INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
A01	Title Sheet
A02	Index Of Sheets Cont. , and Std. Dwg. Nos.

STATE OF OREGON
DEPARTMENT OF TRANSPORTATION
PLANS FOR PROPOSED PROJECT

GRADING, DRAINAGE, PAVING, CURB RAMPS, SIGNING, SIGNALS & ROADSIDE DEVELOPMENT

KLAMATH, LAKE AND DESCHUTES COUNTY

CURB RAMPS PROJECT

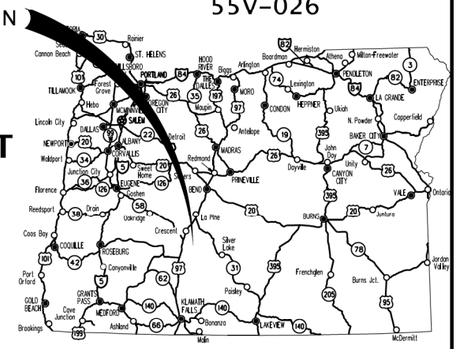
VARIOUS HIGHWAYS

VARIOUS COUNTIES

DECEMBER 2021

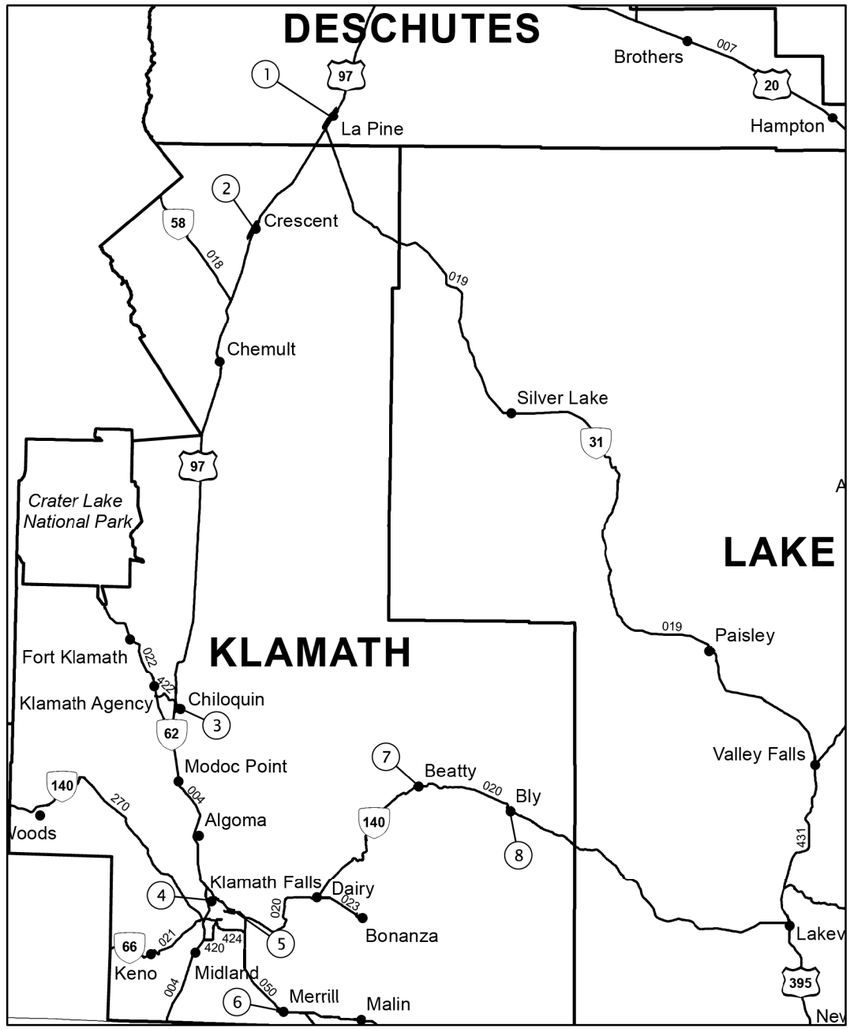
55V-026

PROJECT LOCATION



SAFETY FIRST
LET'S ALL
WORK TOGETHER
TO MAKE THIS
JOB SAFE

REGION 4 DISTRICT 11			
LOCATION	TOWN	HIGHWAY : SEGMENT	MILEPOST
1	La Pine	US 97: 1ST ST TO M.P. 168.58	167.50 to 168.28
2	Crescent	US 97: POTTER ST TO M.P. 185.59	185.12 to 185.59
3	Chiloquin	OR 422S: M.P. 4.55 TO M.P. 4.58	4.55 to 4.58
4	Klamath Falls	US 97: TUNNEL ST TO PAYNE ALLEY	273.67 to 275.30
		US97B: MICHIGAN AVE TO N. SPRING ST	5.10 to 5.00
		OR 140: WASHBURN WAY TO ALTAMONT DR.	2.70 to 3.37
5	Altamont	OR 420: M.P. 1.33 to M.P 1.46	1.33 to 1.46
		OR 39: M.P. 2.52 to M.P. 5.61	2.52 to 5.61
		OR 39: M.P. 3.05	3.05
6	Merrill	OR 39: N POLK ST TO N LINCOLN ST	13.72 to 14.23
7	Beatty	OR 140: HUTCHINSON AVE TO M.P. 41.11	40.85 to 41.11
8	Bly	OR 140: M.P. 53.63 TO EDSALL ST	53.63 to 53.96



ATTENTION:
Oregon Law Requires You To Follow Rules Adopted By The Oregon Utility Notification Center. Those Rules Are Set Forth In OAR 952-001-0001 Through OAR 952-001-0100. You May Obtain Copies Of The Rules By Calling The Center (Note: The Telephone Number For The Oregon Utility Notification Center Is (503) 232-1987).

ADA CURB RAMP PILOT PROGRAM PROJECT

PLANS PREPARED FOR
OREGON DEPARTMENT OF TRANSPORTATION

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON TRANSPORTATION COMMISSION

Robert Van Brocklin	CHAIR
Alando Simpson	COMMISSIONER
Vacant	COMMISSIONER
Julie Brown	COMMISSIONER
Sharon Smith	COMMISSIONER
Kris Strickler	DEPUTY DIRECTOR OF TRANSPORTATION

These plans were developed using ODOT design standards. Exceptions to these standards, if any, have been submitted and approved by the ODOT Chief Engineer or their delegated authority.

Approving Authority: Digitally Signed by Jose L. Banuelos 2021.10.26 05:08:06-07'00'
Signature & date

Jose Banuelos, PE, Project Manager
Print name and title

Steven B Cooley COOLEY Steven B Nov 4 2021 2:10 PM
Concurrence by ODOT Chief Engineer

N

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

FEDERAL HIGHWAY ADMINISTRATION	PROJECT NUMBER	SHEET NO.
OREGON DIVISION	SA00(365)	A01

INDEX OF SHEETS, CONT.

SITE LAYOUT

SHEET NO.	DESCRIPTION
A03 Thru A04	Summary of Right-of-Way or Access Delays
A05 Thru A09	General Site Layout

ROADWAY DETAILS

SHEET NO.	DESCRIPTION
BA01 Thru BA03	Details
BB101	La Pine Driveway Details
BB401 Thru BB405	Klamath Falls Driveway Details
BB501 Thru BB504	Altamont Driveway Details
BB601 Thru BB604	Merrill Driveway Details
BB701	Beatty Driveway Details
BC01	Curb Ramp Details
BC101 Thru BC109	La Pine Curb Ramp Details
BC201 Thru BC215	Crescent Curb Ramp Details
BC301 Thru BC304	Chiloquin Curb Ramp Details
BC401 Thru BC429	Klamath Falls Curb Ramp Details
BC501 Thru BC579	Altamont Curb Ramp Details
BC601 Thru BC632	Merrill Curb Ramp Details
BC701 Thru BC705	Beatty Curb Ramp Details
BC801 Thru BC816	Bly Curb Ramp Details
BD01-BD04	Pipe Data Sheet

ROADWAY CONSTRUCTION

SHEET NO.	DESCRIPTION
C01	General Construction Notes
C101 Thru C112	La Pine General Construction
C201 Thru C206	Crescent General Construction
C301	Chiloquin General Construction
C401 Thru C409	Klamath Falls General Construction
C501 Thru C531	Altamont General Construction
C601 Thru C609A	Merrill General Construction
C701 Thru C704	Beatty General Construction
C801 Thru C806A	Bly General Construction

TRAFFIC CONTROL

SHEET NO.	DESCRIPTION
EA01 Thru EA05	Traffic Control Details
EB01	La Pine Traffic Control Details
EC01	Crescent Traffic Control Details
ED01	Chiloquin Traffic Control Details

INDEX OF SHEETS, CONT.

TRAFFIC CONTROL CONT.

SHEET NO.	DESCRIPTION
EE01	Klamath Falls Traffic Control Details
EF01 Thru EF02	AltamontTraffic Control Details
EG01	Merrill Traffic Control Details
EH01	Beatty Traffic Control Details
EJ01	Bly Traffic Control Details

SIGNALS

SHEET NO.	DESCRIPTION
MA01	Signal Plan Legend
MB01 Thru MB09	Signal Plan
MC01 Thru MC04	Details

Standard Dwg. Nos.

RD100 - Mailbox Support
RD101 - Mailbox Installation
RD130 - Bollards

RD254 - Hydrant Installation
RD258 - Valve Box And Operator Extension Assembly

RD300 - Trench Backfill, Bedding, Pipe Zone And Multiple Installations
RD302 - Street Cut
RD335 - Standard Storm Sewer Manhole
RD336 - Standard Manhole Details
RD338 - Standard Sanitary Sewer Manhole
RD339 - Pipe To Structure Connections
RD340 - Storm Sewer Pollution Control Manhole
RD344 - Standard Manhole Base Section
RD345 - Pipe To Manhole Connections
RD348 - Manhole With Inlet
RD356 - Manhole Covers And Frames
RD360 - Manhole Frame Adjustment
RD362 - Sanitary Cleanout
RD363 - Gutter Transition At Inlet
RD364 - Concrete Inlets Type G-1, G-2, G-2M & G-2MA
RD365 - Frames & Grates For Concrete Inlets
RD366 - Concrete Inlets Type CG-1, CG-2
RD371 - Concrete Inlet Base Type CG-3
RD372 - Concrete Inlet Top, Option 1, Type CG-3
RD373 - Concrete Inlet Top, Option 2, Type CG-3
RD376 - Miscellaneous Drainage Structures Siphon Box, Inlet Cap & Inlet Adjustment
RD386 - Fill Height Tables For Circular Concrete Pipe
RD388 - Fill Height Tables For PVC Pipe
RD390 - Fill Height Table For Corrugated HDPE Pipe
RD393 - Fill Height Tables For Polypropylene Pipe
RD399 - Stormwater Treatment And Storage Facility Field Markers

RD530 - Guardrail Transition To Concrete Barrier (29" Rail Height)

RD602 - Shared Use Path Pavement Details
RD610 - Asphalt Concrete Pavement (ACP) Details
RD615 - Surface Edge Details

Standard Dwg. Nos. Cont.

RD700 - Curbs
RD705 - Islands
RD710 - Accessible Route Islands
RD711 - Accessible Route Channelizated Islands
RD715 - Approaches And Non-Sidewalk Driveways
RD720 - Curb Line Sidewalks
RD721 - Separated Sidewalks
RD722 - Sidewalk Joints and Transition Panels
RD725 - Separated Sidewalk Driveways Or Alleys (Options A, B & C) ODOT Highways
RD730 - Curb Line Sidewalk Driveways Or Alleys (Options D & E) ODOT Highways
RD735 - Curb Line Sidewalk Driveways Or Alleys (Options F & G) ODOT Highways
RD740 - Separated Sidewalk Driveways Or Alleys (Options H, I & J) Local Jurisdictions
RD745 - Curb Line Sidewalk Driveways Or Alleys (Options K & L) Local Jurisdictions
RD770 - Metal Handrail
RD771 - Metal Handrail Details

RD900 - Curb Ramp Components And Legend
RD901 - Curb Ramp Legend And Corner Identification
RD902 - Detectable Warning Surface Details
RD904 - Detectable Warning Surface Placement For Curb Ramps
RD905 - Detectable Warning Surface Placement For Directional Curbs
RD906 - Detectable Warning Surface Placement For Accessible Route Island
RD908 - Detectable Warning Surface Placement
RD910 - Perpendicular Curb Ramp
RD912 - Perpendicular Curb Ramp
RD913 - Perpendicular Curb Ramp With Closure
RD916 - Perpendicular Curb Ramp Single Ramp
RD920 - Parallel Curb Ramp
RD922 - Parallel Curb Ramp Single Ramp
RD930 - Combination Curb Ramp
RD932 - Combination Curb Ramp
RD936 - Combination Curb Ramp
RD938 - Combination Curb Ramp Single Ramp
RD940 - Blended Transition Curb Ramp Single Ramp
RD950 - End Of Walk Curb Ramp
RD952 - End Of Walk Curb Ramp
RD960 - Unique Curb Ramp

RD1010 - Inlet Protection Type 2, 3, 6, 7, 10 And 11

TM200 - Sign Installation Details
TM240 - Crosswalk Closure Details

TM450 - Mast Arm Pole Details
TM457 - Vehicle, Pedestrian Signal And Pushbutton Mounting Option Details
TM462 - Vehicle Signal Bracket Mount Details
TM466 - Radar Mounting Details
TM467 - Pedestrian Signal Mount And Pedestrian Pushbutton Details
TM470 - Wire & Cable Installation And Color Code Charts
TM471 - Trenching & Conduit Installation
TM472 - Traffic Signal Junction Boxes/Hand Holes
TM482 - Controller Cabinet & Service Cabinet Foundation Details
TM485 - Service Cabinet Wiring Details

TM500 - Pavement Marking Standard Detail Blocks
TM501 - Pavement Marking Standard Detail Blocks
TM502 - Pavement Marking Standard Detail Blocks
TM503 - Pavement Marking Standard Detail Blocks
TM521 - Durable & High Performance Pavement Markings Surface & Groove Installed Non-Profiled
TM530 - Intersection Pavement Markings (Crosswalk, Stop Bar & Bike Lane Stencil)

TM650 - Traffic Signal Supports General Details & Design Criteria
TM651 - Traffic Signal Supports Notes And Reactions
TM652 - Traffic Signal Supports Steel Details
TM653 - Traffic Signal Supports Foundation Requirements
TM671 - 3 Second Gust Wind Speed Map
TM676 - Sign Attachments
TM681 - Perforated Steel Square Tube (PSST) Sign Support Installation
TM687 - Perforated Steel Square Tube (PSST) Anchor Foundation
TM688 - Perforated Steel Square Tube (PSST) Slip Base Foundation

TM800 - Tables, Abrupt Edge And PCMS Details
TM820 - Temporary Barricades
TM821 - Temporary Sign Supports
TM822 - Temporary Sign Supports
TM831 - Temporary Impact Attenuators
TM840 - Closure Details
TM841 - Intersection Work Zone Details
TM842 - Signalized Intersection Details
TM843 - Multi-Lane Signalized Intersection Details
TM844 - Temporary Pedestrian Access Routing
TM850 - 2-Lane, 2-Way Roadways
TM852 - Non-Freeway Multi-Lane Sections

Standard Drawings located on the web at:
http://www.oregon.gov/ODOT/Engineering/Pages/Standards.aspx

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

FEDERAL HIGHWAY ADMINISTRATION	PROJECT NUMBER	SHEET NO.
OREGON DIVISION	SA00(365)	A02

55V-026

No.	DATE	REVISIONS	BY
1	01-19-22	Revised table	S.A.T

SUMMARY OF RIGHT-OF-WAY OR ACCESS DELAYS CONT.

SHEET	SITE #	HIGHWAY	CROSS ST.	CORNER #	REASON				
					ROW	UTL	ENV HIST.	ENV ARCH.	ENV HAZ.
C106	LA PINE SITE 5	US97	MP 167.87 Entrance to Aspen Valley Mall	3			X		
C106	LA PINE SITE 5	US97	MP 167.87 Entrance to Aspen Valley Mall	4			X		
C107	LA PINE SITE 6	US97	MP 167.90 Entrance to Aspen Valley Mall	3			X		
C107	LA PINE SITE 6	US97	MP 167.90 Entrance to Aspen Valley Mall	4			X		
C108	LA PINE SITE 7	US97	MP 167.92 Entrance to Aspen Valley Mall	3			X		
C108	LA PINE SITE 7	US97	MP 167.92 Entrance to Aspen Valley Mall	4			X		
C108	LA PINE SITE 7	US97	MP 167.94 Entrance to Aspen Valley Mall	3			X		
C108	LA PINE SITE 7	US97	MP 167.94 Entrance to Aspen Valley Mall	4			X		
C110	LA PINE SITE 8	US97	Finley Butte Rd.	4	X				
C301	CHILOQUIN SITE 1	OR422S	OR422S	1			X		
C402	KLAMATH FALLS SITE 2	US97	Riverside Dr.	1				X	
C402	KLAMATH FALLS SITE 2	US97	Riverside Dr.	2	X	X	X	X	
C402	KLAMATH FALLS SITE 2	US97	Riverside Dr.	3	X		X	X	
C402	KLAMATH FALLS SITE 2	US97	Riverside Dr.	4		X	X	X	
C402	KLAMATH FALLS SITE 2	US97	Riverside Dr.	5				X	
C403	KLAMATH FALLS SITE 3	US97	George Nurse Way	1				X	
C403	KLAMATH FALLS SITE 3	US97	George Nurse Way	2				X	
C403	KLAMATH FALLS SITE 3	US97	George Nurse Way	3	X			X	
C404	KLAMATH FALLS SITE 4	US97	Payne Alley	3	X		X	X	
C404	KLAMATH FALLS SITE 4	US97	Payne Alley	4				X	
C405	KLAMATH FALLS SITE 5	US97B	Michigan Ave.	1	X				
C405	KLAMATH FALLS SITE 5	US97B	Michigan Ave.	3			X		
C405	KLAMATH FALLS SITE 5	US97B	Michigan Ave.	4	X				
C406	KLAMATH FALLS SITE 6	US97B	Leg to Michigan Ave.	3	X		X		
C406	KLAMATH FALLS SITE 6	US97B	Leg to Michigan Ave.	4			X		
C407	KLAMATH FALLS SITE 7	US97B	N. Spring St.	1	X				
C407	KLAMATH FALLS SITE 7	US97B	N. Spring St.	2	X				
C407	KLAMATH FALLS SITE 7	US97B	N. Spring St.	3	X				
C407	KLAMATH FALLS SITE 7	US97B	N. Spring St.	4	X				
C501	ALTAMONT SITE 1	HWY 420	Entrance to Walmart	1	X				
C502	ALTAMONT SITE 2	HWY 420	Laverne Ave.	1				X	
C502	ALTAMONT SITE 2	HWY 420	Laverne Ave.	2				X	
C502	ALTAMONT SITE 2	HWY 420	Laverne Ave.	3				X	
C502	ALTAMONT SITE 2	HWY 420	Laverne Ave.	4		X		X	
C503	ALTAMONT SITE 3	OR 39	Entrance to Dollar Tree	1	X				
C503	ALTAMONT SITE 3	OR 39	Entrance to Dollar Tree	2	X		X		
C504	ALTAMONT SITE 4	OR 39	Entrance to House of Shoes	1	X				
C504	ALTAMONT SITE 4	OR 39	Entrance to House of Shoes	2	X				
C505	ALTAMONT SITE 5	OR 39	Arthur St.	3	X				
C506	ALTAMONT SITE 6	OR 39	Altamont Dr.	1				X	
C506	ALTAMONT SITE 6	OR 39	Altamont Dr.	2				X	
C506	ALTAMONT SITE 6	OR 39	Altamont Dr.	3				X	
C506	ALTAMONT SITE 6	OR 39	Altamont Dr.	4				X	
C507	ALTAMONT SITE 7	OR 39	Entrance to Fair Grounds	3	X		X		
C507	ALTAMONT SITE 7	OR 39	Entrance to Fair Grounds	4	X		X		
C508	ALTAMONT SITE 8	OR 39	Crest. St.	1	X				
C508	ALTAMONT SITE 8	OR 39	Crest. St.	2	X				
C508	ALTAMONT SITE 8	OR 39	Crest. St.	4		X	X	X	
C509	ALTAMONT SITE 9	OR 39	Entrance to Wubba's BBQ	1	X				
C510	ALTAMONT SITE 10	OR 39	Derby St.	1	X	X			
C510	ALTAMONT SITE 10	OR 39	Derby St.	2	X	X			

SUMMARY OF RIGHT-OF-WAY OR ACCESS DELAYS CONT.

SHEET	SITE #	HIGHWAY	CROSS ST.	CORNER #	REASON				
					ROW	UTL	ENV HIST.	ENV ARCH.	ENV HAZ.
C511	ALTAMONT SITE 11	OR 39	Summers St.	2			X	X	
C513	ALTAMONT SITE 13	OR 39	Fargo St.	1	X				
C513	ALTAMONT SITE 13	OR 39	Fargo St.	2	X				
C514	ALTAMONT SITE 14	OR 39	Gettle St.	1	X		X		
C515	ALTAMONT SITE 15	OR 39	Hope St.	1	X				
C515	ALTAMONT SITE 15	OR 39	Hope St.	2	X				
C516	ALTAMONT SITE 16	OR 39	Hope St.	1	X	X			
C516	ALTAMONT SITE 16	OR 39	Hope St.	2	X			X	
C517	ALTAMONT SITE 17	OR 39	Wiard St.	1	X				
C517	ALTAMONT SITE 17	OR 39	Wiard St.	2	X				
C518	ALTAMONT SITE 18	OR 39	Kane St.	1	X				
C518	ALTAMONT SITE 18	OR 39	Kane St.	2	X				
C519	ALTAMONT SITE 19	OR 39	Homedale Rd.	1			X		
C520	ALTAMONT SITE 20	OR 39	Entance to Albertsons	2	X				
C521	ALTAMONT SITE 21	OR 39	Entance to Vacant Lot	2	X				
C522	ALTAMONT SITE 22	OR 39	Madison St.	1				X	
C522	ALTAMONT SITE 22	OR 39	Madison St.	2	X			X	
C522	ALTAMONT SITE 22	OR 39	Madison St.	3	X			X	
C522	ALTAMONT SITE 22	OR 39	Madison St.	4				X	
C523	ALTAMONT SITE 23	OR 39	Nile St.	1	X				
C523	ALTAMONT SITE 23	OR 39	Nile St.	3			X		
C523	ALTAMONT SITE 23	OR 39	Nile St.	4	X		X		
C524	ALTAMONT SITE 24	OR 39	Ogden St.	1	X				
C524	ALTAMONT SITE 24	OR 39	Ogden St.	2	X				
C526	ALTAMONT SITE 26	OR 39	Pattersen St.	1				X	
C526	ALTAMONT SITE 26	OR 39	Pattersen St.	2				X	
C526	ALTAMONT SITE 26	OR 39	Pattersen St.	3		X		X	
C526	ALTAMONT SITE 26	OR 39	Pattersen St.	4				X	
C527	ALTAMONT SITE 27	OR 39	Entrance to Klamath Falls Center	1	X			X	
C527	ALTAMONT SITE 27	OR 39	Entrance to Klamath Falls Center	2	X			X	
C527	ALTAMONT SITE 27	OR 39	Entrance to Klamath Falls Center	3	X			X	
C527	ALTAMONT SITE 27	OR 39	Entrance to Klamath Falls Center	4	X			X	
C529	ALTAMONT SITE 29	OR 39	Hilyard Ave	1			X		
C530	ALTAMONT SITE 30	OR 39	Klamath College	1	X				
C530	ALTAMONT SITE 30	OR 39	Klamath College	2	X				
C601	MERRILL SITE 1	OR 39	Polk St.	1			X	X	
C601	MERRILL SITE 1	OR 39	Polk St.	2			X	X	
C601	MERRILL SITE 1	OR 39	Polk St.	3		X	X	X	
C602	MERRILL SITE 2	OR 39	Garfield St.	1	X	X	X	X	
C602	MERRILL SITE 2	OR 39	Garfield St.	2	X	X	X	X	
C602	MERRILL SITE 2	OR 39	Garfield St.	3	X	X	X	X	
C602	MERRILL SITE 2	OR 39	Garfield St.	4	X	X	X	X	
C602	MERRILL SITE 2	OR 39	Garfield St.	5	X	X	X	X	
C602	MERRILL SITE 2	OR 39	Garfield St.	6	X	X	X	X	
C603	MERRILL SITE 3	OR 39	Jefferson St.	1	X	X	X	X	
C603	MERRILL SITE 3	OR 39	Jefferson St.	2	X	X	X	X	
C603	MERRILL SITE 3	OR 39	Jefferson St.	3		X	X	X	
C603	MERRILL SITE 3	OR 39	Jefferson St.	4		X	X	X	
C604	MERRILL SITE 4	OR 39	Monroe St.	1	X	X	X	X	
C604	MERRILL SITE 4	OR 39	Monroe St.	2	X	X	X	X	
C604	MERRILL SITE 4	OR 39	Monroe St.	3	X	X	X	X	
C604	MERRILL SITE 4	OR 39	Monroe St.	4	X	X	X	X	
C605	MERRILL SITE 5	OR 39	Main St.	1	X	X	X	X	X
C605	MERRILL SITE 5	OR 39	Main St.	2	X	X	X	X	X
C605	MERRILL SITE 5	OR 39	Main St.	3	X	X	X	X	X
C605	MERRILL SITE 5	OR 39	Main St.	4	X	X	X	X	X

OREGON DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

FEDERAL HIGHWAY ADMINISTRATION	PROJECT NUMBER	SHEET NO.
OREGON DIVISION	SA00(365)	A03

55V-026

SUMMARY OF RIGHT-OF-WAY OR ACCESS DELAYS CONT.									
SHEET	SITE #	HIGHWAY	CROSS ST.	CORNER #	REASON				
					ROW	UTL	ENV		
							HIST.	ARCH.	HAZ.
C606	MERRILL SITE 6	OR 39	Washington St.	1		X	X	X	X
C606	MERRILL SITE 6	OR 39	Washington St.	2	X	X	X	X	X
C606	MERRILL SITE 6	OR 39	Washington St.	3	X	X	X	X	X
C606	MERRILL SITE 6	OR 39	Washington St.	4	X	X	X	X	X
C607	MERRILL SITE 7	OR 39	Madison St.	1	X	X	X	X	X
C607	MERRILL SITE 7	OR 39	Madison St.	2	X	X	X	X	X
C607	MERRILL SITE 7	OR 39	Madison St.	3		X	X	X	X
C607	MERRILL SITE 7	OR 39	Madison St.	4	X	X	X	X	X
C608	MERRILL SITE 8	OR 39	Clay St.	1	X	X	X	X	X
C608	MERRILL SITE 8	OR 39	Clay St.	2	X	X	X	X	X
C608	MERRILL SITE 8	OR 39	Clay St.	3		X	X	X	X
C608	MERRILL SITE 8	OR 39	Clay St.	4		X	X	X	X
C609	MERRILL SITE 9	OR 39	Lincoln St.	1		X	X	X	X
C609	MERRILL SITE 9	OR 39	Lincoln St.	4		X	X	X	X
C701	Beatty Stie 1	OR 140	Hutchingson Ave	2			X		
C802	Bly Site 2	OR 140	Stewart St.	3				X	
C804	Bly Site 4	OR 140	Edler St.	1			X	X	
C804	Bly Site 4	OR 140	Edler St.	2		X		X	

No.	DATE	REVISIONS	BY
1	01-19-22	Revised table	S.A.T

OREGON DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

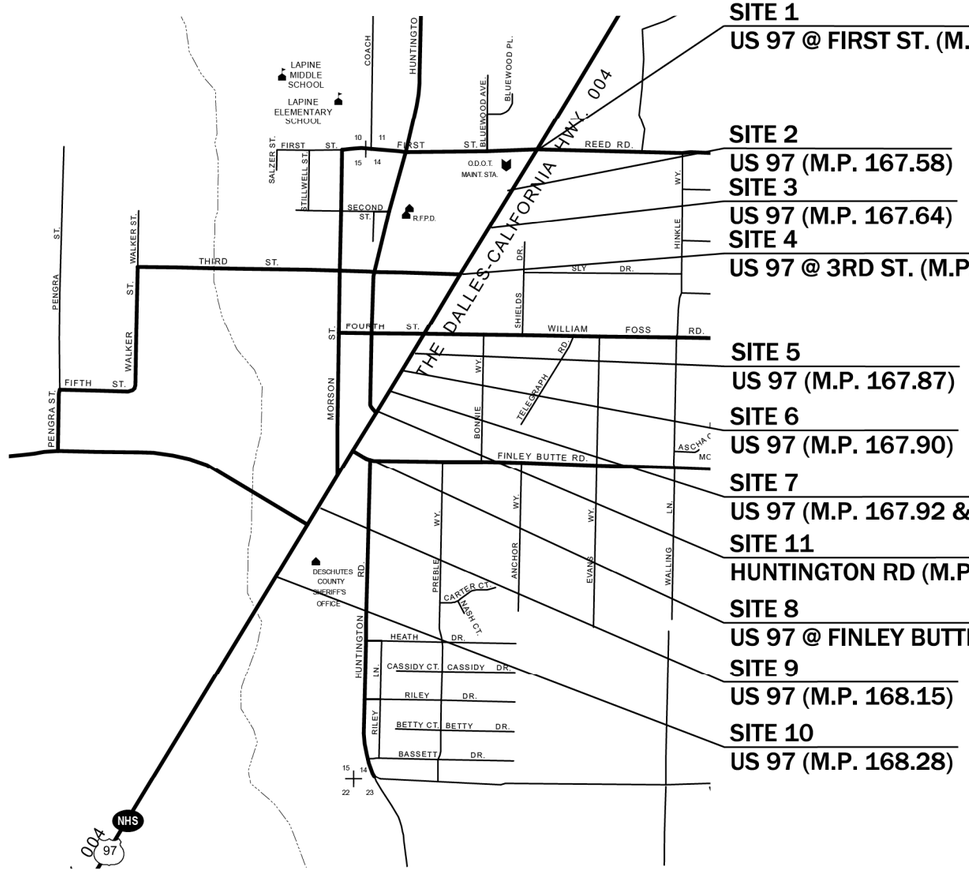
VARIOUS HIGHWAYS
VARIOUS COUNTIES

FEDERAL HIGHWAY ADMINISTRATION	PROJECT NUMBER	SHEET NO.
OREGON DIVISION	SA00(365)	A04

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1"=100'

LA PINE SITE LAYOUT



SITE 1
US 97 @ FIRST ST. (M.P. 167.50)

SITE 2
US 97 (M.P. 167.58)

SITE 3
US 97 (M.P. 167.64)

SITE 4
US 97 @ 3RD ST. (M.P. 167.72)

SITE 5
US 97 (M.P. 167.87)

SITE 6
US 97 (M.P. 167.90)

SITE 7
US 97 (M.P. 167.92 & 167.94)

SITE 11
HUNTINGTON RD (M.P. 167.99)

SITE 8
US 97 @ FINLEY BUTTE RD. (M.P. 168.04)

SITE 9
US 97 (M.P. 168.15)

SITE 10
US 97 (M.P. 168.28)

CRESCENT SITE LAYOUT

Site 1
US 97 @ POTTER ST. (M.P. 185.12)

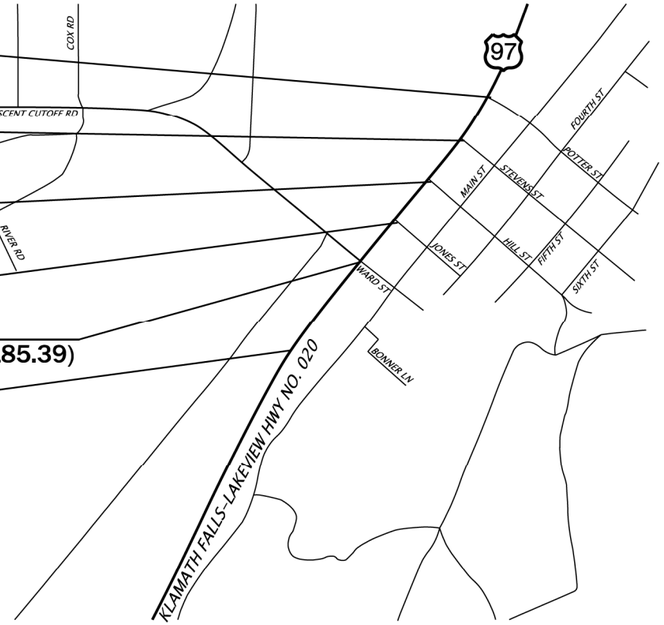
Site 2
US 97 @ STEVENS ST. (M.P. 185.19)

Site 3
US 97 @ HILL ST. (M.P. 185.26)

Site 4
US 97 @ JONES ST. (M.P. 185.33)

Site 5
US 97 @ CRESCENT CUTOFF RD. (M.P. 185.39)

Site 6
US 97 @ M.P. 185.59



N

OREGON DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

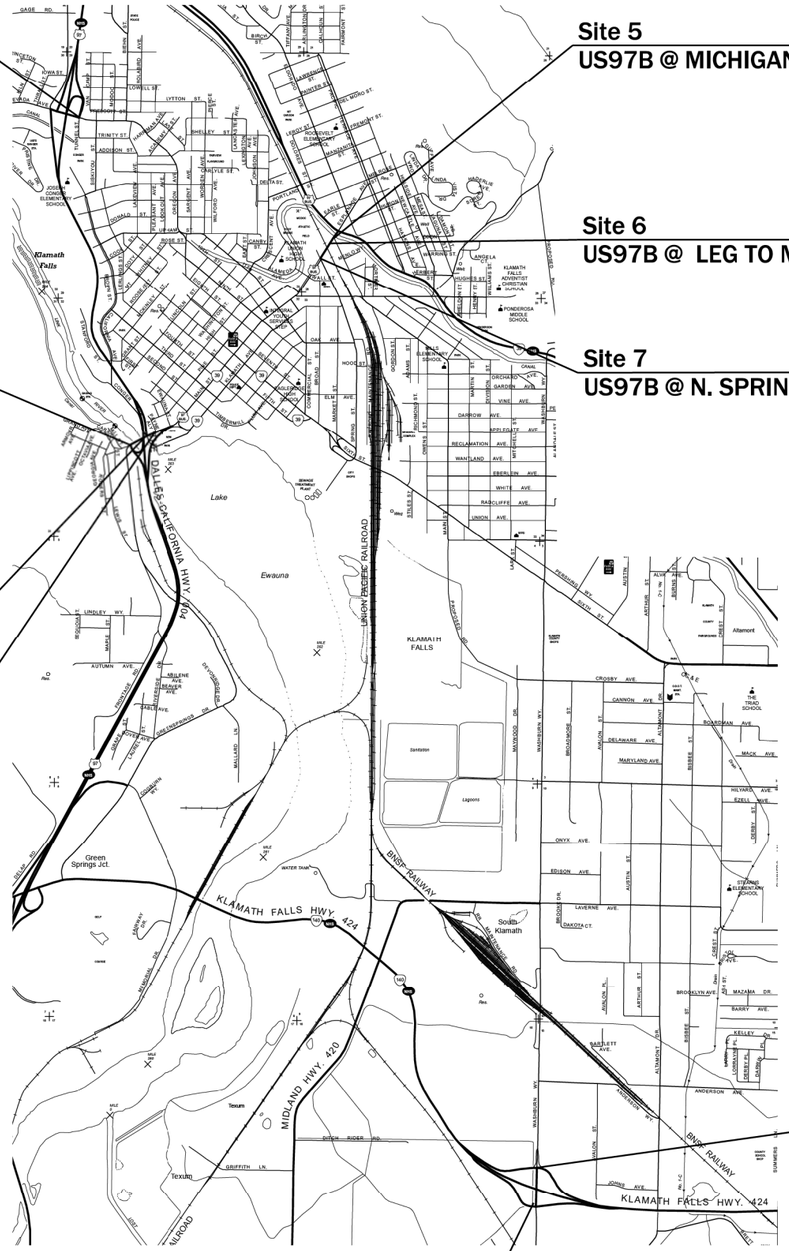
VARIOUS HIGHWAYS
VARIOUS COUNTIES

FEDERAL HIGHWAY ADMINISTRATION	PROJECT NUMBER	SHEET NO.
OREGON DIVISION	SA00(365)	A05

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1"=100'

KLAMATH FALLS SITE LAYOUT


Klamath Falls
Lake Ewauna
KLAMATH FALLS
Altamont
Shasta View
Green Springs Jct.
South Klamath
Texaco
Texaco
Sanitation
Lagoons
OLD U.S. HWY. 97
THE DALLES-CALIFORNIA HWY. 97
UNION PACIFIC RAILROAD
BNRR RAILWAY
KLAMATH FALLS HWY. 424
MIDLAND HWY. 420
KLAMATH FALLS HWY. 424
OR 140 E
OR 140 W
OR 39
OR 66
OR 62
OR 97
OR 422
OR 140

ALTAMONT SITE LAYOUT

Site 9
OR 039 @ ENTRACE TO WUBBAS BBQ SHACK (M.P. 3.08)

Site 8
OR 039 @ CREST ST (M.P. 2.97)

Site 7
OR 039 @ ENTRANCE TO KLAMATH COUNTY FAIRGROUNDS (M.P. 2.78)

Site 3
OR 039 @ DOLLAR TREE/CIMARRON INN (M.P. 2.52)

Site 4
OR 039 @ HOUSE OF SHOES (M.P. 2.61)

Site 5
OR 039 @ ARTHUR ST (M.P. 2.64)

Site 6
OR 039 @ ALTAMONT DR (M.P. 2.72)

Site 2
HWY 420 @ WASHBURN WAY (M.P. 1.33)

Site 1
HWY 420 @ ENTRANCE TO WALMART (M.P. 1.46)

Site 18
OR 039 @ KANE ST (M.P. 3.87)

Site 19
OR 039 @ HOMEDALE DR (M.P. 4.00)

Site 20
OR 039 @ ENTRANCE TO ALBERTSONS (M.P. 4.05)

Site 21
OR 039 @ ENTRANCE TO VACANT LOT (M.P. 4.22)

Site 22
OR 039 @ MADISON ST (M.P. 4.25)

Site 23
OR 039 @ NILE ST (M.P. 4.33)

Site 24
OR 039 @ OGDEN ST (M.P. 4.38)

Site 25
OR 039 @ SIMMERS AVE (M.P. 4.44)

Site 26
OR 039 @ PATTERSON ST (M.P. 4.50)

Site 27
OR 039 @ ENTRANCE TO KLAMATH FALLS CENTER (M.P. 4.78)

Site 10
OR 039 @ DERBY ST (M.P. 3.15)

Site 11
OR 039 @ SUMMERS LN (M.P. 3.22)

Site 12
OR 039 @ HWY 050 (M.P. 3.24)

Site 13
OR 039 @ FARGO ST (M.P. 3.36)

Site 14
OR 039 @ GETTLE ST (M.P. 3.49 & 3.51)

Site 15
OR 039 @ HOPE ST (M.P. 3.57)

Site 16
OR 039 @ HOPE ST (M.P. 3.62)

Site 17
OR 039 @ WIARD ST (M.P. 3.74)

Site 28
OR 039 @ UNITY ST (M.P. 4.94)

Site 29
OR 039 @ HILYARD AVE (M.P. 5.19)

Site 30
OR 039 @ ENTRANCE TO KLAMATH FALLS COMMUNITY COLLEGE (M.P. 5.35)

Site 31
OR 039 @ 050AA CONN (M.P. 1C0.16)

N

OREGON DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP PILOT PROGRAM PROJECT

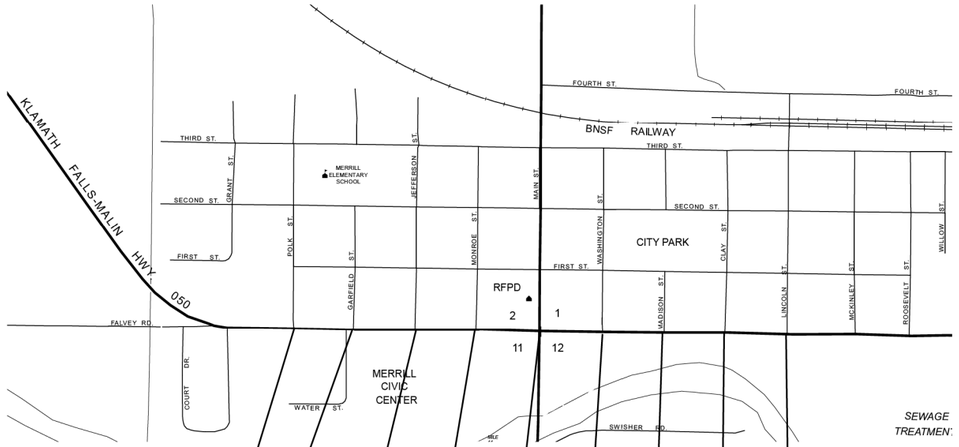
HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

FEDERAL HIGHWAY ADMINISTRATION	PROJECT NUMBER	SHEET NO.
OREGON DIVISION	SA00(365)	A07

MERRILL SITE LAYOUT



Site 1
OR 39 @ N. POLK ST. (M.P. 13.72)

Site 2
OR 39 @ N. GARFIELD ST. (M.P. 13.78)

Site 3
OR 39 @ N. JEFFERSON ST. (M.P. 13.85)

Site 4
OR 39 @ N. MONROE ST. (M.P. 13.91)

Site 5
OR 39 @ N. MAIN ST. (M.P. 13.99)

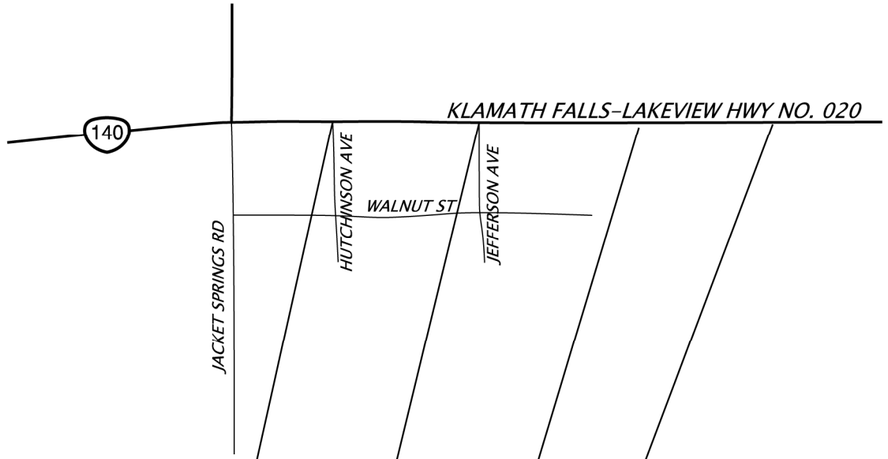
Site 6
OR 39 @ N. WASHINGTON ST. (M.P. 14.04)

Site 7
OR 39 @ N. MADISON ST. (M.P. 14.10)

Site 8
US 39 @ N. CLAY ST. (M.P. 14.16)

Site 9
US 39 @ N. LINCOLN ST. (M.P. 14.23)

BEATTY SITE LAYOUT



Site 1
OR 140 @ HUTCHINSON AVE. (M.P. 40.85)

Site 2
OR 140 @ JEFFERSON AVE. (M.P. 40.94)

Site 3
OR 140 @ (M.P. 41.03)

Site 4
OR 140 @ M.P. (41.11)

N

OREGON DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

FEDERAL HIGHWAY ADMINISTRATION	PROJECT NUMBER	SHEET NO.
OREGON DIVISION	SA00(365)	A08

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1"=100'

BLY SITE LAYOUT

Site 1
OR 140 @ AXEL ST. (M.P. 53.63)

Site 2
OR 140 @ STEWART ST. (M.P. 53.68)

Site 3
OR 140 @ GERBER ST. (M.P. 53.77)

Site 4
OR 140 @ MAIN AVE. (M.P. 53.87)

Site 5
OR 140 @ MARVIN ST. (M.P. 53.91)

Site 6
OR 140 @ EDSALL ST. (M.P. 53.96)

N

OREGON DEPARTMENT OF TRANSPORTATION

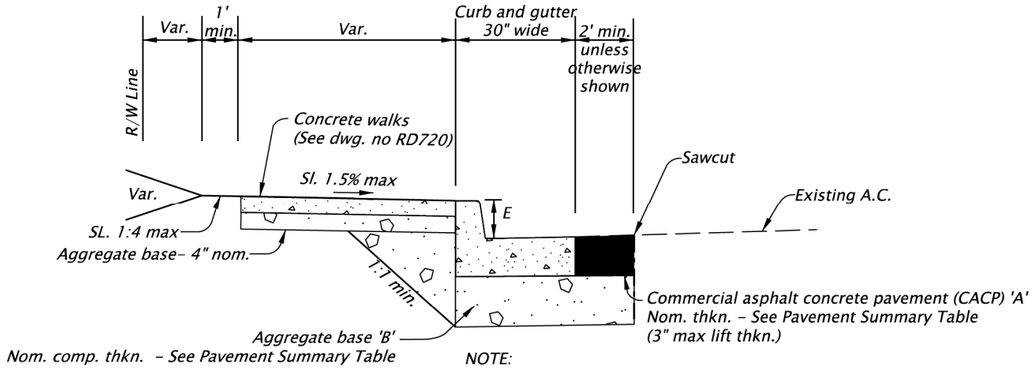
ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

FEDERAL HIGHWAY ADMINISTRATION	PROJECT NUMBER	SHEET NO.
OREGON DIVISION	SA00(365)	A09



NOTE:
1. See BC sheet series for locations of curb ramp work.
2. Curb exposure "E" = 6" unless noted otherwise.
3. See general construction plans for widths.

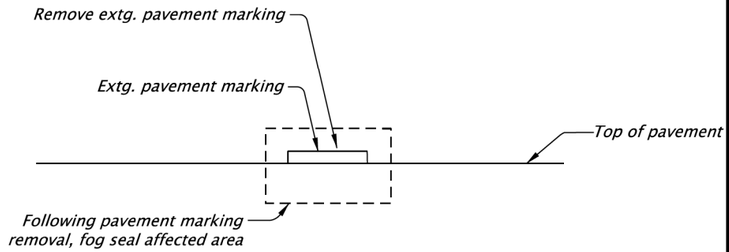
TYPICAL CONCRETE CURB, SIDEWALK AND PAVEMENT DETAIL

Not to Scale

PAVEMENT SUMMARY TABLE

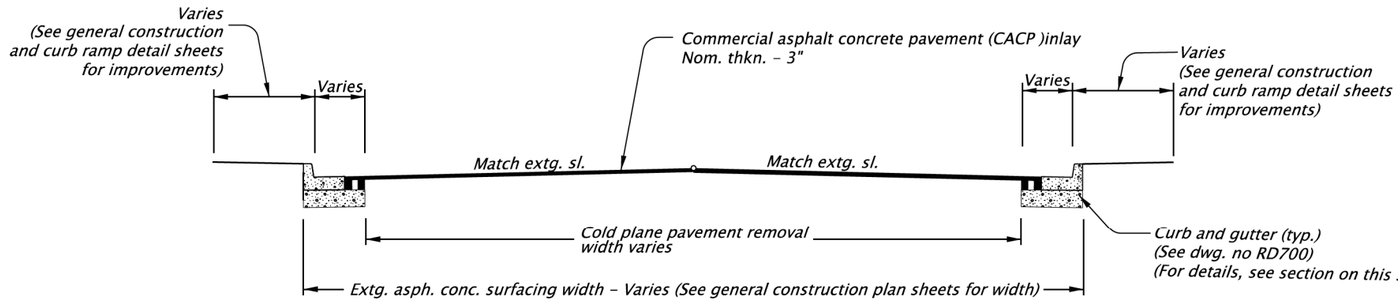
'A' CACP 'B' Aggregate Base	'A' = 6" 'B' = 9"	'A' = 8" 'B' = 12"	'A' = 10" 'B' = 12"
La Pine	All sites, except those noted		1-1
Crescent	All sites		
Chiloquin	All sites		
Klamath Falls	All sites, except those noted	6-3, 6-4	2-1, 2-2, 3-1, 3-2, 3-3, 4-3, 4-4, 7-1, 7-2, 7-3, 7-4, 8-1
Altamont	All sites, except those noted	1-1, 7-3, 7-4, 18-2, 20-2, 27-3, 27-4	26-4
Merrill	All sites		
Beatty	All sites, except those noted	1-2, 2-1, 2-2, 3-1, 4-1	
Bly	All sites		

#-# = Site No. - Corner No.



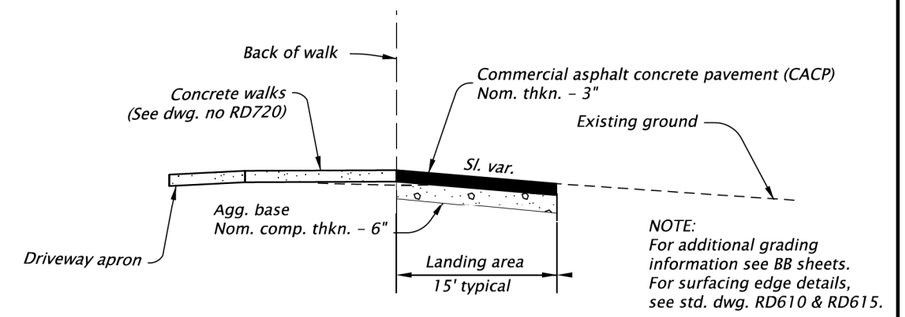
PERMANENT PAVEMENT MARKING REMOVAL

Not to Scale



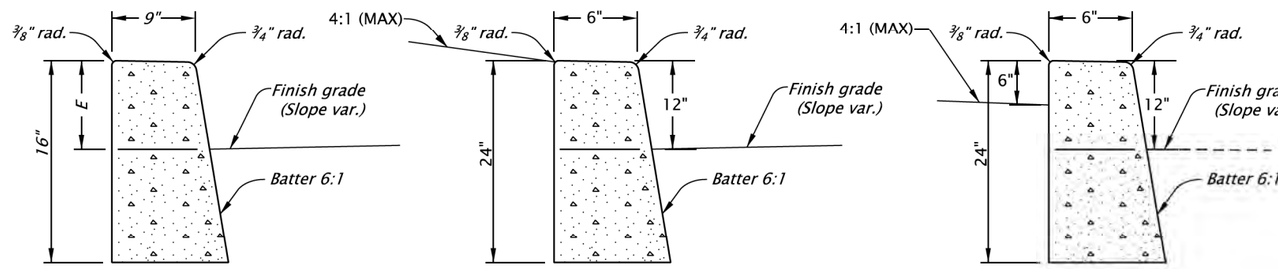
MERRILL: N POLK ST., N GARFIELD ST., S GARFIELD ST., N JEFFERSON ST., N MONROE ST., N MAIN ST., S MAIN ST., N WASHINGTON ST., N MADISON ST., N CLAY ST., N LINCOLN ST. TYPICAL SECTIONS

Not to Scale



ACP DRIVEWAY LANDING

Not to Scale



9" WIDE CURB **12" CURB** **12" CURB WITH BACK EXPOSURE**

CONCRETE CURBS, MODIFIED

Not to Scale

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.11.09 16:03:00-08'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

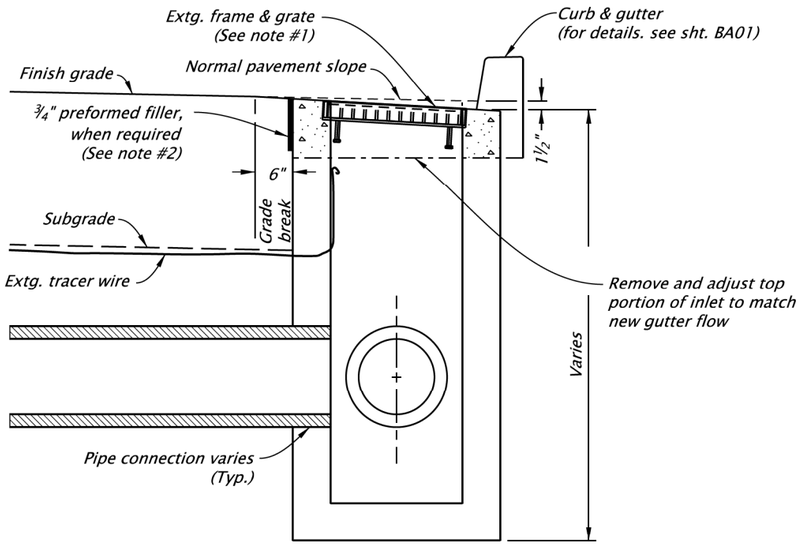
KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

DETAILS

SHEET NO. BA01

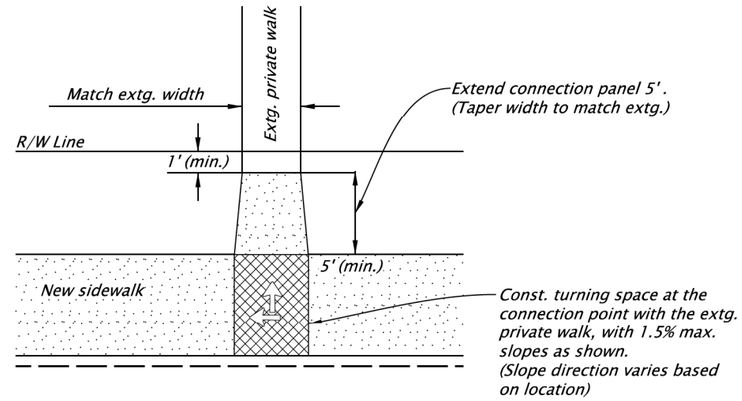


NOTE:
1. Graphics show type CG-1 inlet type 2 grate. Reuse extg. frame and grate.

2. 3/4" preformed filler (in conc. pvmt. or gutter only) to extend through thickness of conc.

3. See std. dwg. RD363 for gutter transition section.

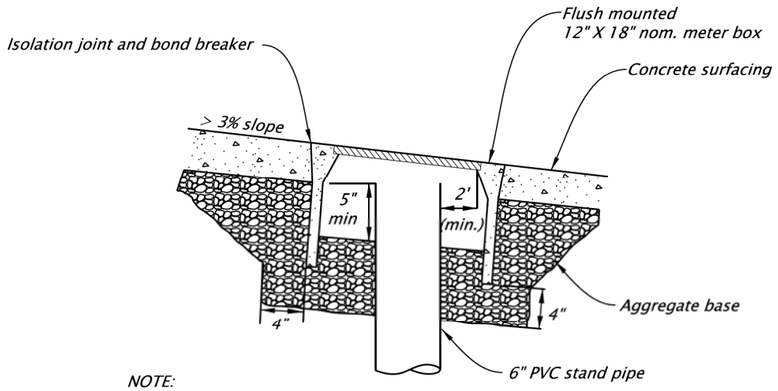
INLET ADJUSTMENT



NOTE:
1. Connection panel running slope shall be < or = to 4.5% with a transition cross slope < or = 0.5%/ft.

⇦ Slope 1.5% max.
(Max. 2.0% finished surface slope)
(Normal sidewalk cross slope)

SIDEWALK CONNECTION TO PRIVATE WALK



NOTE:
1. Only applicable for use in concrete walks and driveways where slopes are greater that 3%. Otherwise grade adjust existing valve box.

2. Center top of meter box on axis of stand pipe and operator nut.

3. Water meter box to be traffic rated precast concrete, HDPE or approved equal.

4. Existing stand pipe and casting may be reused at the Engineer's discretion.

5. Place box at 4" minimum from back of curb.

6. See project plans and std. dwg. RD258 for details not shown.

WATER VALVE BOX ADJUSTMENT(>3% SLOPE)

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:38:50-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

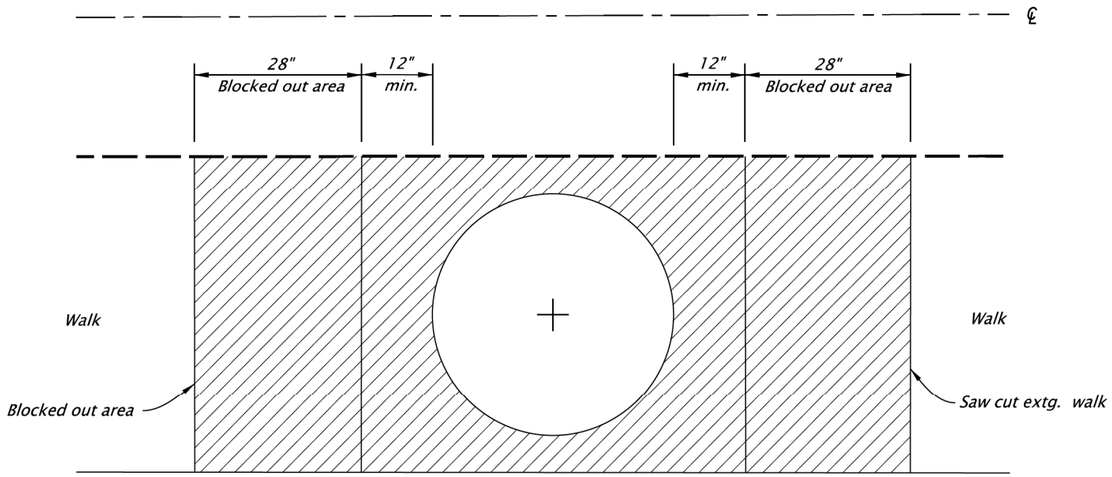
KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

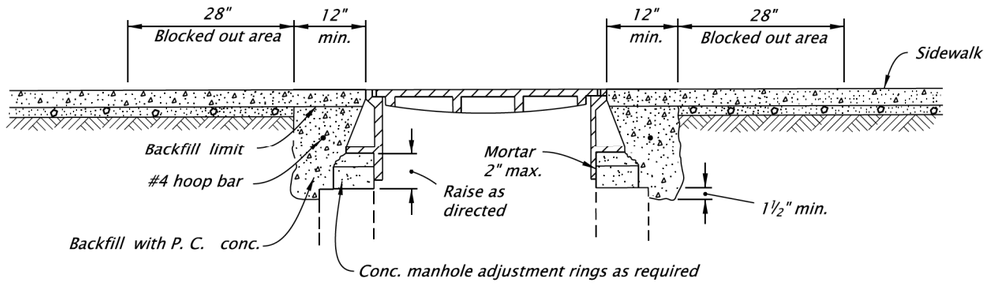
Designer: Justin Hornsby | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

DETAILS

SHEET NO. BA02



TOP VIEW



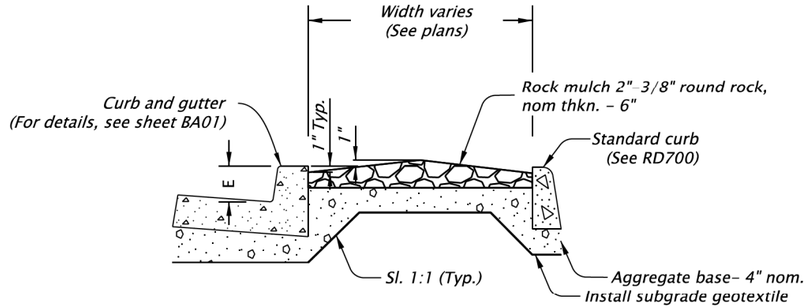
SECTION

MINOR ADJUSTMENT OF MANHOLES SEQUENCE IN SIDEWALKS

Not to Scale

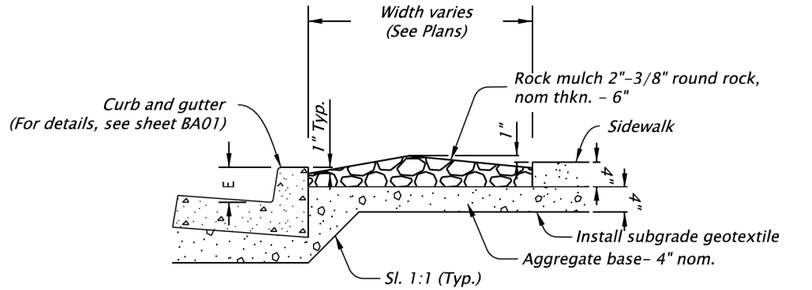
GENERAL NOTES:

1. *Block out sidewalk area around manhole as shown above.*
2. *Excavate around manhole 12" min. from M. H. frame.*
3. *Raise manhole frame and cover to finish grade by installing conc. rings and leveling mortar.*
4. *Backfill with P. C. conc. as shown above.*
5. *Pour and finish new sidewalk in blocked out area.*



ROCK MULCH - CURB TO CURB

E = curb exposure, (For details, see sheet BA01)
Not to scale



ROCK MULCH - SIDEWALK TO CURB

E = curb exposure, (For details, see sheet BA01)
Not to scale

ROCK MULCH NOTES:

1. *Rock mulch is intended for use in island areas. See general construction plans and curb ramp details for island areas where rock mulch will be placed.*

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:39:00-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

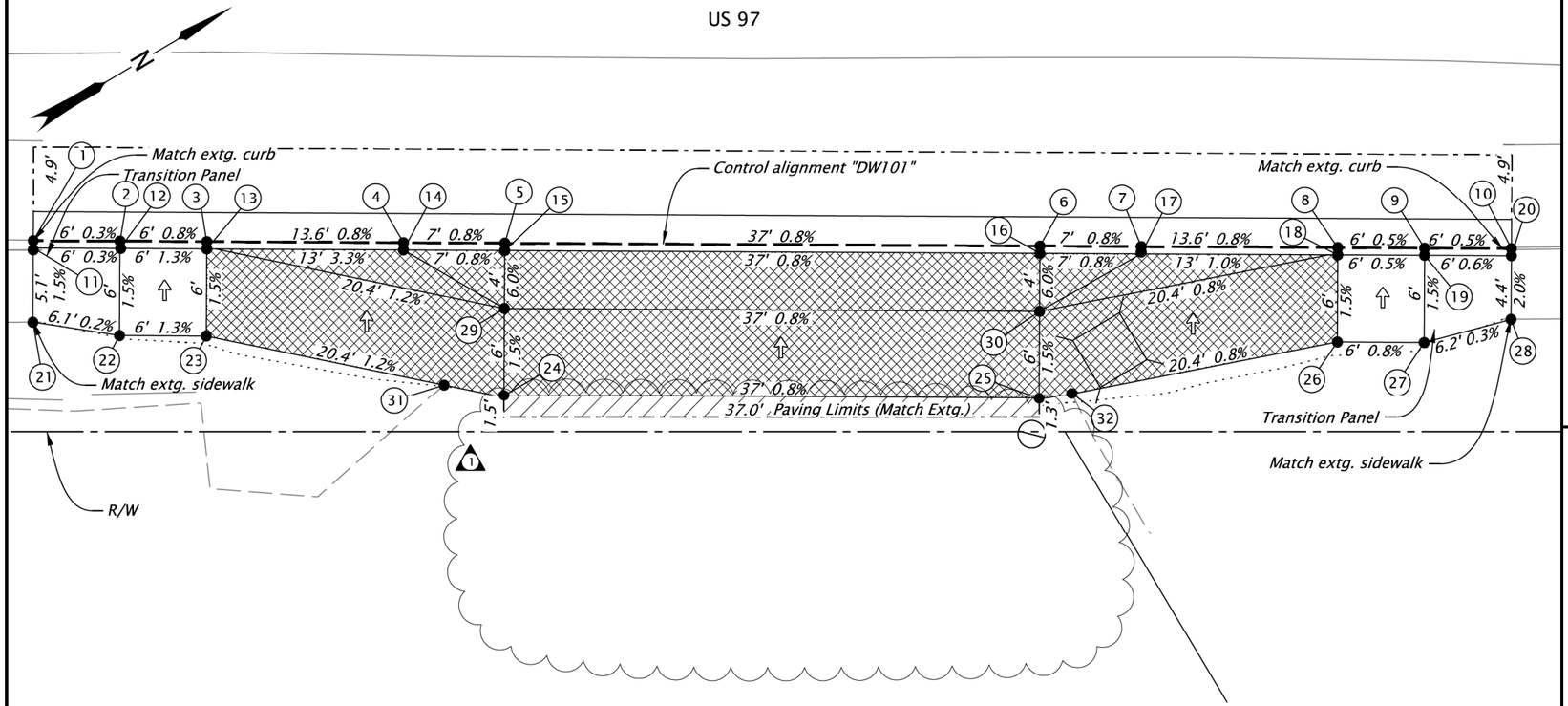
KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

DETAILS | SHEET NO. BA03

55V-026



LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	2+06.59	0.00	4234.88	FL
2	2+00.59	0.00	4234.86	FL
3	1+94.59	0.00	4234.81	FL
4	1+81.00	0.00	4234.70	FL
5	1+74.00	0.00	4234.64	FL
6	1+37.00	0.00	4234.34	FL
7	1+30.00	0.00	4234.28	FL
8	1+16.41	0.00	4234.17	FL
9	1+10.41	0.00	4234.14	FL
10	1+04.41	0.00	4234.11	FL
11	2+06.59	0.50	4235.24	BC
12	2+00.59	0.50	4235.22	BC
13	1+94.59	0.50	4235.14	BC
14	1+81.00	0.50	4234.71	BC
15	1+74.00	0.50	4234.65	BC
16	1+37.00	0.50	4234.35	BC
17	1+30.00	0.50	4234.29	BC
18	1+16.41	0.50	4234.42	BC
19	1+10.41	0.50	4234.39	BC

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
20	1+04.41	0.50	4234.35	BC
21	2+06.59	5.61	4235.32	SW
22	2+00.59	6.50	4235.31	SW
23	1+94.59	6.50	4235.23	SW
24	1+74.00	10.50	4235.07	SW
25	1+37.00	10.50	4234.68	SW
26	1+16.41	6.50	4234.51	SW
27	1+10.41	6.50	4234.46	SW
28	1+04.41	4.88	4234.44	SW
29	1+74.00	4.50	4234.89	SW
30	1+37.00	4.50	4234.59	SW
31	1+78.14	9.79	4235.02	SW
32	1+34.75	10.17	4234.66	SW
33	1+74.00	15.70	4234.95	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb

1

US97 AT ENTRACE TO LA PINE SQUARE

LA PINE SITE 3

10 5 0 10

Driveway – P.C. conc.

Driveway paving area

Sidewalk

Rock mulch

Slope 1.5% max.
(Max. 2.0% finished surface slope)
(Normal sidewalk cross slope)

Slope 7.5% max.
(Max. 8.3% finished surface slope)
(Ramp length 15' max., measured along finished surface slope)

Point identifier

CONSTRUCTION NOTES:

1. See general construction sheet for details not shown.

2. See sht BA01 for ACP driveway landing detail.

3. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

No.	DATE	REVISIONS	BY
1	01-19-22	Revised driveway and R/W design, and removed "Right-of-Way delays or access delays (See 00180.65)" legend and note.	S.A.T

1

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2022.01.20 20:11:52-08'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2023

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby
Reviewer: Travis Kruger
Drafter: Stephanie Teeter
Checker: Jose Banuelos

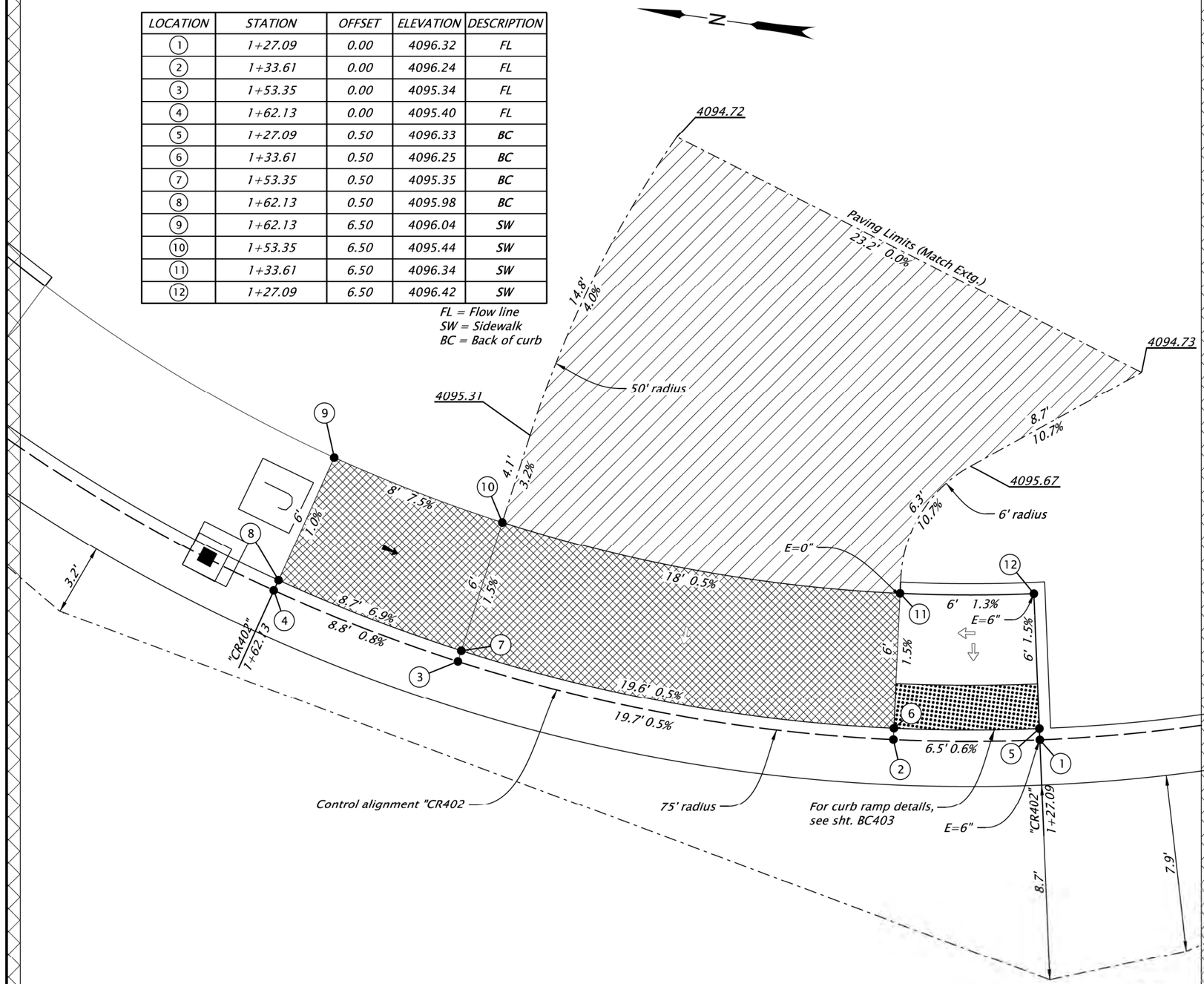
DRIVEWAY DETAILS

SHEET NO. BB101

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	1+27.09	0.00	4096.32	FL
2	1+33.61	0.00	4096.24	FL
3	1+53.35	0.00	4095.34	FL
4	1+62.13	0.00	4095.40	FL
5	1+27.09	0.50	4096.33	BC
6	1+33.61	0.50	4096.25	BC
7	1+53.35	0.50	4095.35	BC
8	1+62.13	0.50	4095.98	BC
9	1+62.13	6.50	4096.04	SW
10	1+53.35	6.50	4095.44	SW
11	1+33.61	6.50	4096.34	SW
12	1+27.09	6.50	4096.42	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



US 97 AT RIVERSIDE DR.

KLAMATH FALLS SITE 2

Driveway - P.C. conc.

Driveway paving area

Sidewalk

Rock mulch

Slope 1.5% max.
(Max. 2.0% finished surface slope)
(Normal sidewalk cross slope)

Slope 7.5% max.
(Max. 8.3% finished surface slope)
(Ramp length 15' max., measured along finished surface slope)

Point identifier

CONSTRUCTION NOTES:

1. *See general construction sheet for details not shown.*
2. *See sht BA01 for ACP driveway landing detail.*
3. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:39:20-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

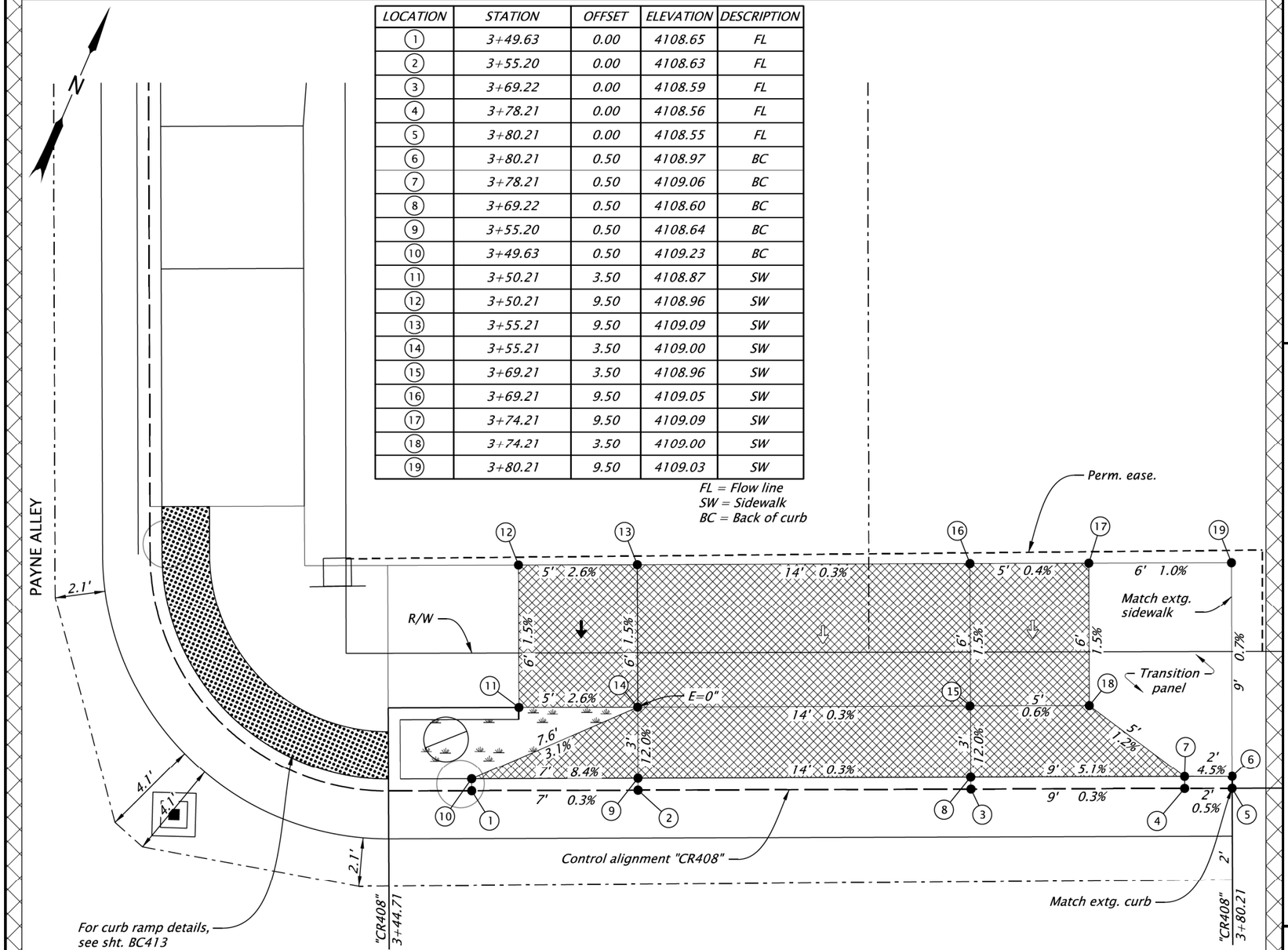
DRIVEWAY DETAILS

SHEET NO. BB401

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	3+49.63	0.00	4108.65	FL
2	3+55.20	0.00	4108.63	FL
3	3+69.22	0.00	4108.59	FL
4	3+78.21	0.00	4108.56	FL
5	3+80.21	0.00	4108.55	FL
6	3+80.21	0.50	4108.97	BC
7	3+78.21	0.50	4109.06	BC
8	3+69.22	0.50	4108.60	BC
9	3+55.20	0.50	4108.64	BC
10	3+49.63	0.50	4109.23	BC
11	3+50.21	3.50	4108.87	SW
12	3+50.21	9.50	4108.96	SW
13	3+55.21	9.50	4109.09	SW
14	3+55.21	3.50	4109.00	SW
15	3+69.21	3.50	4108.96	SW
16	3+69.21	9.50	4109.05	SW
17	3+74.21	9.50	4109.09	SW
18	3+74.21	3.50	4109.00	SW
19	3+80.21	9.50	4109.03	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



Driveway – P.C. conc.

Driveway paving area

Sidewalk

Rock mulch

Slope 1.5% max.
(Max. 2.0% finished surface slope)
(Normal sidewalk cross slope)

Slope 7.5% max.
(Max. 8.3% finished surface slope)
(Ramp length 15' max., measured along finished surface slope)

Point identifier

CONSTRUCTION NOTES:

1. See general construction sheet for details not shown.

2. See sht BA01 for ACP driveway landing detail.

3. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

US97 AT PAYNE ALLEY

KLAMATH FALLS SITE 4

5 2.5 0 5

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:39:26-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

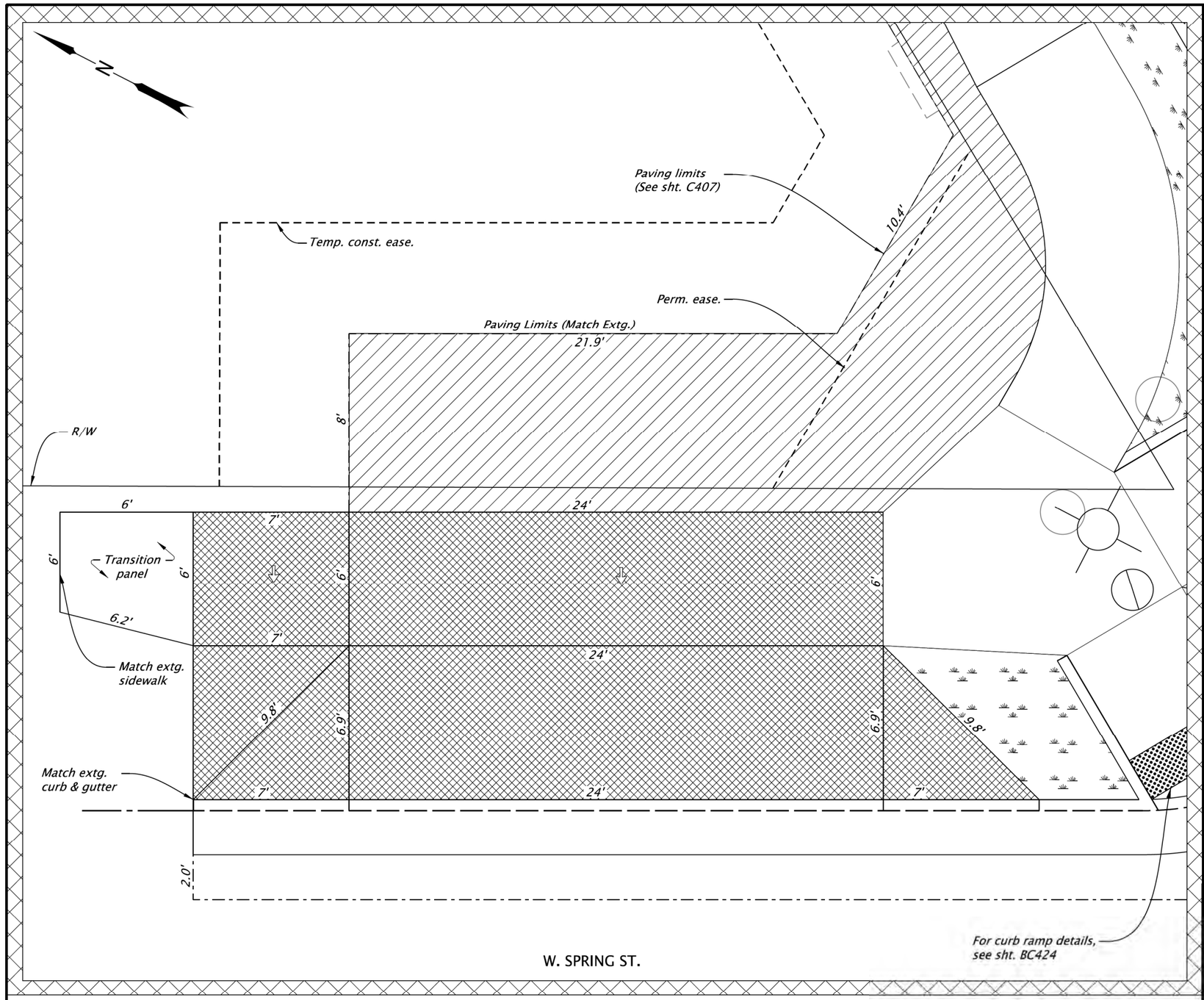
DRIVEWAY DETAILS

SHEET NO. BB402

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 23.3939° Scale: 1"=5'

55V-026



Driveway – P.C. conc.

Driveway paving area

Sidewalk

Rock mulch

Slope 1.5% max.
(Max. 2.0% finished surface slope)
(Normal sidewalk cross slope)

Slope 7.5% max.
(Max. 8.3% finished surface slope)
(Ramp length 15' max., measured along finished surface slope)

(#) Point identifier

CONSTRUCTION NOTES:

1. See general construction sheet for details not shown.

2. See sht BA01 for ACP driveway landing detail.

3. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

US 97 B AT N. SPRING ST.

KLAMATH FALLS SITE 7

5 2.5 0 5

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:39:36-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

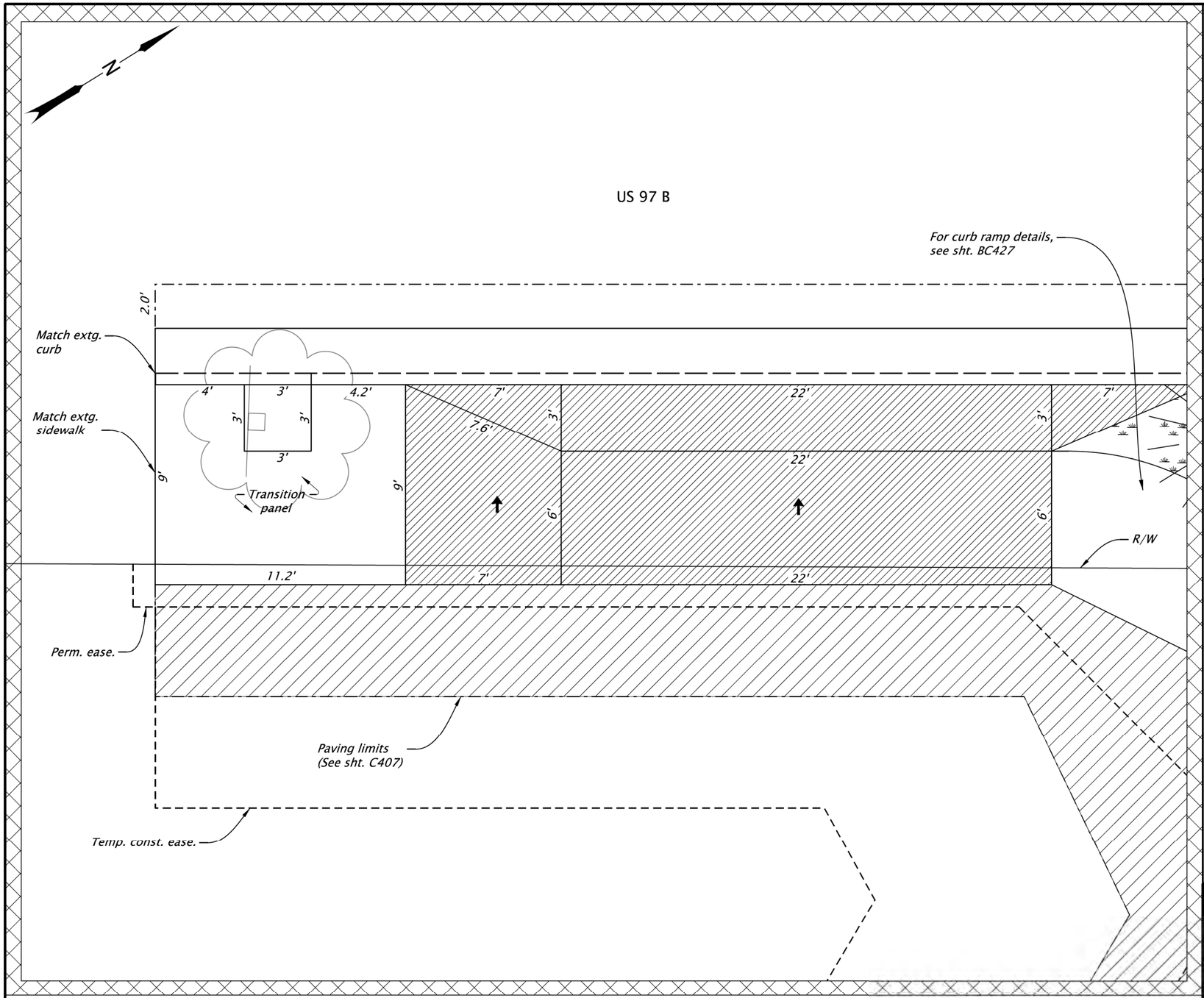
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

DRIVEWAY DETAILS

SHEET NO. BB403

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

US 97 B AT N. SPRING ST.

KLAMATH FALLS SITE 7

5 2.5 0 5

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:39:41-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby
Reviewer: Travis Kruger
Drafter: Stephanie Teeter
Checker: Jose Banuelos

DRIVEWAY DETAILS

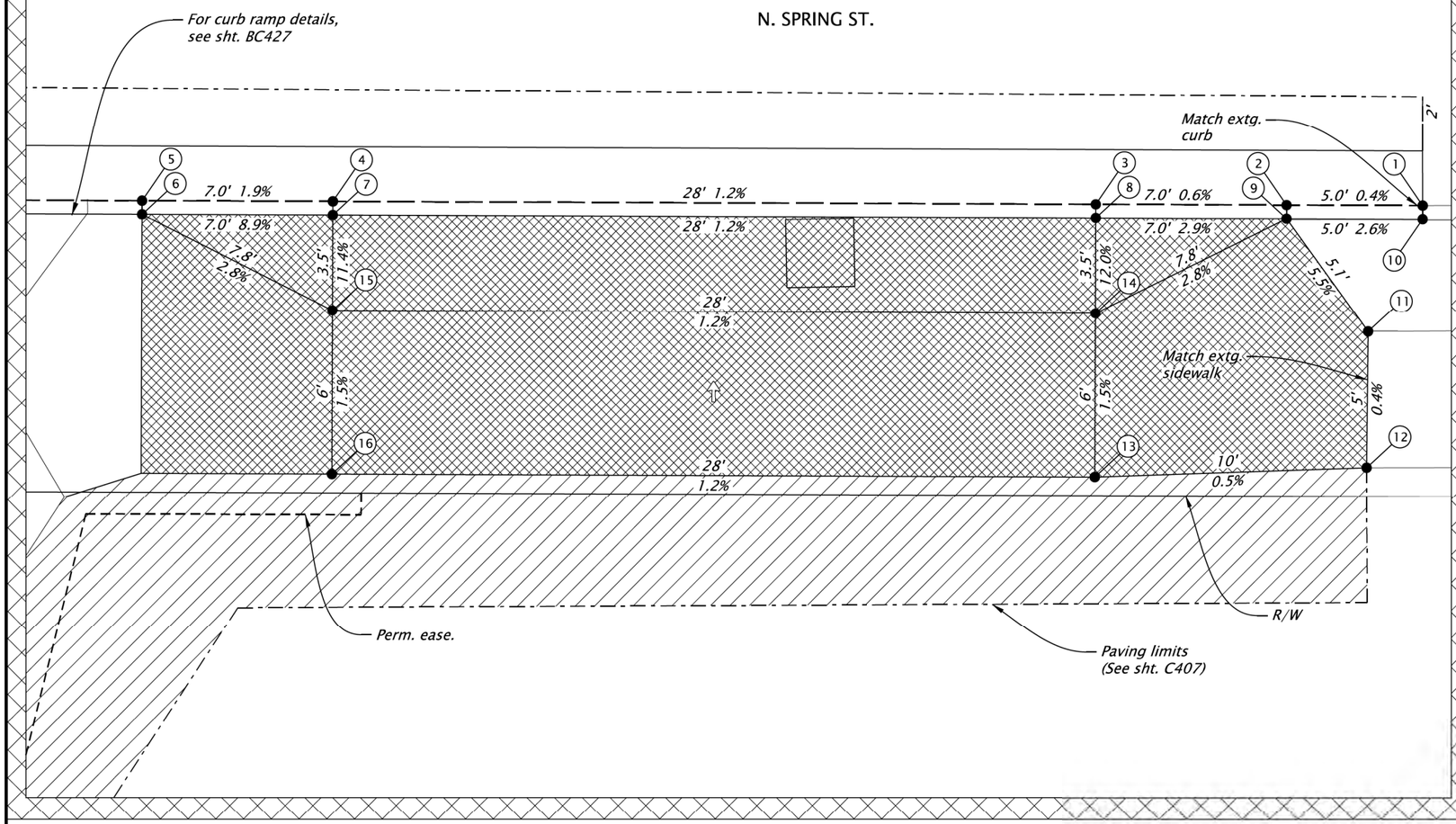
SHEET NO. BB404

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	3+05.00	0.00	4114.90	FL
2	3+10.00	0.00	4114.92	FL
3	3+17.00	0.00	4114.96	FL
4	3+45.00	0.00	4115.31	FL
5	3+52.00	0.00	4115.44	FL
6	3+52.00	0.50	4115.94	BC
7	3+45.00	0.50	4115.32	BC
8	3+17.00	0.50	4114.97	BC
9	3+10.00	0.50	4115.17	BC
10	3+05.00	0.50	4115.15	BC

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
11	3+06.99	4.63	4115.45	SW
12	3+07.02	9.62	4115.43	SW
13	3+17.00	9.65	4115.48	SW
14	3+17.00	4.65	4115.39	SW
15	3+45.00	4.00	4115.72	SW
16	3+45.00	10.00	4115.81	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



Driveway - P.C. conc.

Driveway paving area

Sidewalk

Rock mulch

Slope 1.5% max.
(Max. 2.0% finished surface slope)
(Normal sidewalk cross slope)

Slope 7.5% max.
(Max. 8.3% finished surface slope)
(Ramp length 15' max., measured along finished surface slope)

Point identifier

CONSTRUCTION NOTES:

1. See general construction sheet for details not shown.

2. See sht BA01 for ACP driveway landing detail.

3. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays
(See 00180.65)

US 97 B AT N. SPRING ST.

KLAMATH FALLS SITE 7

5 2.5 0 5

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:39:45-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

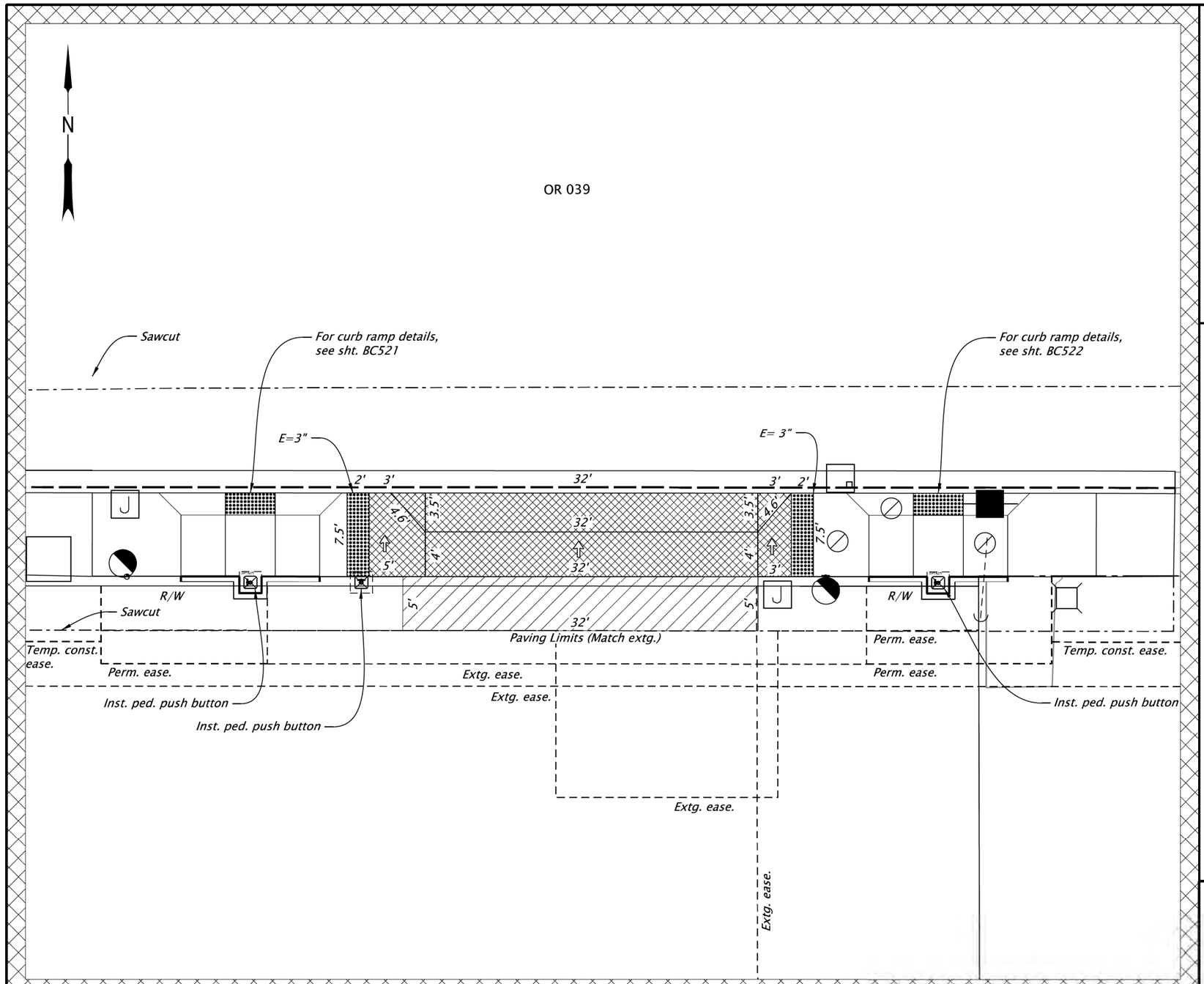
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

DRIVEWAY DETAILS

SHEET NO. BB405

55V-026



OR 039 AT CREST ST.

ALTAMONT SITE 8

10 5 0 10
FEET

Driveway - P.C. conc.

Driveway paving area

Sidewalk

Rock mulch

Slope 1.5% max.
(Max. 2.0% finished surface slope)
(Normal sidewalk cross slope)

Slope 7.5% max.
(Max. 8.3% finished surface slope)
(Ramp length 15' max., measured along finished surface slope)

CONSTRUCTION NOTES:

1. See general construction sheet for details not shown.

2. See sht BA01 for ACP driveway landing detail.

3. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:35:48-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

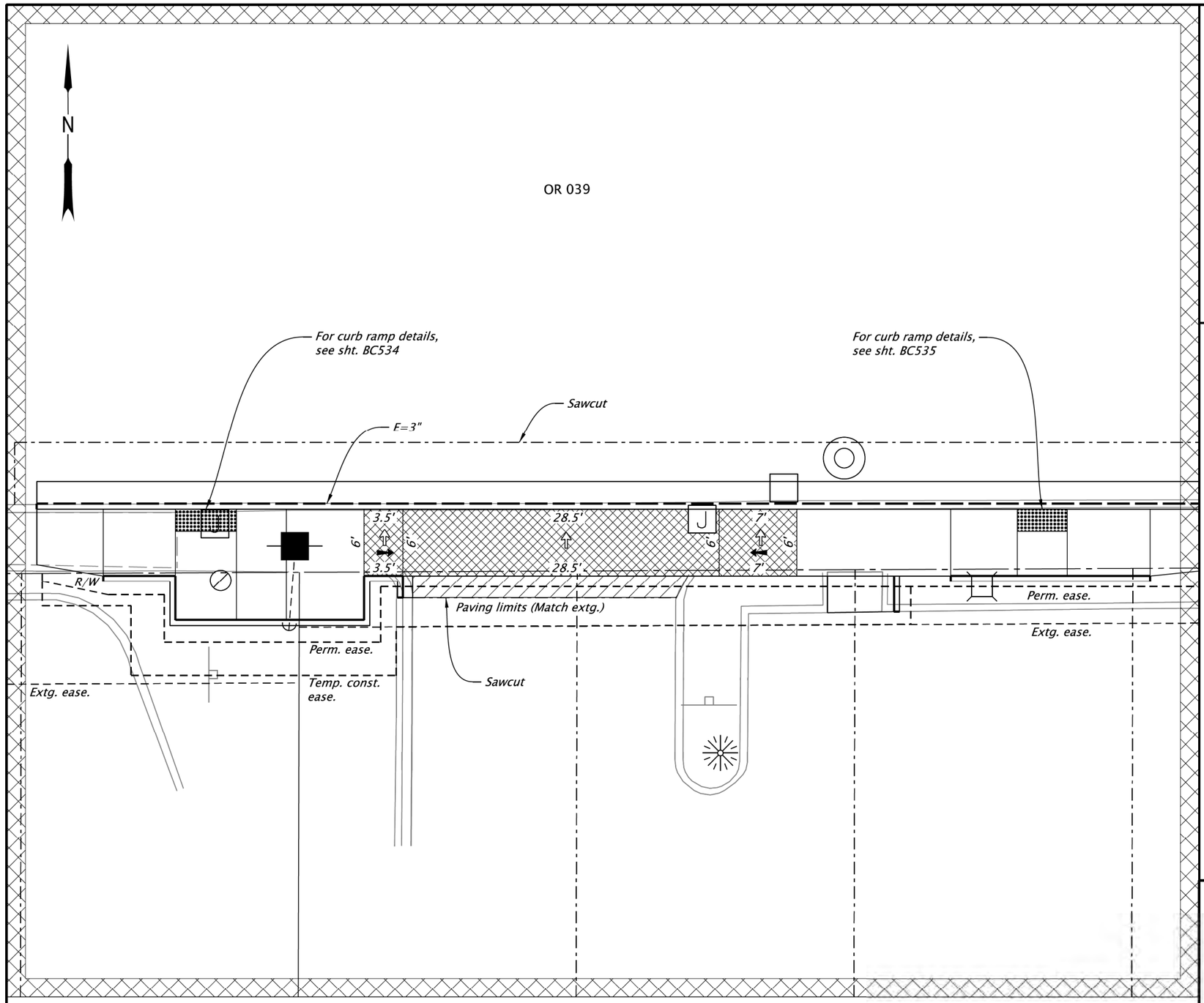
DRIVEWAY DETAILS

SHEET NO. BB501

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1"=10'

55V-026



OR 039 AT HOPE ST. (MP 3.57)

ALTAMONT SITE 15

10 5 0 10
FEET

Driveway – P.C. conc.

Driveway paving area

Sidewalk

Rock mulch

Slope 1.5% max.
(Max. 2.0% finished surface slope)
(Normal sidewalk cross slope)

Slope 7.5% max.
(Max. 8.3% finished surface slope)
(Ramp length 15' max., measured along finished surface slope)

CONSTRUCTION NOTES:

1. See general construction sheet for details not shown.

2. See sht BA01 for ACP driveway landing detail.

3. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:36:22-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

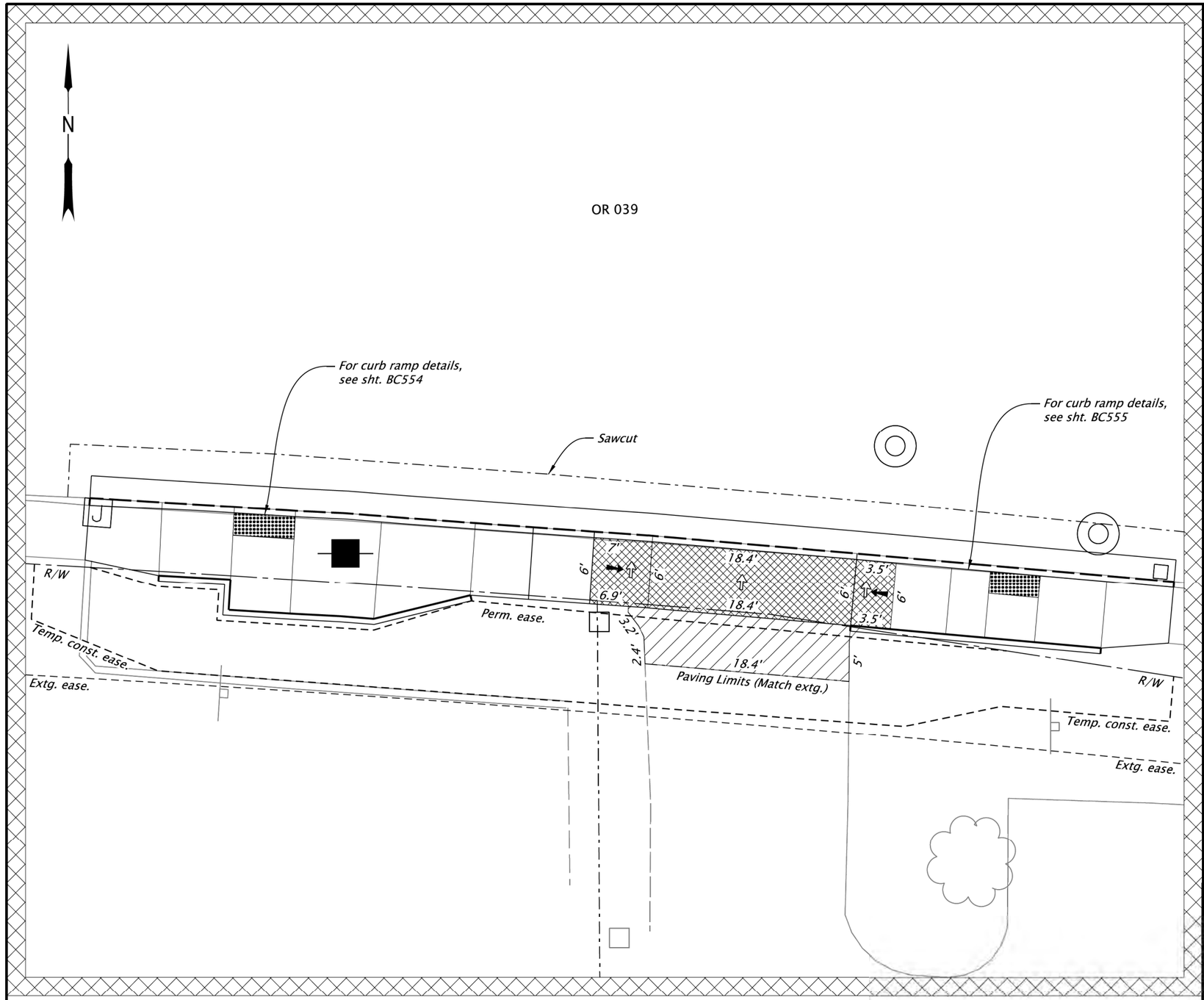
Designer: Ryan Stephens | Reviewer: Stan Petroff
Drafter: Serban Dinca | Checker: Jack Mitchell

DRIVEWAY DETAILS

SHEET NO. BB502

Rotation: 0° Scale: 1"=10'

55V-026



OR 039 AT OGDEN ST.

ALTAMONT SITE 24

10 5 0 10
FEET

Driveway – P.C. conc.

Driveway paving area

Sidewalk

Rock mulch

Slope 1.5% max.
(Max. 2.0% finished surface slope)
(Normal sidewalk cross slope)

Slope 7.5% max.
(Max. 8.3% finished surface slope)
(Ramp length 15' max., measured along finished surface slope)

CONSTRUCTION NOTES:

1. See general construction sheet for details not shown.

2. See sht BA01 for ACP driveway landing detail.

3. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:36:56-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens
Reviewer: Stan Petroff
Drafter: Serban Dinca
Checker: Jack Mitchell

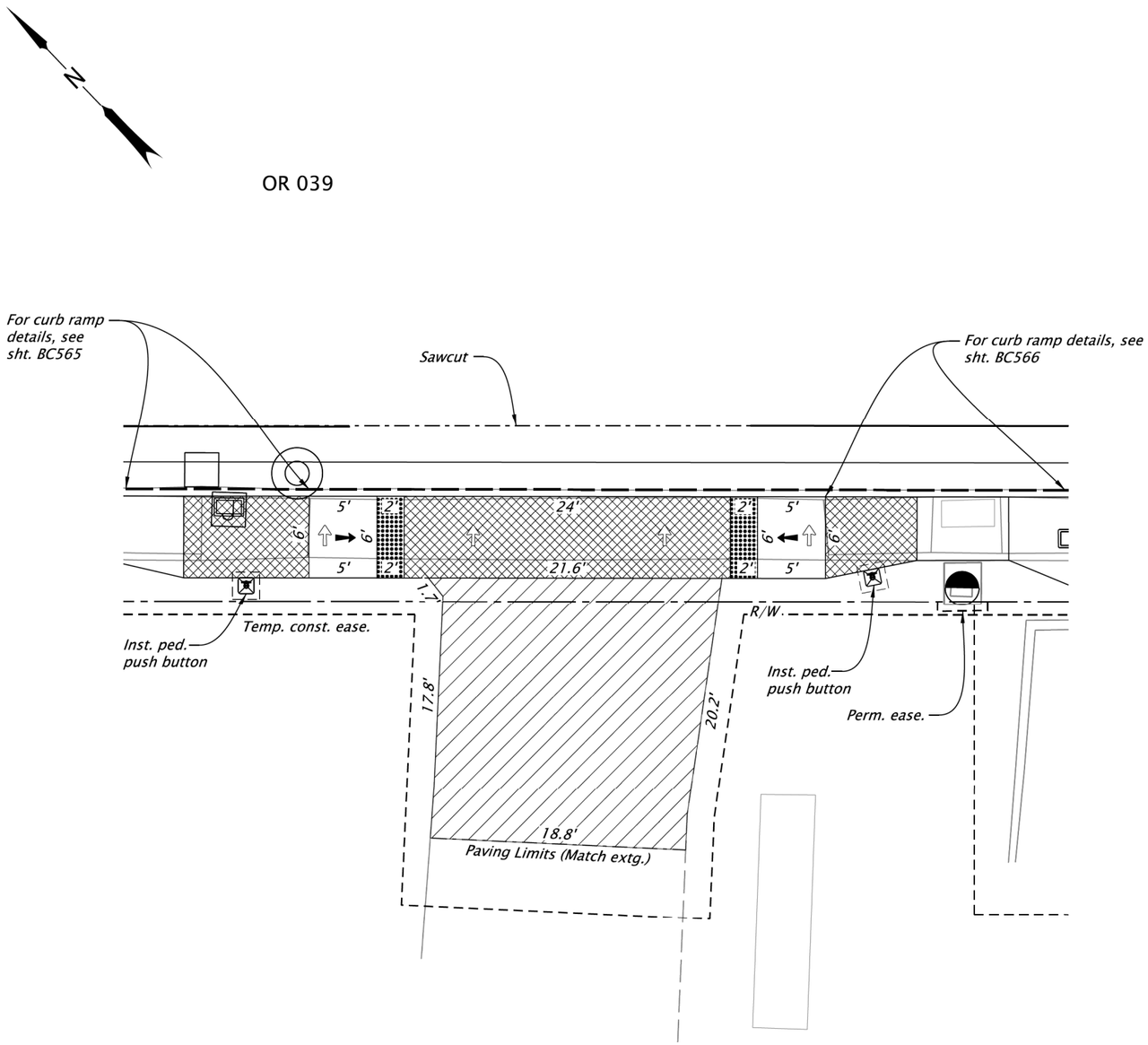
DRIVEWAY DETAILS

SHEET NO. BB503

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1"=10'

55V-026



OR 039 AT ENTRANCE TO HOME DEPOT

ALTAMONT SITE 27

10 5 0 10
FEET

Driveway - P.C. conc.

Driveway paving area

Sidewalk

Rock mulch

Slope 1.5% max.
(Max. 2.0% finished surface slope)
(Normal sidewalk cross slope)

Slope 7.5% max.
(Max. 8.3% finished surface slope)
(Ramp length 15' max., measured along finished surface slope)

CONSTRUCTION NOTES:

1. *See general construction sheet for details not shown.*
2. *See sht BA01 for ACP driveway landing detail.*
3. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:37:24-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens | Reviewer: Stan Petroff
Drafter: Serban Dinca | Checker: Jack Mitchell

DRIVEWAY DETAILS

SHEET NO. BB504

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 316.1335° Scale: 1"=10'

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	07+51.52	0.00	4072.12	FL
2	07+57.52	0.00	4072.14	FL
3	07+64.52	0.00	4072.16	FL
4	08+00.00	0.00	4072.05	FL
5	08+09.32	0.00	4072.03	FL
6	08+16.32	0.00	4072.01	FL
7	08+22.32	0.00	4071.99	FL
8	07+51.52	0.50	4072.63	BC
9	07+57.52	0.50	4072.15	BC
10	07+64.52	0.50	4072.17	BC
11	08+00.00	0.50	4072.06	BC
12	08+09.32	0.50	4072.04	BC

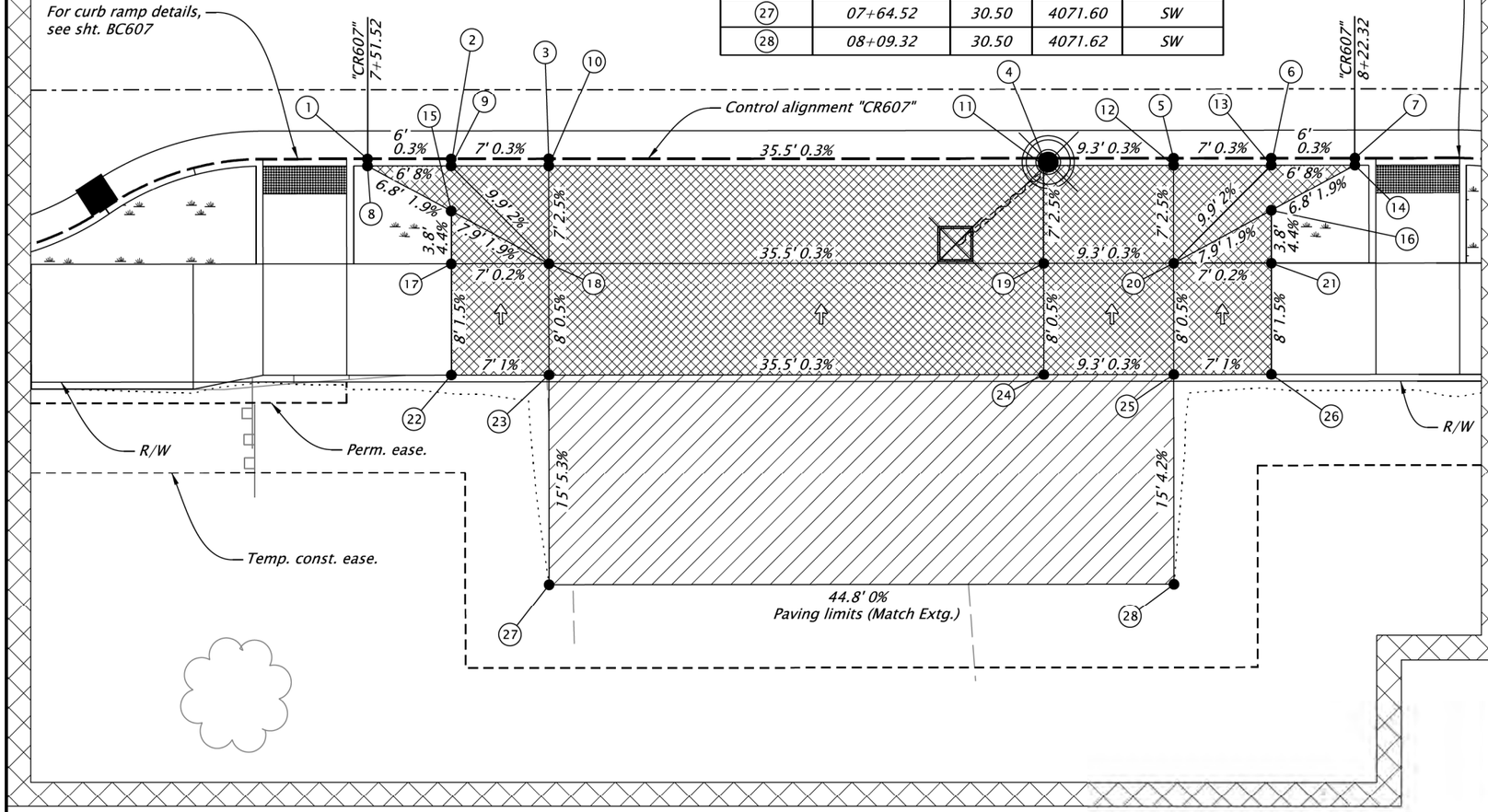
LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
13	08+16.32	0.50	4072.02	BC
14	08+22.32	0.50	4072.50	BC
15	07+57.52	2.60	4072.50	SW
16	08+16.32	2.60	4072.37	SW
17	07+57.53	7.49	4072.34	SW
18	07+64.52	7.49	4072.35	SW
19	08+00.00	7.50	4072.24	SW
20	08+09.32	7.50	4072.21	SW
21	08+16.32	7.50	4072.20	SW
22	07+57.52	15.50	4072.46	SW
23	07+64.52	15.50	4072.39	SW
24	08+00.00	15.50	4072.28	SW
25	08+09.32	15.50	4072.25	SW
26	08+16.32	15.50	4072.32	SW
27	07+64.52	30.50	4071.60	SW
28	08+09.32	30.50	4071.62	SW

N

For curb ramp details, see sht. BC608

FL = Flow line
SW = Sidewalk
BC = Back of curb

OR 39



OR 39 AT N JEFFERSON ST.

MERRILL SITE 3

10 5 0 10

Driveway - P.C. conc.

Driveway paving area

Sidewalk

Rock mulch

Slope 1.5% max.
(Max. 2.0% finished surface slope)
(Normal sidewalk cross slope)

Slope 7.5% max.
(Max. 8.3% finished surface slope)
(Ramp length 15' max., measured along finished surface slope)

Point identifier

CONSTRUCTION NOTES:

1. See general construction sheet for details not shown.

2. See sht BA01 for ACP driveway landing detail.

3. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.10.12 10:11:10 -07'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH

EXPIRES 6-30-23

EMERIO
ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner
Drafter: Stuart Smith
Reviewer: Mike Hohbach
Checker: Tony Quinn

DRIVEWAY DETAILS

SHEET NO.
BB601

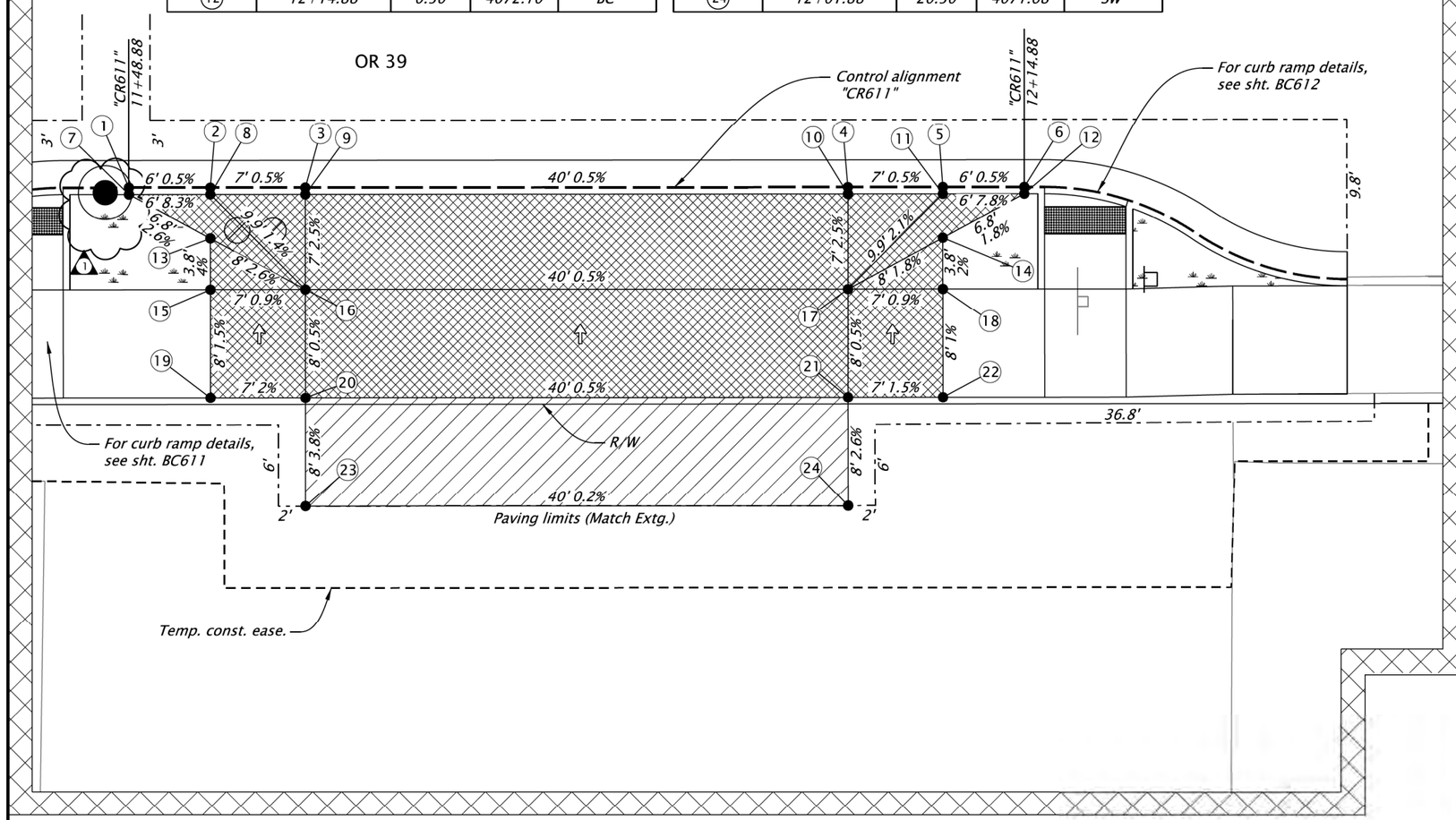
FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	11+48.88	0.00	4071.92	FL
2	11+54.88	0.00	4071.89	FL
3	11+61.88	0.00	4071.86	FL
4	12+01.88	0.00	4071.66	FL
5	12+08.88	0.00	4071.62	FL
6	12+14.88	0.00	4071.59	FL
7	11+48.88	0.50	4072.43	BC
8	11+54.88	0.50	4071.90	BC
9	11+61.88	0.50	4071.87	BC
10	12+01.88	0.50	4071.67	BC
11	12+08.88	0.50	4071.63	BC
12	12+14.88	0.50	4072.10	BC

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
13	11+54.88	2.60	4072.25	SW
14	12+08.88	2.60	4071.98	SW
15	11+54.88	7.50	4072.10	SW
16	11+61.88	7.50	4072.04	SW
17	12+01.88	7.50	4071.84	SW
18	12+08.88	7.50	4071.91	SW
19	11+54.88	15.50	4072.22	SW
20	11+61.88	15.50	4072.08	SW
21	12+01.88	15.50	4071.88	SW
22	12+08.88	15.50	4071.99	SW
23	11+61.88	20.50	4071.78	SW
24	12+01.88	20.50	4071.68	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



OR 39 AT N MONROE ST.

MERRILL SITE 4

10 5 0 10

Driveway – P.C. conc.

Driveway paving area

Sidewalk

Rock mulch

Slope 1.5% max.
(Max. 2.0% finished surface slope)
(Normal sidewalk cross slope)

Slope 7.5% max.
(Max. 8.3% finished surface slope)
(Ramp length 15' max., measured along finished surface slope)

Point identifier

CONSTRUCTION NOTES:

1. See general construction sheet for details not shown.

2. See sht BA01 for ACP driveway landing detail.

3. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

No.	DATE	REVISIONS	BY
1	12-31-21	Storm Sewer	L.C.H.

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2022.01.05 13:50:40 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH

EXPIRES 6-30-23

EMERIO
ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner
Drafter: Stuart Smith
Reviewer: Mike Hohbach
Checker: Tony Quinn

DRIVEWAY DETAILS

SHEET NO.
BB602

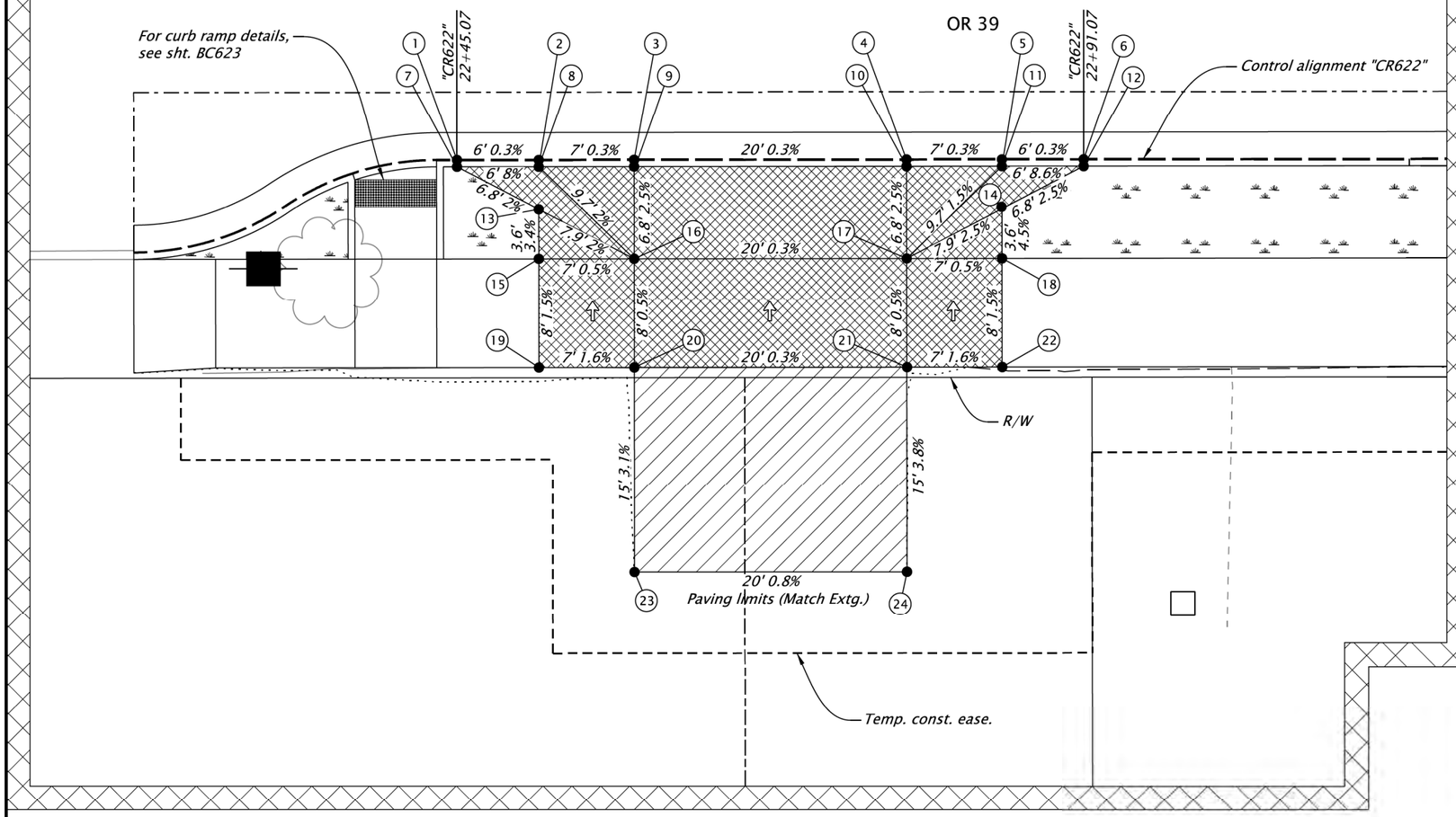
FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	22+45.07	0.00	4069.56	FL
2	22+51.07	0.00	4069.58	FL
3	22+58.07	0.00	4069.60	FL
4	22+78.07	0.00	4069.54	FL
5	22+85.07	0.00	4069.56	FL
6	22+91.07	0.00	4069.58	FL
7	22+48.07	0.50	4070.07	BC
8	22+51.07	0.50	4069.59	BC
9	22+58.07	0.50	4069.61	BC
10	22+78.07	0.50	4069.55	BC
11	22+85.07	0.50	4069.57	BC
12	22+92.07	0.50	4070.09	BC

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
13	22+51.07	3.61	4069.93	SW
14	22+85.07	3.61	4069.92	SW
15	22+51.07	7.25	4069.81	SW
16	22+58.07	7.25	4069.78	SW
17	22+78.07	7.25	4069.72	SW
18	22+85.07	7.25	4069.75	SW
19	22+51.07	15.25	4069.93	SW
20	22+58.07	15.25	4069.82	SW
21	22+78.07	15.25	4069.76	SW
22	22+85.07	15.25	4069.87	SW
23	22+58.07	30.25	4069.34	SW
24	22+78.07	30.25	4069.19	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



Driveway – P.C. conc.

Driveway paving area

Sidewalk

Rock mulch

Slope 1.5% max.
(Max. 2.0% finished surface slope)
(Normal sidewalk cross slope)

Slope 7.5% max.
(Max. 8.3% finished surface slope)
(Ramp length 15' max., measured along finished surface slope)

Point identifier

CONSTRUCTION NOTES:

1. See general construction sheet for details not shown.

2. See sht BA01 for ACP driveway landing detail.

3. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 39 AT N MADISON ST.

MERRILL SITE 7

10 5 0 10

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.10.20 12:22:08 -07'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH

EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner | Reviewer: Mike Hohbach
Drafter: Stuart Smith | Checker: Tony Quinn

DRIVEWAY DETAILS

SHEET NO. BB603

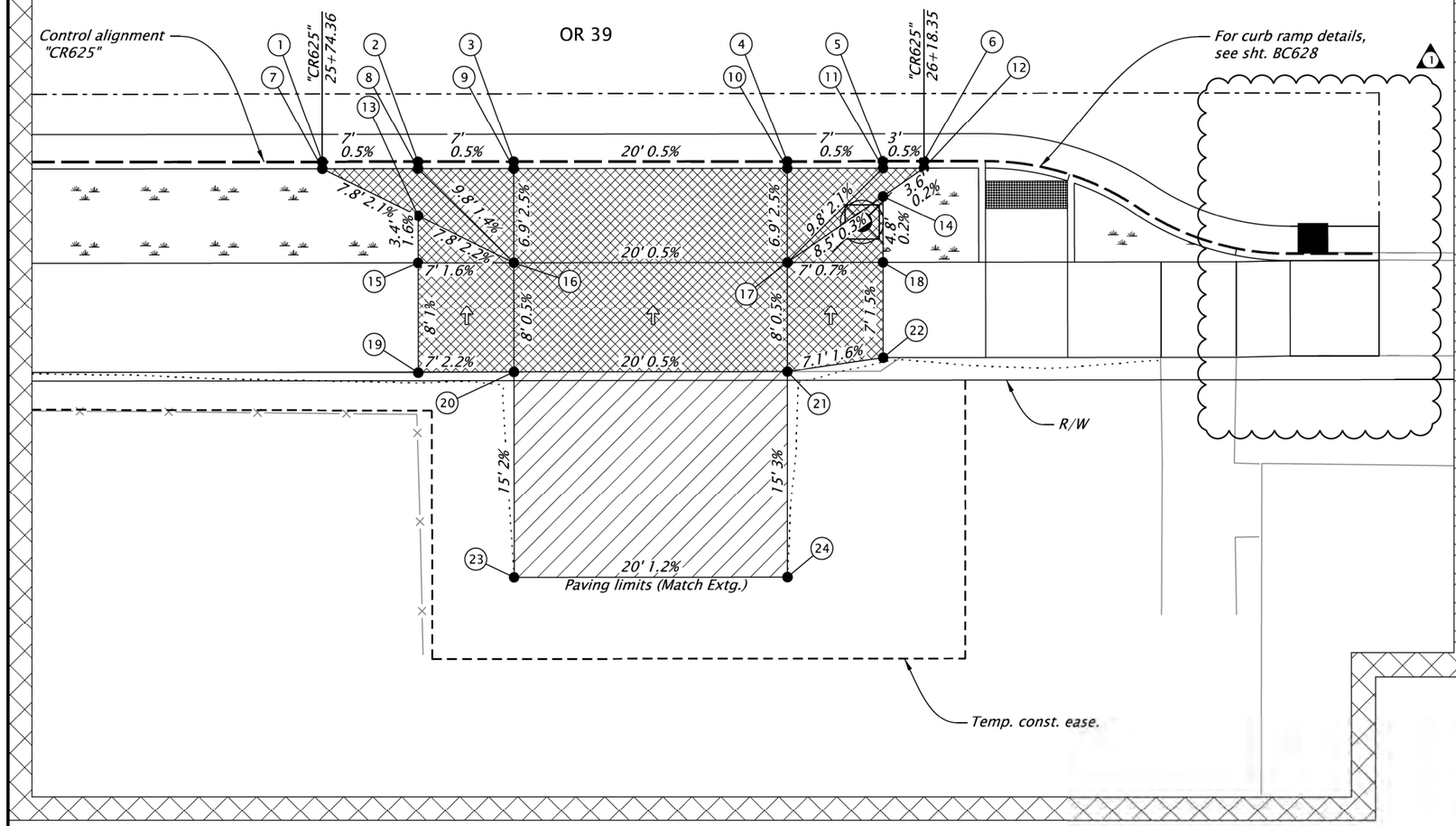
FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	25+74.36	0.00	4069.58	FL
2	25+81.36	0.00	4069.61	FL
3	25+88.36	0.00	4069.58	FL
4	26+08.36	0.00	4069.48	FL
5	26+15.36	0.00	4069.44	FL
6	26+18.35	0.00	4069.43	FL
7	25+74.36	0.50	4070.09	BC
8	25+81.36	0.50	4069.62	BC
9	25+88.36	0.50	4069.59	BC
10	26+08.36	0.50	4069.49	BC
11	26+15.36	0.50	4069.45	BC
12	26+18.35	0.50	4069.69	BC

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
13	25+81.36	3.93	4069.93	SW
14	26+15.36	2.56	4069.68	SW
15	25+81.36	7.37	4069.87	SW
16	25+88.36	7.37	4069.76	SW
17	26+08.36	7.37	4069.66	SW
18	26+15.36	7.37	4069.70	SW
19	25+81.36	15.37	4069.95	SW
20	25+88.36	15.37	4069.80	SW
21	26+08.36	15.37	4069.70	SW
22	26+15.36	14.37	4069.81	SW
23	25+88.36	30.37	4069.49	SW
24	26+08.36	30.37	4069.25	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



OR 39 AT N CLAY ST.

MERRILL SITE 8

10 5 0 10

Driveway – P.C. conc.

Driveway paving area

Sidewalk

Rock mulch

Slope 1.5% max.
(Max. 2.0% finished surface slope)
(Normal sidewalk cross slope)

Slope 7.5% max.
(Max. 8.3% finished surface slope)
(Ramp length 15' max., measured along finished surface slope)

Point identifier

CONSTRUCTION NOTES:

1. See general construction sheet for details not shown.

2. See sht BA01 for ACP driveway landing detail.

3. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

No.	DATE	REVISIONS	BY
1	12-31-21	Storm Sewer	L.C.H.

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2022.01.05 13:49:49 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH

EXPIRES 6-30-23

EMERIO
ENGINEERING • SURVEYING • DESIGN

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner
Reviewer: Mike Hohbach
Drafter: Stuart Smith
Checker: Tony Quinn

DRIVEWAY DETAILS

SHEET NO.
BB604

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

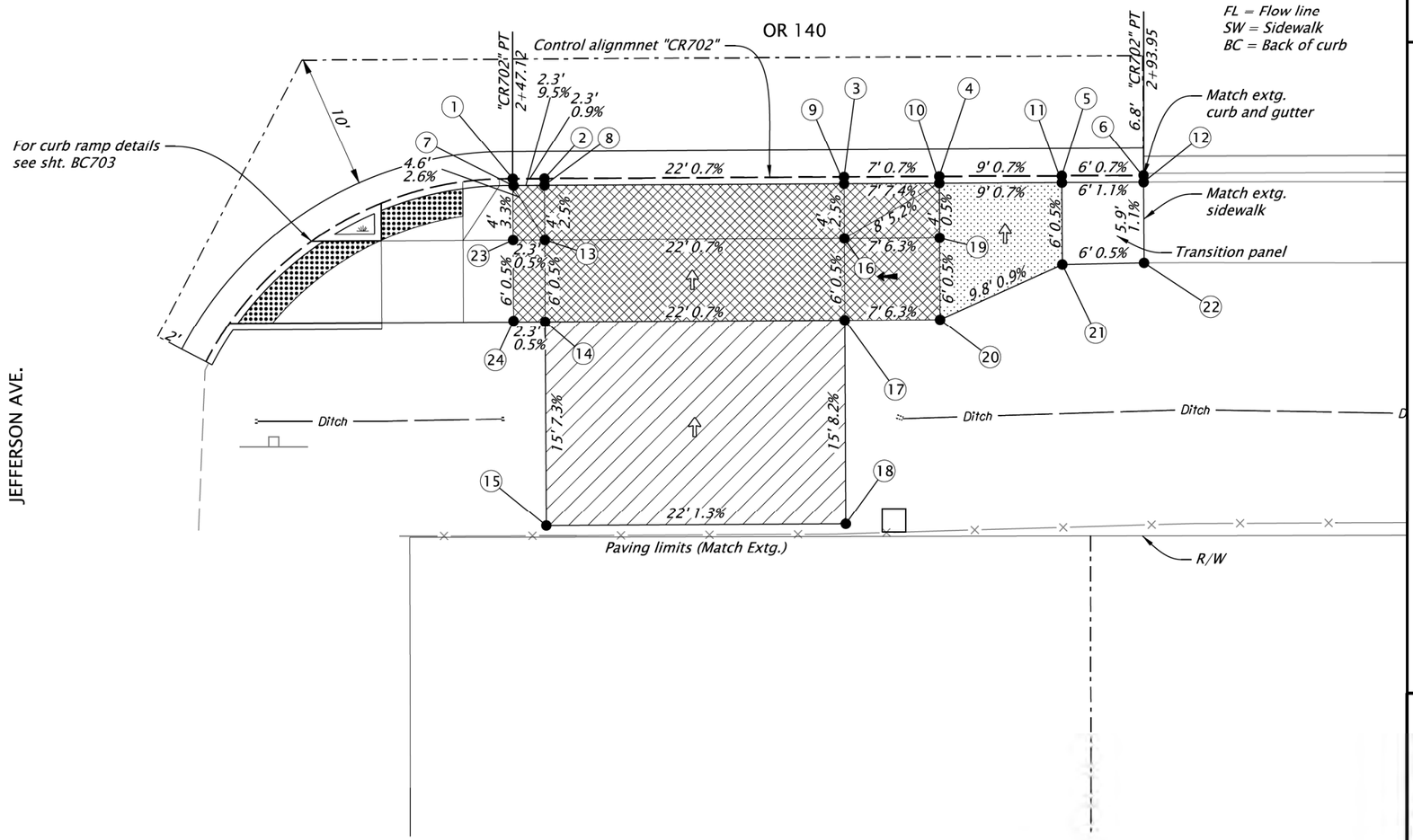
Rotation: 0° Scale: 1" = 10'

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	2+47.62	0.00	4351.69	FL
2	2+49.95	0.00	4351.71	FL
3	2+71.95	0.00	4351.55	FL
4	2+78.95	0.00	4351.50	FL
5	2+87.95	0.00	4351.43	FL
6	2+93.95	0.00	4351.39	FL
7	2+47.62	0.50	4351.94	BC
8	2+49.95	0.50	4351.72	BC
9	2+71.95	0.50	4351.56	BC
10	2+78.95	0.50	4352.08	BC
11	2+87.95	0.50	4352.01	BC
12	2+93.95	0.50	4351.95	BC

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
13	2+49.95	4.50	4351.82	SW
14	2+49.95	10.50	4351.85	SW
15	2+49.95	25.50	4350.75	SW
16	2+71.95	4.50	4351.66	SW
17	2+71.95	10.50	4351.69	SW
18	2+71.95	25.50	4350.47	SW
19	2+78.95	4.50	4352.10	SW
20	2+78.95	10.50	4352.13	SW
21	2+87.95	6.50	4352.04	SW
22	2+93.95	6.41	4352.01	SW
23	2+47.62	4.50	4351.81	SW
24	2+47.62	10.50	4351.84	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



OR 140 AT JEFFERSON AVE.

BEATTY SITE 2 - CORNER 2

10 5 0 10

Driveway – P.C. conc.

Driveway paving area

Sidewalk

Rock mulch

Slope 1.5% max.
(Max. 2.0% finished surface slope)
(Normal sidewalk cross slope)

Slope 7.5% max.
(Max. 8.3% finished surface slope)
(Ramp length 15' max., measured along finished surface slope)

Point identifier

CONSTRUCTION NOTES:

1. See general construction sheet for details not shown.

2. See sht BA01 for ACP driveway landing detail.

3. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.10.08 11:05:58 -07'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner
Reviewer: Mike Hohbach
Drafter: Stuart Smith
Checker: Tony Quinn

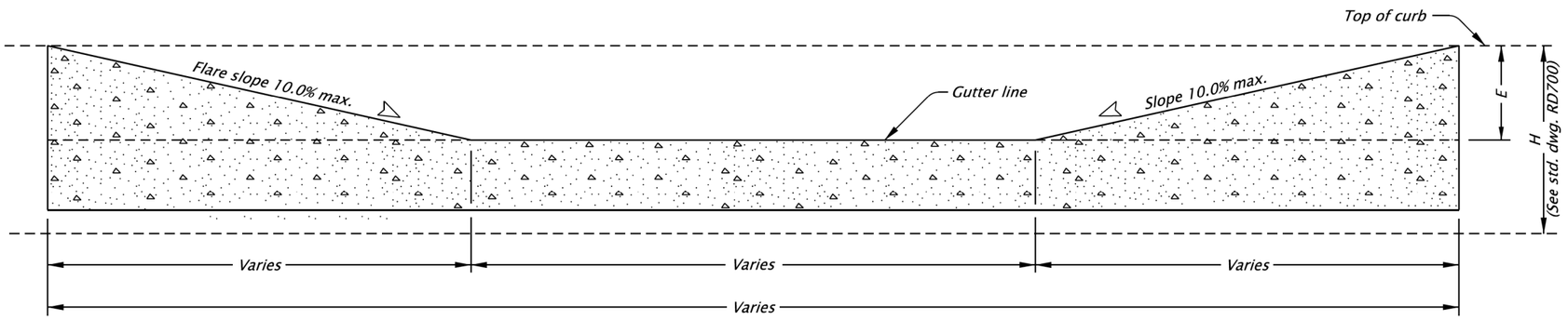
DRIVEWAY DETAILS

SHEET NO. BB701

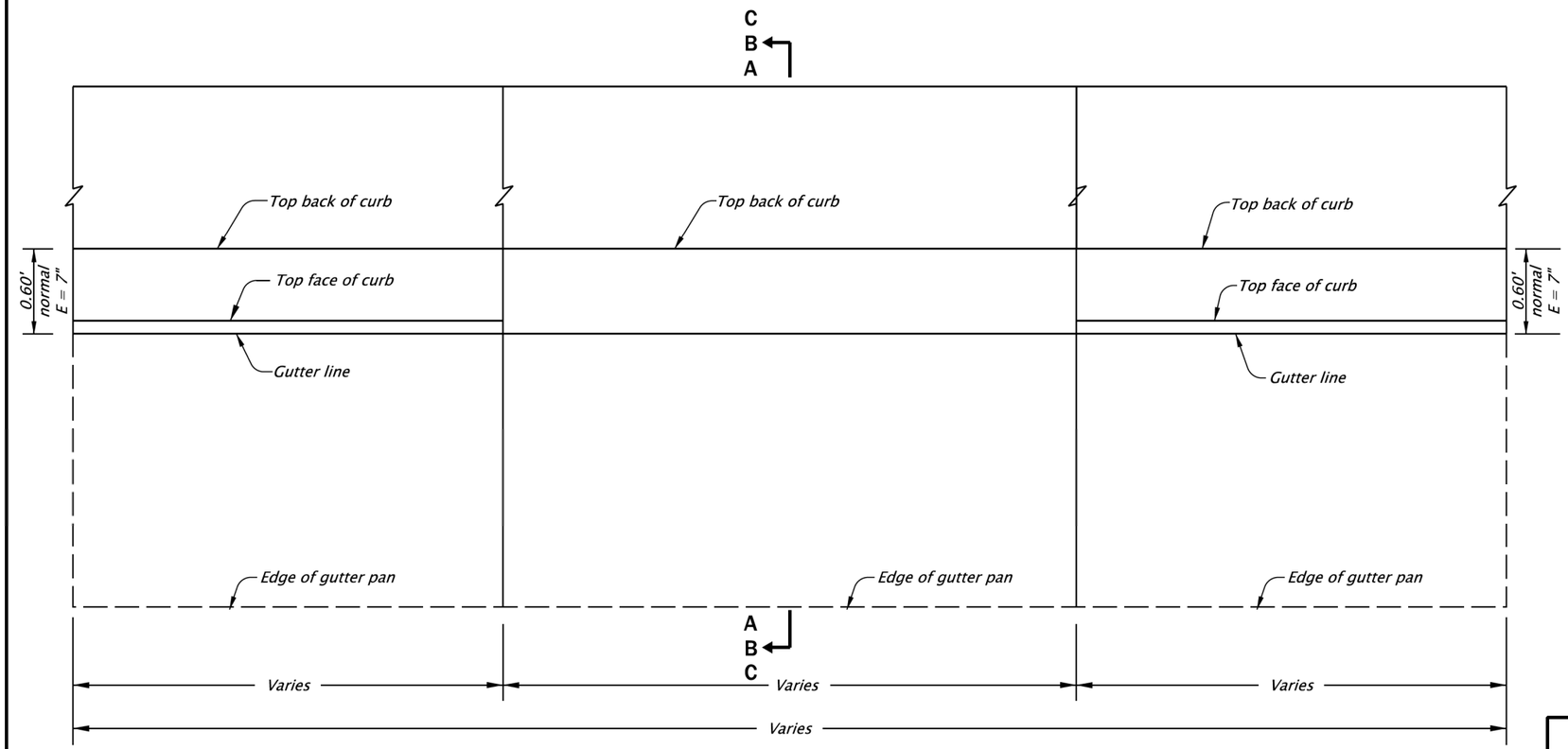
FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1" = 10'

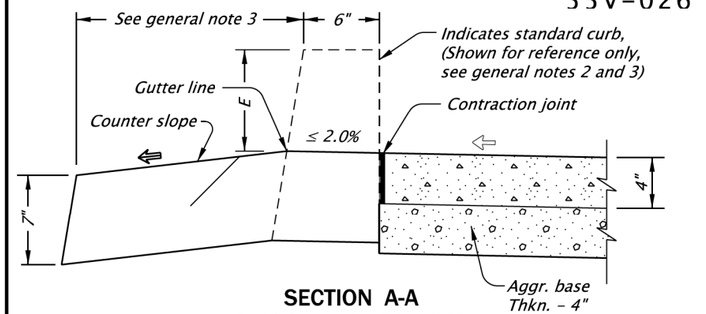
55V-026



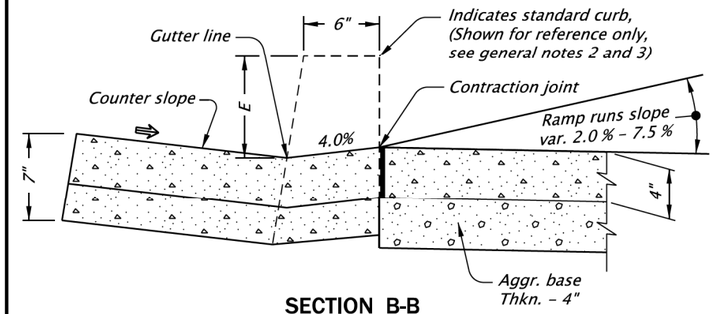
ELEVATION



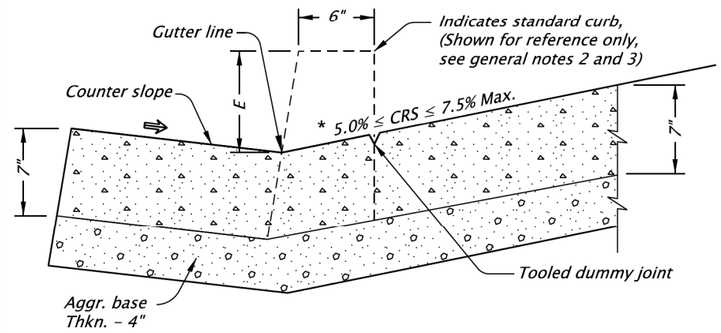
PLAN



SECTION A-A
CURB RUNNING SLOPE ≤ 2.0%
For use with raised, or superelevated crossings.



SECTION B-B
CURB RUNNING SLOPE = 4.0%
For parallel, depressed corners, and combination perpendicular blended transition ramps.



SECTION C-C
CURB RUNNING SLOPE ≥ 5.0%
** Monolithic curb const. reqd.*
Ramp run slope must equal curb running slope.

GENERAL NOTES FOR ALL DETAILS:

1. *Curb exposure "E" = 6" to 9". Vary as shown on project plans, or as directed.*
2. *See dwg. no. RD700, and project plans, for curb details.*
3. *Width to match adjacent gutter pan, if present.*
4. *For profile and cross slope, see project plans.*
5. *Curb return flow line may be adjusted at ramp to meet required 2" maximum separation between curb and front of detectable warning surface. Surface water must continue to flow along curb face.*

LEGEND:

⇦ *Slope 1.5% max. (Max. 2.0% finished surface slope) (Normal sidewalk cross slope)*

⇦ *Counter slope 4.0% max. ascending or descending, slope as required for drainage*

◁ *Flare slope (Max. 10.0% finished surface slope)*

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:39:50-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

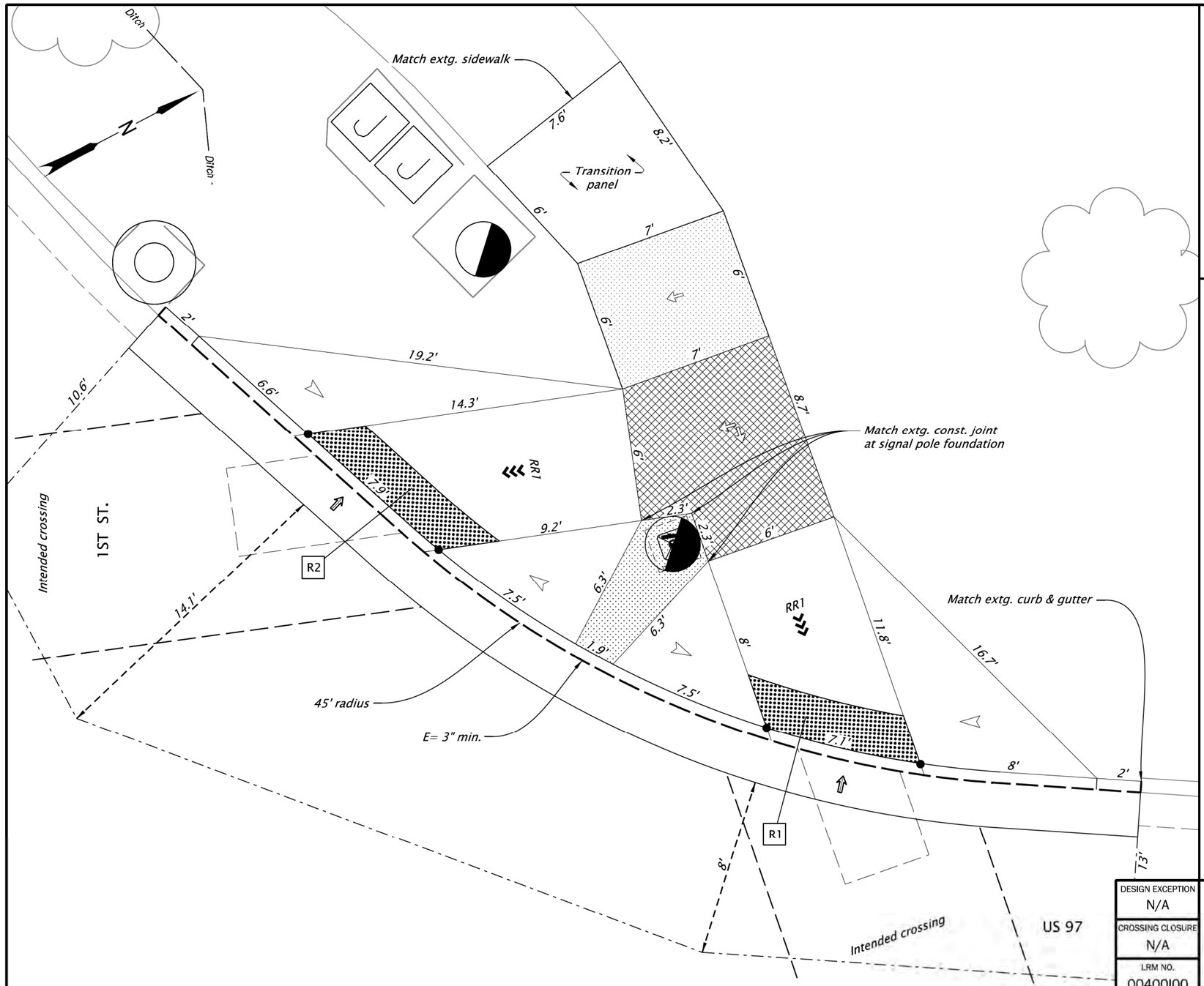
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

CURB RAMP DETAILS

SHEET NO. BC01

55V-026



US97 AT 1ST ST.

LA PINE SITE 1 - CORNER 1

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	00400100
HWY: 004 M.P.: 167.50	
CORNER POSITION	1
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.11.09 16:03:03-08'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

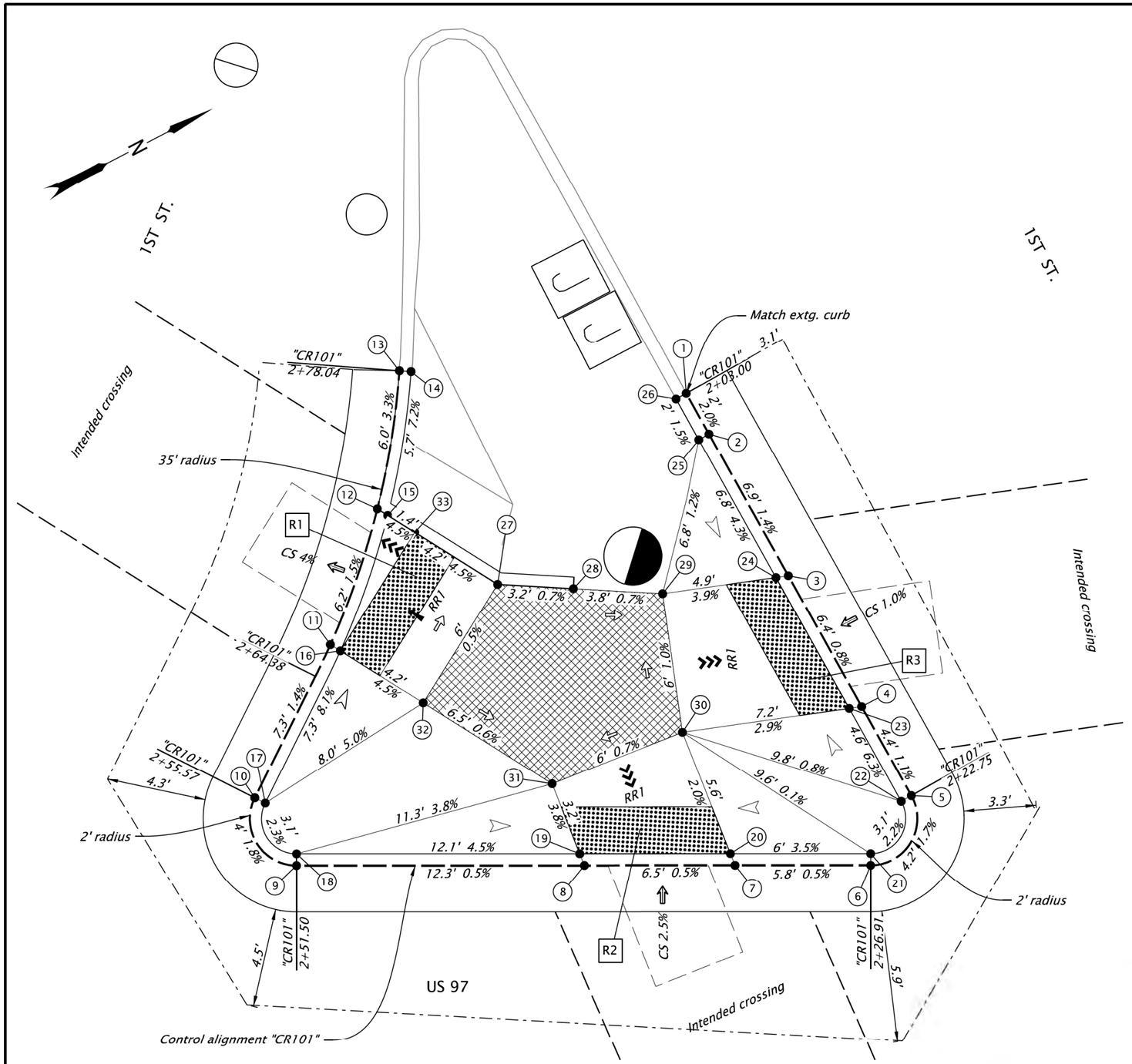
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Juan Cruz
Reviewer: Travis Kruger
Drafter: Stephanie Teeter
Checker: Jose Banuelos

CURB RAMP DETAILS

SHEET NO. BC101

55V-026



US97 AT 1ST ST.

LA PINE SITE 1 - CORNER 2A

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' / DE x.x% — *Design exception component*

Point identifier

Ramp number

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

GENERAL NOTES:

1. *See next sheet for table.*

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	00400100
HWY: 004 M.P.: 167.50	
CORNER POSITION	2A
RAMP NO.	1, 2 & 3

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:40:06-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Juan Cruz — Reviewer: Travis Kruger
Drafter: Stephanie Teeter — Checker: Jose Banuelos

CURB RAMP DETAILS — SHEET NO. BC102

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	1+00.00	0.00	4234.09	FL
2	1+03.00	0.00	4234.13	FL
3	1+10.74	0.00	4234.23	FL
4	1+16.91	0.00	4234.28	FL
5	1+24.22	0.00	4234.33	FL
6	1+28.29	0.00	4234.26	FL
7	1+34.42	0.00	4234.29	FL
8	1+40.62	0.00	4234.33	FL
9	1+52.88	0.00	4234.39	FL
10	1+57.04	0.00	4234.32	FL
11	1+61.40	0.00	4234.22	FL
12	1+67.83	0.00	4234.13	FL
13	1+74.79	0.00	4233.93	FL
14	1+03.00	0.50	4234.22	BC
15	1+10.90	0.50	4234.14	BC
16	1+16.98	0.50	4234.23	BC
17	1+24.22	0.50	4234.82	BC
18	1+28.29	0.50	4234.89	BC
19	1+40.42	0.50	4234.34	BC
20	1+46.87	0.50	4234.30	BC
21	1+52.88	0.50	4234.51	BC
22	1+57.04	0.50	4234.58	BC
23	1+61.59	0.50	4234.29	BC
24	1+68.02	0.50	4234.24	BC
25	1+74.79	0.50	4234.52	BC
26	1+76.79	0.50	4234.49	BC
27	1+12.03	4.46	4234.39	SW
28	1+71.85	8.30	4234.41	SW
29	1+69.79	5.07	4234.44	SW
30	1+44.82	5.69	4234.50	SW
31	1+39.24	3.49	4234.46	SW
32	1+17.33	3.25	4234.42	SW
33	1+65.49	1.80	4234.20	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb

US97 AT 1ST ST.

LA PINE SITE 1 - CORNER 2A

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	00400100
HWY: 004 M.P.: 167.50	
CORNER POSITION	2A
RAMP NO.	1, 2 & 3

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:40:14-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Juan Cruz | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

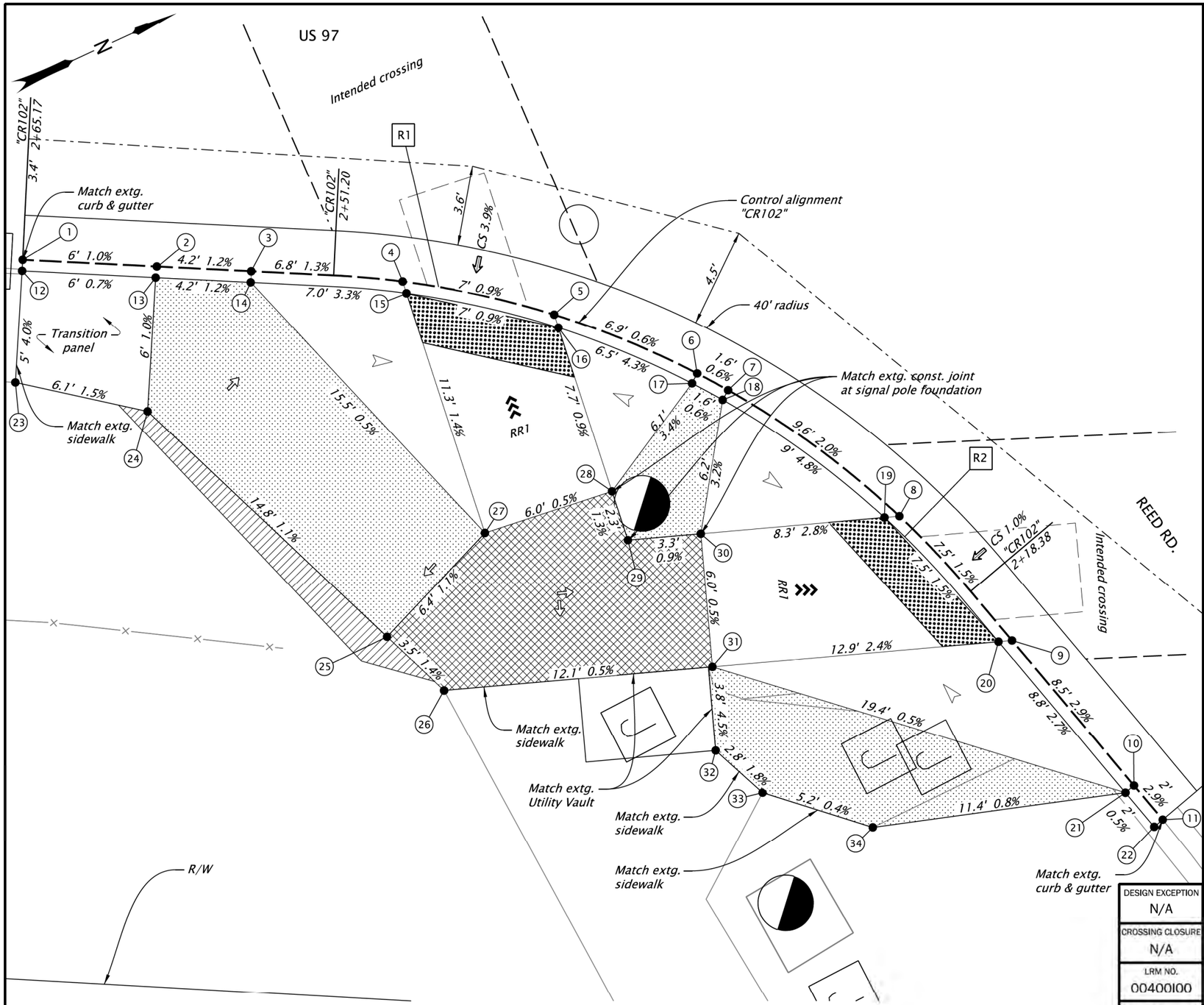
CURB RAMP DETAILS

SHEET NO. BC103

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 62.6187° Scale: 1"=5'

55V-026



US 97 AT REED RD.

LA PINE SITE 1 - CORNER 3

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' / DE x.x% — *Design exception component*

Point identifier

Ramp number

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

GENERAL NOTES:

1. *See next sheet for table.*

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	00400100
HWY: 004 M.P.: 167.50	
CORNER POSITION	3
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:40:24-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Juan Cruz — Reviewer: Travis Kruger
Drafter: Stephanie Teeter — Checker: Jose Banuelos

CURB RAMP DETAILS — SHEET NO. BC104

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	2+65.17	0.00	4233.81	FL
2	2+59.16	0.00	4233.87	FL
3	2+54.89	0.00	4233.92	FL
4	2+48.09	0.00	4234.01	FL
5	2+41.12	0.00	4234.07	FL
6	2+34.45	0.00	4234.11	FL
7	2+32.59	0.00	4234.10	FL
8	2+23.03	0.00	4233.91	FL
9	2+15.49	0.00	4233.80	FL
10	2+07.00	0.00	4233.52	FL
11	2+05.00	0.00	4233.49	FL
12	2+65.17	0.50	4234.16	BC
13	2+59.16	0.50	4234.20	BC
14	2+54.89	0.50	4234.25	BC
15	2+47.85	0.50	4234.02	BC
16	2+40.76	0.50	4234.08	BC
17	2+34.45	0.50	4234.36	BC
18	2+32.59	0.50	4234.35	BC
19	2+23.48	0.50	4233.92	BC
20	2+15.84	0.50	4233.81	BC
21	2+07.00	0.50	4234.02	BC
22	2+05.00	0.50	4234.01	BC
23	2+65.22	5.50	4234.36	SW
24	2+59.23	6.50	4234.27	SW
25	2+45.87	15.86	4234.11	SW
26	2+40.59	17.56	4234.06	SW
27	2+41.19	10.27	4234.18	SW
28	2+35.34	6.44	4234.15	SW
29	2+33.34	8.07	4234.12	SW
30	2+30.11	6.15	4234.15	SW
31	2+25.05	10.63	4234.12	SW
32	2+21.24	13.28	4233.95	SW
33	2+17.50	12.95	4233.90	SW
34	2+13.12	10.17	4233.92	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb

US 97 AT REED RD.

LA PINE SITE 1 - CORNER 3

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	00400100
HWY: 004 M.P.: 167.50	
CORNER POSITION	3
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:40:34-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

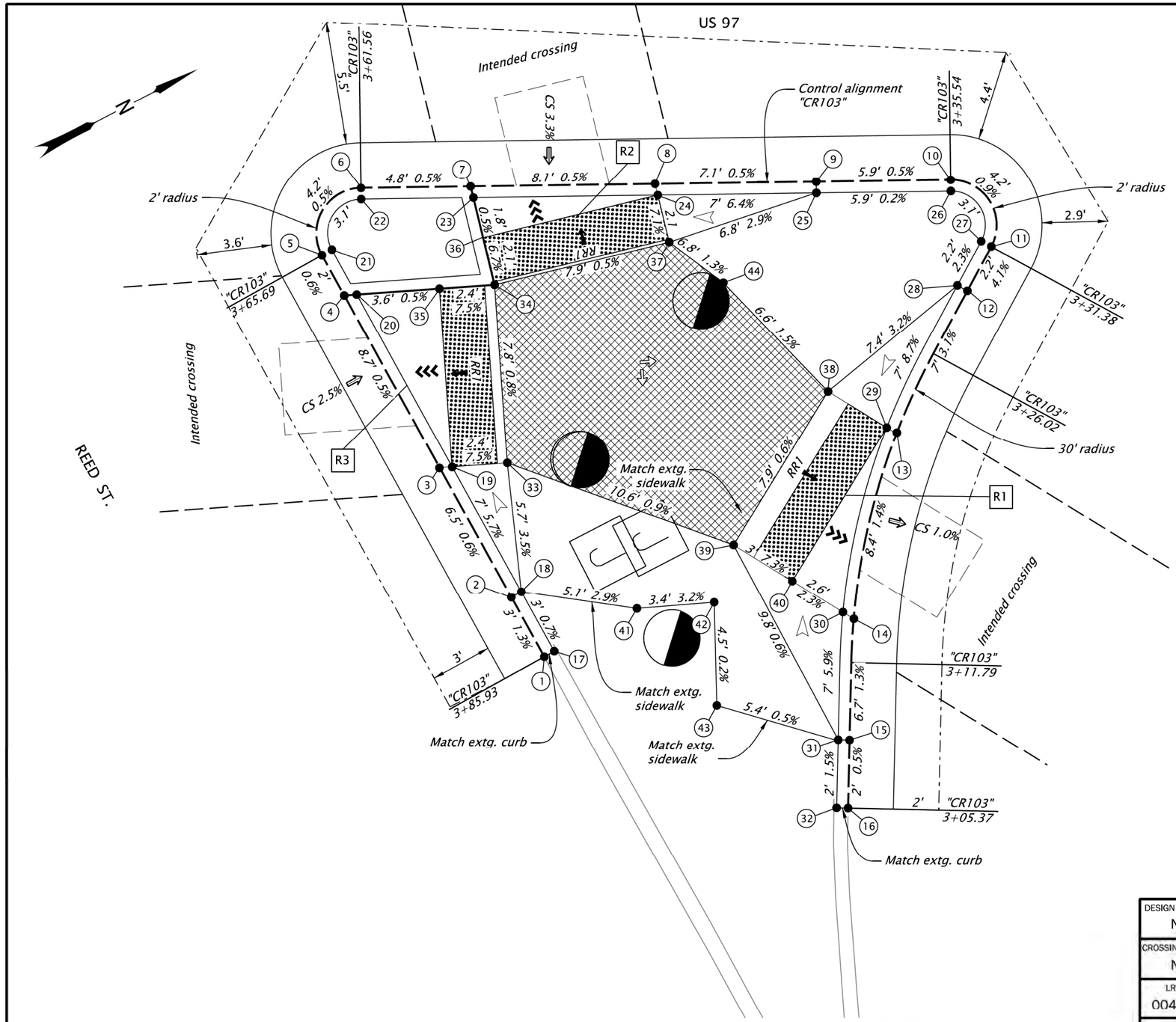
Designer: Juan Cruz | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

CURB RAMP DETAILS

SHEET NO. BC105

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x%
Design exception component

(#) Point identifier

R# Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

GENERAL NOTES:

1. See next sheet for table.

US97 AT REED ST.

LA PINE SITE 1 - CORNER 4A

5 2.5 0 5

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	00400100
HWY: 004 M.P.: 167.50	
CORNER POSITION	4A
RAMP NO.	1, 2 & 3

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:40:41-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Juan Cruz | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

CURB RAMP DETAILS | SHEET NO. BC106

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	3+85.93	0.00	4233.63	FL
2	3+82.93	0.00	4233.67	FL
3	3+76.40	0.00	4233.71	FL
4	3+67.71	0.00	4233.75	FL
5	3+65.69	0.00	4233.76	FL
6	3+61.56	0.00	4233.78	FL
7	3+56.72	0.00	4233.80	FL
8	3+48.59	0.00	4233.84	FL
9	3+41.47	0.00	4233.87	FL
10	3+35.54	0.00	4233.90	FL
11	3+31.38	0.00	4233.86	FL
12	3+29.17	0.00	4233.77	FL
13	3+22.14	0.00	4233.63	FL
14	3+13.72	0.00	4233.51	FL
15	3+08.37	0.00	4233.42	FL
16	3+05.37	0.00	4233.41	FL
17	3+85.93	0.50	4234.08	BC
18	3+82.93	0.50	4234.10	BC
19	3+76.63	0.50	4233.72	BC
20	3+67.95	0.50	4233.76	BC
21	3+65.69	0.50	4234.26	BC

FL = Flow line
SW = Sidewalk
BC = Back of curb

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
22	3+61.56	0.50	4234.28	BC
23	3+56.61	0.50	4233.81	BC
24	3+48.47	0.50	4233.85	BC
25	3+41.47	0.50	4234.20	BC
26	3+35.54	0.50	4234.23	BC
27	3+31.38	0.50	4234.19	BC
28	3+29.17	0.50	4234.10	BC
29	3+22.23	0.50	4233.64	BC
30	3+13.97	0.50	4233.52	BC
31	3+08.37	0.50	4233.86	BC
32	3+05.37	0.50	4233.91	BC
33	3+77.66	2.71	4233.90	SW
34	3+55.73	4.35	4233.96	SW
35	3+69.49	3.82	4233.78	SW
36	3+56.20	2.27	4233.82	SW
37	3+48.00	2.58	4234.00	SW
38	3+22.72	3.49	4233.86	SW
39	3+16.07	5.67	4233.80	SW
40	3+15.02	2.88	4233.58	SW
41	3+86.05	4.60	4233.95	SW
42	3+13.88	6.20	4233.84	SW
43	3+09.77	5.89	4233.83	SW
44	3+45.63	4.40	4233.96	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb

US97 AT REED ST.

LA PINE SITE 1 - CORNER 4A

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	00400100
HWY: 004 M.P.: 167.50	
CORNER POSITION	4A
RAMP NO.	1, 2 & 3

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:40:50-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

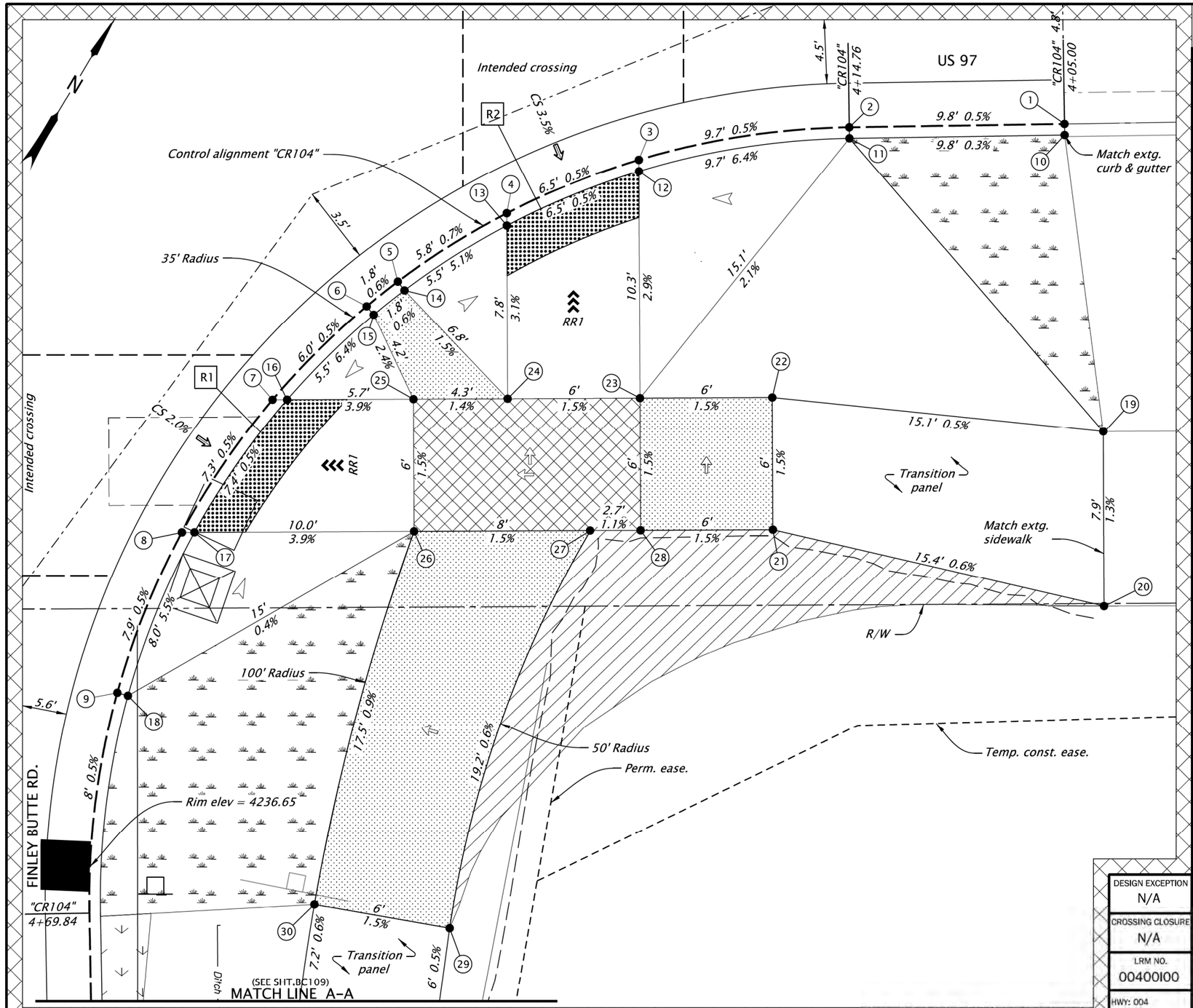
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Juan Cruz | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

CURB RAMP DETAILS | SHEET NO. BC107

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 62.6187° Scale: 1"=5'



US97 AT FINLEY BUTTE RD.

LA PINE SITE 8 - CORNER 4

5 2.5 0 5

Area of excess sidewalk removal

Rock mulch

Sod Lawn

Sawcut line

DE X.X' / DE x.x% — Design exception component

(#) — Point identifier

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

GENERAL NOTES:

1. See next sheet for table.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	00400I00
HWY: 004	M.P.: 168.04
CORNER POSITION	4
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:40:55-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

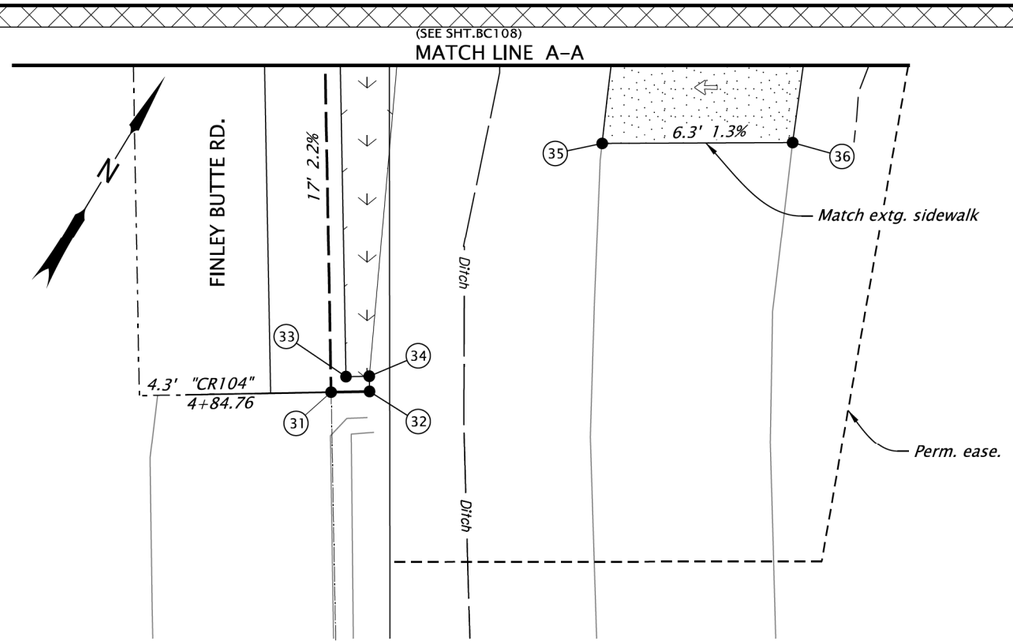
KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Juan Cruz — Reviewer: Travis Kruger
Drafter: Stephanie Teeter — Checker: Jose Banuelos

CURB RAMP DETAILS — SHEET NO. BC108

55V-026



LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	4+05.00	0.00	4236.98	FL
2	4+14.76	0.00	4236.93	FL
3	4+24.44	0.00	4236.88	FL
4	4+30.91	0.00	4236.85	FL
5	4+37.02	0.00	4236.87	FL
6	4+38.29	0.00	4236.87	FL
7	4+44.58	0.00	4236.81	FL
8	4+51.88	0.00	4236.73	FL
9	4+59.73	0.00	4236.69	FL
10	4+05.00	0.50	4237.54	BC
11	4+14.76	0.50	4237.51	BC
12	4+24.59	0.50	4236.89	BC
13	4+31.17	0.50	4236.86	BC
14	4+37.02	0.50	4237.20	BC
15	4+38.29	0.50	4237.20	BC
16	4+44.14	0.50	4236.82	BC
17	4+51.60	0.50	4236.74	BC
18	4+59.73	0.50	4237.19	BC
19	4+21.47	13.97	4237.35	SW
20	4+21.55	21.89	4237.45	SW
21	4+40.44	17.78	4237.37	SW
22	4+38.37	11.90	4237.28	SW

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
23	4+46.78	10.17	4237.19	SW
24	4+53.75	7.21	4237.10	SW
25	4+57.79	4.57	4237.04	SW
26	4+63.11	8.76	4237.13	SW
27	4+54.41	14.27	4237.25	SW
28	4+51.10	15.52	4237.28	SW
29	4+88.83	16.32	4237.37	SW
30	4+87.58	10.27	4237.28	SW
31	4+84.76	0.00	4237.01	FL
32	4+84.76	1.27	4237.09	FL
33	4+84.26	0.50	4237.51	BC
34	4+84.26	1.27	4237.22	BC
35	4+89.52	14.49	4237.57	SW
36	4+89.60	14.49	4237.57	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb

US97 AT FINLEY BUTTE RD.

LA PINE SITE 8 - CORNER 4

5 2.5 0 5

Area of excess sidewalk removal

Rock mulch

Sod Lawn

Sawcut line

DE X.X'
DE x.x% *Design exception component*

Point identifier

Ramp number

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	00400100
HWY: 004 M.P.: 168.04	
CORNER POSITION	4
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:41:02-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

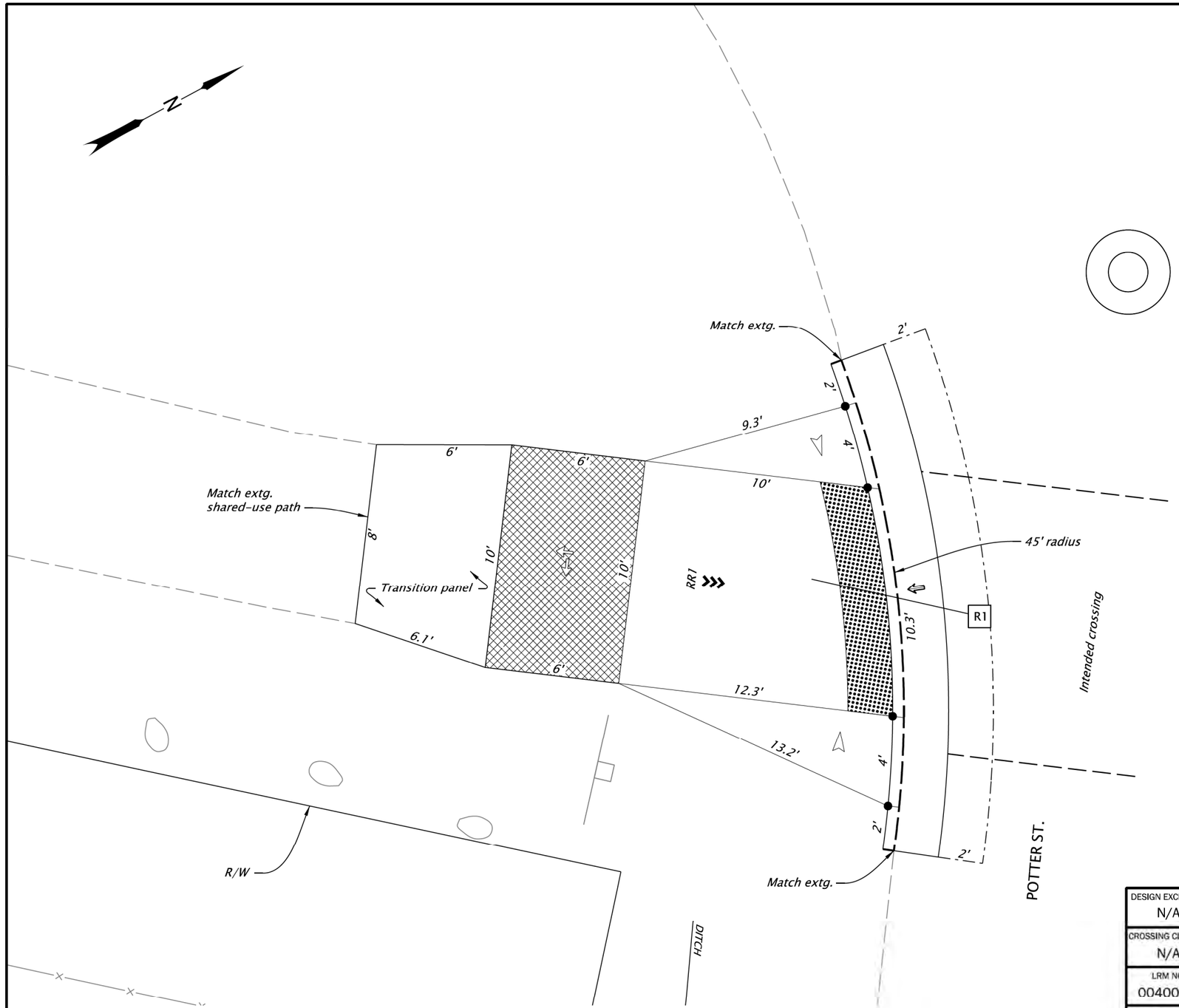
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Juan Cruz Reviewer: Travis Kruger
Drafter: Stephanie Teeter Checker: Jose Banuelos

CURB RAMP DETAILS SHEET NO. BC109

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026



US97 AT POTTER ST.

CRESCENT SITE 1 - CORNER 3

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	00400100
HWY: 004 M.P.: 185.12	
CORNER POSITION	3
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:41:07-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Jeanette Frey
Reviewer: Travis Kruger
Drafter: Stephanie Teeter
Checker: Jose Banuelos

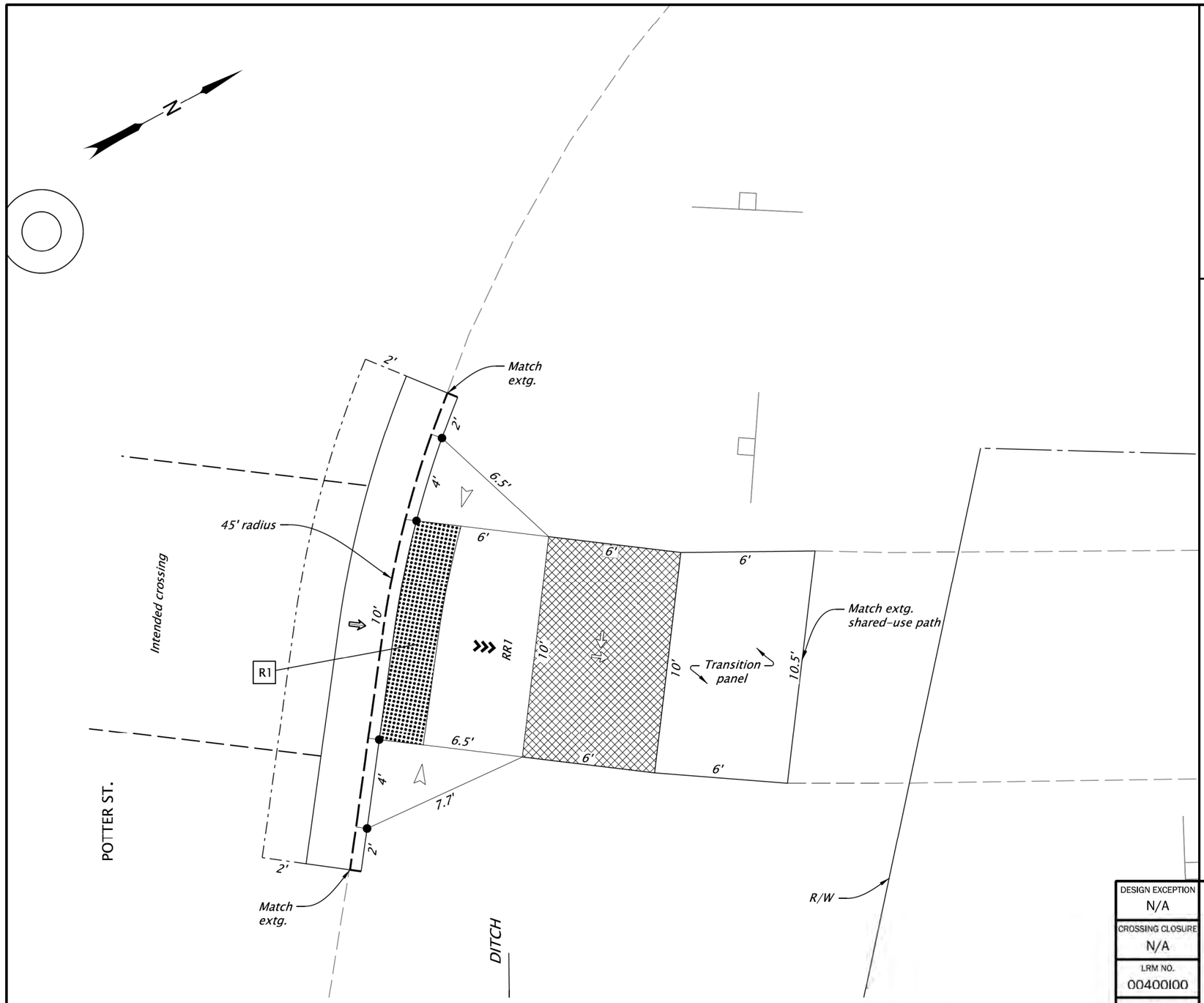
CURB RAMP DETAILS

SHEET NO. BC201

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 62.6187° Scale: 1"=5'

55V-026



US97 AT POTTER ST.

CRESCENT SITE 1 - CORNER 4

Area of excess sidewalk removal	
Rock mulch	
Sawcut line	
Zero curb exposure	
DE X.X' DE x.x%	Design exception component
R#	Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	00400100
HWY: 004 M.P.: 185.12	
CORNER POSITION	4
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:41:11-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

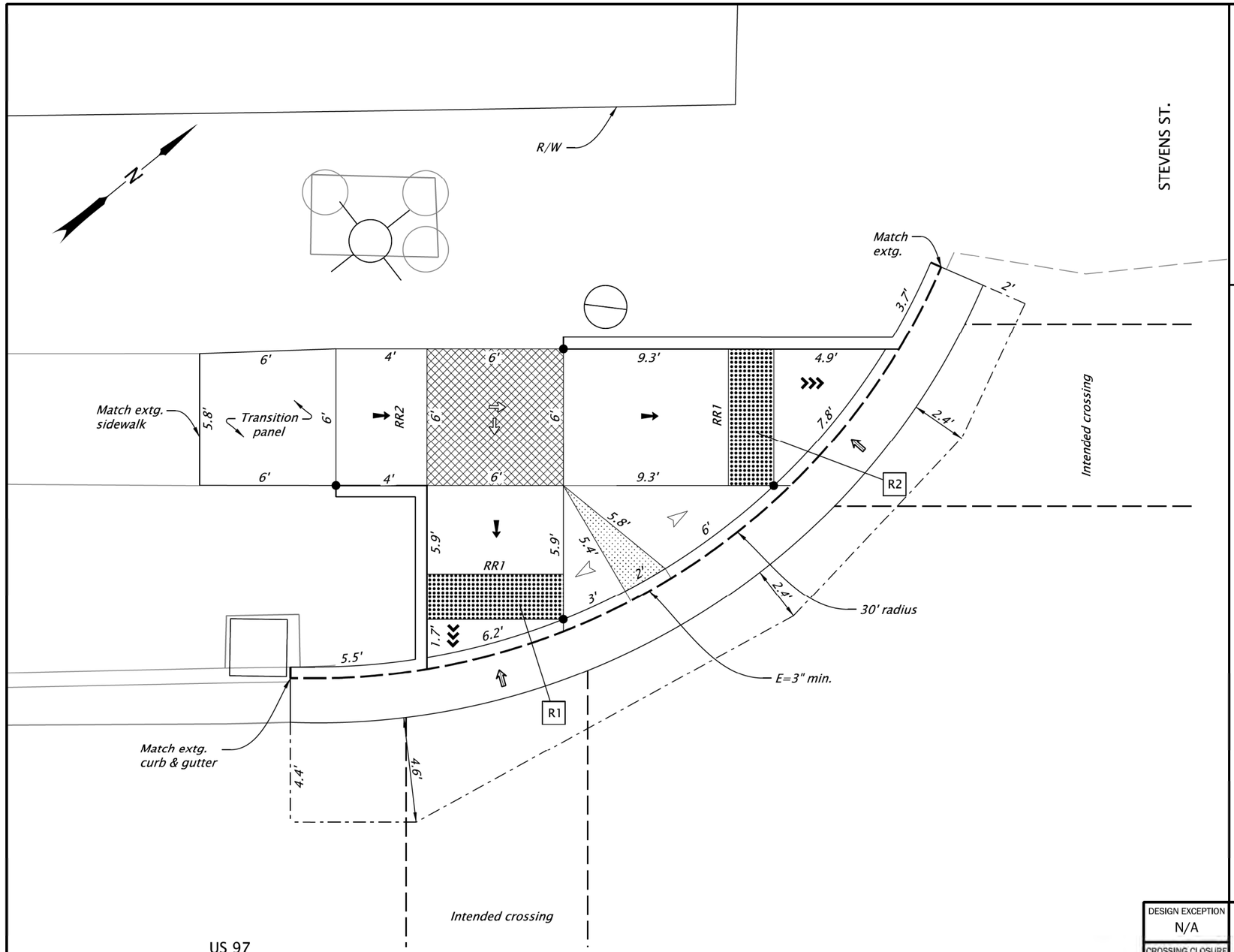
KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Jeanette Frey | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

CURB RAMP DETAILS | SHEET NO. BC202

55V-026



US97 AT STEVENS ST.

CRESCENT SITE 2 - CORNER 2

5 2.5 0 5

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x% *Design exception component*

R# *Ramp number*

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	00400100
HWY: 004 M.P.: 185.19	
CORNER POSITION	2
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:41:15-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

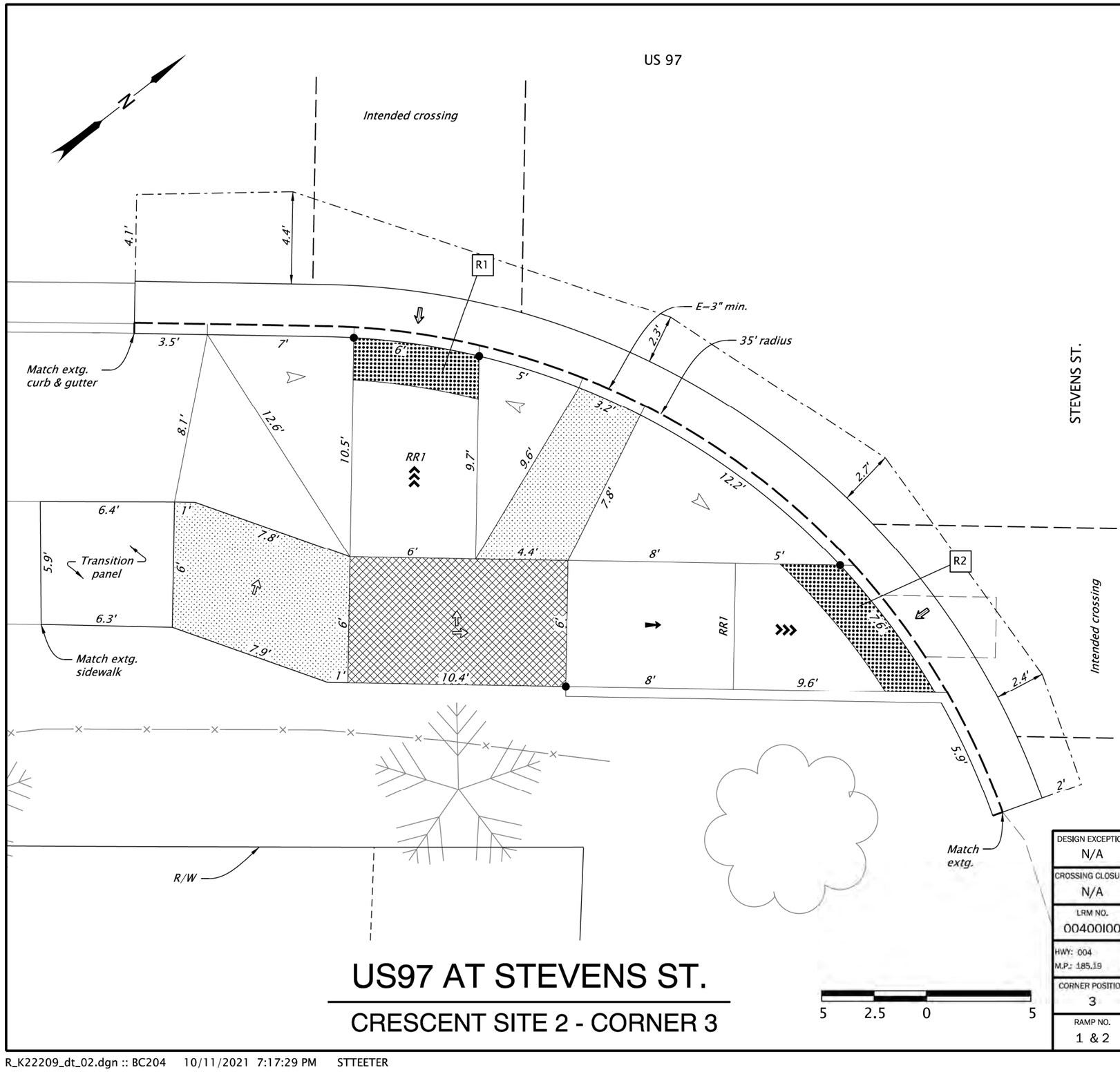
KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Jeanette Frey Reviewer: Travis Kruger
Drafter: Stephanie Teeter Checker: Jose Banuelos

CURB RAMP DETAILS SHEET NO. BC203

55V-026



US97 AT STEVENS ST.

CRESCENT SITE 2 - CORNER 3

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	00400100
HWY: 004	M.P.: 185.19
CORNER POSITION	3
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:41:20-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

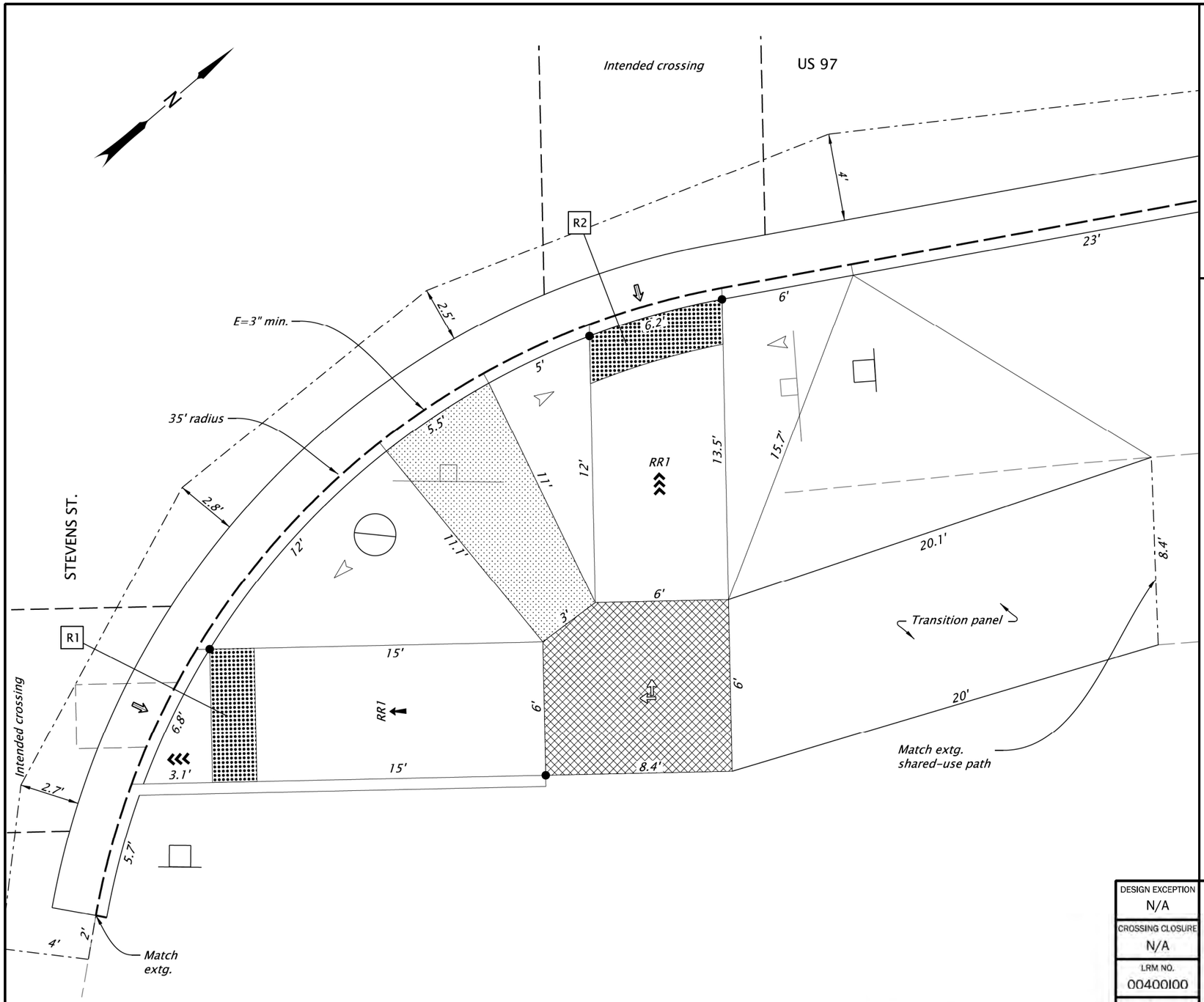
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Jeanette Frey
Reviewer: Travis Kruger
Drafter: Stephanie Teeter
Checker: Jose Banuelos

CURB RAMP DETAILS

SHEET NO. BC204

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

US97 AT STEVENS ST.

CRESCENT SITE 2 - CORNER 4

5 2.5 0 5

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	00400100
HWY: 004 M.P.: 185.19	
CORNER POSITION	4
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:41:23-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

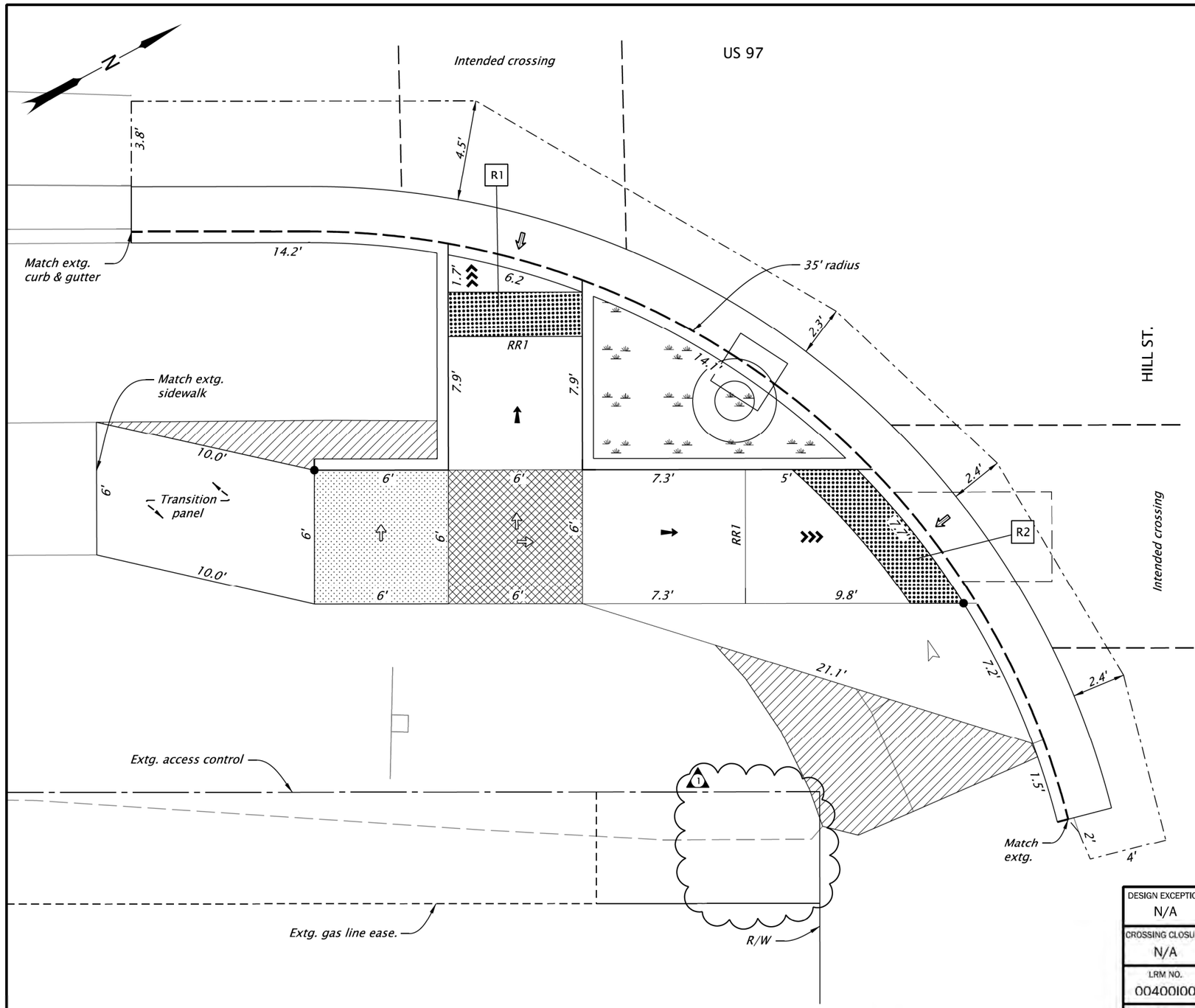
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Jeanette Frey — Reviewer: Travis Kruger
Drafter: Stephanie Teeter — Checker: Jose Banuelos

CURB RAMP DETAILS

SHEET NO. BC205

55V-026



US97 AT HILL ST.

CRESCENT SITE 3 - CORNER 3

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

No.	DATE	REVISIONS	BY
1	01-19-22	Revised R/W design, and removed "Right-of-Way delays or access delays (See 00180.65)" legend and note.	S.A.T

1

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	00400100
HWY: 004 M.P.: 185.26	
CORNER POSITION	3
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2022.01.20 20:11:54-08'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2023

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

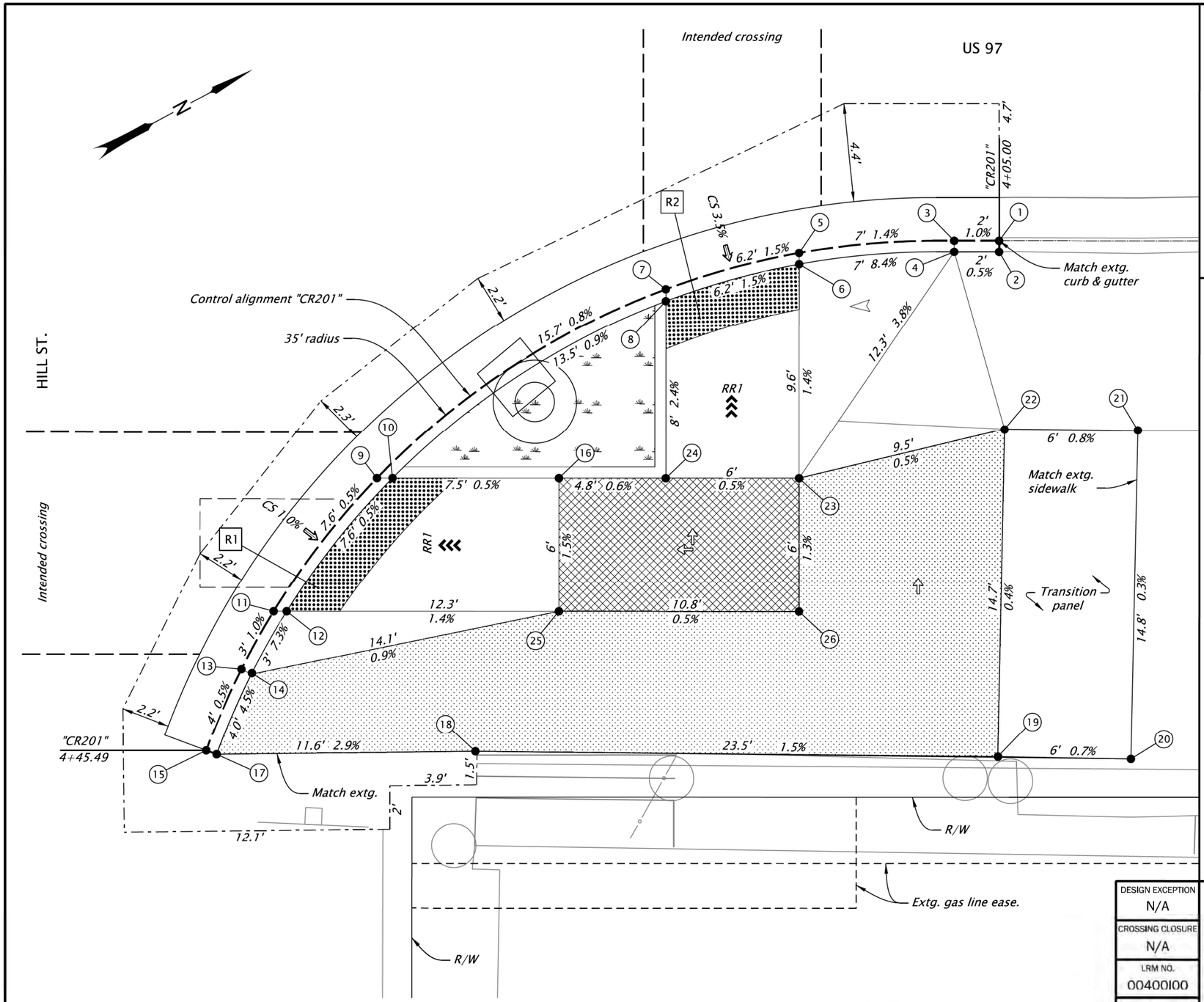
KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Jeanette Frey Reviewer: Travis Kruger
Drafter: Stephanie Teeter Checker: Jose Banuelos

CURB RAMP DETAILS SHEET NO. BC206

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' / DE x.x% — Design exception component

(#) — Point identifier

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

GENERAL NOTES:

1. See next sheet for table.

US97 AT HILL ST.

CRESCENT SITE 3 - CORNER 4

5 2.5 0 5

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	00400100
HWY: 004 M.P.: 185.26	
CORNER POSITION	4
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:41:33-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Jeanette Frey — Reviewer: Travis Kruger
Drafter: Stephanie Teeter — Checker: Jose Banuelos

CURB RAMP DETAILS — SHEET NO. BC207

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	4+05.00	0.00	4456.22	FL
2	4+05.00	0.50	4456.69	BC
3	4+07.02	0.00	4456.20	FL
4	4+07.02	0.50	4456.70	BC
5	4+14.03	0.00	4456.10	FL
6	4+14.03	0.50	4256.11	BC
7	4+20.26	0.00	4456.01	FL
8	4+20.26	0.50	4456.02	BC
9	4+30.92	0.00	4456.13	FL
10	4+30.92	0.50	4456.14	BC
11	4+38.53	0.00	4456.09	FL
12	4+38.53	0.50	4456.10	BC
13	4+41.53	0.00	4456.07	FL
14	4+41.53	0.50	4456.32	BC
15	4+45.49	0.00	4456.05	FL
16	4+24.17	5.34	4456.17	SW
17	4+45.49	0.50	4456.06	BC
18	4+39.42	11.03	4456.33	SW
19	4+00.05	23.20	4456.08	SW
20	3+94.05	23.31	4456.06	SW
21	3+93.75	8.52	4456.11	SW
22	4+04.75	8.46	4456.16	SW
23	4+16.53	9.91	4456.23	SW
24	4+24.07	7.81	4456.20	SW
25	4+28.99	10.02	4456.26	SW
26	4+14.21	15.67	4456.31	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb

US97 AT HILL ST.

CRESCENT SITE 3 - CORNER 4

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	00400100
HWY: 004 M.P.: 185.26	
CORNER POSITION	4
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:41:38-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

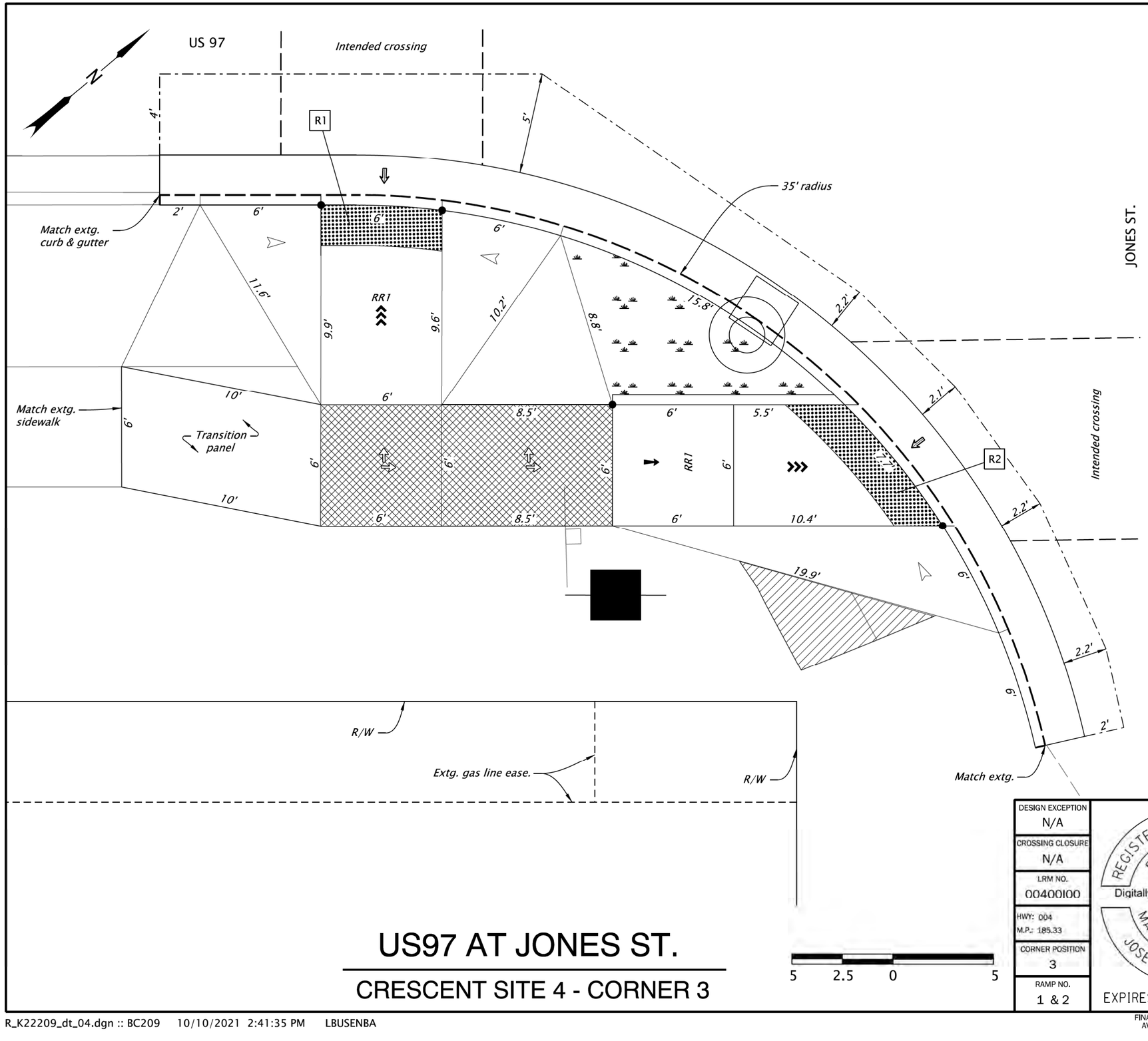
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Jeanette Frey Reviewer: Travis Kruger
Drafter: Stephanie Teeter Checker: Jose Banuelos

CURB RAMP DETAILS

SHEET NO. BC208

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X' / DE x.x% — Design exception component

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

US97 AT JONES ST.

CRESCENT SITE 4 - CORNER 3

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	00400100
HWY: 004 M.P.: 185.33	
CORNER POSITION	3
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:41:43-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

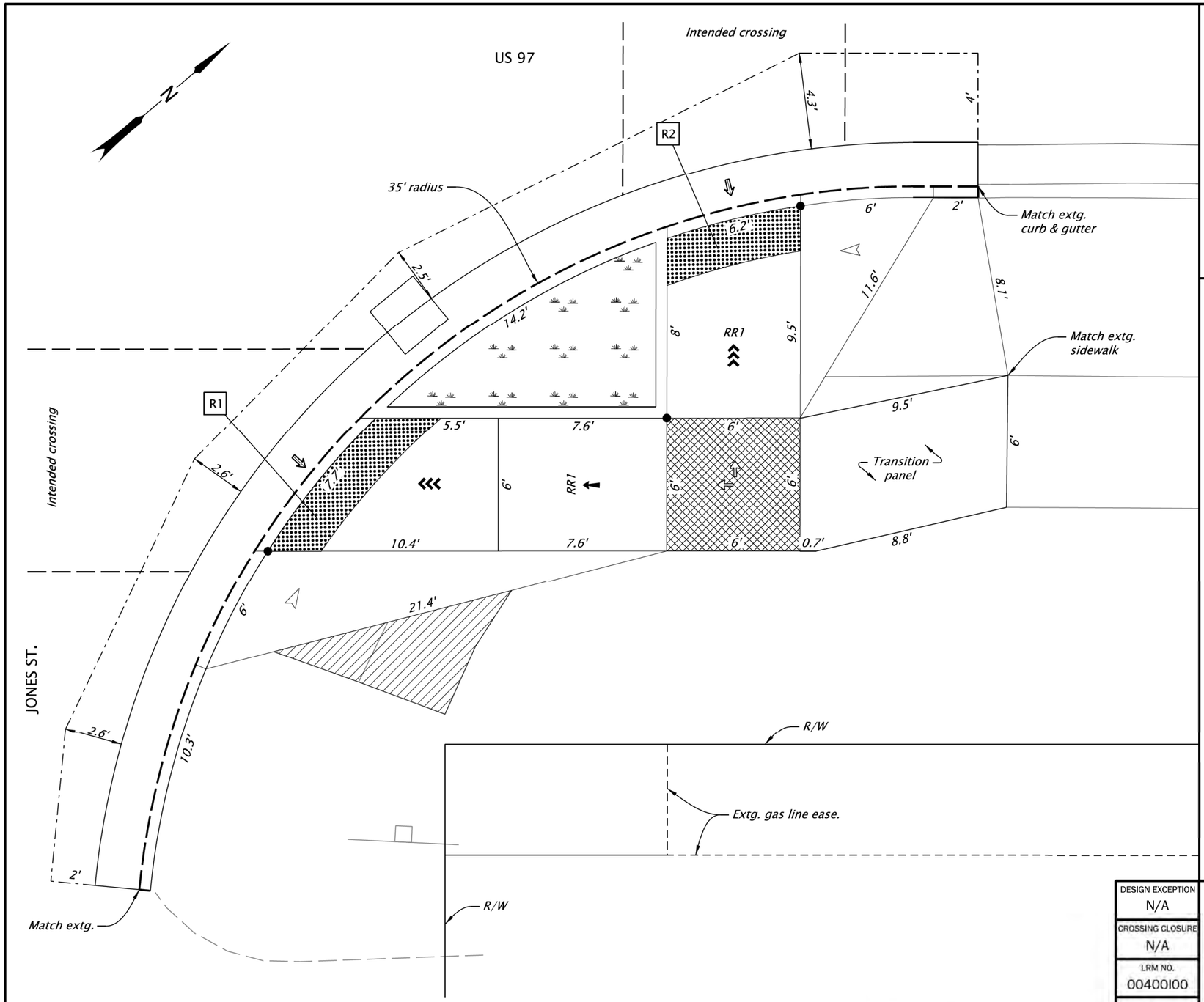
KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Jeanette Frey — Reviewer: Travis Kruger
Drafter: Stephanie Teeter — Checker: Jose Banuelos

CURB RAMP DETAILS — SHEET NO. BC209

55V-026



US97 AT JONES ST.

CRESCENT SITE 4 - CORNER 4

5 2.5 0 5

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	00400100
HWY: 004 M.P.: 185.33	
CORNER POSITION	4
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:41:49-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

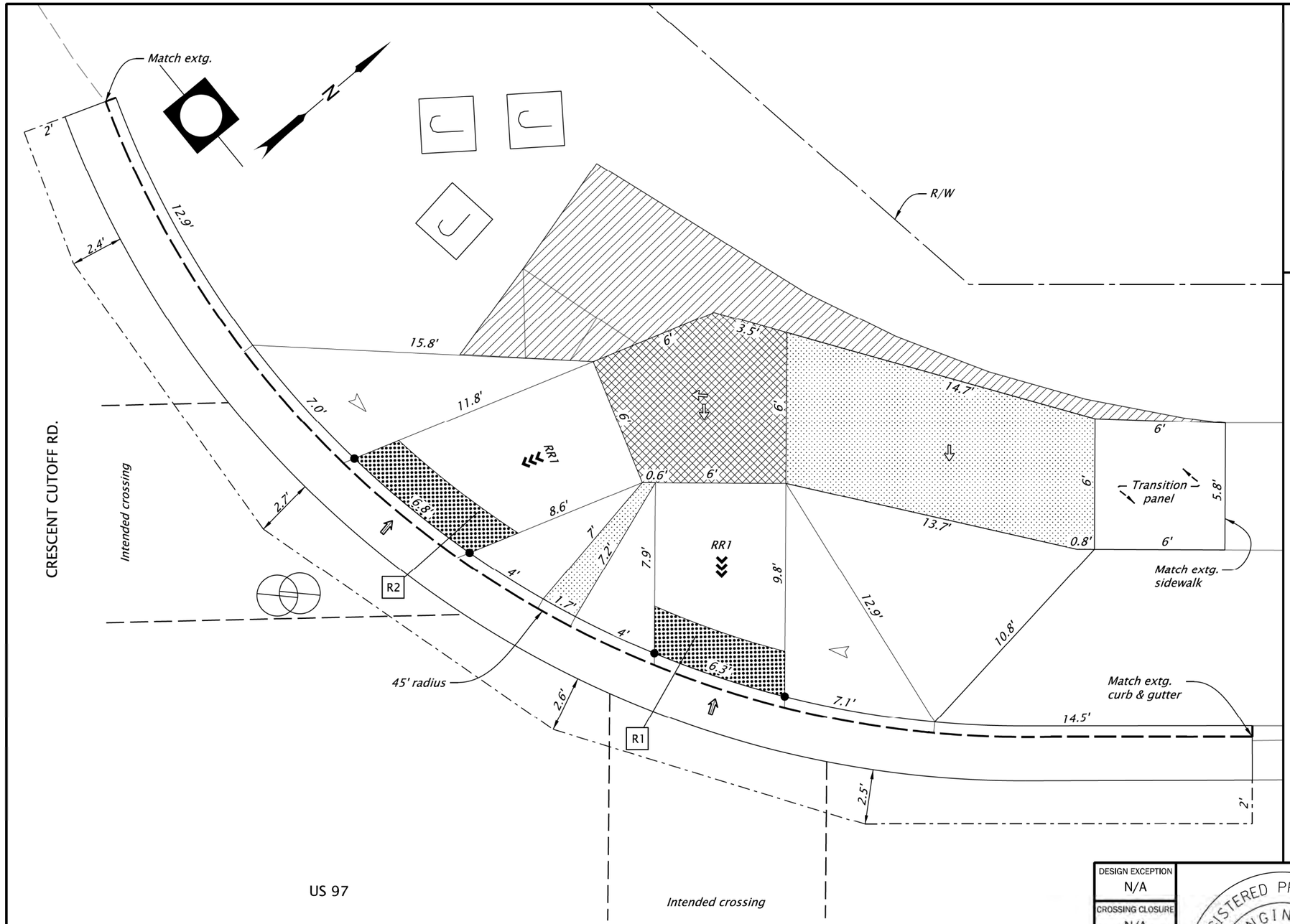
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Jeanette Frey
Reviewer: Travis Kruger
Drafter: Stephanie Teeter
Checker: Jose Banuelos

CURB RAMP DETAILS

SHEET NO. BC210

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X' / DE x.x% — Design exception component

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

US97 AT CRESCENT CUTOFF RD.

CRESCENT SITE 5 - CORNER 1

5 2.5 0 5

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	00400100
HWY: 004 M.P.: 185.39	
CORNER POSITION	1
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:41:54-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Jeanette Frey — Reviewer: Travis Kruger
Drafter: Stephanie Teeter — Checker: Jose Banuelos

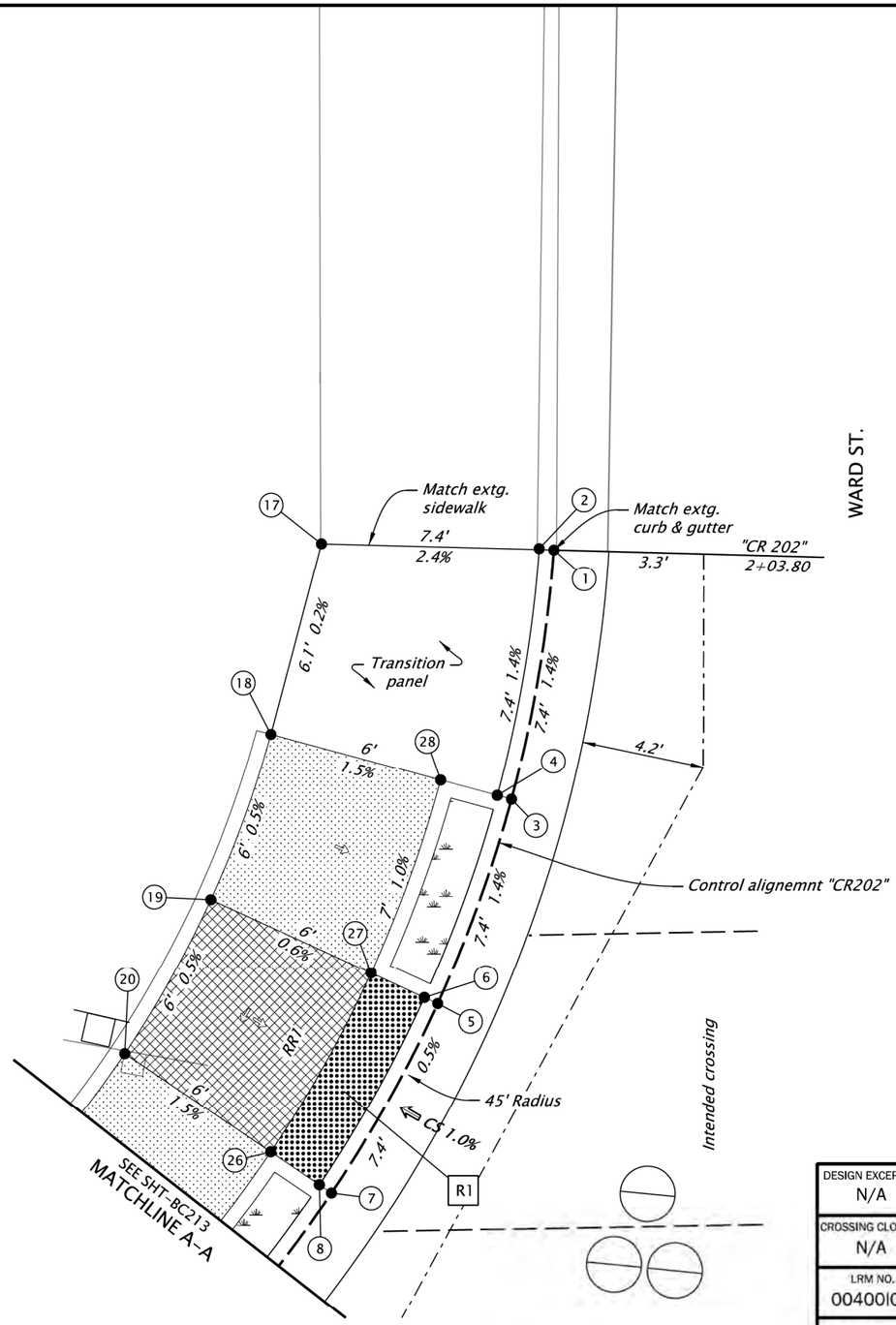
CURB RAMP DETAILS

SHEET NO. BC211

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	2+03.80	0.00	4457.21	FL
2	2+03.80	0.50	4457.27	BC
3	2+12.44	0.00	4457.31	FL
4	2+12.44	0.50	4457.32	BC
5	2+19.85	0.00	4457.40	FL
6	2+19.85	0.50	4457.41	BC
7	2+27.25	0.00	4457.36	FL
8	2+27.25	0.50	4457.37	BC
9	2+43.50	0.00	4457.49	FL
10	2+43.50	0.50	4457.50	BC
11	2+50.90	0.00	4457.61	FL
12	2+50.90	0.50	4457.62	BC
13	2+64.49	0.00	4457.91	FL
14	2+64.49	0.50	4458.41	BC
15	2+71.60	0.00	4458.05	FL
16	2+71.60	0.50	4458.40	BC
17	2+04.24	7.91	4457.45	SW
18	2+12.44	8.49	4457.44	BC
19	2+19.85	8.50	4457.46	BC
20	2+27.25	8.50	4457.49	BC
21	2+43.50	8.50	4457.62	BC
22	2+50.00	8.50	4457.71	BC
23	2+64.49	8.50	4458.47	BC
24	2+71.60	8.04	4458.53	SW
25	2+43.50	2.50	4457.53	BC
26	2+27.25	2.50	4457.40	BC
27	2+19.85	2.50	4457.42	BC
28	2+12.44	2.50	4457.35	BC

FL = Flow line
SW = Sidewalk
BC = Back of curb



US97 AT WARD ST.

CRESCENT SITE 5 - CORNER 2

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x% *Design exception component*

Point identifier

Ramp number

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	00400100
HWY: 004 M.P.: 185.39	
CORNER POSITION	2
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:41:59-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

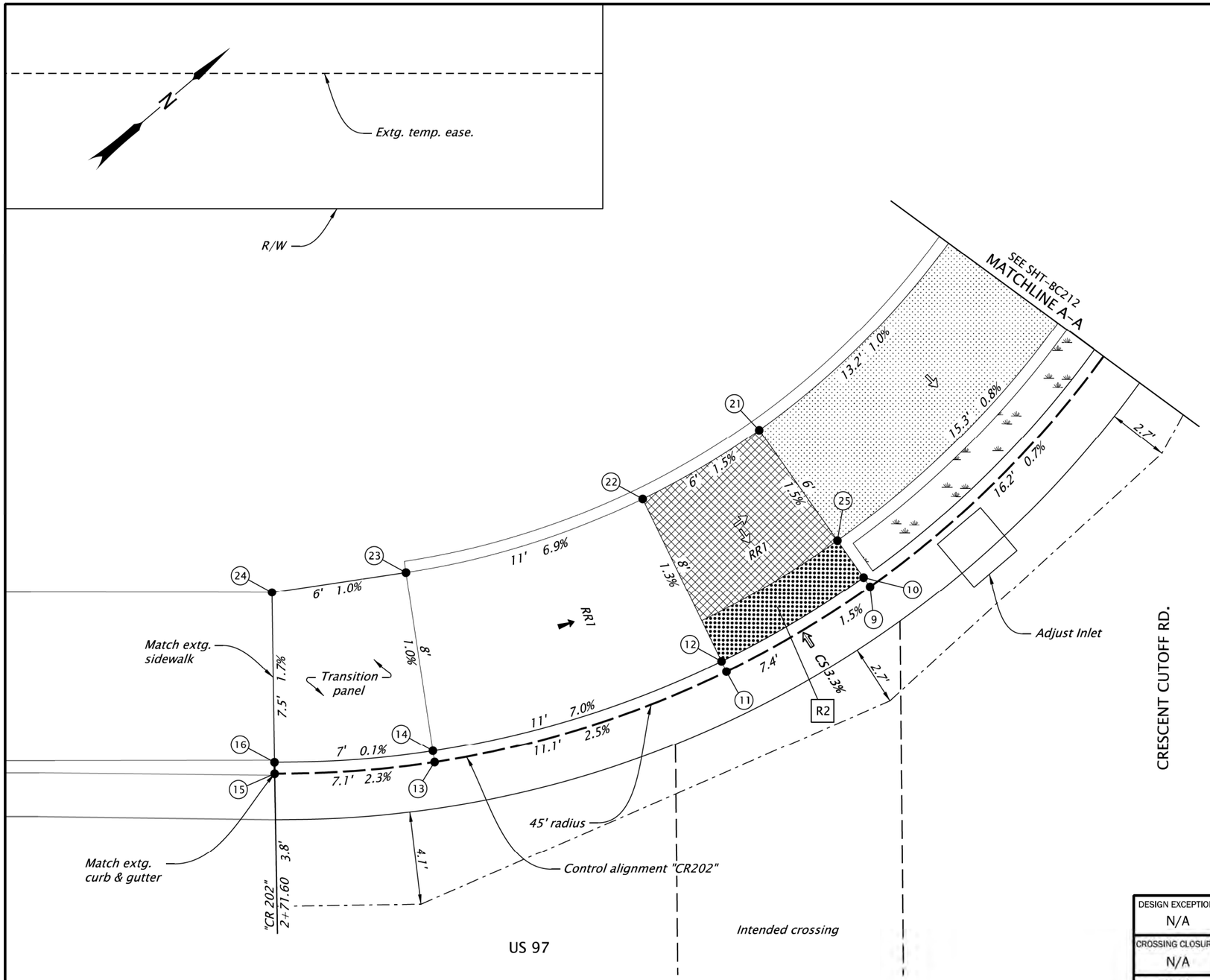
KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Jeanette Frey Reviewer: Travis Kruger
Drafter: Stephanie Teeter Checker: Jose Banuelos

CURB RAMP DETAILS SHEET NO. BC212

55V-026



US97 AT CRESCENT CUTOFF RD.

CRESCENT SITE 5 - CORNER 2

5 2.5 0 5

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' / DE x.x% — Design exception component

(#) — Point identifier

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

GENERAL NOTES:

1. See previous sheet for table.

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	00400100
HWY: 004	M.P.: 185.39
CORNER POSITION	2
RAMP NO.	2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:42:04-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

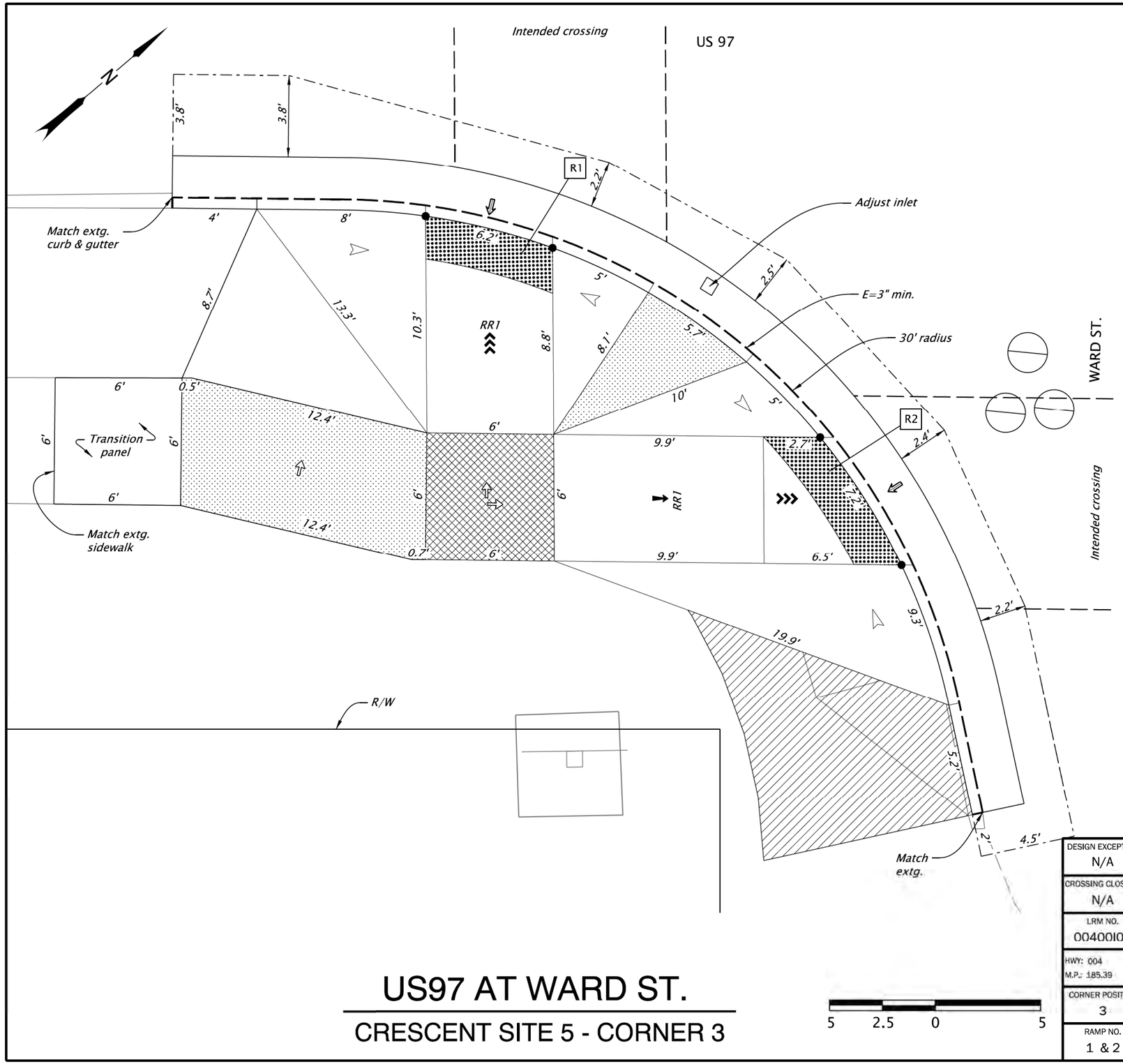
KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Jeanette Frey — Reviewer: Travis Kruger
Drafter: Stephanie Teeter — Checker: Jose Banuelos

CURB RAMP DETAILS — SHEET NO. BC213

55V-026



US97 AT WARD ST.

CRESCENT SITE 5 - CORNER 3

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	00400100
HWY: 004 M.P.: 185.39	
CORNER POSITION	3
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:42:09-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

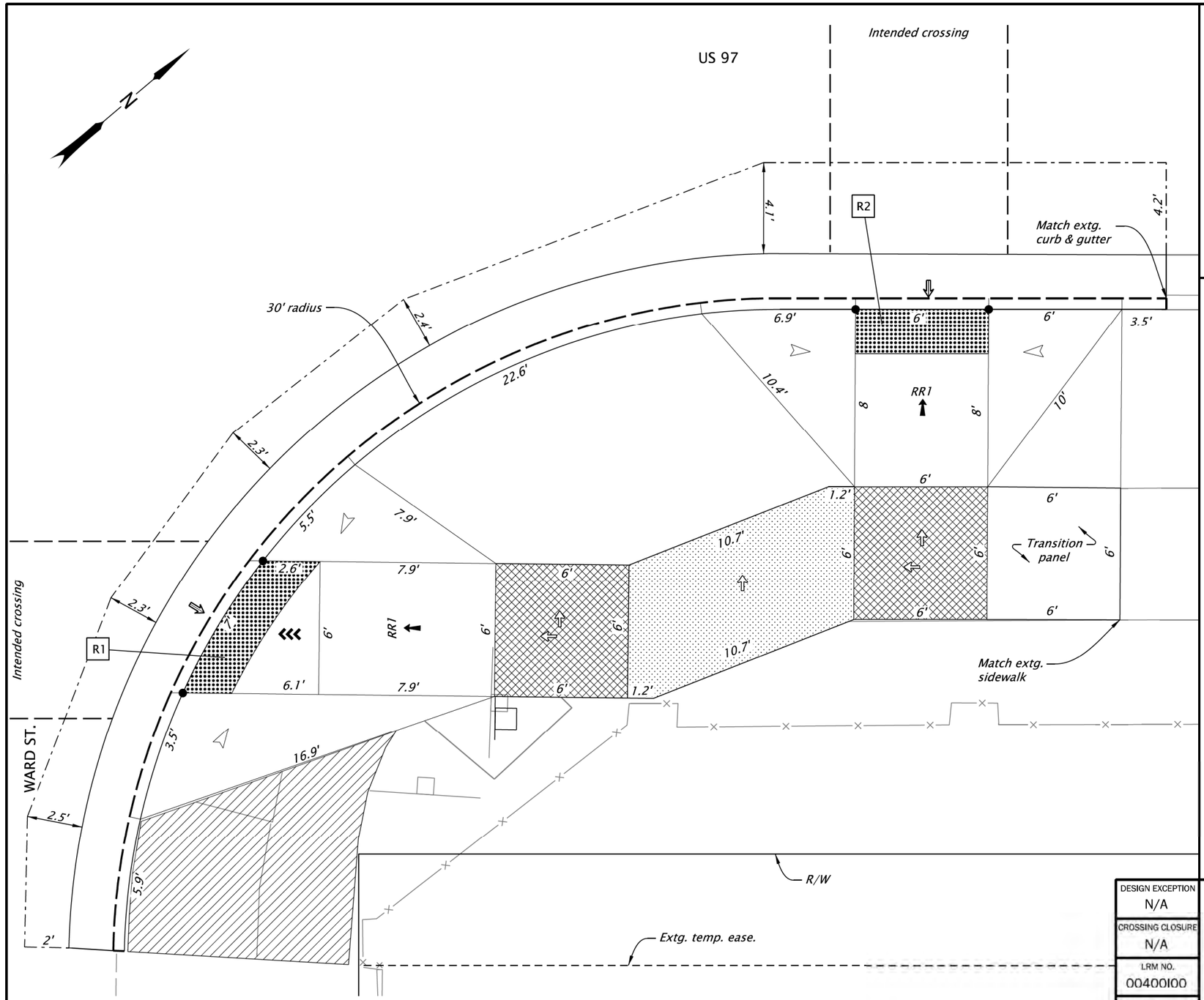
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Jeanette Frey
Reviewer: Travis Kruger
Drafter: Stephanie Teeter
Checker: Jose Banuelos

CURB RAMP DETAILS

SHEET NO. BC214

55V-026



US97 AT WARD ST.

CRESCENT SITE 5 - CORNER 4

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	00400100
HWY: 004 M.P.: 185.39	
CORNER POSITION	4
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:42:13-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

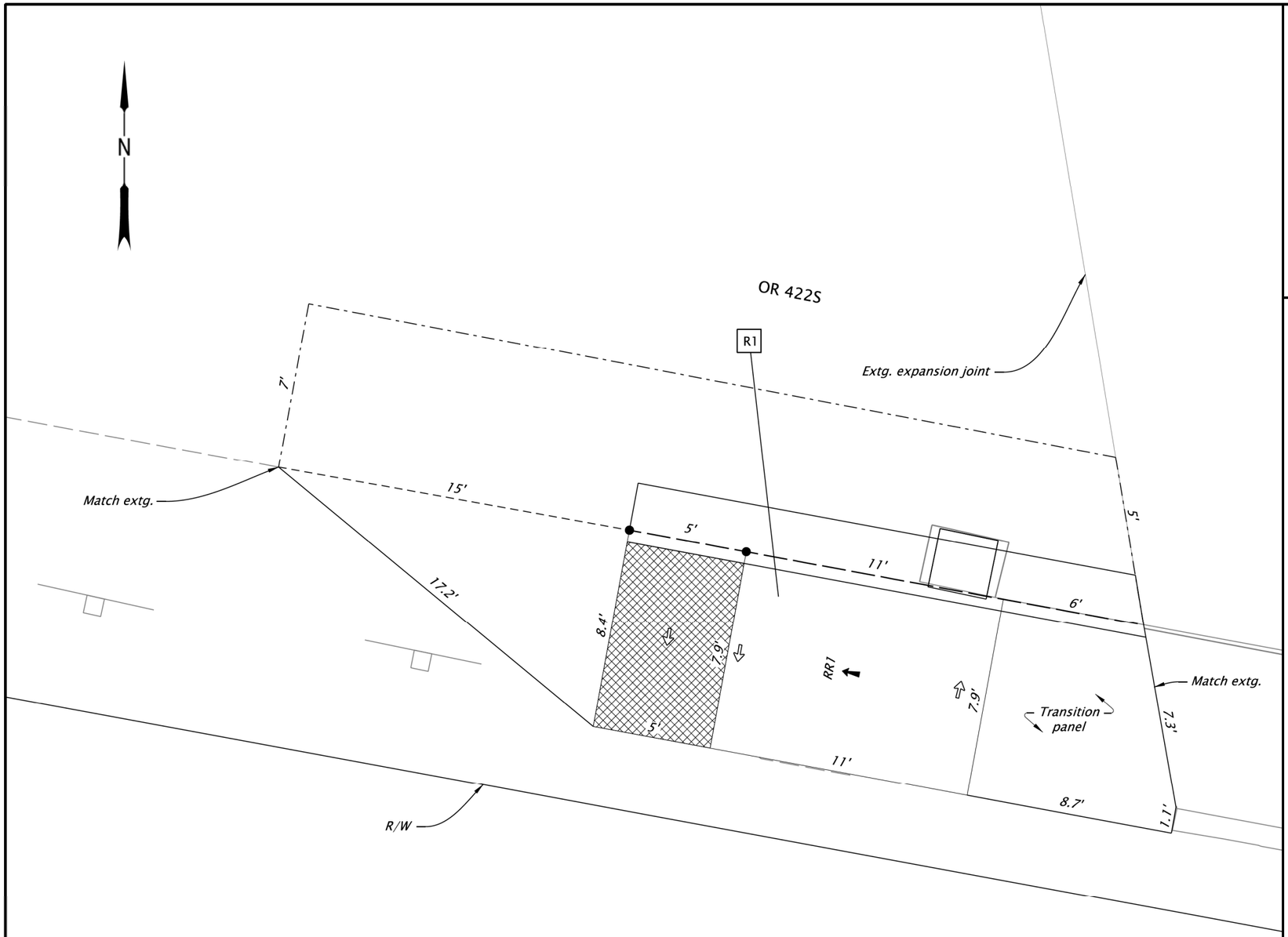
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Jeanette Frey
Drafter: Stephanie Teeter
Reviewer: Travis Kruger
Checker: Jose Banuelos

CURB RAMP DETAILS

SHEET NO. BC215

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

OR 422S

CHILOQUIN SITE 1 - CORNER 1

5 2.5 0 5

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	48800100
HWY: 488 M.P.: 4.55	
CORNER POSITION	1
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 09:19:57 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

ADA CURB RAMP PILOT PROGRAM PROJECT

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

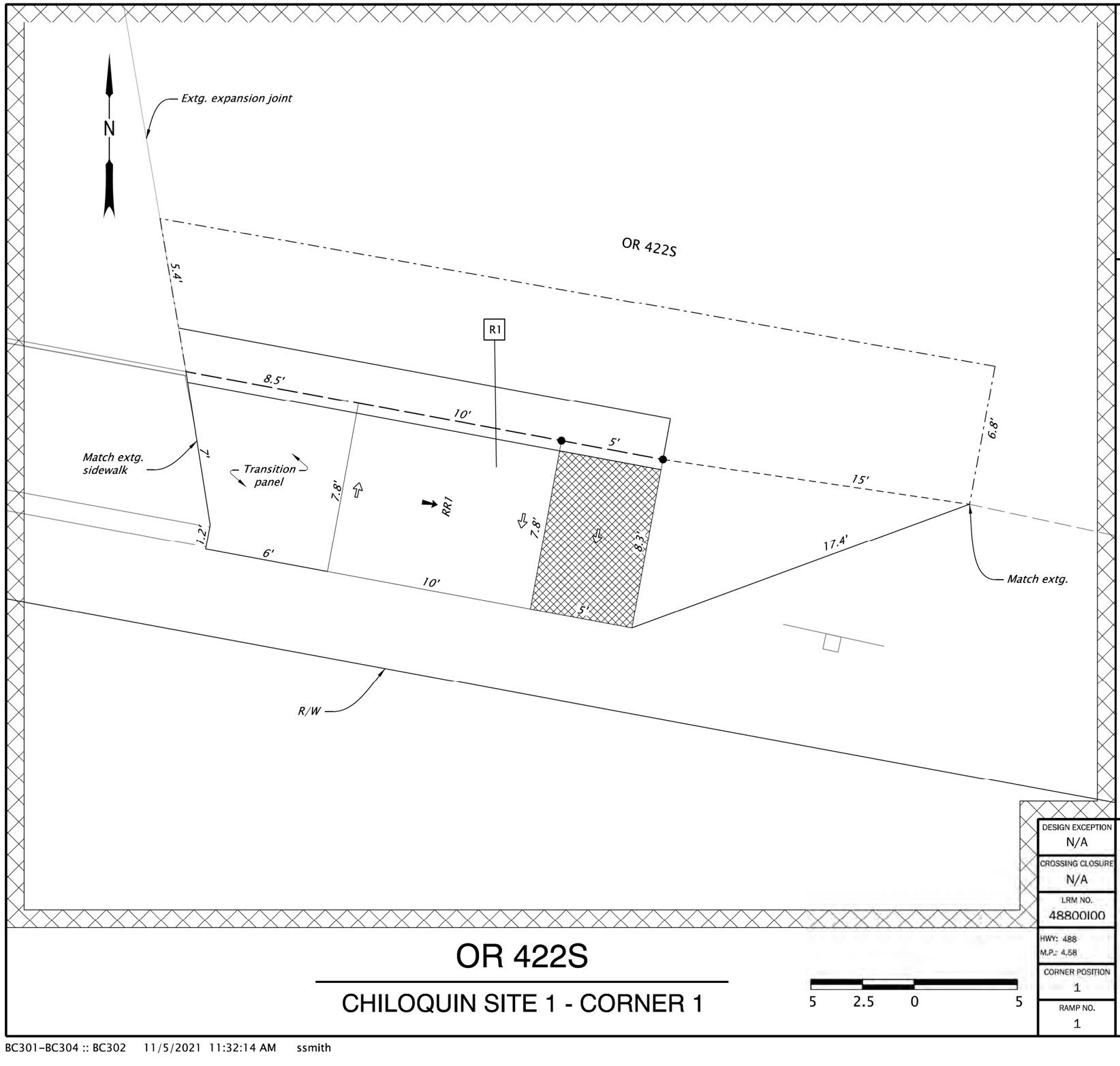
CURB RAMP DETAILS

SHEET NO. BC301

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 340° Scale: 1" = 5'

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 422S

CHILOQUIN SITE 1 - CORNER 1

5 2.5 0 5

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	48800100
HWY: 488 M.P.: 4.58	
CORNER POSITION	1
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 10:10:30 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH

EXPIRES 6-30-23

EMERIO
ENGINEERING • SURVEYING • DESIGN

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

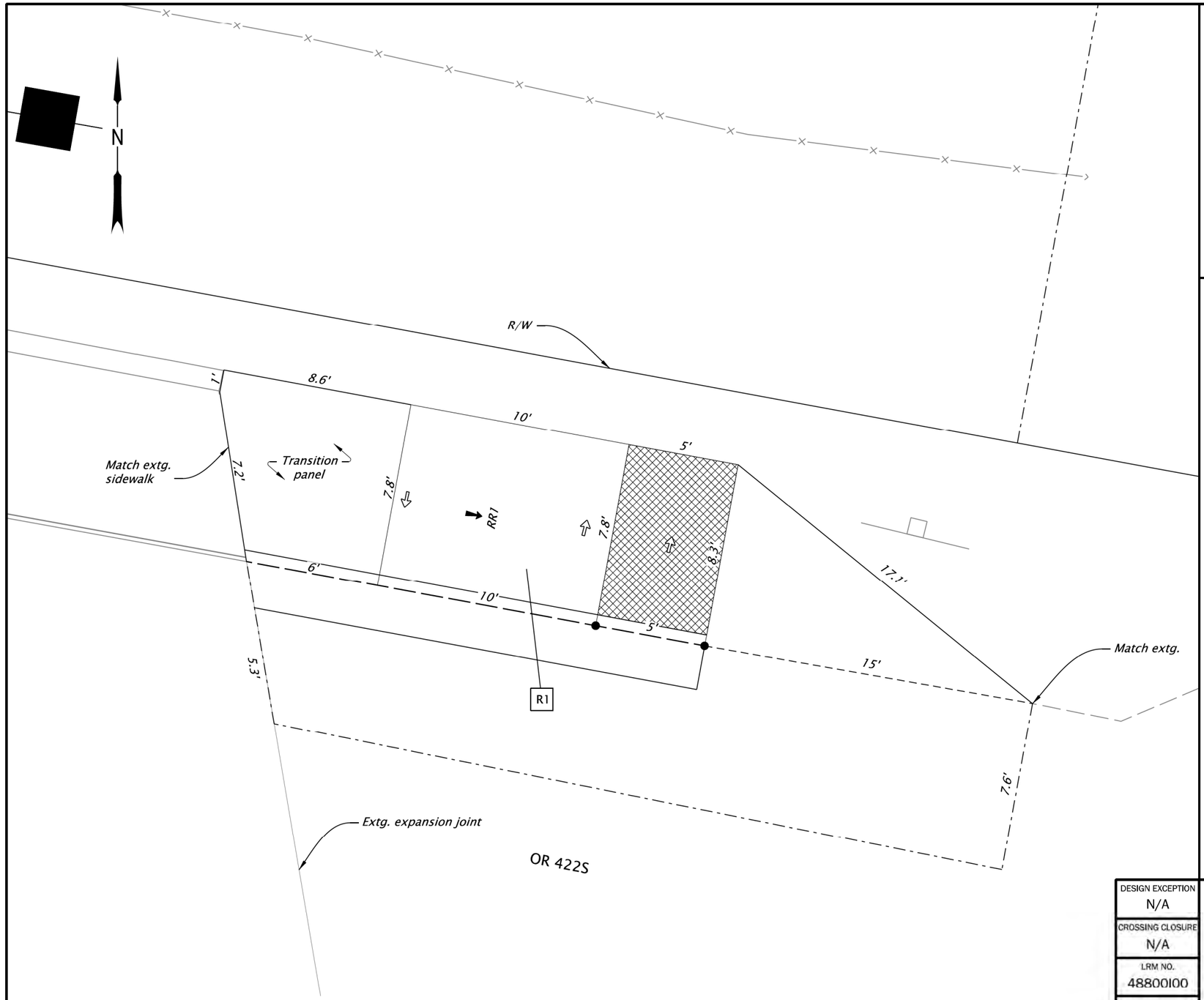
CURB RAMP DETAILS

SHEET NO. BC302

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 340° Scale: 1" = 5'

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

OR 422S

CHILOQUIN SITE 1 - CORNER 4

5 2.5 0 5

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	48800100
HWY: 488 M.P.: 4.58	
CORNER POSITION	4
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 09:19:14 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

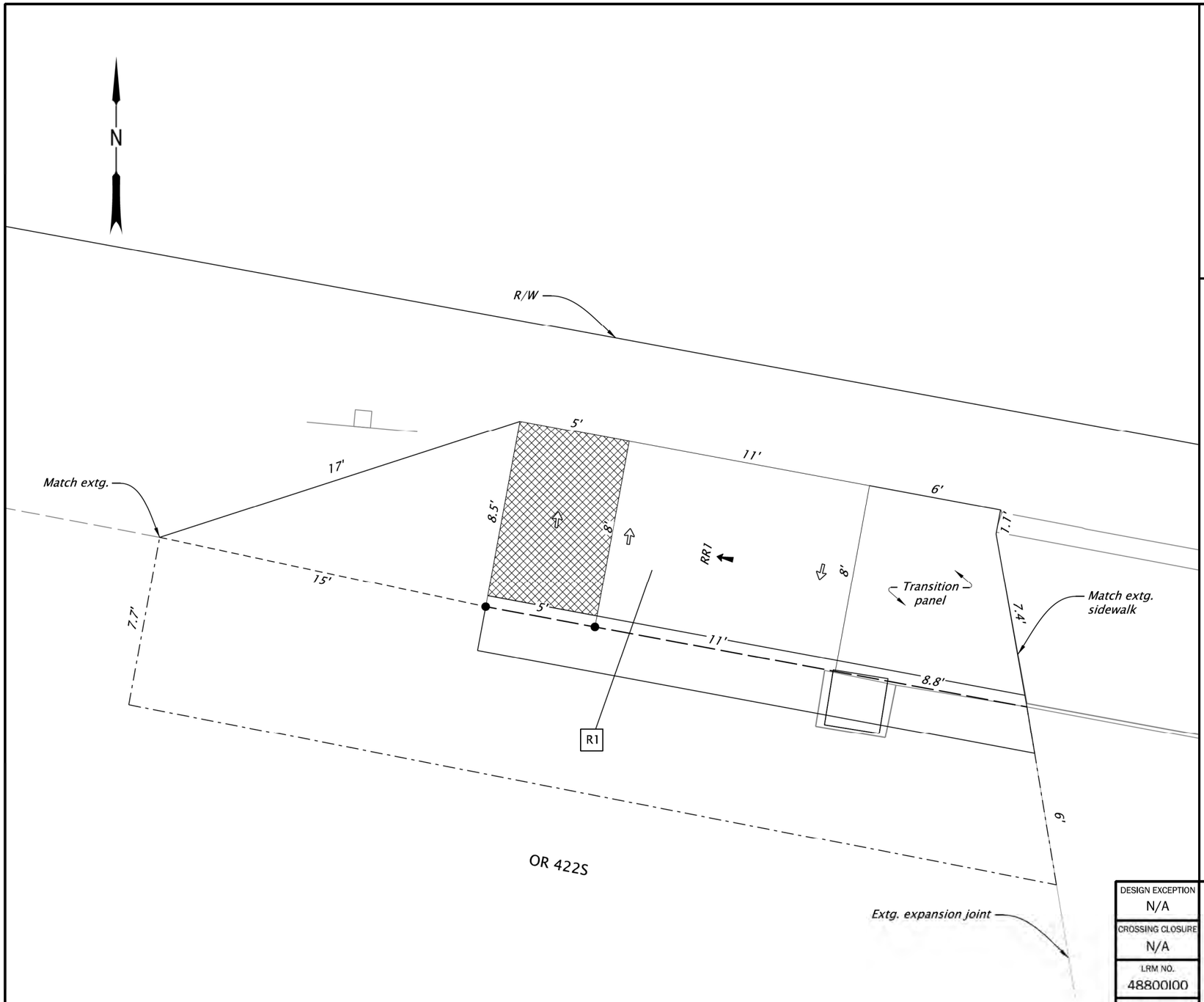
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC303

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

OR 422S

CHILOQUIN SITE 1 - CORNER 4

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	48800100
HWY: 488 M.P.: 4.55	
CORNER POSITION	4
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 09:18 53 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

ADA CURB RAMP PILOT PROGRAM PROJECT

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner | Reviewer: Mike Hohbach
Drafter: Stuart Smith | Checker: Tony Quinn

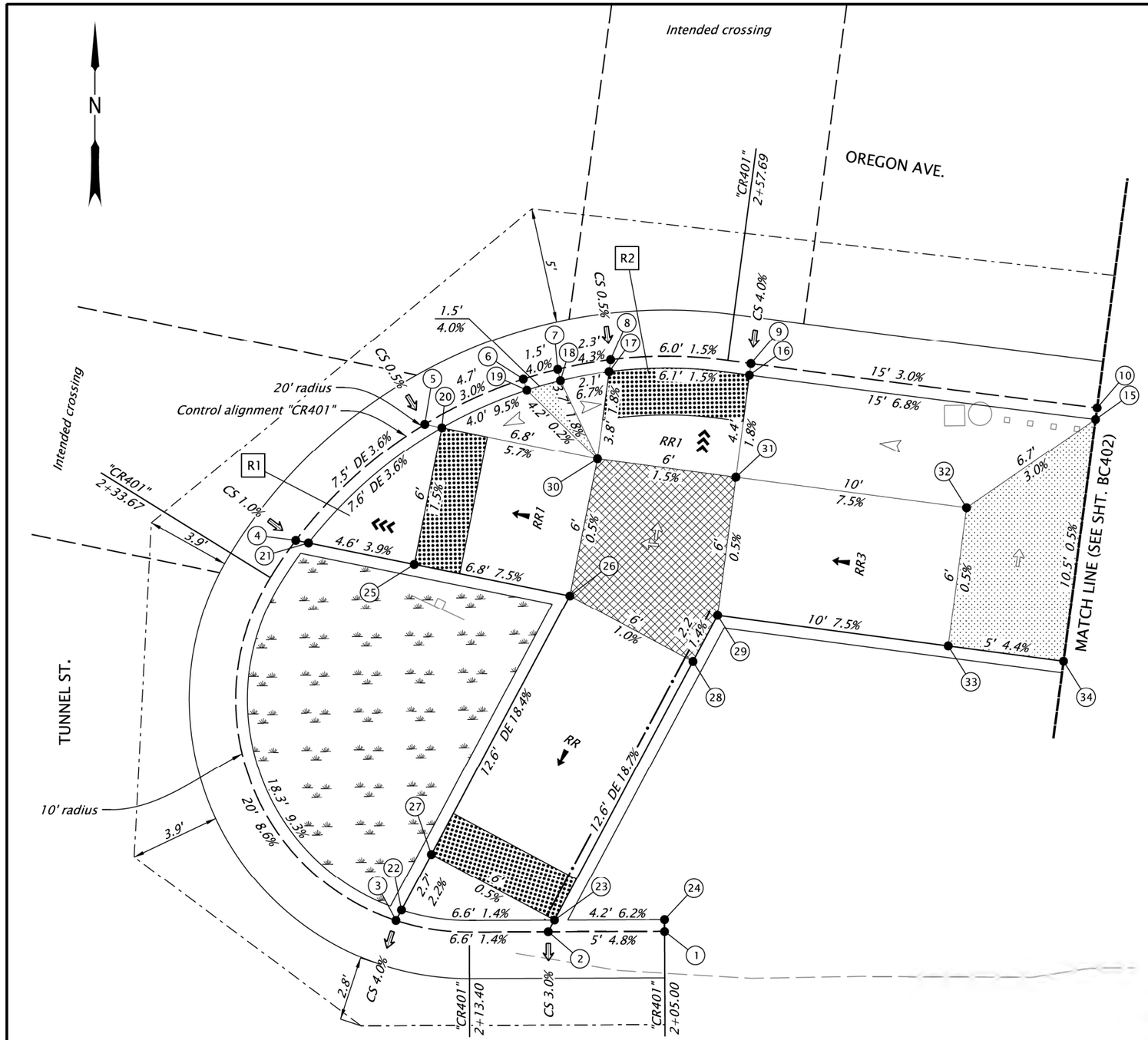
CURB RAMP DETAILS

SHEET NO. BC304

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 340° Scale: 1" = 5'

55V-026



US97 AT TUNNEL ST.

KLAMATH FALLS SITE 1 - CORNER 2

5 2.5 0 5

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' / DE x.x% — *Design exception component*

Point identifier

Ramp number

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

GENERAL NOTES:

1. *See next sheet for table.*

DESIGN EXCEPTION	22209-06 22209-12
CROSSING CLOSURE	N/A
LRM NO.	004AW100
HWY: 004	M.P.: 273.67
CORNER POSITION	2
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.11.09 16:03:05-08'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

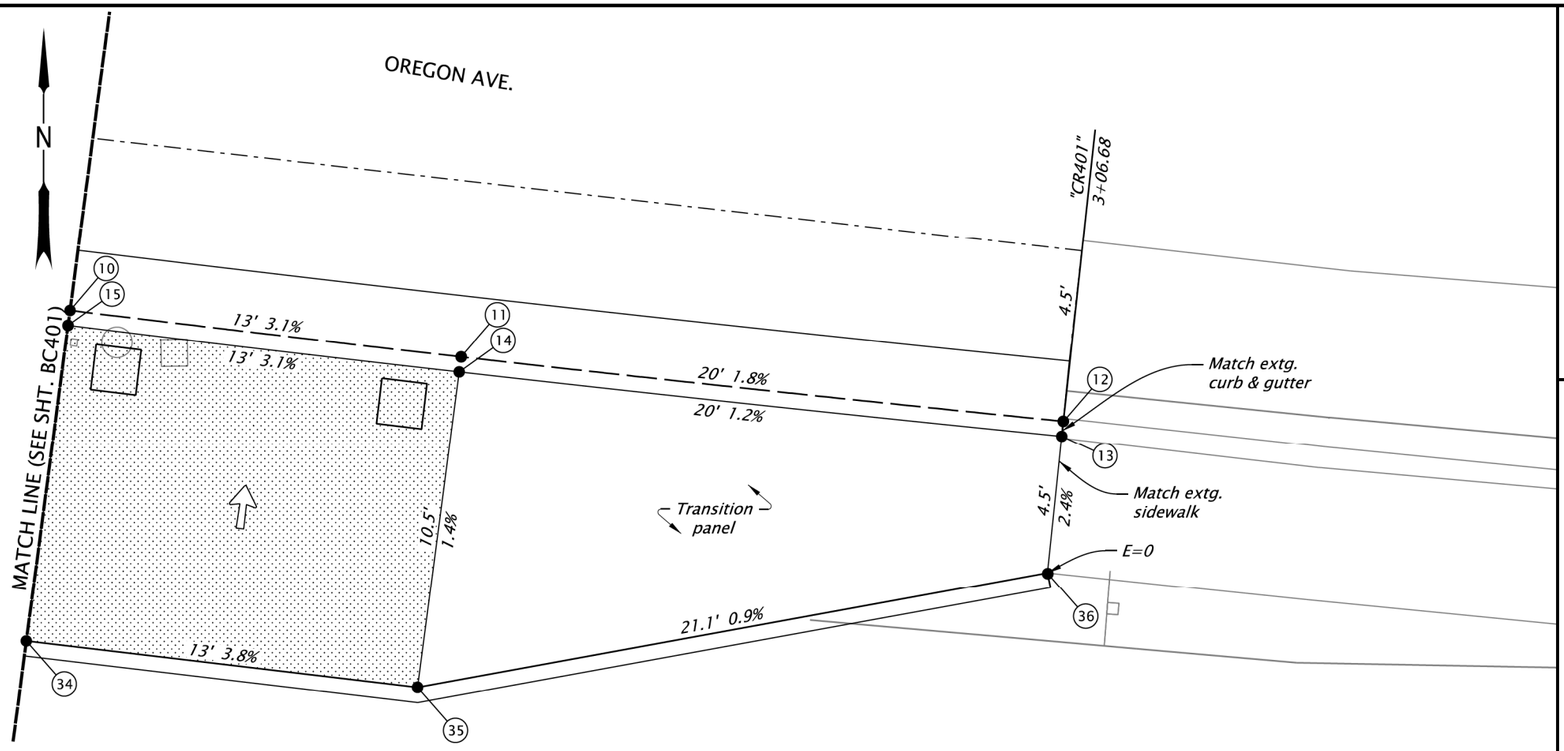
KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby — Reviewer: Travis Kruger
Drafter: Stephanie Teeter — Checker: Jose Banuelos

CURB RAMP DETAILS — SHEET NO. BC401

55V-026



LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	2+05.00	0.00	4193.53	FL
2	2+10.00	0.00	4193.29	FL
3	2+16.60	0.00	4193.20	FL
4	2+36.60	0.00	4194.92	FL
5	2+42.11	0.00	4195.18	FL
6	2+48.78	0.00	4195.32	FL
7	2+50.32	0.00	4195.38	FL
8	2+52.63	0.00	4195.48	FL
9	2+58.68	0.00	4196.57	FL
10	2+73.68	0.00	4196.02	FL
11	2+86.67	0.00	4196.42	FL
12	3+06.67	0.00	4196.78	FL
13	3+06.67	0.50	4197.24	BC
14	2+86.67	0.50	4197.00	BC
15	2+73.68	0.50	4196.60	BC
16	2+58.68	0.50	4195.58	BC
17	2+52.49	0.50	4195.49	BC
18	2+50.32	0.50	4195.63	BC
19	2+48.78	0.50	4195.57	BC

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
20	2+44.68	0.50	4195.19	BC
21	2+36.85	0.50	4194.92	BC
22	2+16.51	0.50	4193.21	BC
23	2+09.73	0.50	4193.30	BC
24	2+05.00	0.50	4193.54	BC
25	2+39.53	8.25	4195.10	SW
26	2+46.96	12.08	4195.59	SW
27	2+15.78	9.29	4193.27	SW
28	2+03.73	3.26	4195.65	SW
29	2+58.69	3.32	4195.68	SW
30	2+51.28	5.18	4195.56	SW
31	2+58.68	16.39	4195.65	SW
32	2+68.65	8.47	4196.40	SW
33	2+68.61	8.46	4196.43	SW
34	2+73.58	8.44	4196.65	SW
35	2+86.48	8.46	4197.15	SW
36	3+06.65	8.44	4197.35	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb

5 2.5 0 5

US97 AT TUNNEL ST.

KLAMATH FALLS SITE 1 - CORNER 2

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x% — *Design exception component*

Point identifier

R# — *Ramp number*

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

DESIGN EXCEPTION
22209-06
22209-12

CROSSING CLOSURE
N/A

LRM NO.
004AW100

HWY: 004
M.P.: 273.67

CORNER POSITION
2

RAMP NO.
1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.11.09 16:03:07-08'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

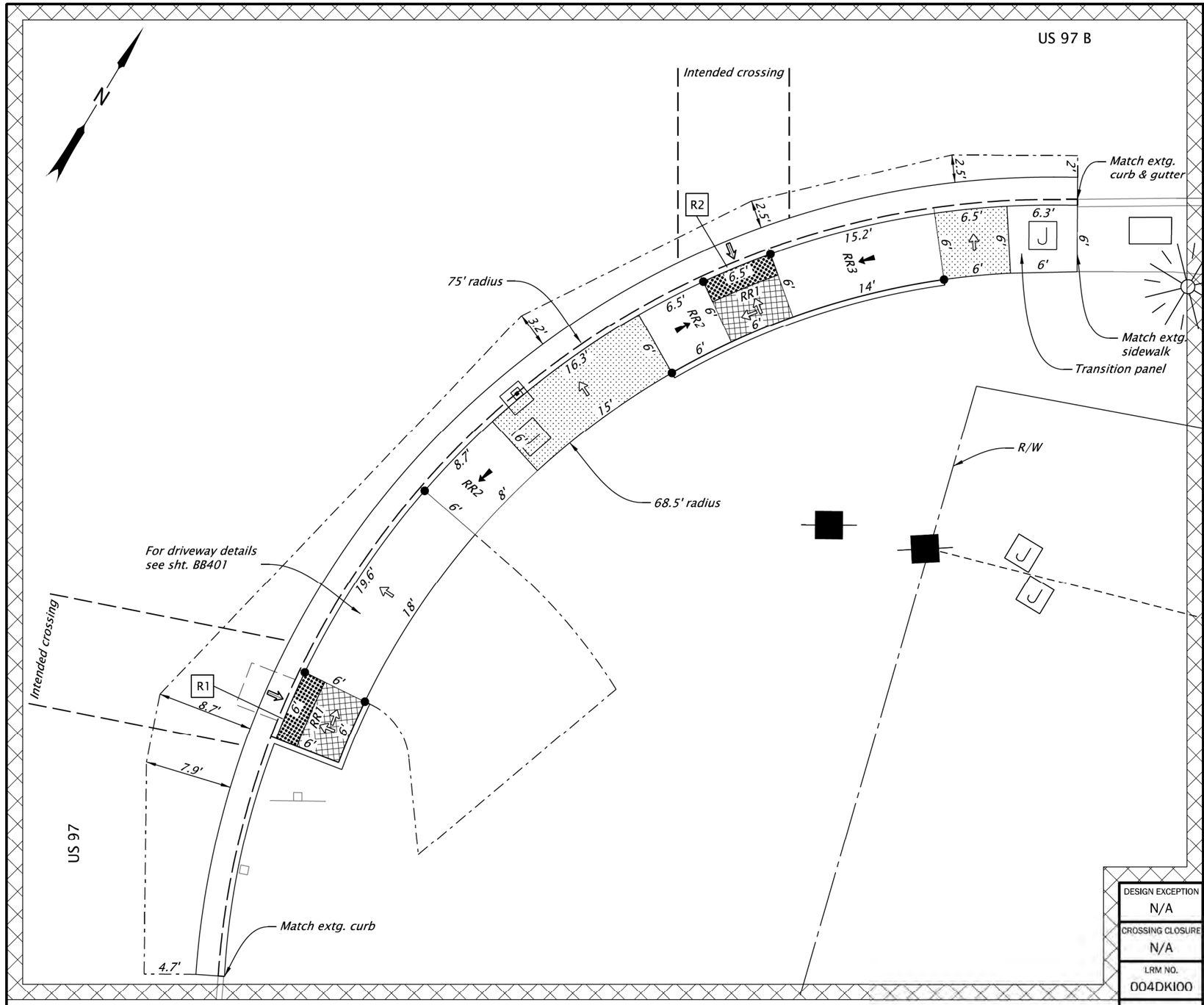
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby
Reviewer: Travis Kruger
Drafter: Stephanie Teeter
Checker: Jose Banuelos

CURB RAMP DETAILS

SHEET NO.
BC402

55V-026



- Area of excess sidewalk removal
- Rock mulch
- Sawcut line
- Zero curb exposure
- DE X.X' / DE x.x% — Design exception component
- R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

US 97 AT RIVERSIDE AVE.

KLAMATH FALLS SITE 2 - CORNER 1

10 5 0 10

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	004DKI00
HWY: 004 M.P.: 275.18	
CORNER POSITION	1
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:42:31-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

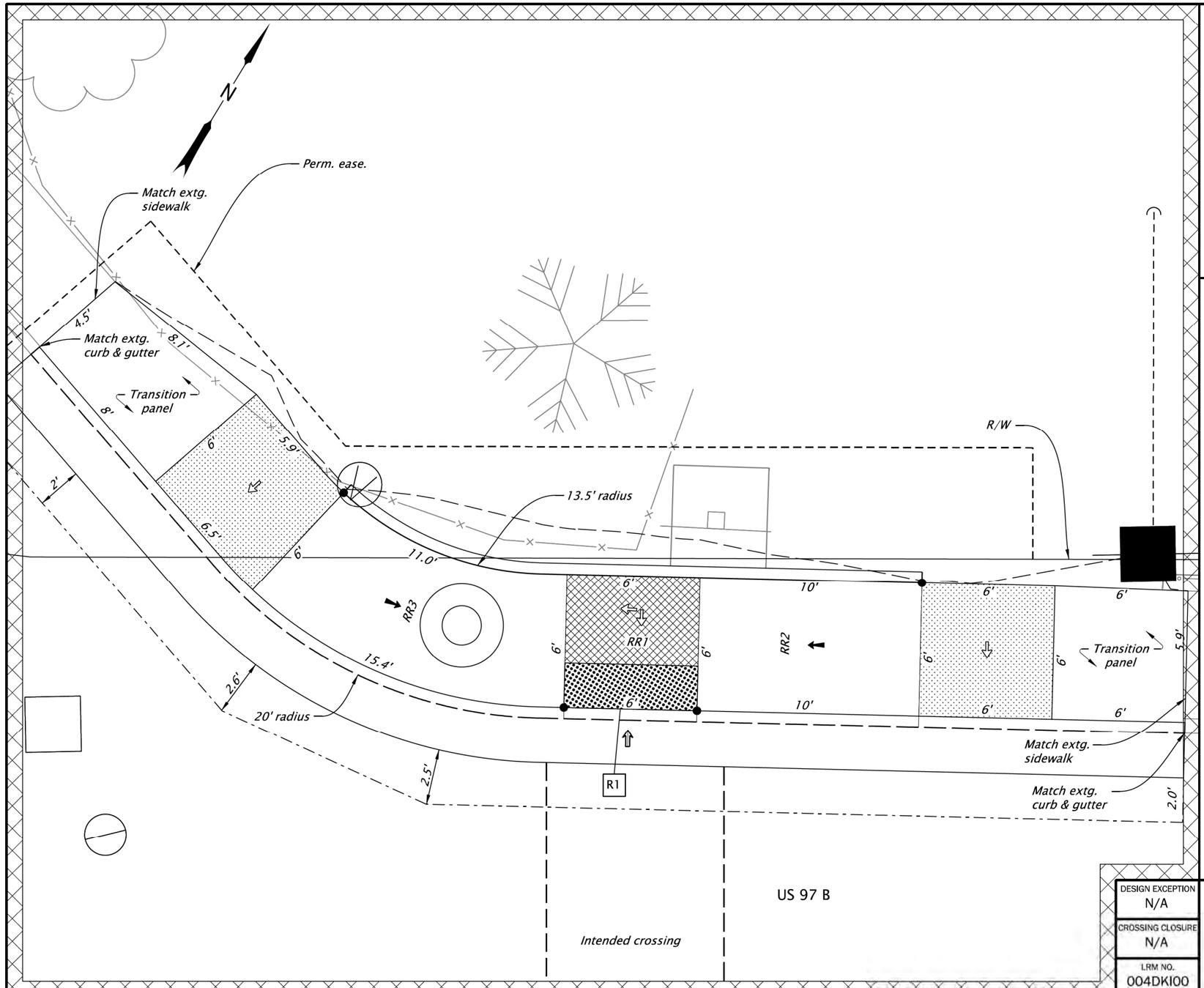
Designer: Justin Hornsby — Reviewer: Travis Kruger
Drafter: Stephanie Teeter — Checker: Jose Banuelos

CURB RAMP DETAILS — SHEET NO. BC403

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 31.1908° Scale: 1"=10'

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays
(See 00180.65)

US 97 AT RIVERSIDE AVE.

KLAMATH FALLS SITE 2 - CORNER 2

5 2.5 0 5

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	004DKI00
HWY: 004 M.P.: 275.18	
CORNER POSITION	2
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.14 09:24:30-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

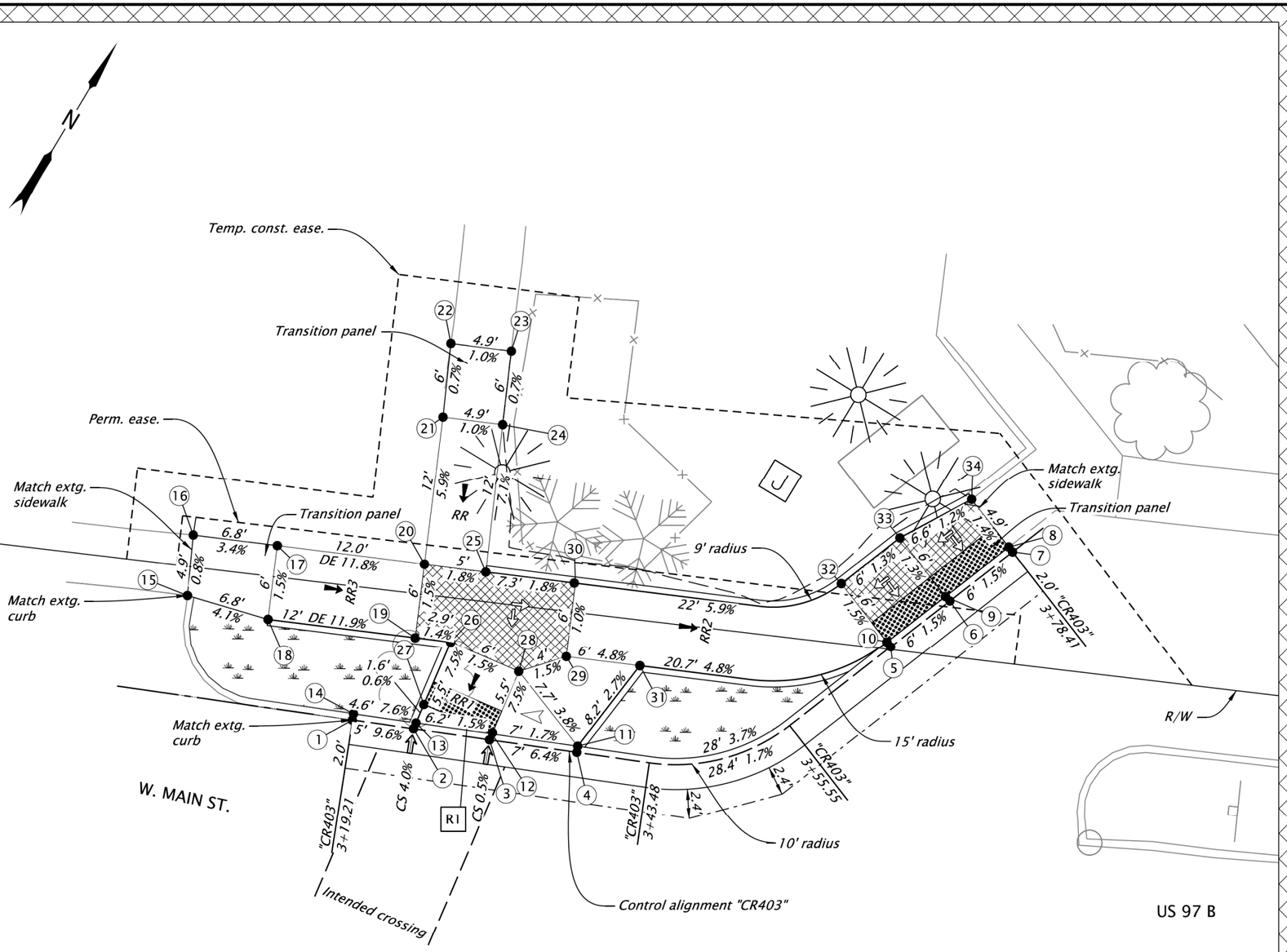
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby
Reviewer: Travis Kruger
Drafter: Stephanie Teeter
Checker: Jose Banuelos

CURB RAMP DETAILS

SHEET NO. BC404

55V-026



US 97 AT RIVERSIDE AVE.

KLAMATH FALLS SITE 2 - CORNER 3

10 5 0 10

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x% — *Design exception component*

(#) — *Point identifier*

R# — *Ramp number*

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

GENERAL NOTES:

1. *See next sheet for table.*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	22209-07
CROSSING CLOSURE	N/A
LRM NO.	004DKI00
HWY: 004	M.P.: 275.18
CORNER POSITION	3
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.14 16:05:42-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby — Reviewer: Travis Kruger
Drafter: Stephanie Teeter — Checker: Jose Banuelos

CURB RAMP DETAILS — SHEET NO. BC405

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	3+19.21	0.00	4101.01	FL
2	3+24.21	0.00	4100.53	FL
3	3+30.42	0.00	4100.45	FL
4	3+38.08	0.00	4100.00	FL
5	3+65.91	0.00	4099.53	FL
6	3+71.91	0.00	4099.62	FL
7	3+78.41	0.00	4099.71	FL
8	3+78.41	0.50	4099.72	BC
9	3+71.92	0.50	4099.63	BC
10	3+65.91	0.50	4099.54	BC
11	3+37.56	0.50	4100.58	BC
12	3+30.56	0.50	4100.46	BC
13	3+24.35	0.50	4100.54	BC
14	3+19.24	0.50	4101.39	BC
15	3+04.58	8.08	4102.71	SW
16	3+04.34	12.98	4102.75	SW
17	3+11.20	13.10	4102.52	SW
18	3+11.31	7.10	4102.43	SW
19	3+23.30	7.32	4101.00	SW
20	3+23.19	13.32	4101.09	SW
21	3+22.98	25.31	4101.80	SW
22	3+22.76	31.31	4101.76	SW
23	3+27.69	31.40	4101.81	SW
24	3+27.84	25.40	4101.85	SW
25	3+28.19	13.41	4101.00	SW
26	3+26.19	7.37	4100.96	SW
27	3+24.76	2.06	4100.55	SW
28	3+31.99	5.81	4100.87	SW
29	3+35.61	7.54	4100.81	SW
30	3+35.50	13.54	4100.87	SW
31	3+41.61	7.65	4100.52	SW
32	3+65.91	6.50	4099.57	SW
33	3+71.91	6.50	4099.71	SW
34	3+78.41	5.39	4099.79	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb

US 97 AT RIVERSIDE AVE.

KLAMATH FALLS SITE 2 - CORNER 3

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION: 22209-07
CROSSING CLOSURE: N/A
LRM NO.: 004DK100
HWY: 004
M.P.: 275.18
CORNER POSITION: 3
RAMP NO.: 1

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:42:45-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby
Drafter: Stephanie Teeter
Reviewer: Travis Kruger
Checker: Jose Banuelos

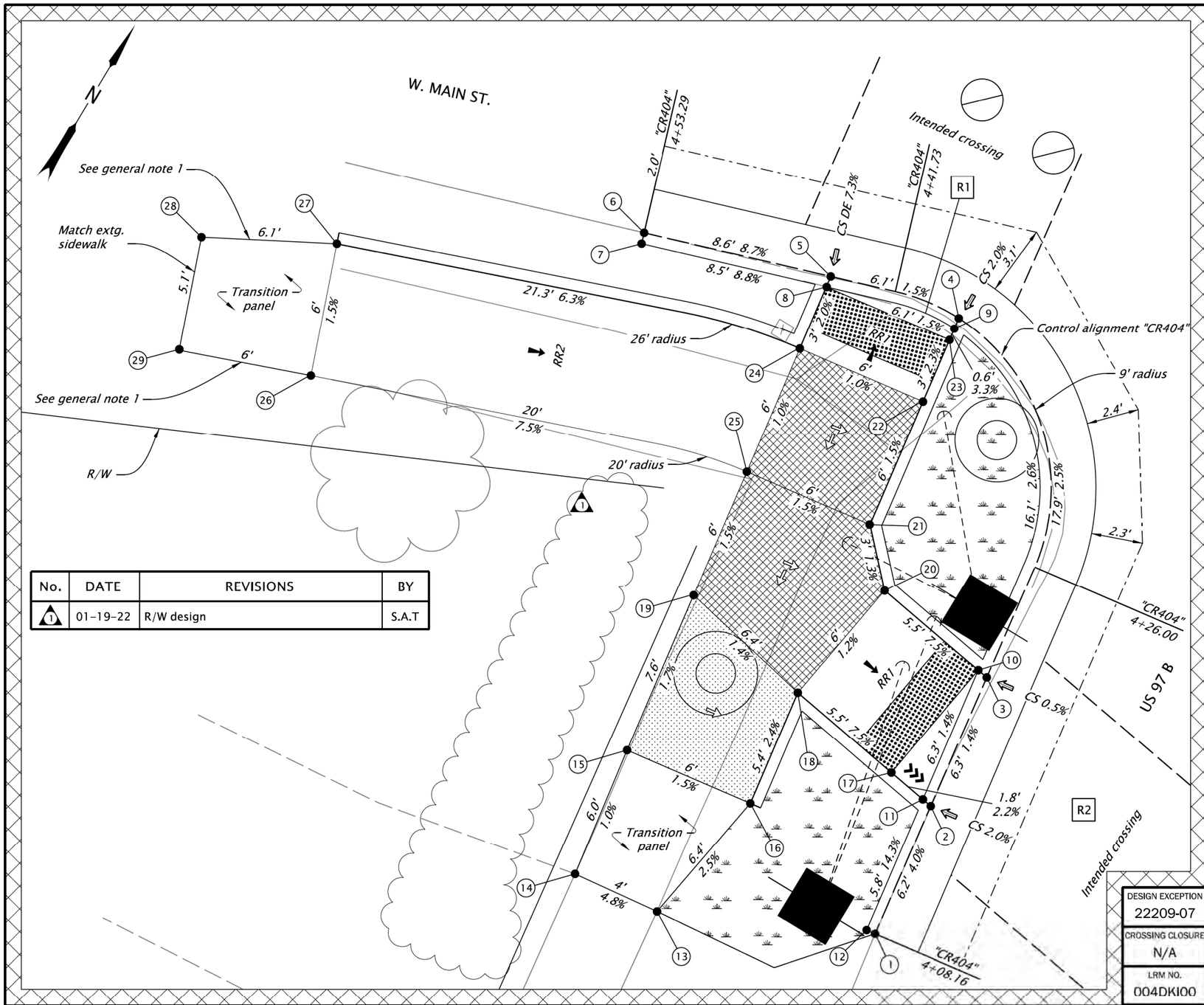
CURB RAMP DETAILS

SHEET NO.: BC406

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 31.1908° Scale: 1"=10'

55V-026



No.	DATE	REVISIONS	BY
1	01-19-22	R/W design	S.A.T

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' DE x.x% — Design exception component

\# — Point identifier

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

GENERAL NOTES:

1. Grade is outside of survey limits. Contractor to provide and verify grades with the Engineer.
2. See next sheet for table.

Right-of-Way delays or access delays (See 00180.65)

US 97 AT RIVERSIDE AVE.

KLAMATH FALLS SITE 2 - CORNER 4

5 2.5 0 5

DESIGN EXCEPTION	22209-07
CROSSING CLOSURE	N/A
LRM NO.	004DK100
HWY: 004 M.P.: 275.18	
CORNER POSITION	4
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2022.01.20 20:11:56-08'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2023

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby — Reviewer: Travis Kruger
Drafter: Stephanie Teeter — Checker: Jose Banuelos

CURB RAMP DETAILS — SHEET NO. BC407

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	4+08.16	0.00	4099.66	FL
2	4+14.36	0.00	4099.90	FL
3	4+20.66	0.00	4099.99	FL
4	4+38.66	0.00	4100.44	FL
5	4+44.72	0.00	4100.53	FL
6	4+53.29	0.00	4101.28	FL
7	4+53.29	0.50	4101.29	BC
8	4+44.81	0.50	4100.54	BC
9	4+38.46	0.50	4100.45	BC
10	4+20.80	0.50	4100.00	BC
11	4+14.52	0.50	4099.91	BC
12	4+08.16	0.50	4099.67	BC
13	4+05.25	9.32	4100.07	SW
14	4+05.25	13.32	4100.26	SW
15	4+11.25	13.45	4100.32	SW
16	4+11.25	7.45	4100.23	SW
17	4+15.06	2.21	4099.95	SW
18	4+16.65	7.50	4100.36	SW
19	4+18.79	13.50	4100.45	SW
20	4+22.40	5.74	4100.41	SW
21	4+24.84	7.50	4100.45	SW
22	4+37.47	3.95	4100.54	SW
23	4+38.46	1.10	4100.47	SW
24	4+45.33	3.45	4101.60	SW
25	4+46.39	9.36	4101.54	SW
26	4+66.36	9.60	4102.03	SW
27	4+66.57	3.60	4101.94	SW
28	4+72.53	4.69	See general note 1.	SW
29	4+72.36	9.84	See general note 1.	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb

GENERAL NOTES:

1. Grade is outside of survey limits. Contractor to provide and verify grades with the Engineer.

US 97 AT RIVERSIDE AVE.

KLAMATH FALLS SITE 2 - CORNER 4

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION: 22209-07
CROSSING CLOSURE: N/A
LRM NO.: 004DK100
HWY: 004
M.P.: 275.18
CORNER POSITION: 4
RAMP NO.: 1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:42:52-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby
Drafter: Stephanie Teeter
Reviewer: Travis Kruger
Checker: Jose Banuelos

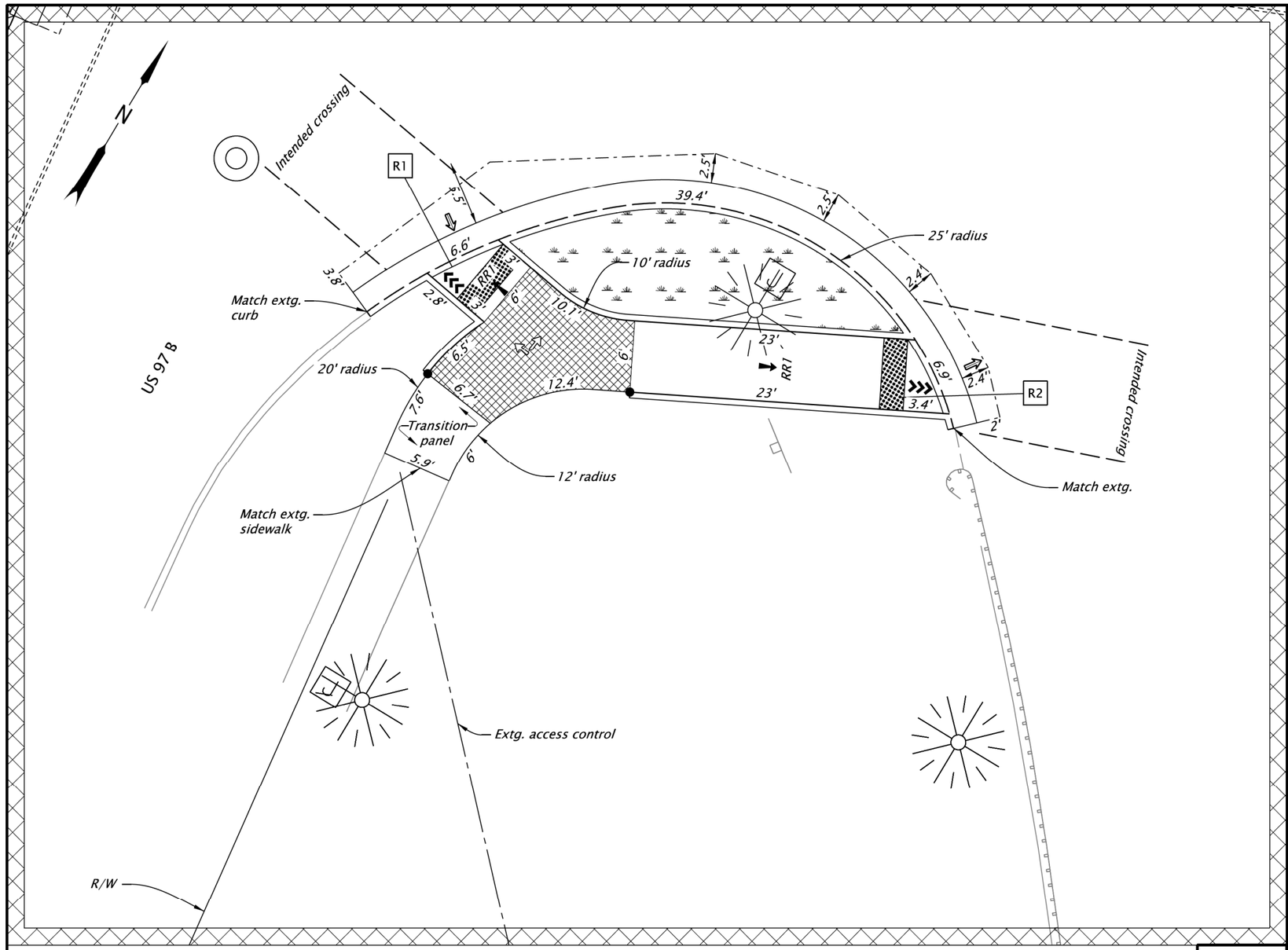
CURB RAMP DETAILS

SHEET NO.: BC408

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 31.1908° Scale: 1"=5'

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

US 97 AT RIVERSIDE AVE.

KLAMATH FALLS SITE 2 - CORNER 5

10 5 0 10

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	004DKI00
HWY: 004 M.P.: 275.18	
CORNER POSITION	5
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:42:55-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

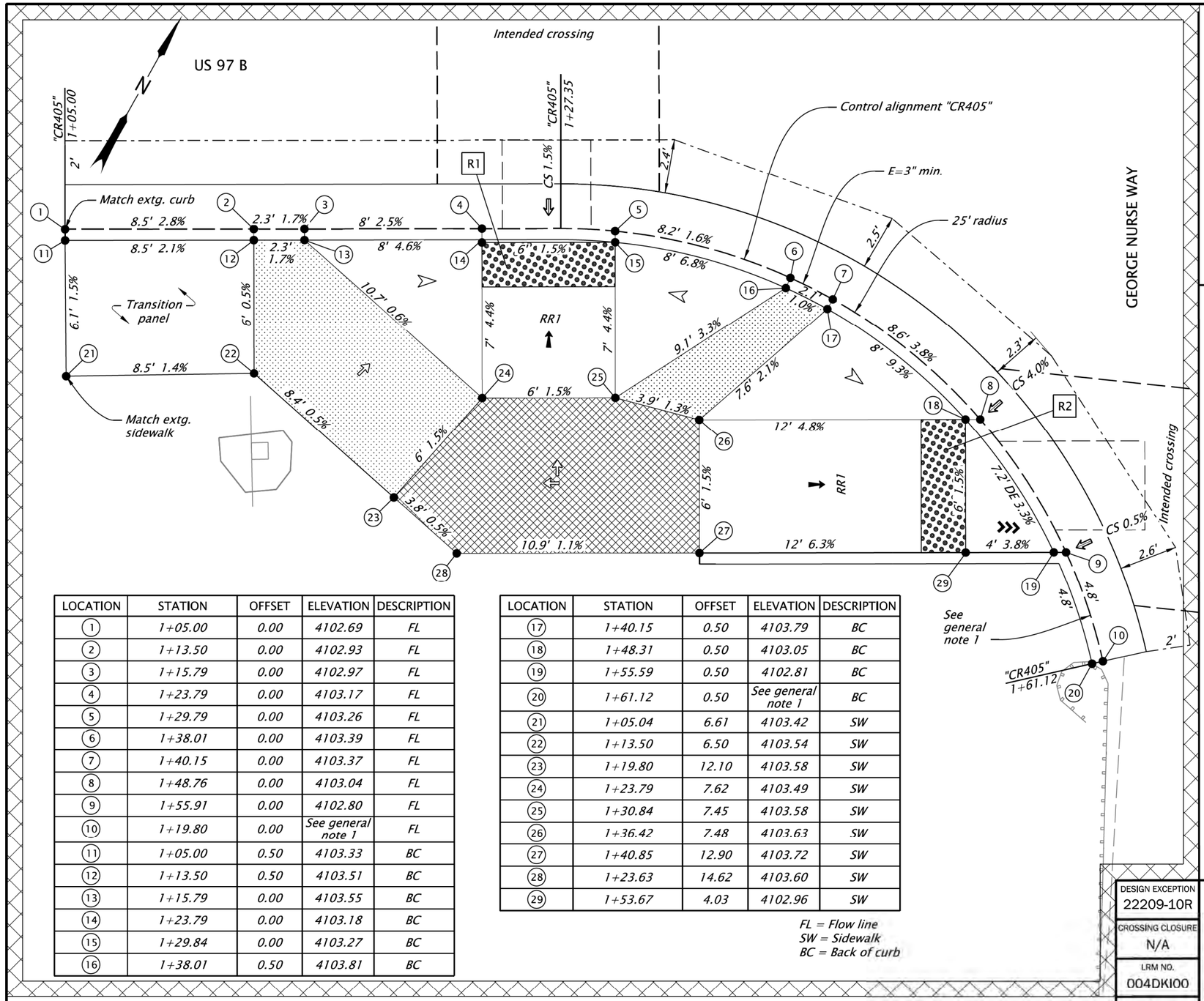
KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby
Reviewer: Travis Kruger
Drafter: Stephanie Teeter
Checker: Jose Banuelos

CURB RAMP DETAILS

SHEET NO. BC409



LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	1+05.00	0.00	4102.69	FL
2	1+13.50	0.00	4102.93	FL
3	1+15.79	0.00	4102.97	FL
4	1+23.79	0.00	4103.17	FL
5	1+29.79	0.00	4103.26	FL
6	1+38.01	0.00	4103.39	FL
7	1+40.15	0.00	4103.37	FL
8	1+48.76	0.00	4103.04	FL
9	1+55.91	0.00	4102.80	FL
10	1+19.80	0.00	See general note 1	FL
11	1+05.00	0.50	4103.33	BC
12	1+13.50	0.50	4103.51	BC
13	1+15.79	0.00	4103.55	BC
14	1+23.79	0.00	4103.18	BC
15	1+29.84	0.00	4103.27	BC
16	1+38.01	0.50	4103.81	BC

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
17	1+40.15	0.50	4103.79	BC
18	1+48.31	0.50	4103.05	BC
19	1+55.59	0.50	4102.81	BC
20	1+61.12	0.50	See general note 1	BC
21	1+05.04	6.61	4103.42	SW
22	1+13.50	6.50	4103.54	SW
23	1+19.80	12.10	4103.58	SW
24	1+23.79	7.62	4103.49	SW
25	1+30.84	7.45	4103.58	SW
26	1+36.42	7.48	4103.63	SW
27	1+40.85	12.90	4103.72	SW
28	1+23.63	14.62	4103.60	SW
29	1+53.67	4.03	4102.96	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' / DE x.x% — Design exception component

(#) — Point identifier

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

GENERAL NOTES:

1. Grade is outside of survey limits. Contractor to provide and verify grade with the Engineer.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

US97 AT GEORGE NURSE WAY

KLAMATH FALLS SITE 3 - CORNER 1

5 2.5 0 5

DESIGN EXCEPTION	22209-10R
CROSSING CLOSURE	N/A
LRM NO.	004DK100
HWY: 004 M.P.: 275.26	
CORNER POSITION	1
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.22 08:55:38-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

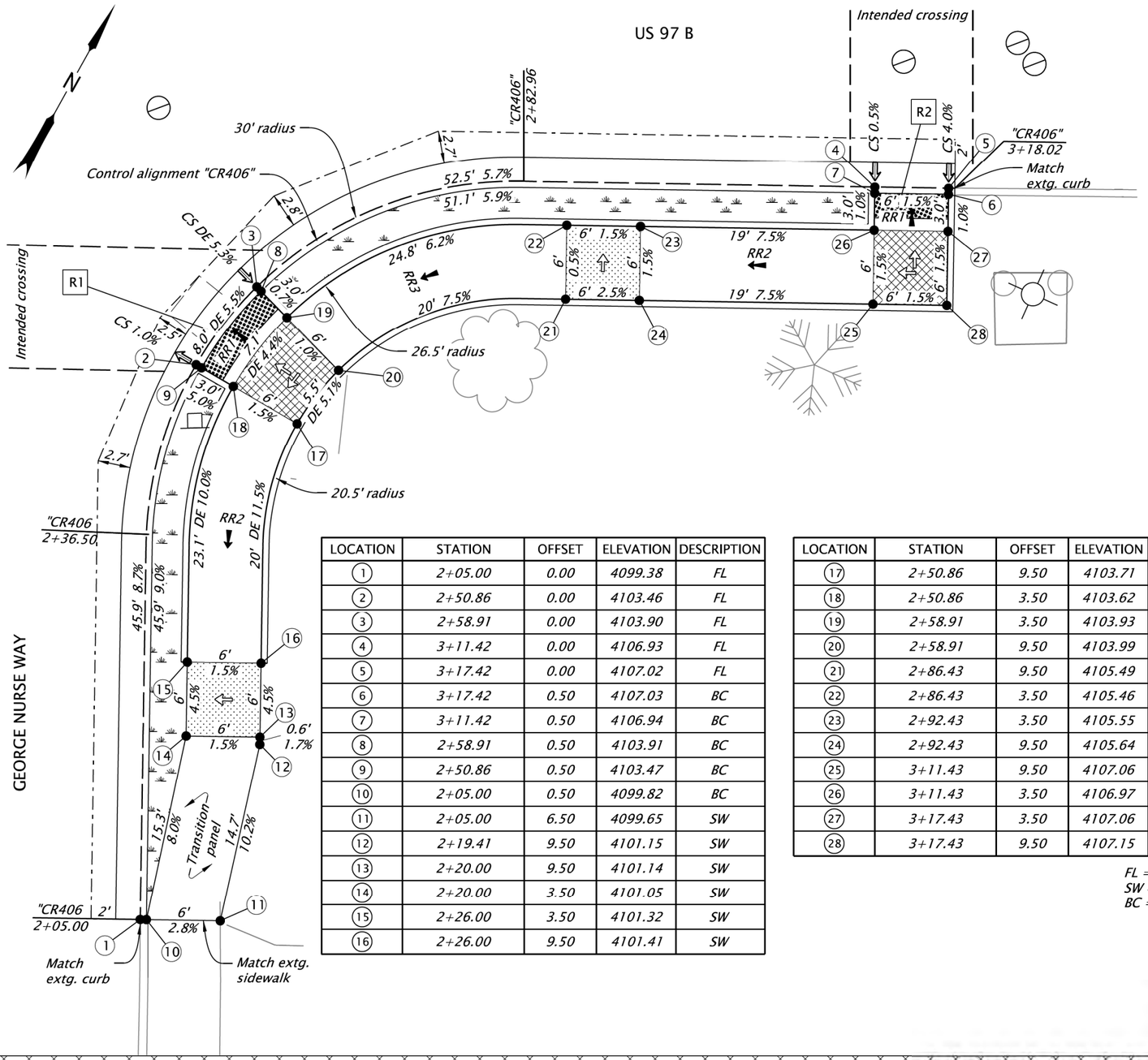
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby — Reviewer: Travis Kruger
Drafter: Stephanie Teeter — Checker: Jose Banuelos

CURB RAMP DETAILS

SHEET NO. BC410

55V-026



LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	2+05.00	0.00	4099.38	FL
2	2+50.86	0.00	4103.46	FL
3	2+58.91	0.00	4103.90	FL
4	3+11.42	0.00	4106.93	FL
5	3+17.42	0.00	4107.02	FL
6	3+17.42	0.50	4107.03	BC
7	3+11.42	0.50	4106.94	BC
8	2+58.91	0.50	4103.91	BC
9	2+50.86	0.50	4103.47	BC
10	2+05.00	0.50	4099.82	BC
11	2+05.00	6.50	4099.65	SW
12	2+19.41	9.50	4101.15	SW
13	2+20.00	9.50	4101.14	SW
14	2+20.00	3.50	4101.05	SW
15	2+26.00	3.50	4101.32	SW
16	2+26.00	9.50	4101.41	SW

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
17	2+50.86	9.50	4103.71	SW
18	2+50.86	3.50	4103.62	SW
19	2+58.91	3.50	4103.93	SW
20	2+58.91	9.50	4103.99	SW
21	2+86.43	9.50	4105.49	SW
22	2+86.43	3.50	4105.46	SW
23	2+92.43	3.50	4105.55	SW
24	2+92.43	9.50	4105.64	SW
25	3+11.43	9.50	4107.06	SW
26	3+11.43	3.50	4106.97	SW
27	3+17.43	3.50	4107.06	SW
28	3+17.43	9.50	4107.15	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x% *Design exception component*

Point identifier

Ramp number

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

US 97 AT GEORGE NURSE WAY

KLAMATH FALLS SITE 3 - CORNER 2

10 5 0 10

DESIGN EXCEPTION	22209-10R
CROSSING CLOSURE	N/A
LRM NO.	004DK100
HWY: 004 M.P.: 275.26	
CORNER POSITION	2
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.22 08:55:41-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby Reviewer: Travis Kruger
Drafter: Stephanie Teeter Checker: Jose Banuelos

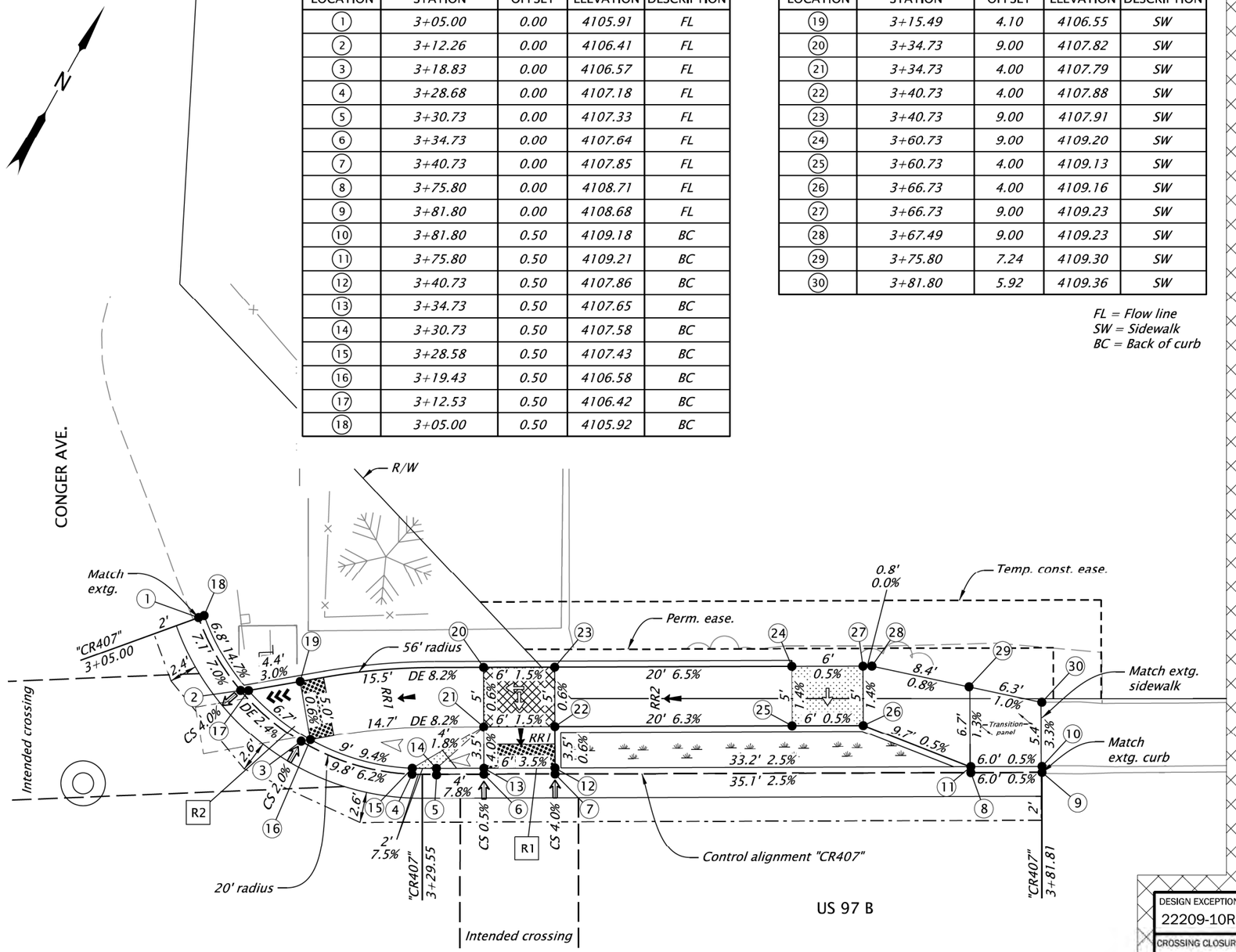
CURB RAMP DETAILS SHEET NO. BC411

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	3+05.00	0.00	4105.91	FL
2	3+12.26	0.00	4106.41	FL
3	3+18.83	0.00	4106.57	FL
4	3+28.68	0.00	4107.18	FL
5	3+30.73	0.00	4107.33	FL
6	3+34.73	0.00	4107.64	FL
7	3+40.73	0.00	4107.85	FL
8	3+75.80	0.00	4108.71	FL
9	3+81.80	0.00	4108.68	FL
10	3+81.80	0.50	4109.18	BC
11	3+75.80	0.50	4109.21	BC
12	3+40.73	0.50	4107.86	BC
13	3+34.73	0.50	4107.65	BC
14	3+30.73	0.50	4107.58	BC
15	3+28.58	0.50	4107.43	BC
16	3+19.43	0.50	4106.58	BC
17	3+12.53	0.50	4106.42	BC
18	3+05.00	0.50	4105.92	BC

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
19	3+15.49	4.10	4106.55	SW
20	3+34.73	9.00	4107.82	SW
21	3+34.73	4.00	4107.79	SW
22	3+40.73	4.00	4107.88	SW
23	3+40.73	9.00	4107.91	SW
24	3+60.73	9.00	4109.20	SW
25	3+60.73	4.00	4109.13	SW
26	3+66.73	4.00	4109.16	SW
27	3+66.73	9.00	4109.23	SW
28	3+67.49	9.00	4109.23	SW
29	3+75.80	7.24	4109.30	SW
30	3+81.80	5.92	4109.36	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x%
Design exception component

(#) Point identifier

R# Ramp number

Right-of-Way delays or access delays
(See 00180.65)

US97 AT GEORGE NURSE WAY

KLAMATH FALLS SITE 3 - CORNER 3

10 5 0 10

DESIGN EXCEPTION	22209-10R
CROSSING CLOSURE	N/A
LRM NO.	004DKI00
HWY: 004	M.P.: 275.26
CORNER POSITION	3
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.11.09 16:03:09-08'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

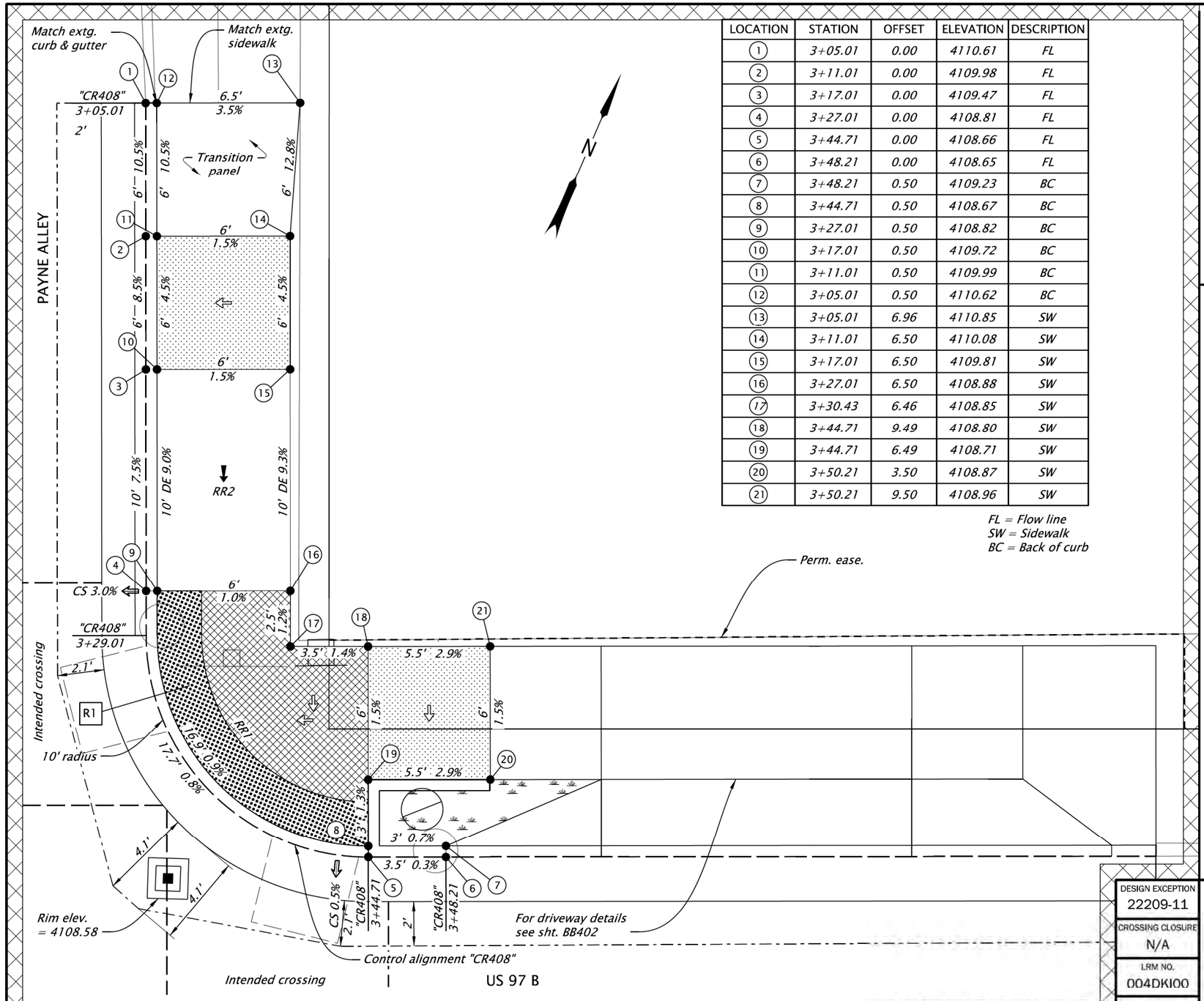
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby Reviewer: Travis Kruger
Drafter: Stephanie Teeter Checker: Jose Banuelos

CURB RAMP DETAILS

SHEET NO. BC412

55V-026



LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	3+05.01	0.00	4110.61	FL
2	3+11.01	0.00	4109.98	FL
3	3+17.01	0.00	4109.47	FL
4	3+27.01	0.00	4108.81	FL
5	3+44.71	0.00	4108.66	FL
6	3+48.21	0.00	4108.65	FL
7	3+48.21	0.50	4109.23	BC
8	3+44.71	0.50	4108.67	BC
9	3+27.01	0.50	4108.82	BC
10	3+17.01	0.50	4109.72	BC
11	3+11.01	0.50	4109.99	BC
12	3+05.01	0.50	4110.62	BC
13	3+05.01	6.96	4110.85	SW
14	3+11.01	6.50	4110.08	SW
15	3+17.01	6.50	4109.81	SW
16	3+27.01	6.50	4108.88	SW
17	3+30.43	6.46	4108.85	SW
18	3+44.71	9.49	4108.80	SW
19	3+44.71	6.49	4108.71	SW
20	3+50.21	3.50	4108.87	SW
21	3+50.21	9.50	4108.96	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x%
Design exception component

Point identifier

Ramp number

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

US97 AT PAYNE ALLEY

KLAMATH FALLS SITE 4 - CORNER 3

5 2.5 0 5

DESIGN EXCEPTION	22209-11
CROSSING CLOSURE	N/A
LRM NO.	004DKI00
HWY: 004	M.P.: 275.30
CORNER POSITION	3
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.11.09 16:03:11-08'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

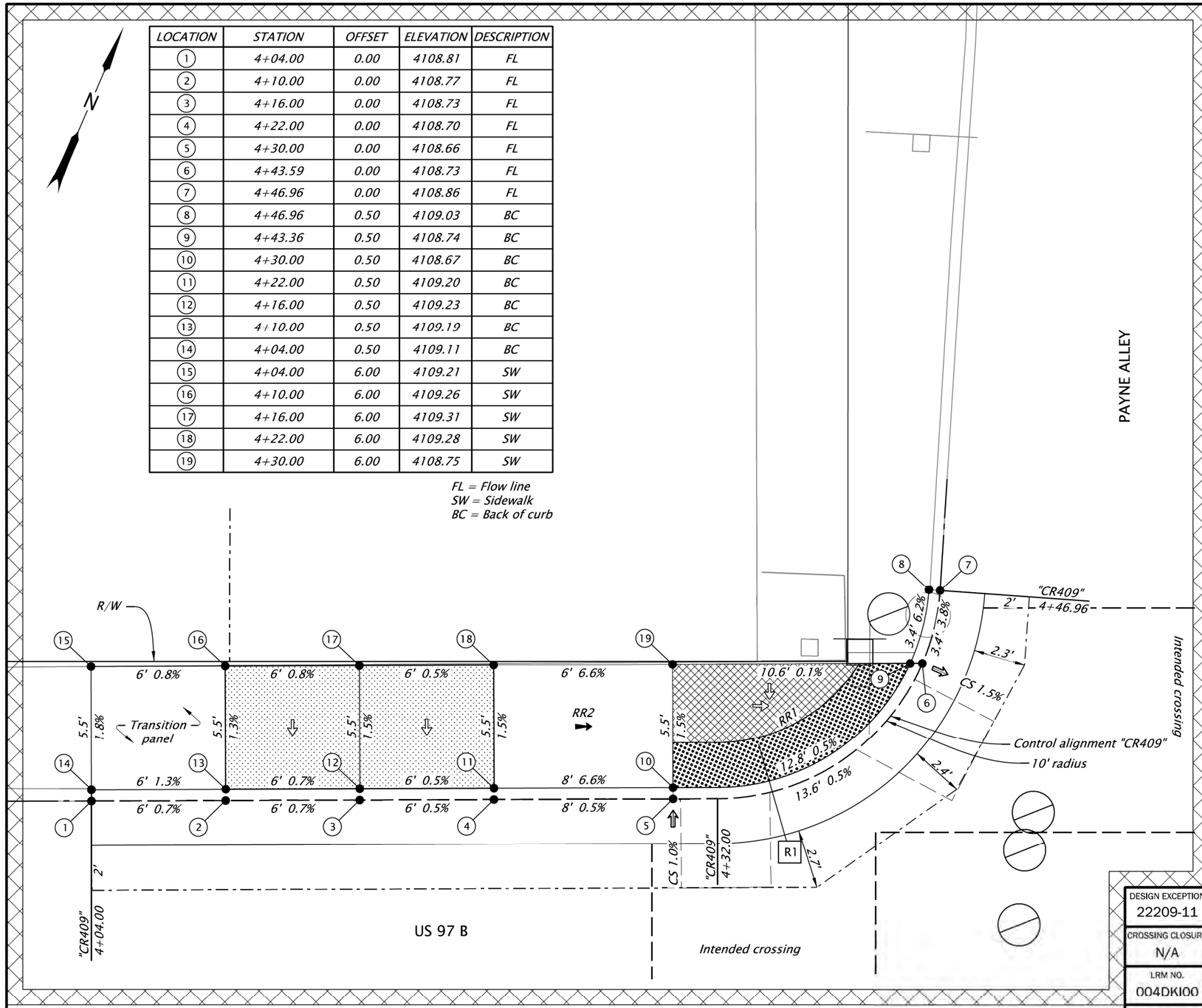
Designer: Justin Hornsby | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

CURB RAMP DETAILS | SHEET NO. BC413

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	4+04.00	0.00	4108.81	FL
2	4+10.00	0.00	4108.77	FL
3	4+16.00	0.00	4108.73	FL
4	4+22.00	0.00	4108.70	FL
5	4+30.00	0.00	4108.66	FL
6	4+43.59	0.00	4108.73	FL
7	4+46.96	0.00	4108.86	FL
8	4+46.96	0.50	4109.03	BC
9	4+43.36	0.50	4108.74	BC
10	4+30.00	0.50	4108.67	BC
11	4+22.00	0.50	4109.20	BC
12	4+16.00	0.50	4109.23	BC
13	4+10.00	0.50	4109.19	BC
14	4+04.00	0.50	4109.11	BC
15	4+04.00	6.00	4109.21	SW
16	4+10.00	6.00	4109.26	SW
17	4+16.00	6.00	4109.31	SW
18	4+22.00	6.00	4109.28	SW
19	4+30.00	6.00	4108.75	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



US97 AT PAYNE ALLEY

KLAMATH FALLS SITE 4 - CORNER 4

5 2.5 0 5

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x%
Design exception component

Point identifier

Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	22209-11
CROSSING CLOSURE	N/A
LRM NO.	004DK100
HWY: 004 M.P.: 275.30	
CORNER POSITION	4
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:43:20-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby
Drafter: Stephanie Teeter
Reviewer: Travis Kruger
Checker: Jose Banuelos

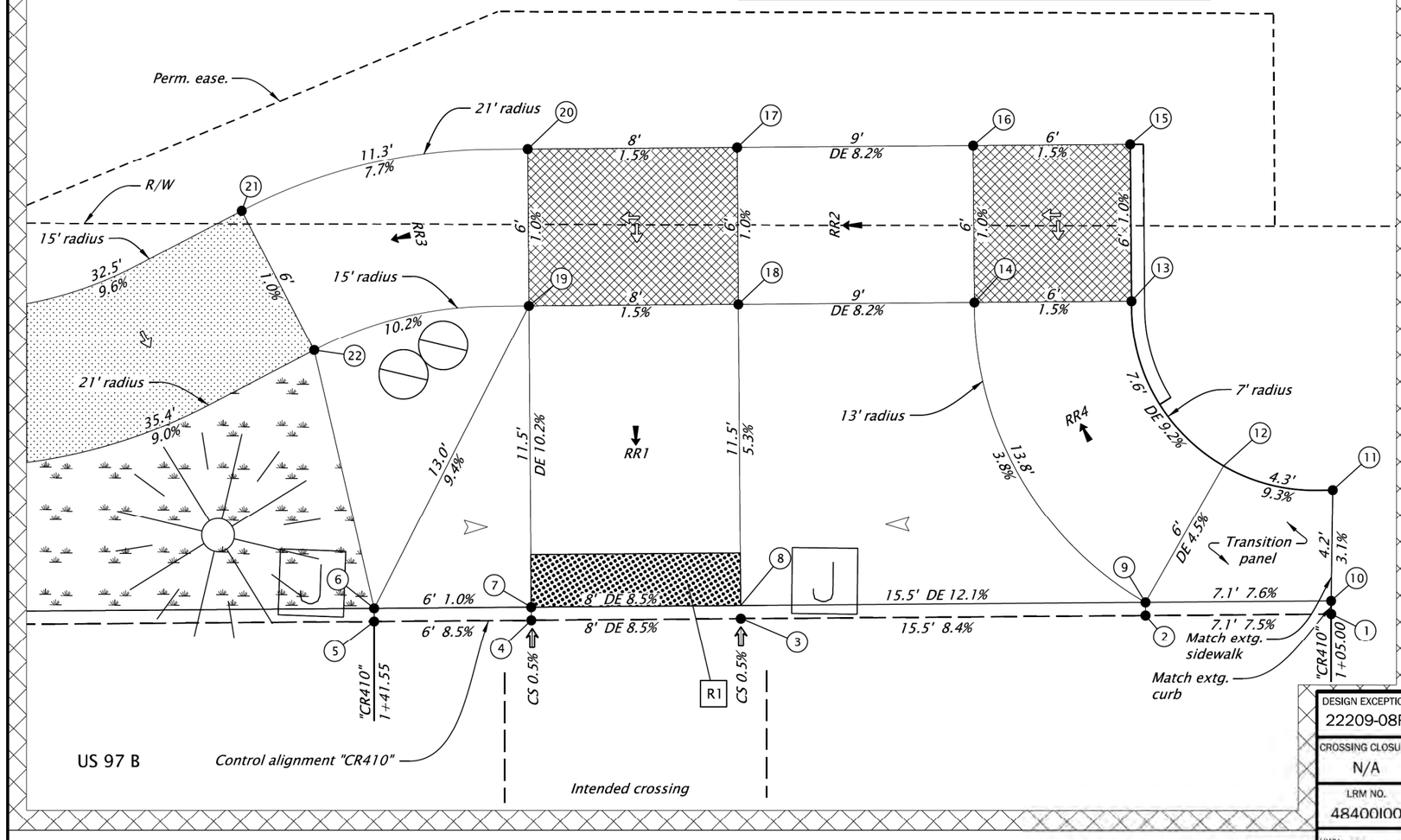
CURB RAMP DETAILS

SHEET NO. BC414

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	1+05.00	0.00	4133.25	FL
2	1+12.09	0.00	4132.72	FL
3	1+27.55	0.00	4131.42	FL
4	1+35.55	0.00	4130.74	FL
5	1+41.55	0.00	4130.23	FL
6	1+4155	0.50		BC
7	1+35.55	0.50	4130.75	BC
8	1+27.55	0.50	4131.43	BC
9	1+12.09	0.50	4133.30	BC
10	1+05.00	0.50	4133.84	BC
11	1+04.91	4.72	4133.97	SW

LOCATION	STATION	OFFSET	ELEVATION	
12	1+09.07	5.68	4133.57	SW
13	1+12.54	12.00	4132.87	SW
14	1+18.54	12.00	4132.78	SW
15	1+12.54	18.00	4132.93	SW
16	1+18.54	18.00	4132.84	SW
17	1+27.55	18.00	4132.10	SW
18	1+27.55	12.00	4132.04	SW
19	1+35.55	12.00	4131.92	SW
20	1+35.55	18.00	4131.98	SW
21	1+46.49	15.71	4131.11	SW
22	1+43.76	10.36	4131.05	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



US 97 B AT MICHIGAN AVE.

KLAMATH FALLS SITE 5 - CORNER 1

5 2.5 0 5

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x%
Design exception component

(#) Point identifier

R# Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	22209-08R
CROSSING CLOSURE	N/A
LRM NO.	48400100
HWY: 484	M.P.: 5.00
CORNER POSITION	1
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.22 08:55:44-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

CURB RAMP DETAILS

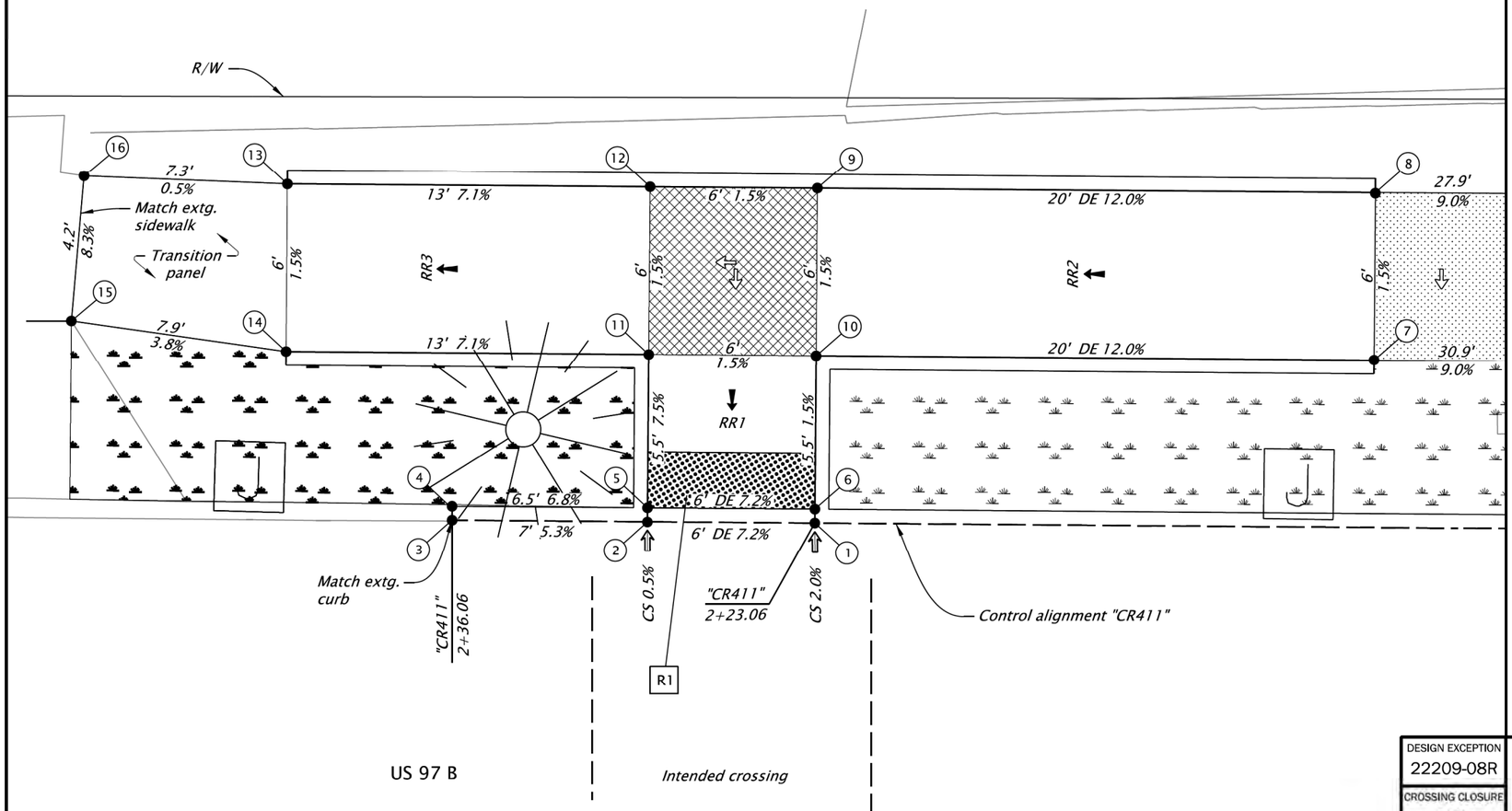
SHEET NO. BC415

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	2+23.06	0.00	4125.39	FL
2	2+29.06	0.00	4124.97	FL
3	2+36.06	0.00	4124.60	FL
4	2+36.06	0.50	4125.12	BC
5	2+29.06	0.50	4124.98	BC
6	2+23.06	0.50	4125.40	BC
7	2+03.06	6.00	4127.88	SW
8	2+03.06	12.00	4127.97	SW

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
9	2+23.06	12.00	4125.57	SW
10	2+23.06	6.00	4125.48	SW
11	2+29.06	6.00	4125.39	SW
12	2+29.06	12.00	4125.48	SW
13	2+4206	12.00	4124.56	SW
14	2+4206	6.00	4124.47	SW
15	2+49.76	7.04	4124.17	SW
16	2+49.35	12.23	4124.52	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x%
Design exception component

Point identifier

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

US 97 B AT MICHIGAN AVE.

KLAMATH FALLS SITE 5 - CORNER 2

5 2.5 0 5

DESIGN EXCEPTION	22209-08R
CROSSING CLOSURE	N/A
LRM NO.	48400100
HWY: 484	M.P.: 5.00
CORNER POSITION	2
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.11.09 16:03:13-08'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

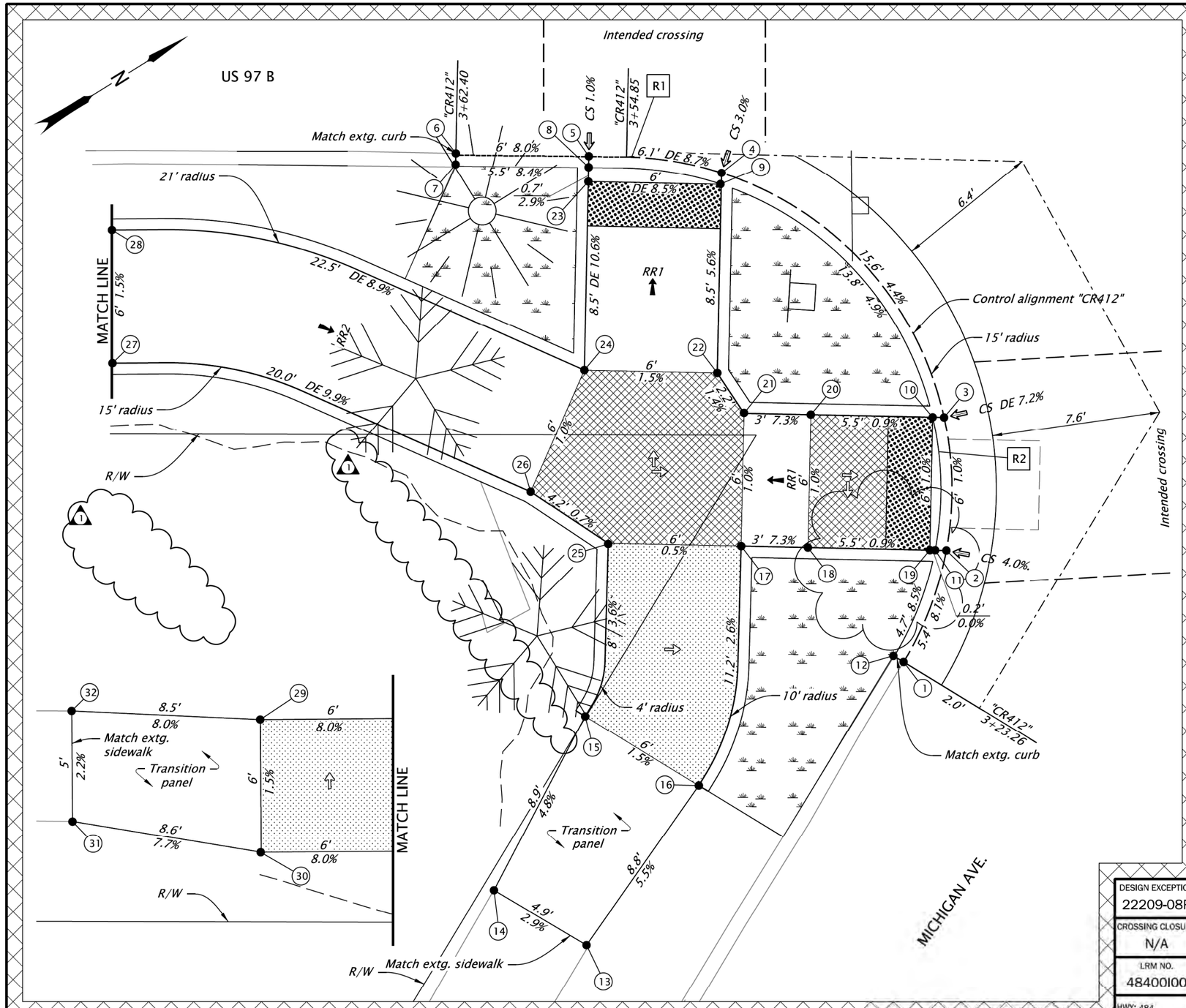
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby
Reviewer: Travis Kruger
Drafter: Stephanie Teeter
Checker: Jose Banuelos

CURB RAMP DETAILS

SHEET NO. BC416

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' DE x.x% — Design exception component

\# — Point identifier

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

GENERAL NOTES:

1. See next sheet for table.

No.	DATE	REVISIONS	BY
1	01-19-22	R/W design	S.A.T

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

US 97 B AT MICHIGAN AVE.

KLAMATH FALLS SITE 5 - CORNER 3

5 2.5 0 5

DESIGN EXCEPTION	22209-08R
CROSSING CLOSURE	N/A
LRM NO.	48400100
HWY: 484	M.P.: 5.00
CORNER POSITION	3
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2022.01.20 20:11:58-08'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2023

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby — Reviewer: Travis Kruger
Drafter: Stephanie Teeter — Checker: Jose Banuelos

CURB RAMP DETAILS — SHEET NO. BC417

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	3+23.26	0.00	4125.86	FL
2	3+28.69	0.00	4126.30	FL
3	3+34.74	0.00	4126.36	FL
4	3+50.34	0.00	4125.68	FL
5	3+56.40	0.00	4125.15	FL
6	3+62.40	0.00	4124.67	FL
7	3+62.40	0.50	4125.20	BC
8	3+56.40	0.50	4125.16	BC
9	3+50.19	0.50	4125.69	BC
10	3+34.86	0.50	4126.37	BC
11	3+28.61	0.50	4126.31	BC
12	3+23.26	0.50	4126.16	BC
13	3+05.00	5.64	4125.37	SW
14	3+05.00	10.49	4125.51	SW
15	3+13.72	11.00	4125.94	SW
16	3+13.72	5.00	4125.85	SW
17	3+24.95	8.95	4126.14	SW
18	3+26.97	6.10	4126.36	SW
19	3+28.56	0.73	4126.31	SW
20	3+37.05	5.73	4126.42	SW
21	3+39.71	8.40	4126.20	SW
22	3+44.54	8.14	4126.17	SW
23	3+56.40	1.15	4125.22	SW
24	3+56.50	9.65	4126.08	SW
25	3+20.96	14.17	4126.23	SW
26	3+58.86	15.15	4126.17	SW
27	3+77.79	9.56	4124.17	SW
28	3+77.90	3.56	4124.08	SW
29	3+83.90	3.68	4123.60	SW
30	3+83.79	9.68	4123.69	SW
31	3+92.31	8.37	4123.03	SW
32	3+92.41	3.38	4122.92	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb

US 97 B AT MICHIGAN AVE.

KLAMATH FALLS SITE 5 - CORNER 3

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	22209-08R
CROSSING CLOSURE	N/A
LRM NO.	48400100
HWY: 484	M.P.: 5.00
CORNER POSITION	3
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.22 08:55:49-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

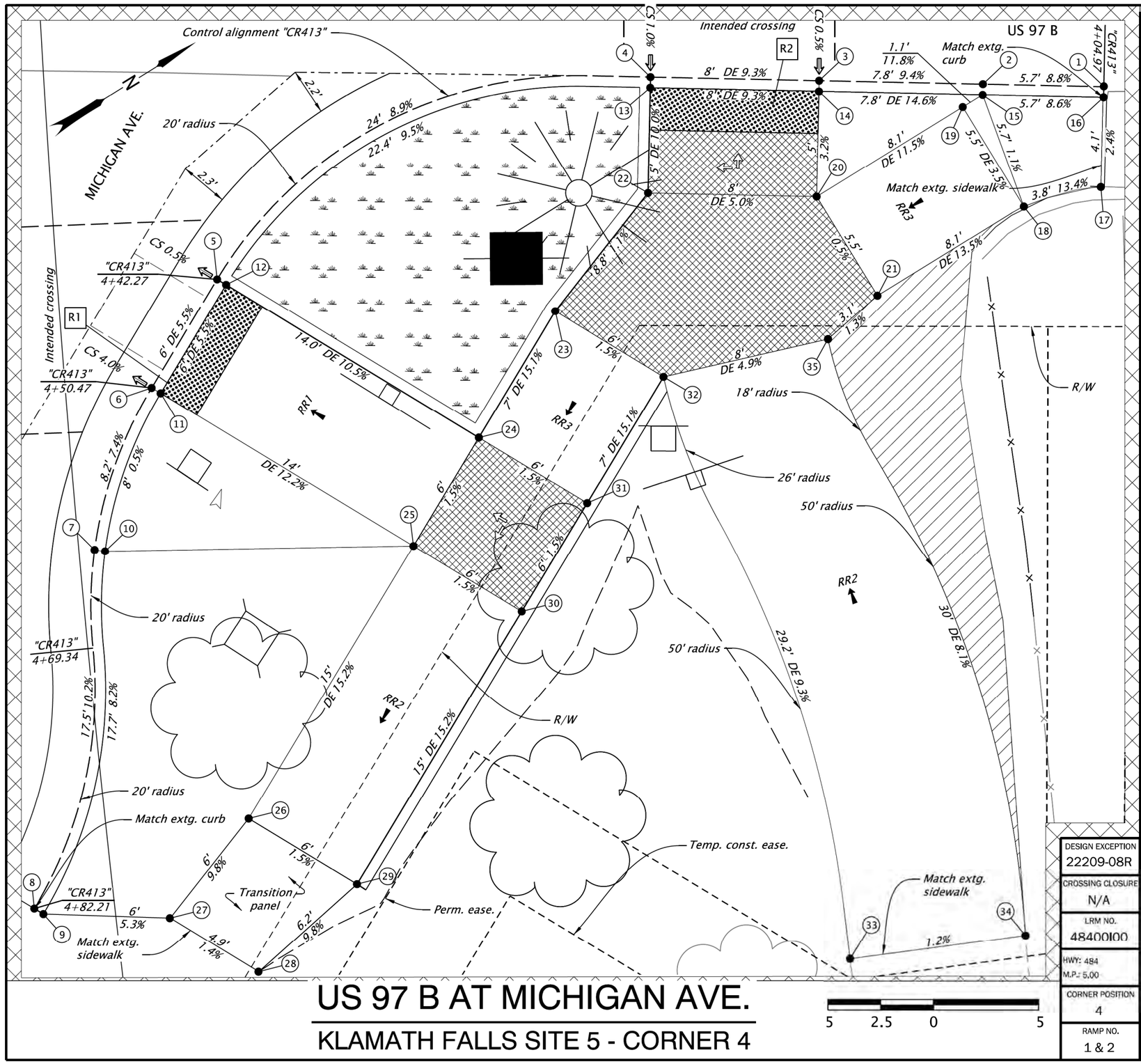
Designer: Justin Hornsby | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

CURB RAMP DETAILS

SHEET NO. BC418

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 58.2852° Scale: 1"=5'



US 97 B AT MICHIGAN AVE.

KLAMATH FALLS SITE 5 - CORNER 4

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' / DE x.x% — Design exception component

\# — Point identifier

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

GENERAL NOTES:

1. See next sheet for table.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	22209-08R
CROSSING CLOSURE	N/A
LRM NO.	48400100
HWY: 484	M.P.: 5.00
CORNER POSITION	4
RAMP NO.	1 & 2

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.22 08:55:51-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby — Reviewer: Travis Kruger
Drafter: Stephanie Teeter — Checker: Jose Banuelos

CURB RAMP DETAILS — SHEET NO. BC419

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	4+05.00	0.00	4133.36	FL
2	4+10.73	0.00	4132.86	FL
3	4+18.50	0.00	4132.13	FL
4	4+26.50	0.00	4131.39	FL
5	4+50.47	0.00	4129.26	FL
6	4+56.47	0.00	4128.93	FL
7	4+64.68	0.00	4128.32	FL
8	4+82.21	0.00	4127.14	FL
9	4+82.21	0.50	4127.44	BC
10	4+64.68	0.50	4128.90	BC
11	4+56.47	0.50	4128.94	BC
12	4+50.47	0.50	4129.27	BC
13	4+26.50	0.50	4131.40	BC
14	4+18.50	0.50	4132.14	BC
15	4+10.73	0.50	4133.28	SW
16	4+05.00	0.50	4133.85	SW
17	4+05.00	4.76	4133.93	SW
18	4+08.67	5.76	4133.42	SW
19	4+11.67	1.10	4133.23	SW
20	4+18.50	5.50	4132.30	SW
21	4+15.52	10.12	4132.33	SW
22	4+26.50	5.50	4131.90	SW
23	4+32.38	11.10	4131.80	SW
24	4+50.47	14.50	4130.74	SW
25	4+56.47	14.50	4130.65	SW
26	4+75.73	7.95	4128.35	SW
27	4+79.94	5.92	4127.76	SW
28	4+80.03	10.81	4127.83	SW
29	4+76.87	13.70	4128.44	SW
30	4+56.47	20.50	4130.74	SW
31	4+50.47	20.50	4130.83	SW
32	4+25.58	14.18	4131.89	SW
33	4+75.83	37.23	4134.61	SW
34	4+07.86	40.29	4134.71	SW
35	4+17.82	12.24	4132.29	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb

US 97 B AT MICHIGAN AVE.

KLAMATH FALLS SITE 5 - CORNER 4

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION: 22209-08R
CROSSING CLOSURE: N/A
LRM NO.: 48400100
HWY: 484
M.P.: 5.00
CORNER POSITION: 4
RAMP NO.: 1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.22 08:55:53-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby
Drafter: Stephanie Teeter
Reviewer: Travis Kruger
Checker: Jose Banuelos

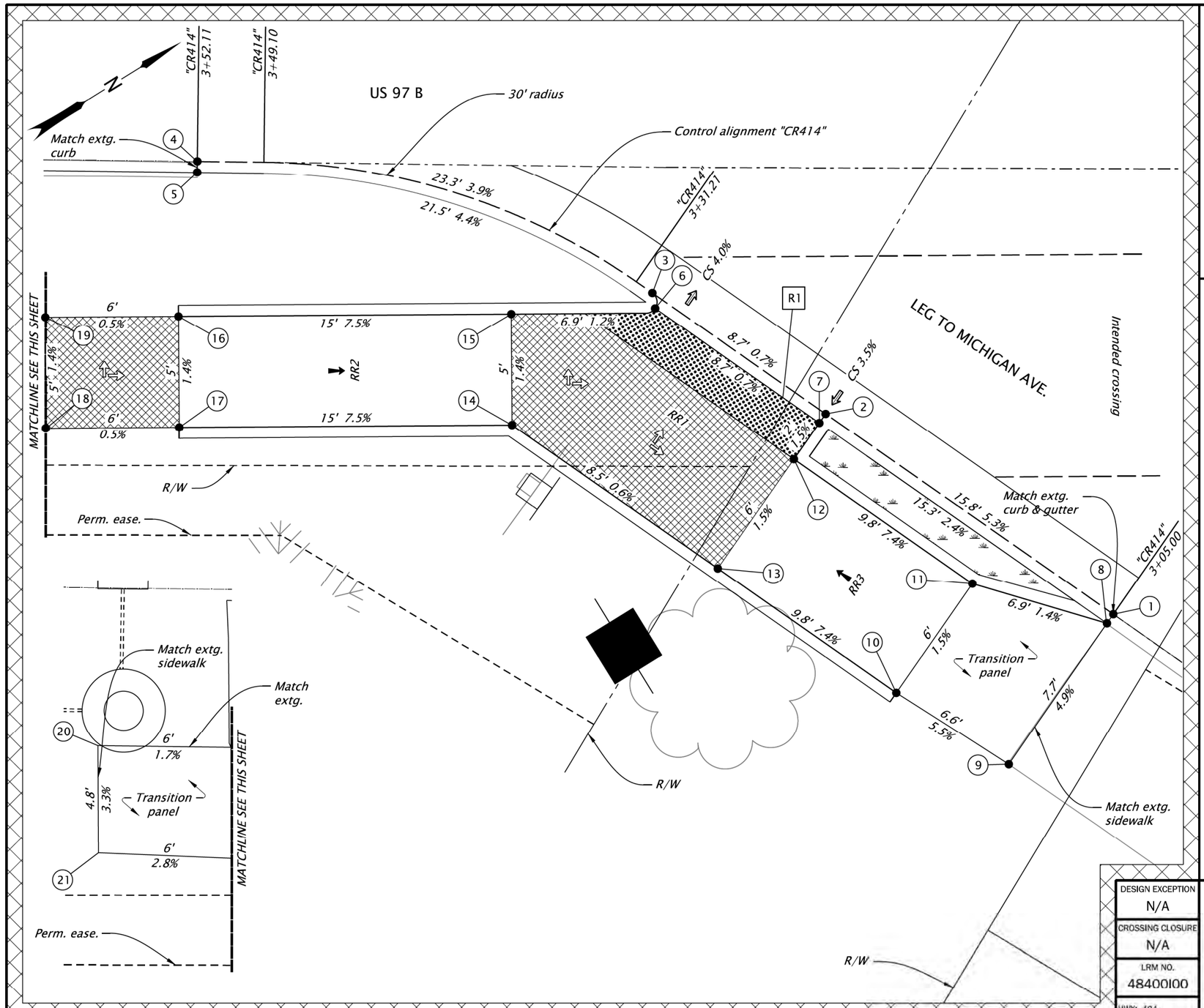
CURB RAMP DETAILS

SHEET NO. BC420

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 58.2852° Scale: 1"=5'

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x% Design exception component

Point identifier

R# Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

GENERAL NOTES:

1. See next sheet for table.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

US 97 B AT LEG TO MICHIGAN AVE.

KLAMATH FALLS SITE 6 - CORNER 3

5 2.5 0 5

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	48400100
HWY: 484 M.P.: 5.05	
CORNER POSITION	3
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:44:10-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby Reviewer: Travis Kruger
Drafter: Stephanie Teeter Checker: Jose Banuelos

CURB RAMP DETAILS

SHEET NO. BC421

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	3+05.00	0.00	4113.76	FL
2	3+20.81	0.00	4112.92	FL
3	3+30.33	0.00	4112.86	FL
4	3+52.11	0.00	4111.95	FL
5	3+52.11	0.50	4112.51	BC
6	3+29.83	0.50	4112.87	BC
7	3+20.81	0.50	4112.93	BC
8	3+05.00	0.50	4113.79	BC
9	3+05.00	8.24	4114.14	SW
10	3+11.00	8.50	4113.78	SW
11	3+11.00	2.50	4113.69	SW
12	3+20.81	2.50	4112.96	SW
13	3+20.81	8.50	4113.05	SW
14	3+32.47	8.48	4113.02	SW
15	3+35.62	4.14	4112.95	SW
16	3+52.87	7.00	4114.07	SW
17	3+52.77	12.00	4114.14	SW
18	3+58.77	12.12	4114.19	SW
19	3+58.87	7.12	4114.09	SW
20	3+64.87	7.12	4114.20	SW
21	3+64.77	11.94	4114.36	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb

US 97 B AT LEG TO MICHIGAN AVE.

KLAMATH FALLS SITE 6 - CORNER 3

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	48400100
HWY: 484 M.P.: 5.05	
CORNER POSITION	3
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:44:14-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

CURB RAMP DETAILS

SHEET NO. BC422

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

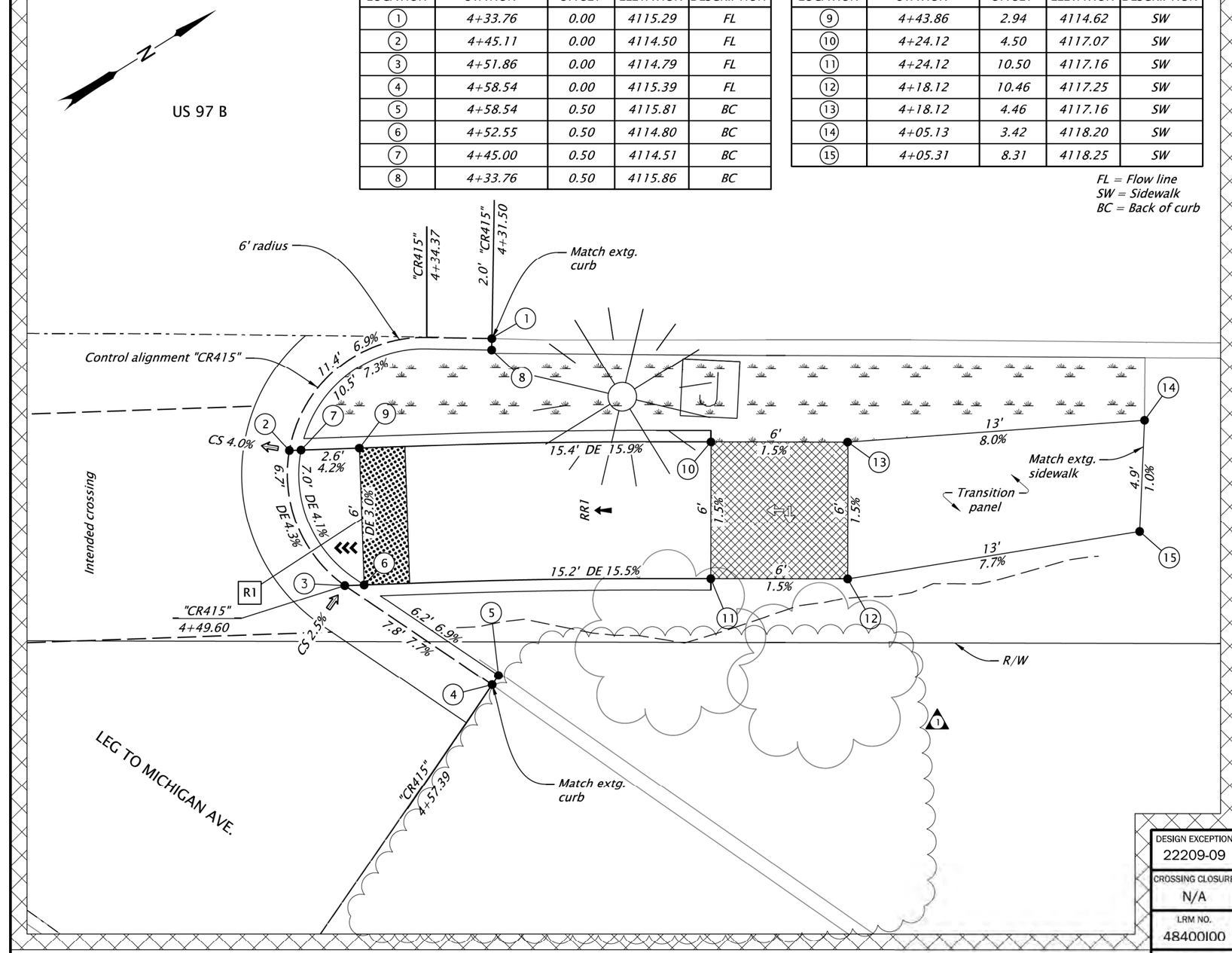
Rotation: 58.2852° Scale: 1"=5'

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	4+33.76	0.00	4115.29	FL
2	4+45.11	0.00	4114.50	FL
3	4+51.86	0.00	4114.79	FL
4	4+58.54	0.00	4115.39	FL
5	4+58.54	0.50	4115.81	BC
6	4+52.55	0.50	4114.80	BC
7	4+45.00	0.50	4114.51	BC
8	4+33.76	0.50	4115.86	BC

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
9	4+43.86	2.94	4114.62	SW
10	4+24.12	4.50	4117.07	SW
11	4+24.12	10.50	4117.16	SW
12	4+18.12	10.46	4117.25	SW
13	4+18.12	4.46	4117.16	SW
14	4+05.13	3.42	4118.20	SW
15	4+05.31	8.31	4118.25	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



- Area of excess sidewalk removal
- Rock mulch
- Sawcut line
- DE X.X' / DE x.x% — Design exception component
- # — Point identifier
- R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

No.	DATE	REVISIONS	BY
1	01-19-22	R/W design	S.A.T

- Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

US 97 B AT LEG TO MICHIGAN AVE.

KLAMATH FALLS SITE 6 - CORNER 4

5 2.5 0 5

DESIGN EXCEPTION	22209-09
CROSSING CLOSURE	N/A
LRM NO.	48400100
HWY: 484 M.P.: 5.05	
CORNER POSITION	4
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2022.01.20 20:12:00-08'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2023

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

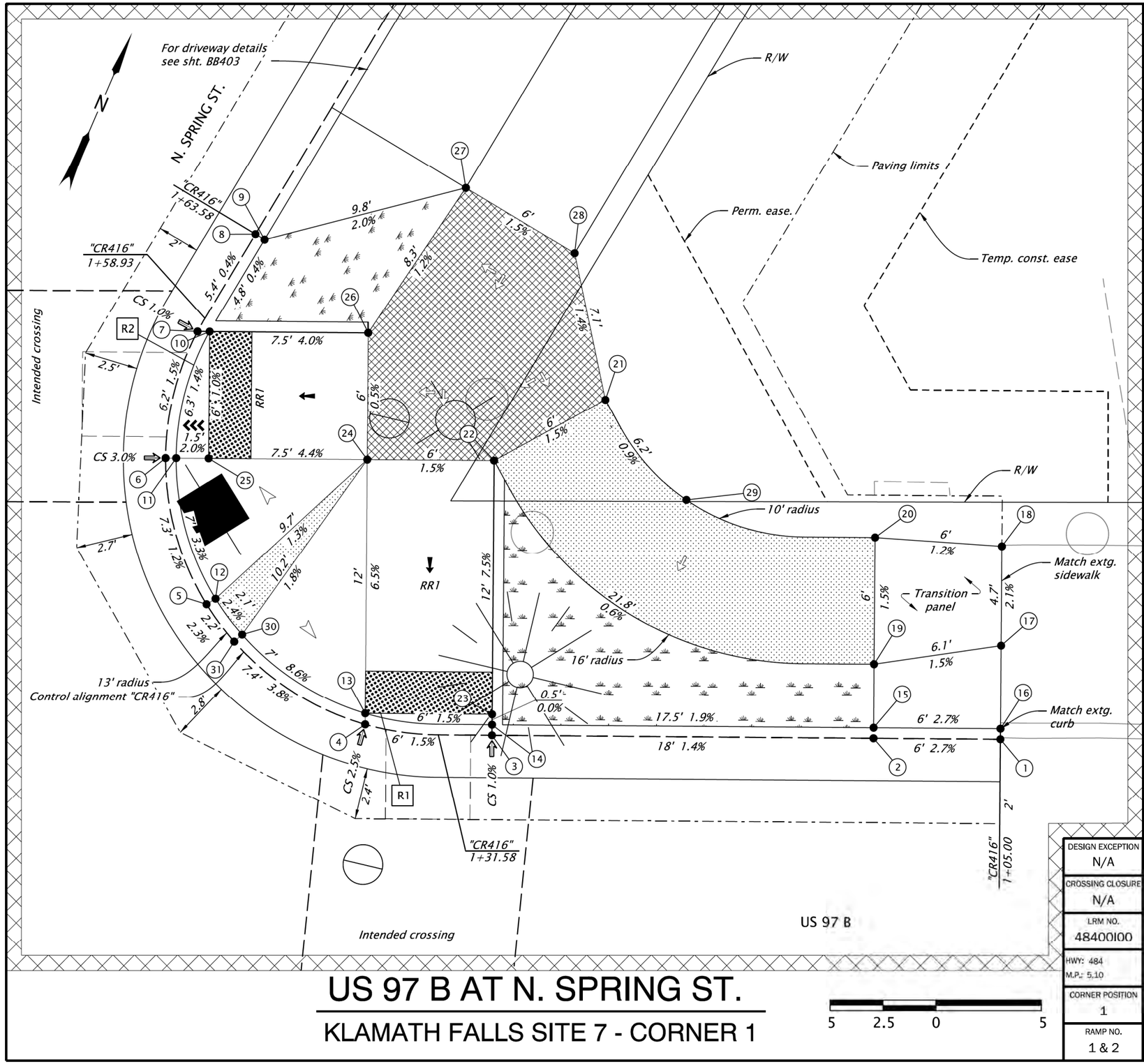
KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby Reviewer: Travis Kruger
Drafter: Stephanie Teeter Checker: Jose Banuelos

CURB RAMP DETAILS — SHEET NO. BC423

55V-026



US 97 B AT N. SPRING ST.

KLAMATH FALLS SITE 7 - CORNER 1

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' / DE x.x% — *Design exception component*

Point identifier

Ramp number

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

GENERAL NOTES:

1. *See next sheet for table.*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	48400100
HWY: 484	M.P.: 5.10
CORNER POSITION	1
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.11.09 16:03:16-08'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby — Reviewer: Travis Kruger
Drafter: Stephanie Teeter — Checker: Jose Banuelos

CURB RAMP DETAILS — SHEET NO. BC424

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	1+05.00	0.00	4115.17	FL
2	1+11.00	0.00	4115.33	FL
3	1+29.04	0.00	4115.65	FL
4	1+35.09	0.00	4115.75	FL
5	1+42.51	0.00	4116.01	FL
6	1+51.99	0.00	4116.16	FL
7	1+58.22	0.00	4116.25	FL
8	1+63.58	0.00	4116.28	FL
9	1+63.58	0.50	4116.86	BC
10	1+58.50	0.50	4116.26	BC
11	1+51.99	0.50	4116.17	BC
12	1+42.51	0.50	4116.51	BC
13	1+35.23	0.50	4115.75	BC
14	1+29.04	0.50	4115.66	BC
15	1+11.00	0.50	4115.91	BC
16	1+05.00	0.50	4115.75	BC
17	1+05.00	4.43	4116.33	SW
18	1+05.00	9.01	4116.44	SW
19	1+11.00	3.50	4116.42	SW
20	1+11.00	9.50	4116.51	SW
21	1+23.81	15.92	4116.65	SW
22	1+29.04	12.99	4116.56	SW
23	1+29.04	1.00	4115.66	SW
24	1+51.96	9.53	4116.53	SW
25	1+51.99	2.03	4116.20	SW
26	1+62.33	6.97	4116.56	SW
27	1+70.58	7.40	4116.66	SW
28	1+70.58	13.40	4116.75	SW
29	1+19.82	11.13	4116.59	SW
30	1+40.31	0.50	4116.56	BC
31	1+40.31	0.00	4116.06	FL

FL = Flow line
SW = Sidewalk
BC = Back of curb

US 97 B AT N. SPRING ST.

KLAMATH FALLS SITE 7 - CORNER 1

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	48400100
HWY: 484	M.P.: 5.10
CORNER POSITION	1
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.11.09 16:03:18-08'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

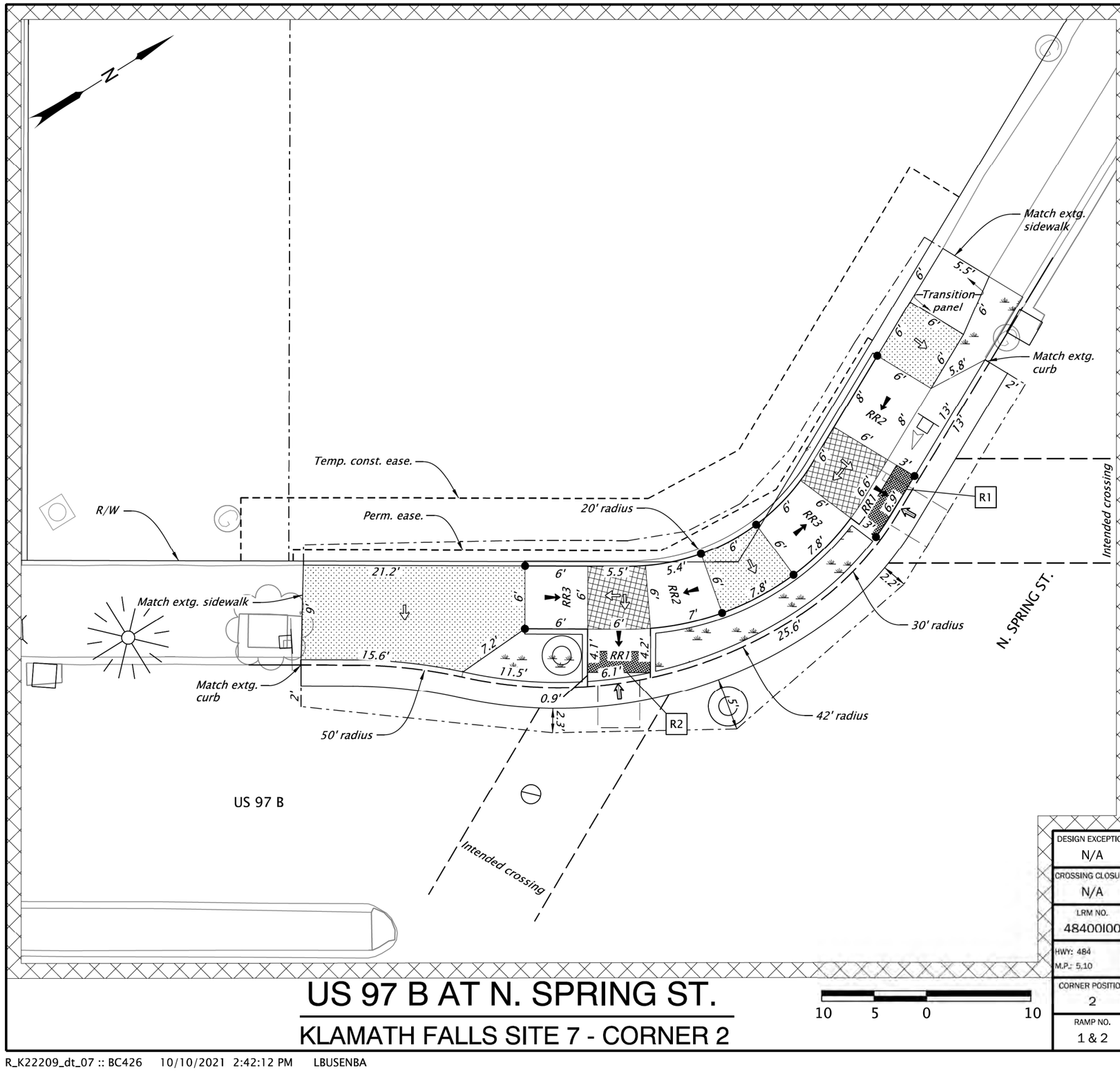
CURB RAMP DETAILS

SHEET NO. BC425

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 58.2852° Scale: 1"=5'

55V-026



US 97 B AT N. SPRING ST.

KLAMATH FALLS SITE 7 - CORNER 2

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	48400100
HWY: 484 M.P.: 5.10	
CORNER POSITION	2
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:44:29-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby
Drafter: Stephanie Teeter
Reviewer: Travis Kruger
Checker: Jose Banuelos

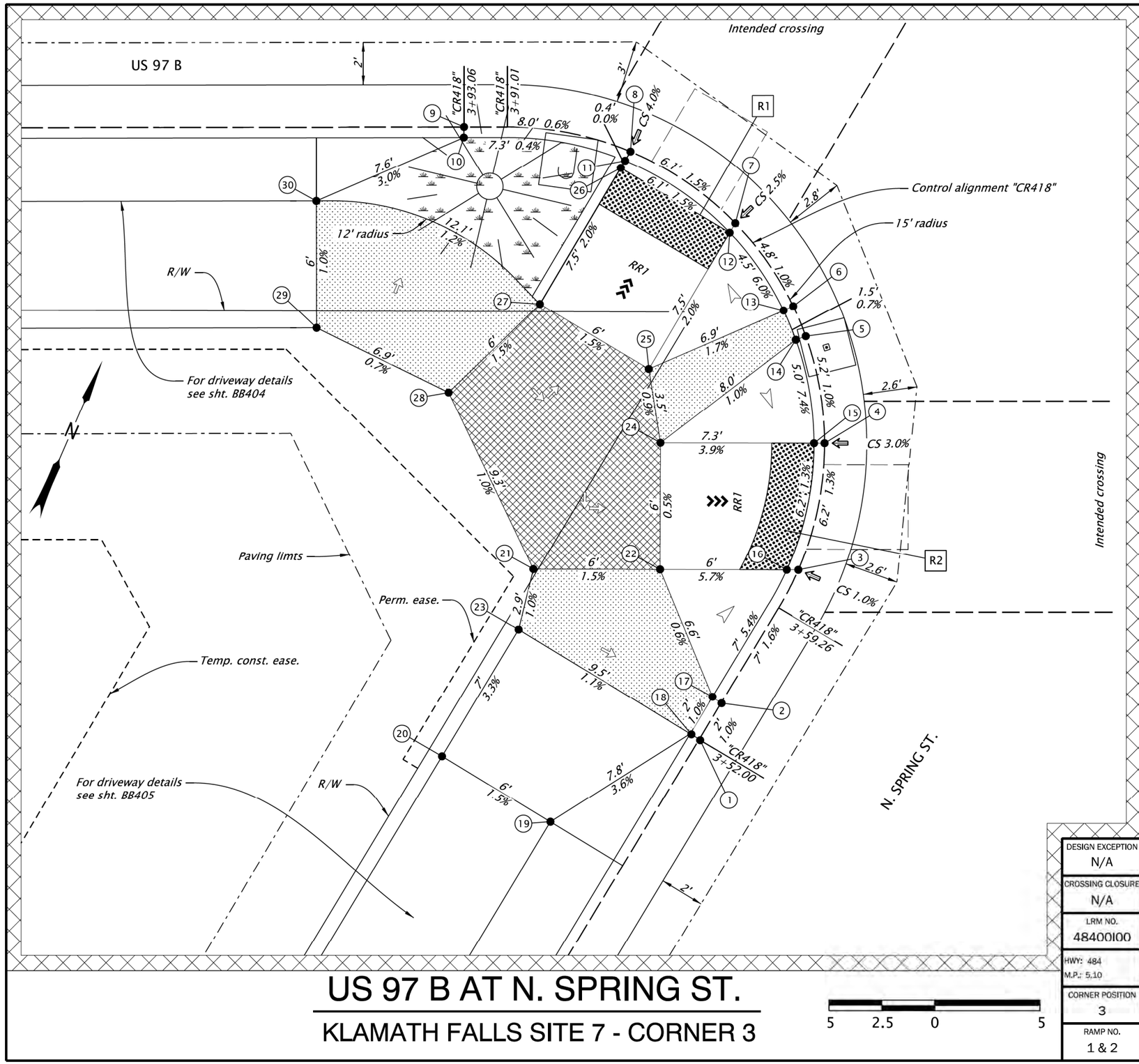
CURB RAMP DETAILS

SHEET NO. BC426

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 58.2852° Scale: 1"=10'

55V-026



US 97 B AT N. SPRING ST.

KLAMATH FALLS SITE 7 - CORNER 3

5 2.5 0 5

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' / DE x.x% — *Design exception component*

(#) — *Point identifier*

R# — *Ramp number*

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

GENERAL NOTES:

1. *See next sheet for table.*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	48400100
HWY: 484 M.P.: 5.10	
CORNER POSITION	3
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.11.09 16:03:19-08'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby — Reviewer: Travis Kruger
Drafter: Stephanie Teeter — Checker: Jose Banuelos

CURB RAMP DETAILS — SHEET NO. BC427

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	3+52.00	0.00	4115.44	FL
2	3+54.00	0.00	4115.46	FL
3	3+61.28	0.00	4115.57	FL
4	3+67.45	0.00	4115.65	FL
5	3+72.45	0.00	4115.70	FL
6	3+74.16	0.00	4115.71	FL
7	3+78.97	0.00	4115.76	FL
8	3+85.02	0.00	4115.85	FL
9	3+94.29	0.00	4115.80	FL
10	3+94.29	0.50	4116.38	BC
11	3+85.09	0.50	4115.86	BC
12	3+78.83	0.50	4115.77	BC
13	3+74.16	0.50	4116.04	BC
14	3+72.45	0.50	4116.03	BC
15	3+67.45	0.50	4115.66	BC
16	3+61.06	0.50	4115.58	BC
17	3+54.00	0.50	4115.96	BC
18	3+52.00	0.50	4115.94	BC
19	3+45.00	4.00	4115.72	SW
20	3+45.00	10.00	4115.81	SW
21	3+54.81	10.89	4116.01	SW
22	3+57.90	5.75	4115.92	SW
23	3+54.00	10.0'	4116.04	SW
24	3+67.52	7.77	4115.95	SW
25	3+74.74	7.44	4115.92	SW
26	3+85.15	0.89	4115.86	SW
27	3+87.61	8.23	4116.01	SW
28	3+93.81	12.56	4116.10	SW
29	4+01.29	9.50	4116.15	SW
30	4+01.29	3.50	4116.09	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb

US 97 B AT N. SPRING ST.

KLAMATH FALLS SITE 7 - CORNER 3

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	48400100
HWY: 484 M.P.: 5.10	
CORNER POSITION	3
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.11.09 16:03:21-08'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

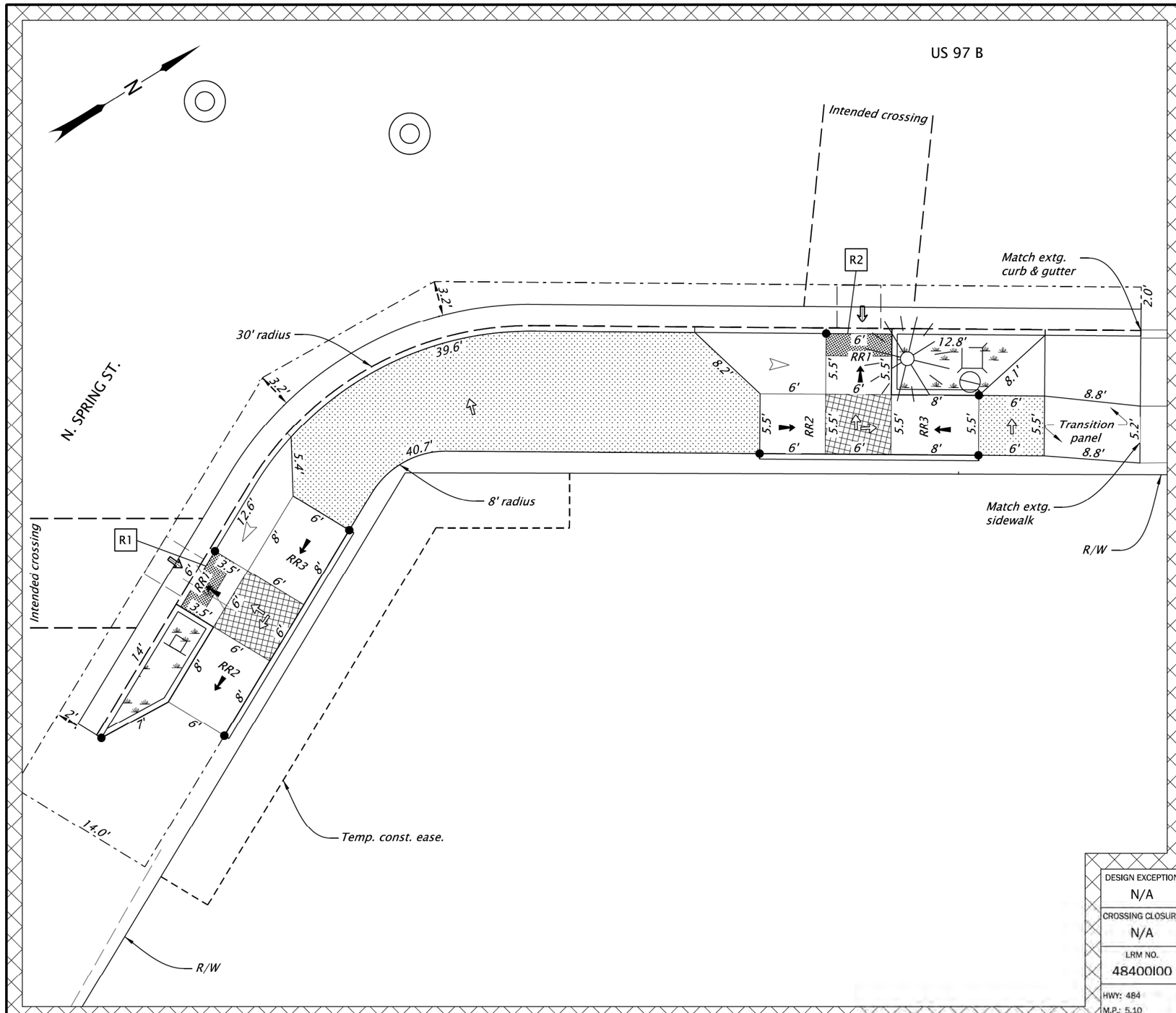
Designer: Justin Hornsby | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

CURB RAMP DETAILS | SHEET NO. BC428

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 58.2852° Scale: 1"=5'

55V-026



- *Area of excess sidewalk removal*
- *Rock mulch*
- *Sawcut line*
- *Zero curb exposure*
- *DE X.X' / DE x.x%* — *Design exception component*
- R# — *Ramp number*

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

Right-of-Way delays or access delays (See 00180.65)

US 97 B AT N. SPRING ST.

KLAMATH FALLS SITE 7 - CORNER 4

10 5 0 10

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	48400100
HWY: 484	M.P.: 5.10
CORNER POSITION	4
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:44:42-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

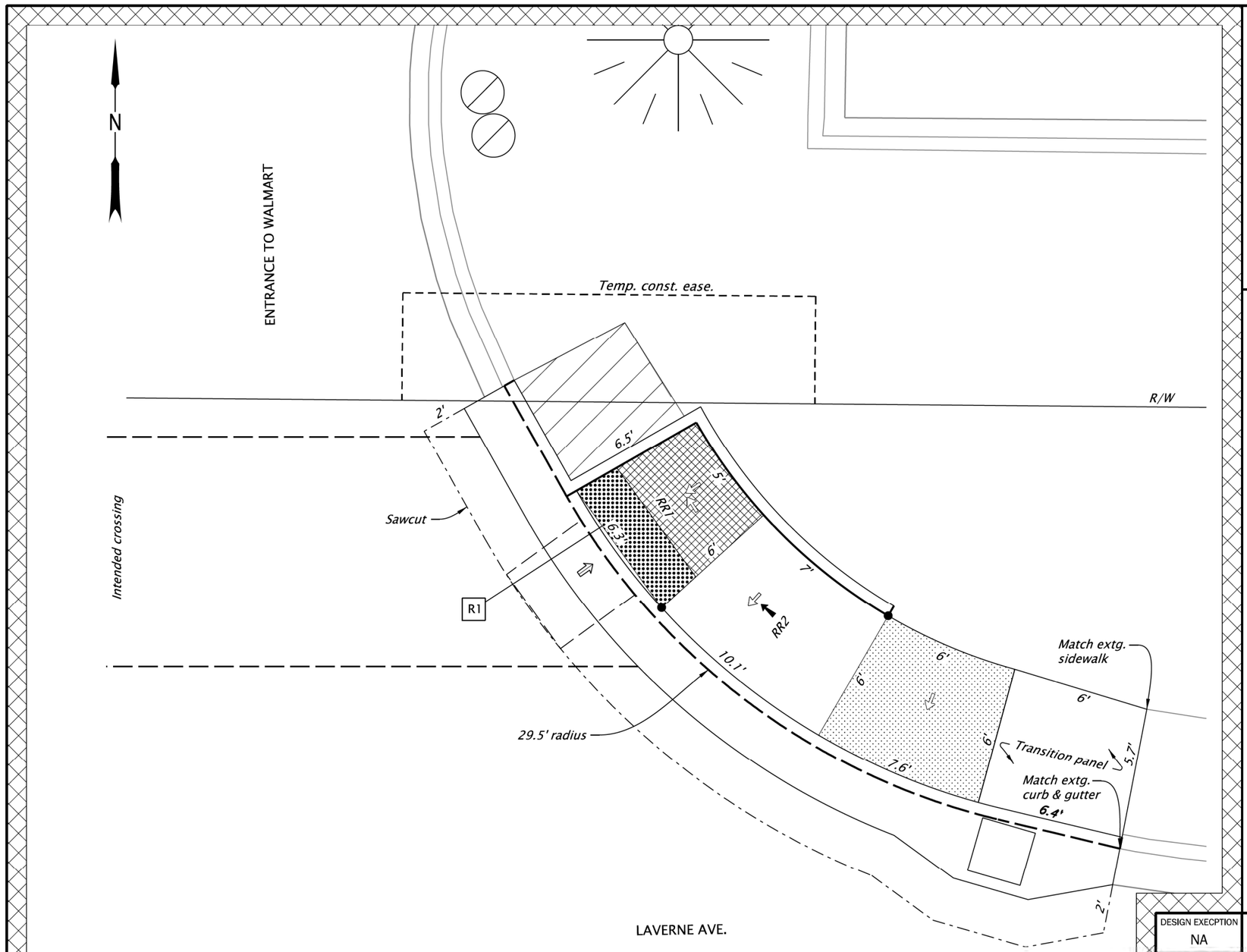
KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby | Reviewer: Travis Kruger
Drafter: Stéphanie Teeter | Checker: Jose Banuelos

CURB RAMP DETAILS — SHEET NO. BC429

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x% — *Design exception component*

R# — *Ramp number*

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR420 AT WALMART ENTRANCE

ALTAMONT SITE 1 - CORNER 1

5 2.5 0 5
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	42000100
HWY:	420
M.P.:	1.46
CORNER POSITION	1
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.10.12 16:16:55-07'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens — Reviewer: Stan Petroff
Drafter: Serban Dinca — Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC501

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1"=5'

55V-026

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

HWY 420 AT WASHBURN WAY.

ALTAMONT SITE 2 - CORNER 1

10 5 0 10
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	42000100
HWY:	420
M.P.:	1.33
CORNER POSITION	1
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.12 13:43:57-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

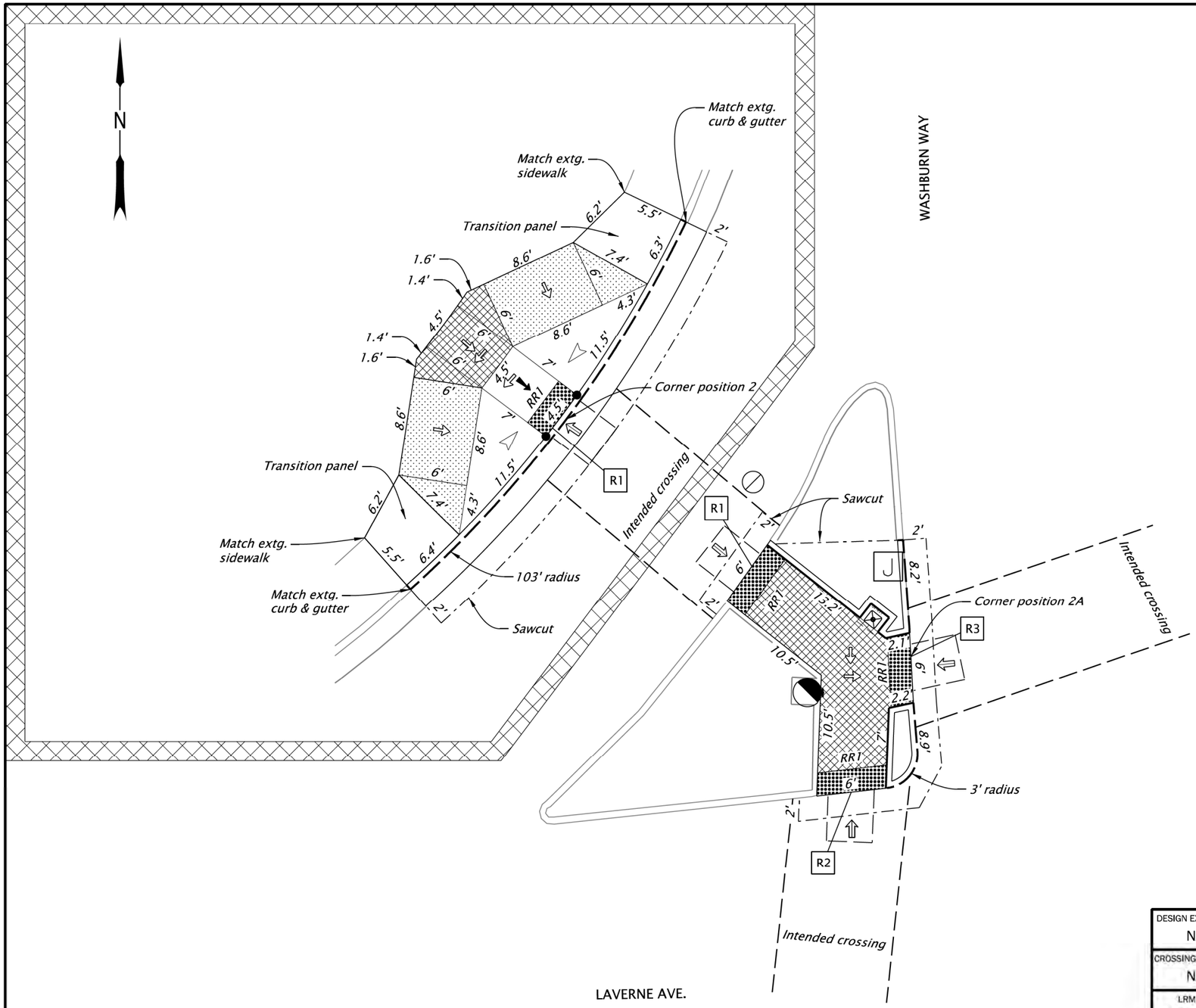
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC502

55V-026



HWY 420 AT WASHBURN WAY

ALTAMONT SITE 2 - CORNER 2 & 2A

10 5 0 10
FEET

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x% *Design exception component*

R# *Ramp number*

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	42000100
HWY:	420
M.P.:	1.33
CORNER POSITION	2 AND 2A
RAMP NO.	1, 2 AND 3

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.10.12 16:18:47-07'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

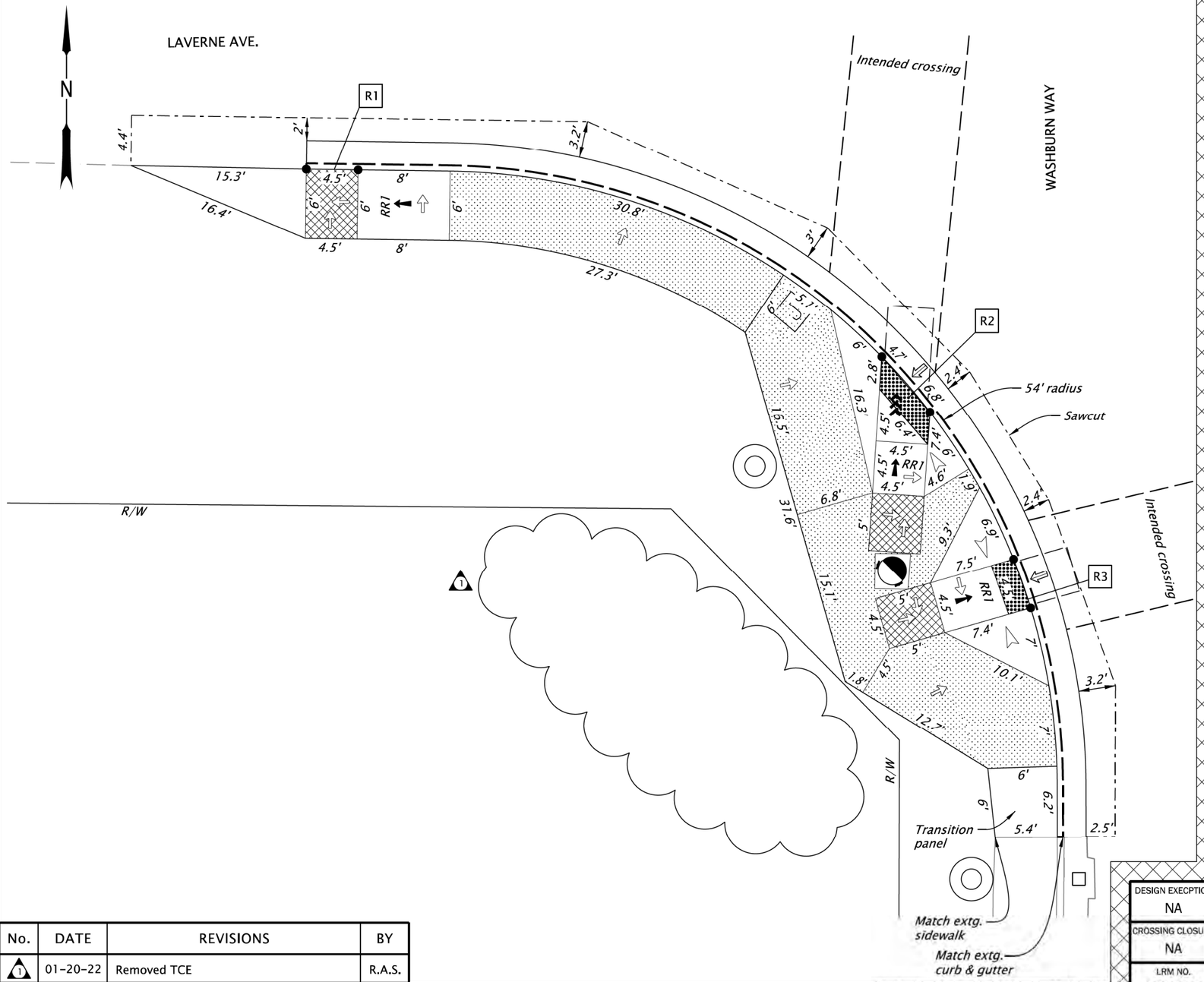
CURB RAMP DETAILS

SHEET NO. BC503

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1"=10'

55V-026



- Area of excess sidewalk removal
- Rock mulch
- Sawcut line
- Zero curb exposure
- DE X.X' / DE x.x% — Design exception component
- R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

- Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

No.	DATE	REVISIONS	BY
1	01-20-22	Removed TCE	R.A.S.

HWY 420 AT WASHBURN WAY

ALTAMONT SITE 2 - CORNER 3

10 5 0 10
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	42000100
HWY:	420
M.P.:	1.35
CORNER POSITION	3
RAMP NO.	1, 2 AND 3

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2022.01.20 14:27:22-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

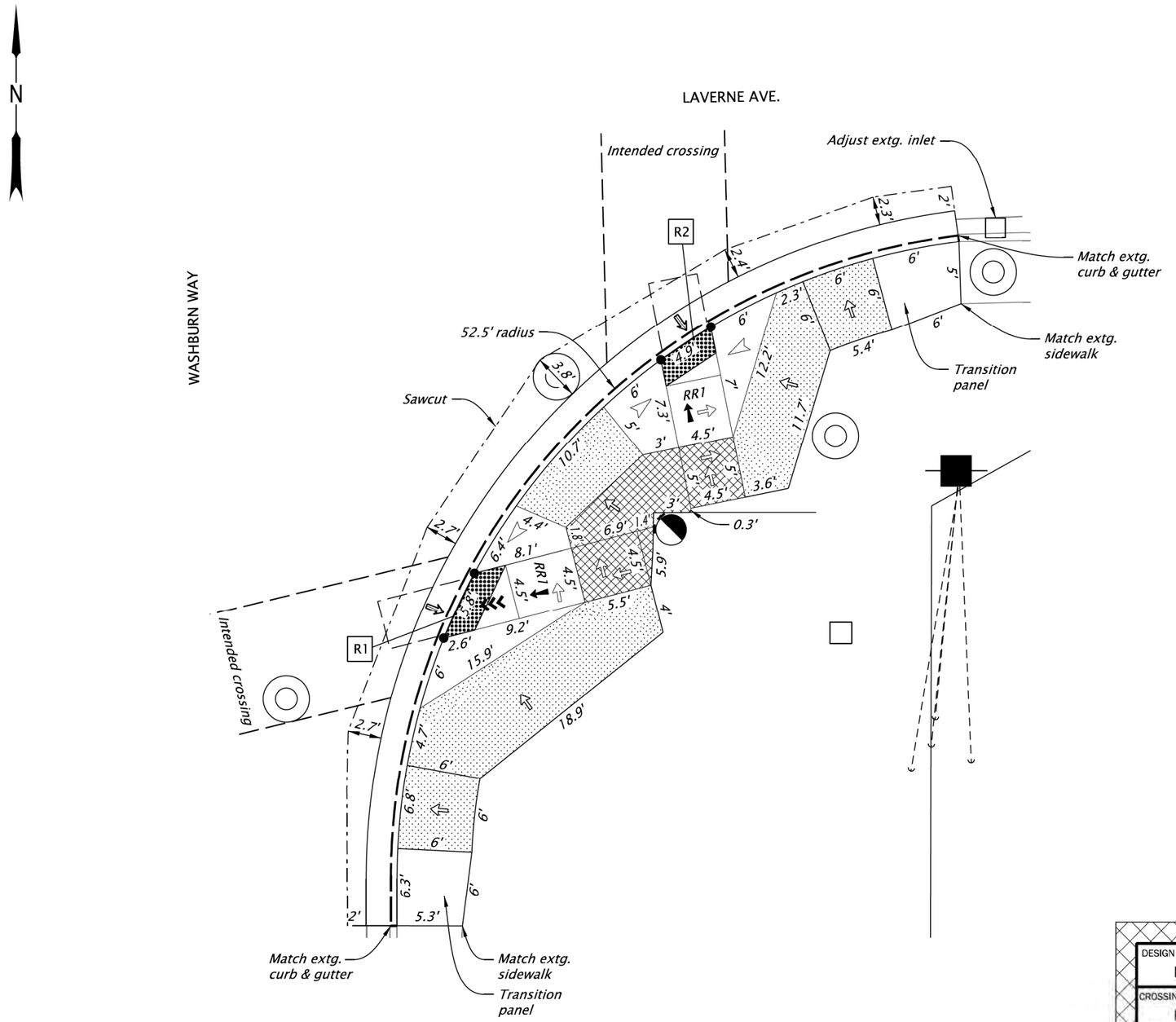
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens — Reviewer: Stan Petroff
Drafter: Serban Dinca — Checker: Jack Mitchell

CURB RAMP DETAILS — SHEET NO. BC504

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026



HWY 420 AT WASHBURN WAY

ALTAMONT SITE 2 - CORNER 4

10 5 0 10
FEET

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X' / DE x.x% — Design exception component

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	42000100
HWY:	420
M.P.:	1.33
CORNER POSITION	4
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 08:25:24-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens — Reviewer: Stan Petroff
Drafter: Serban Dinca — Checker: Jack Mitchell

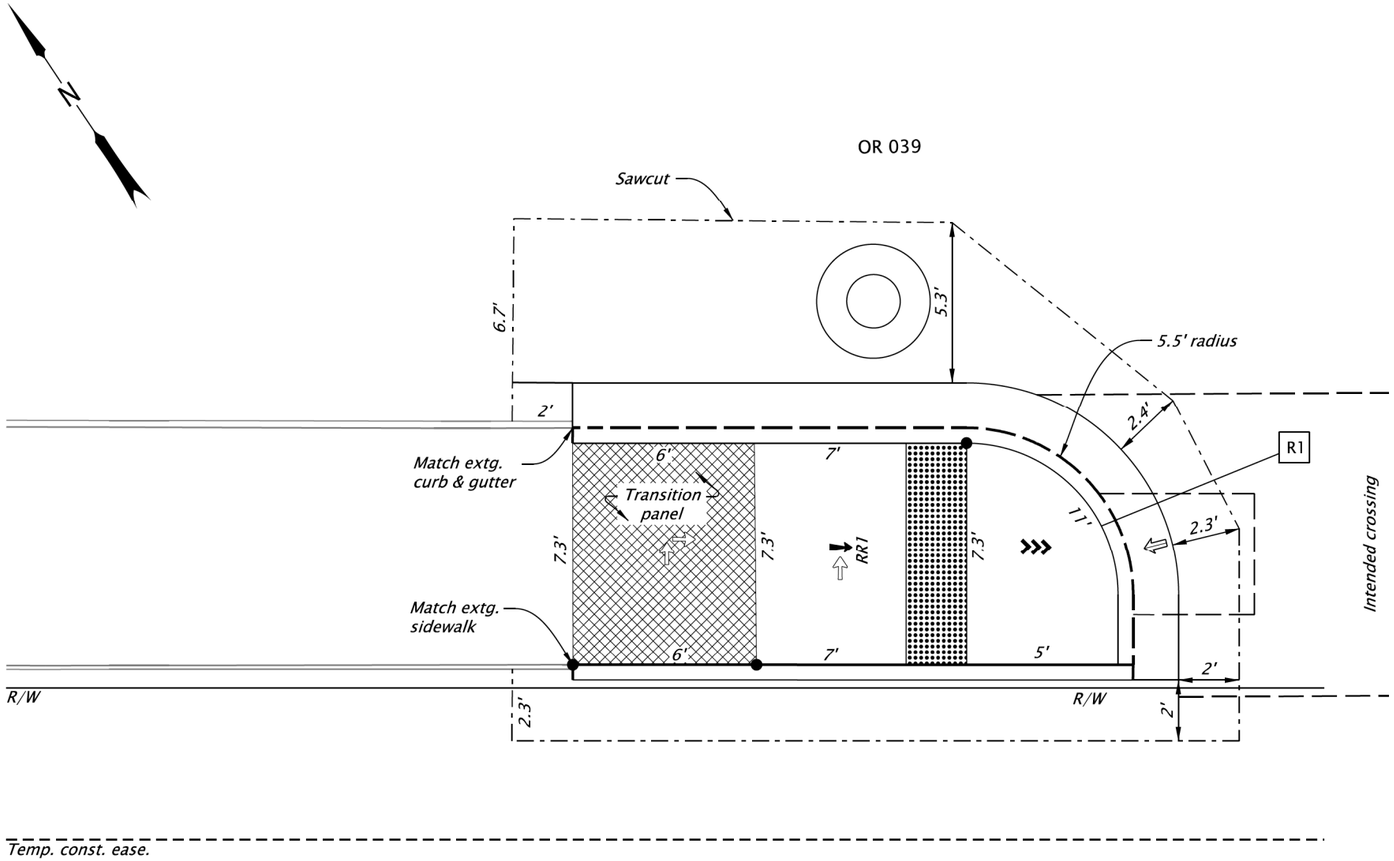
CURB RAMP DETAILS

SHEET NO. BC505

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1"=10'

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 AT CIMARRON INN & SUITES

ALTAMONT SITE 3 - CORNER 1

5 2.5 0 5
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	420
M.P.:	2.52
CORNER POSITION	1
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 08:26:10-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

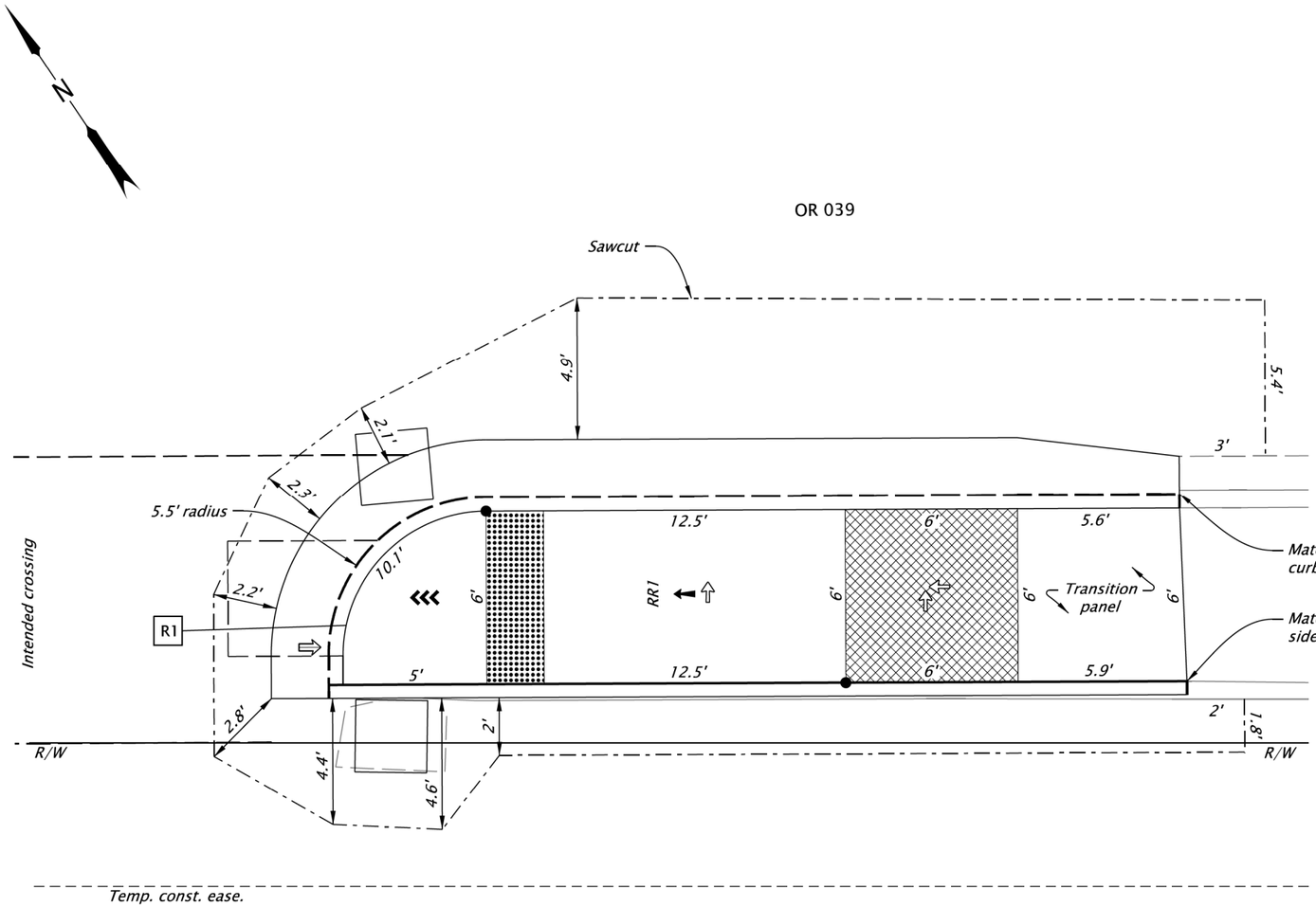
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens
Reviewer: Stan Petroff
Drafter: Serban Dinca
Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO.
BC506

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 AT CIMARRON INN & SUITES

ALTAMONT SITE 3 - CORNER 2

5 2.5 0 5
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	420
M.P.:	2.52
CORNER POSITION	2
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 08:29:16-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

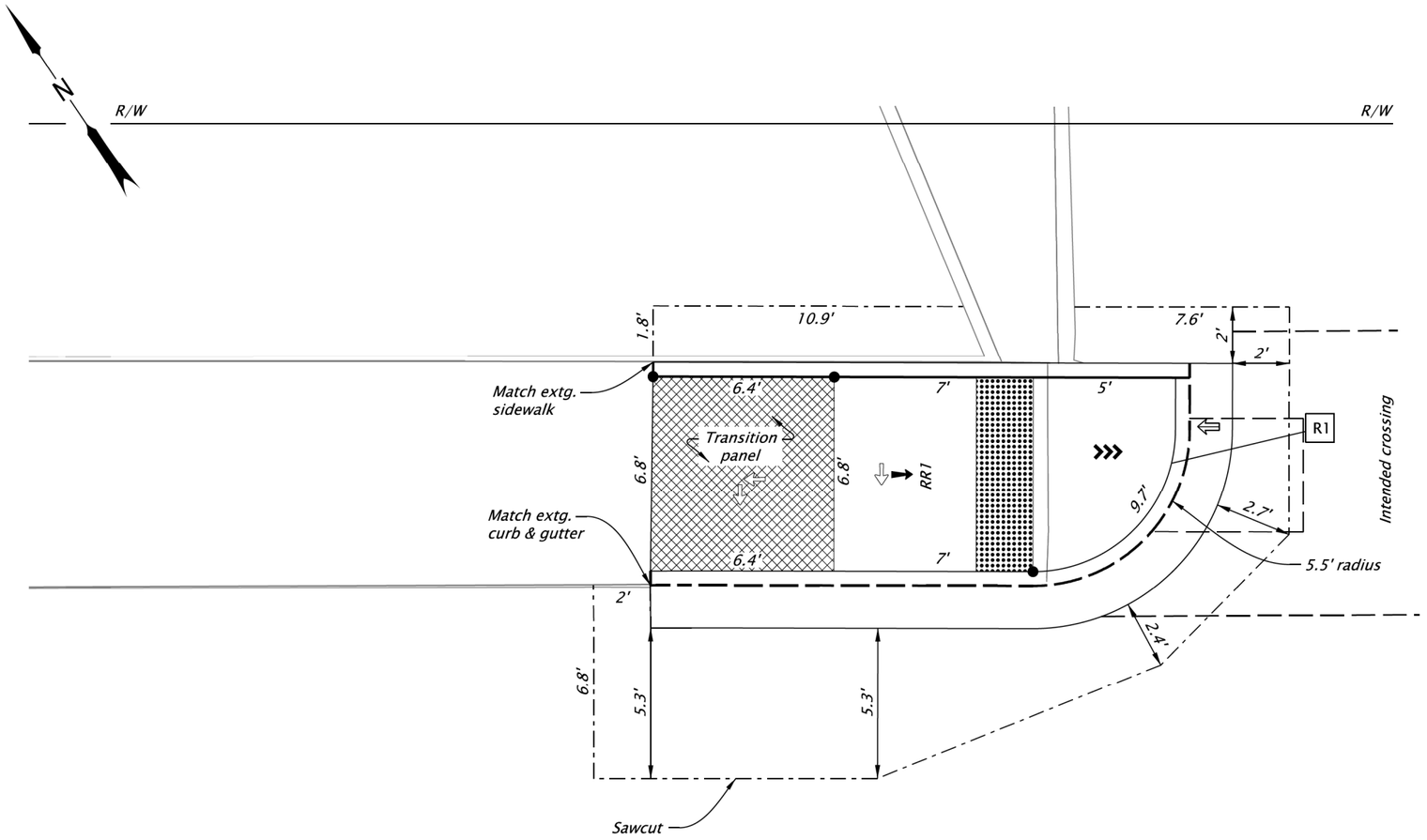
Designer: Ryan Stephens
Drafter: Serban Dinca
Reviewer: Stan Petroff
Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC507

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

55V-026



OR 039

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

OR 039 AT DOLLAR TREE

ALTAMONT SITE 3 - CORNER 4

5 2.5 0 5
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: 420 M.P.: 2.52	
CORNER POSITION	4
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 08:29:57-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

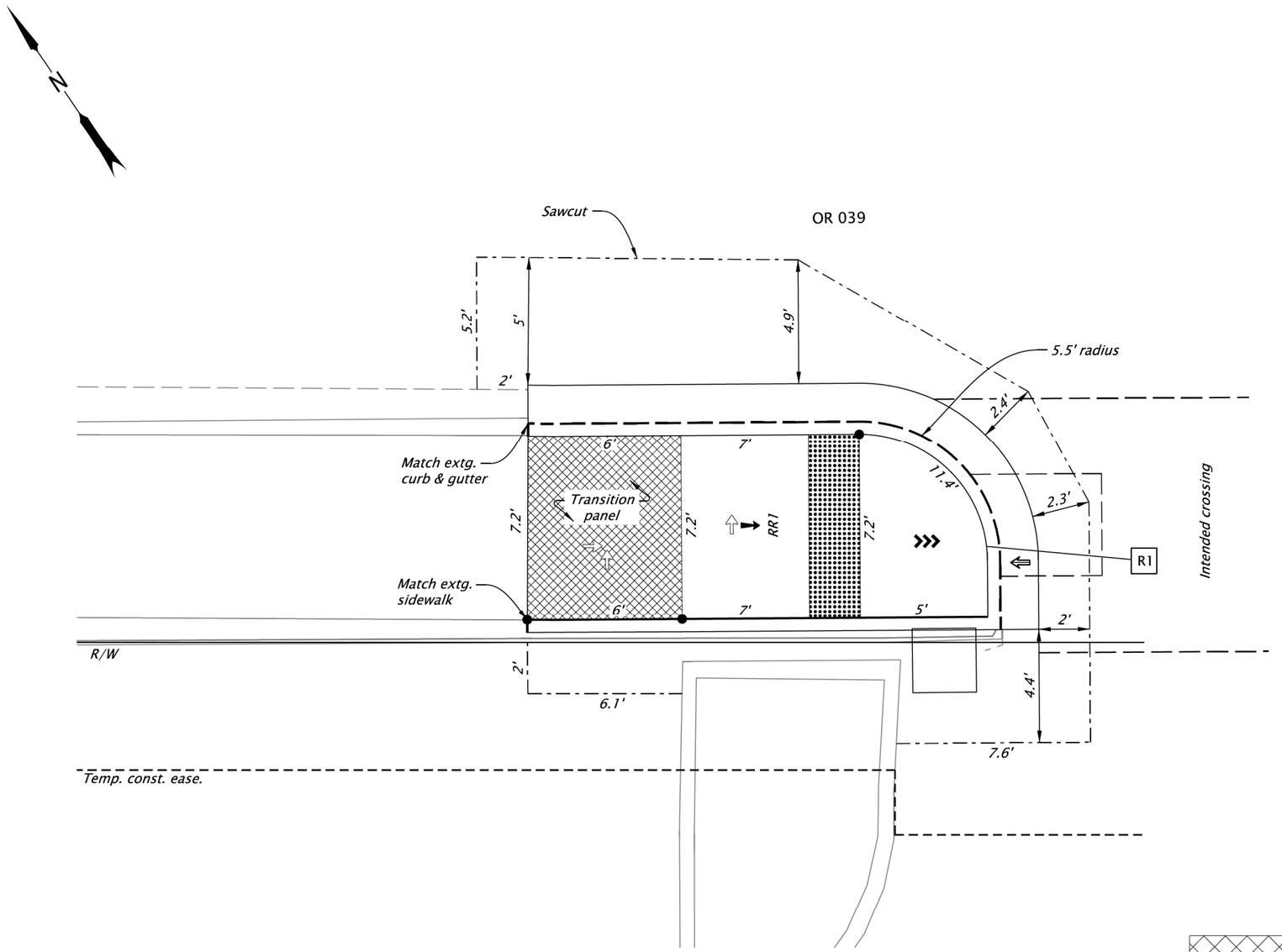
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

CURB RAMP DETAILS SHEET NO. BC508

Rotation: 325.8403° Scale: 1"=5'

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x% — *Design exception component*

R# — *Ramp number*

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 AT ENTRANCE TO HOUSE OF SHOES

ALTAMONT SITE 4 - CORNER 1

5 2.5 0 5
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	OR39
M.P.:	2.61
CORNER POSITION	1
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 08:30:51-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

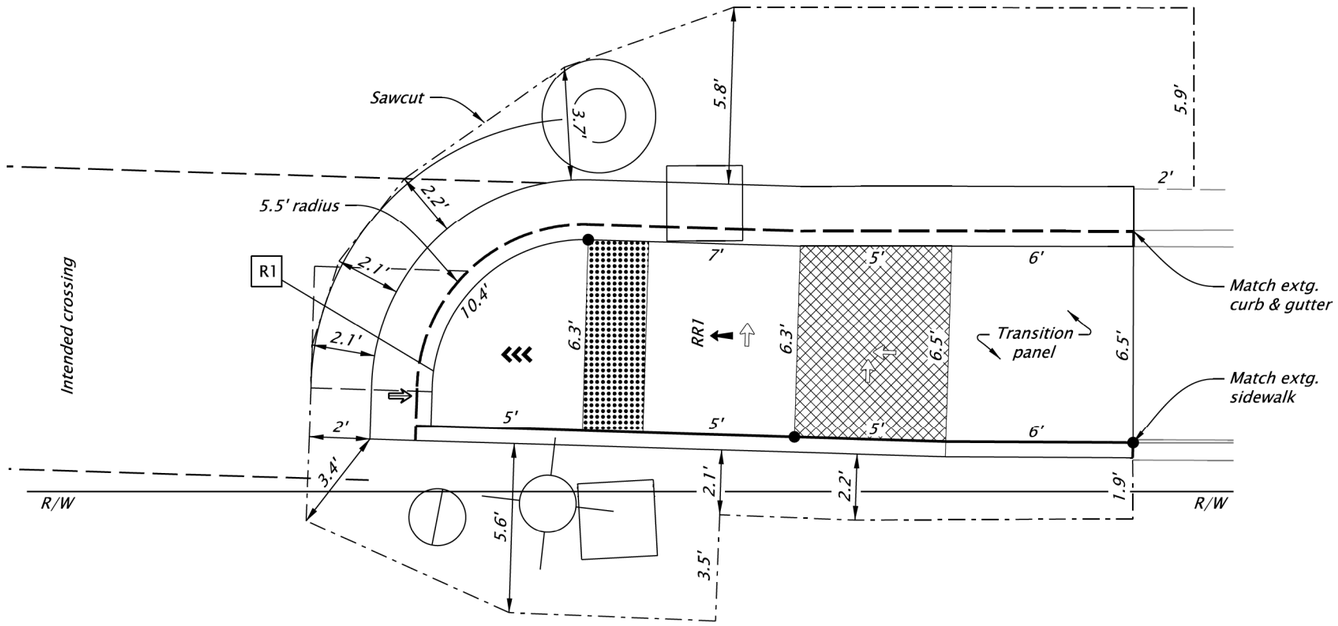
Designer: Ryan Stephens — Reviewer: Stan Petroff
Drafter: Serban Dinca — Checker: Jack Mitchell

CURB RAMP DETAILS — SHEET NO. BC509

55V-026

N

OR 039



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x% *Design exception component*

R# *Ramp number*

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 AT ENTRANCE TO HOUSE OF SHOES

ALTAMONT SITE 4 - CORNER 2

5 2.5 0 5
FEET

DESIGN EXCEPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	OR39
M.P.:	2.61
CORNER POSITION	2
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 08:31:34-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

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KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

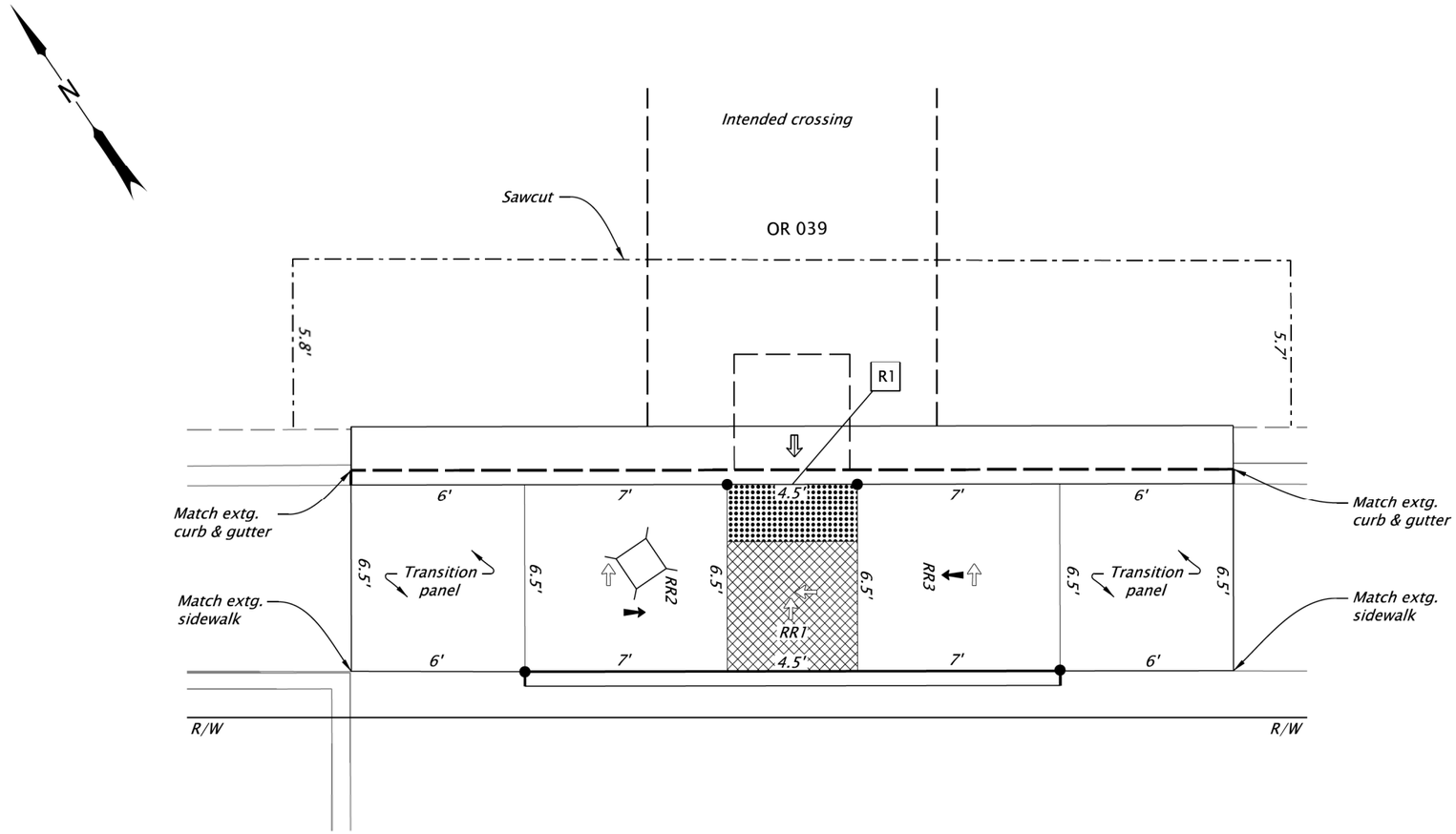
Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC510

Rotation: 325.8403° Scale: 1"=5'

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

OR 039 AT ARTHUR ST.

ALTAMONT SITE 5 - CORNER 1

5 2.5 0 5
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR39 M.P.: 2.64	
CORNER POSITION	1
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.10.15 09:12:36-07'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

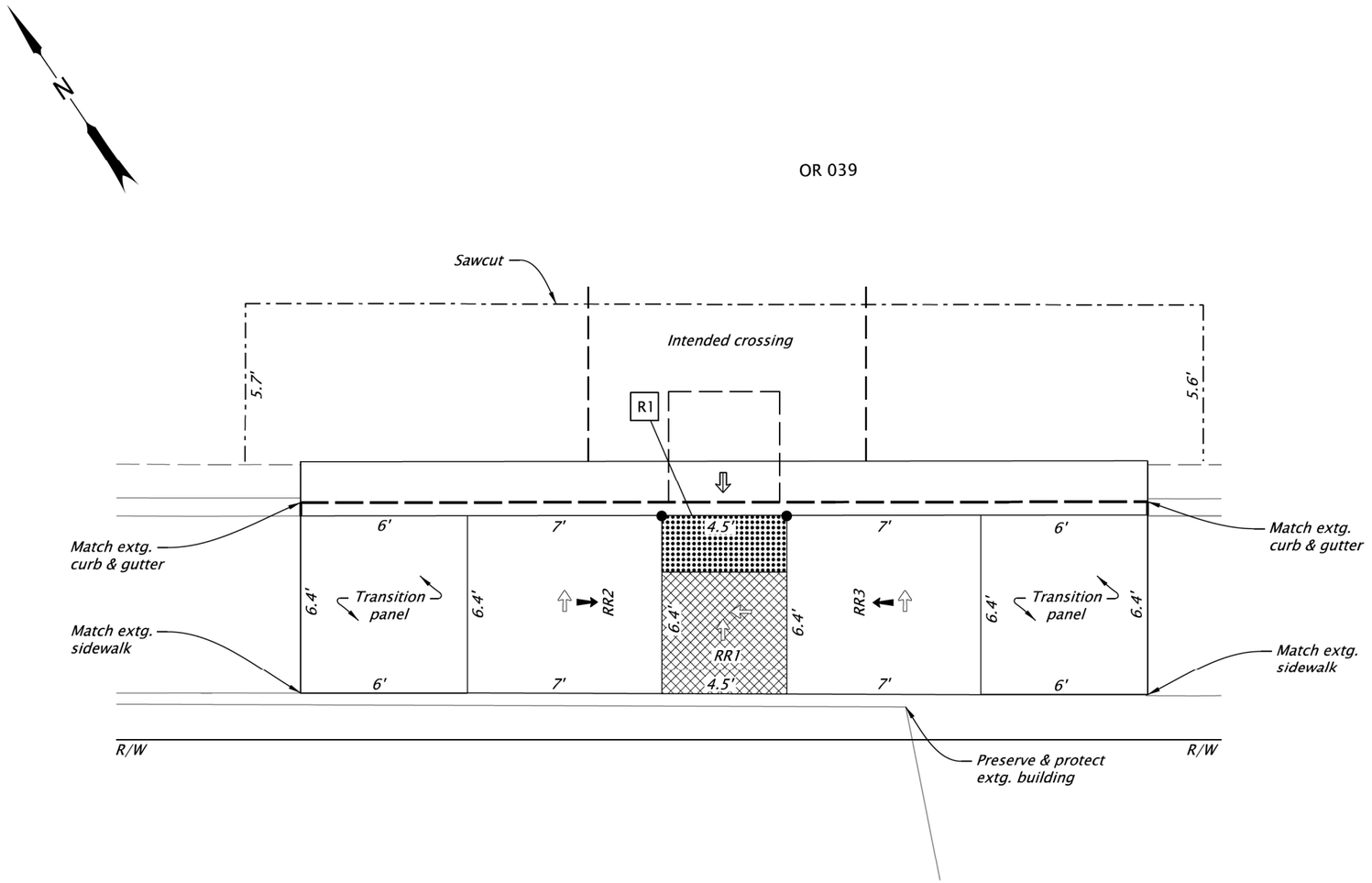
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

CURB RAMP DETAILS SHEET NO. BC511

Rotation: 325.8403° Scale: 1"=5'

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

OR 039 AT ARTHUR ST.

ALTAMONT SITE 5 - CORNER 2

5 2.5 0 5
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	OR39
M.P.:	2.64
CORNER POSITION	2
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 08:32:15-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

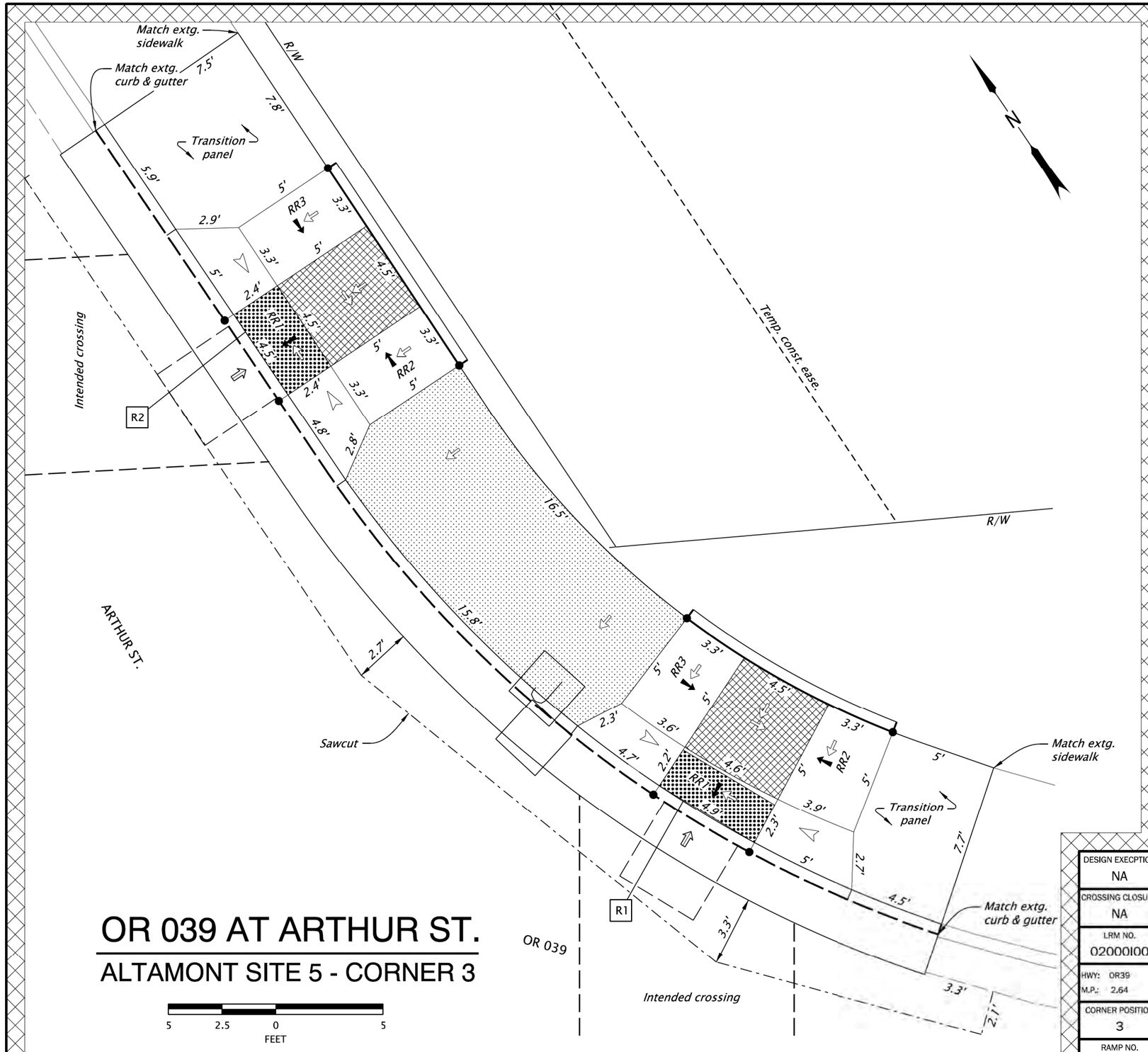
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC512

55V-026



OR 039 AT ARTHUR ST.

ALTAMONT SITE 5 - CORNER 3

5 2.5 0 5
FEET

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x% — *Design exception component*

R# — *Ramp number*

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	OR39
M.P.:	2.64
CORNER POSITION	3
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 08:32:51-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

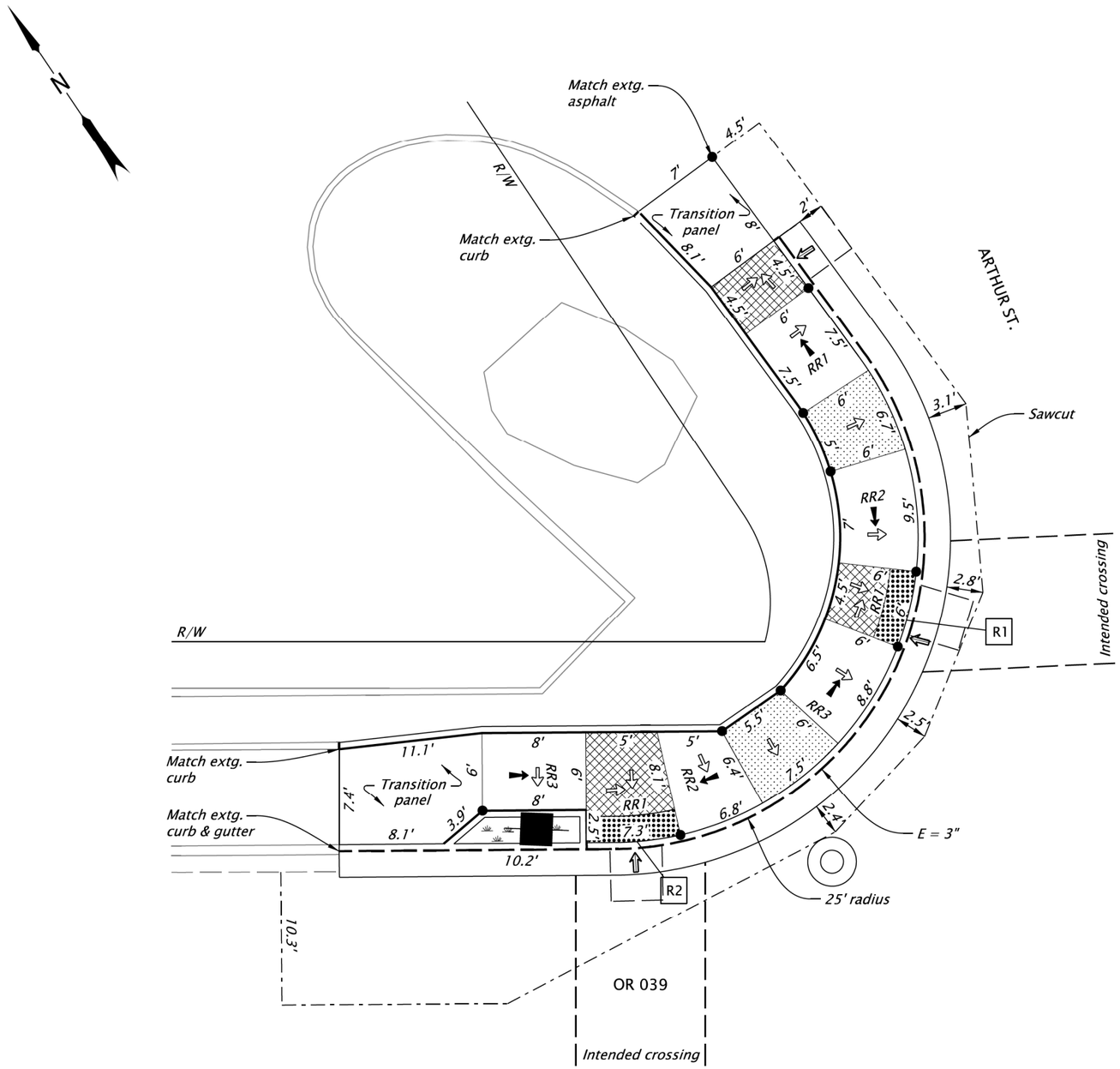
Designer: Ryan Stephens — Reviewer: Stan Petroff
Drafter: Serban Dinca — Checker: Jack Mitchell

CURB RAMP DETAILS — SHEET NO. BC513

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 325.8403° Scale: 1"=5'

55V-026



OR 039 AT ARTHUR ST.

ALTAMONT SITE 5 - CORNER 4

10 5 0 10
FEET

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR 039 M.P.: 2.64	
CORNER POSITION	4
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.05 10:19:27-07'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

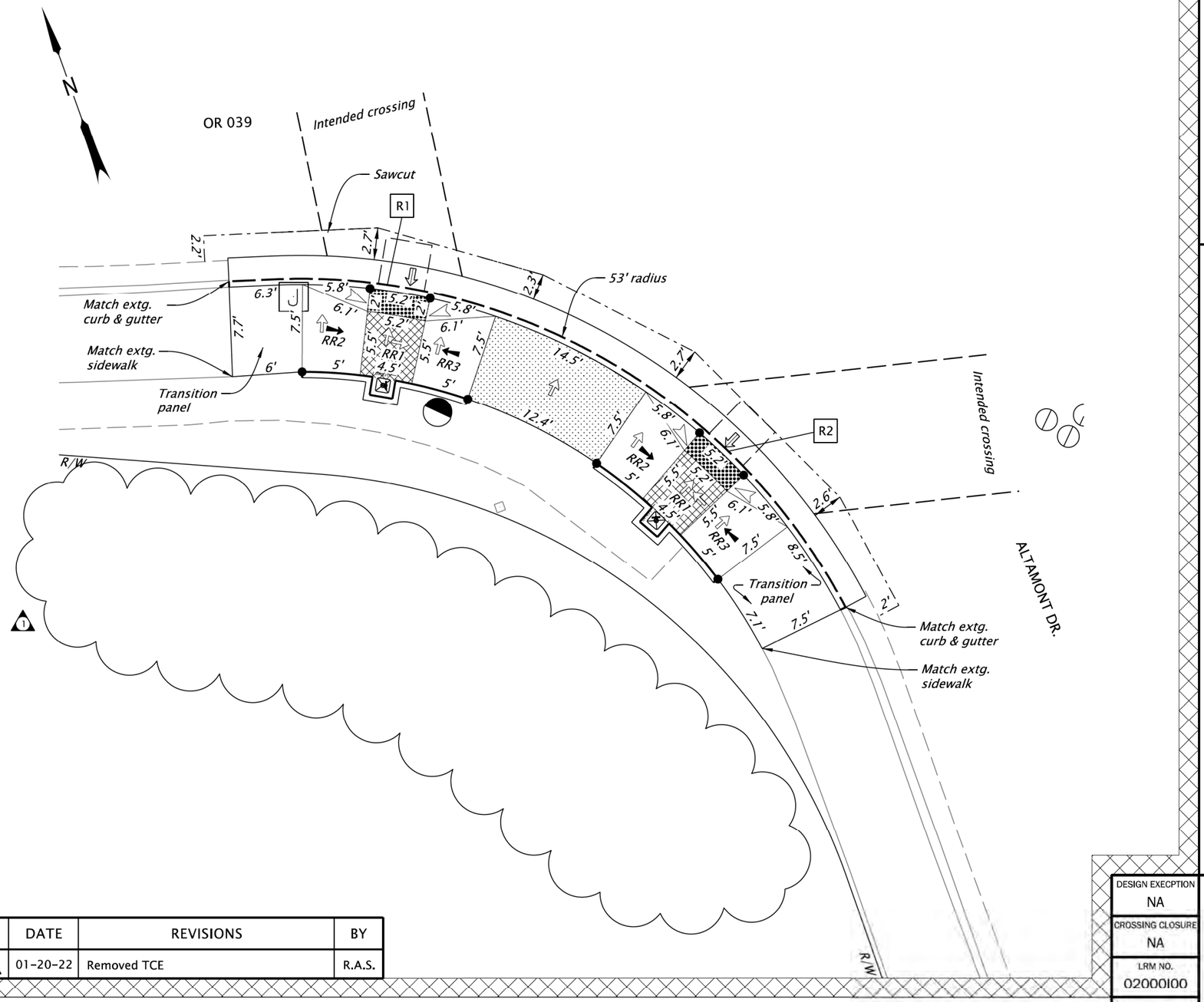
CURB RAMP DETAILS

SHEET NO. BC514

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 325.8403° Scale: 1"=10'

55V-026



No.	DATE	REVISIONS	BY
1	01-20-22	Removed TCE	R.A.S.

OR 039 AT ALTAMONT DR.

ALTAMONT SITE 6 - CORNER 1

10 5 0 10
FEET

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	OR039
M.P.:	2.72
CORNER POSITION	1
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2022.01.20 14:30:45-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

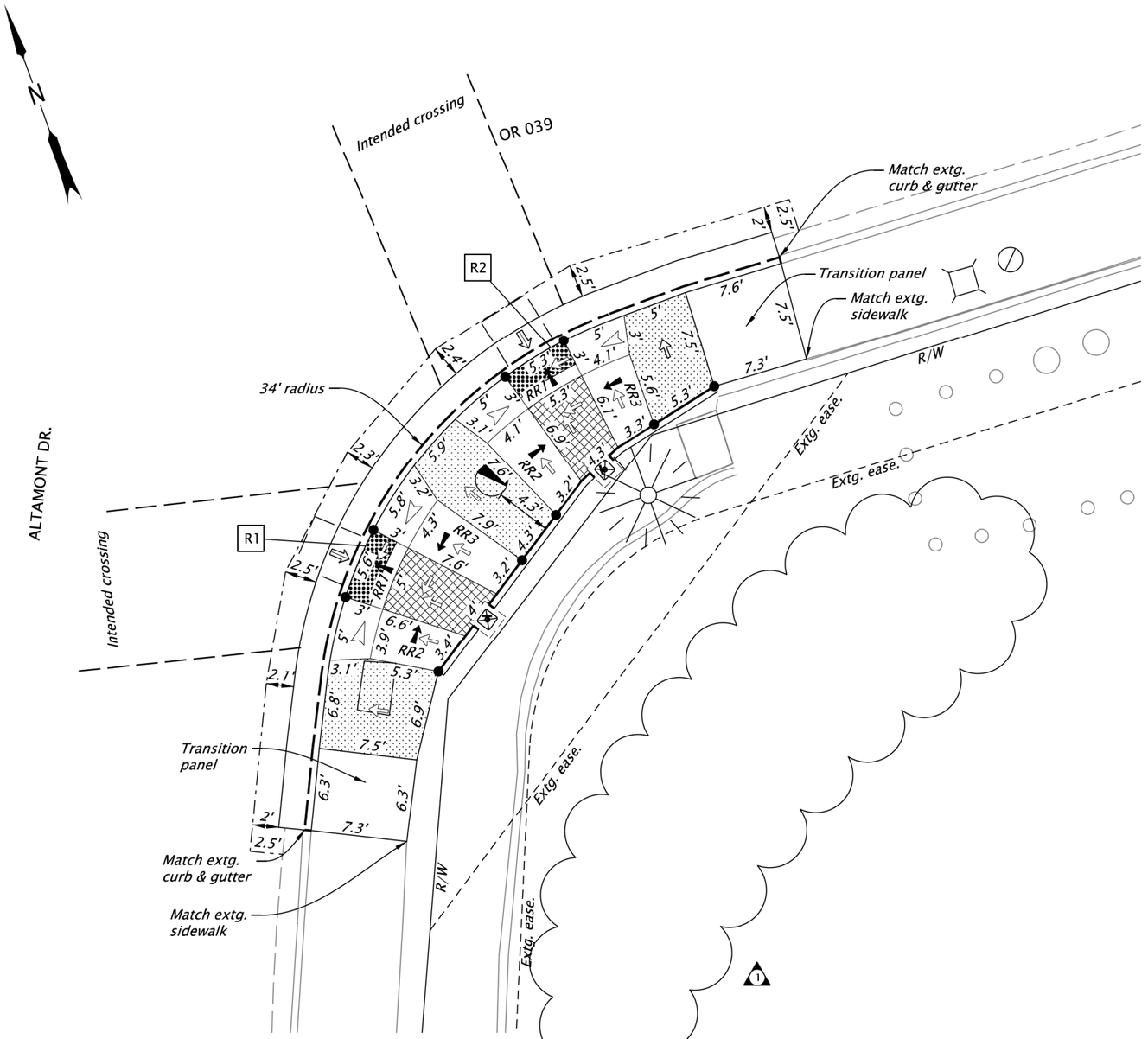
Designer: Ryan Stephens
Reviewer: Stan Petroff
Drafter: Serban Dinca
Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC515

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x% — *Design exception component*

R# — *Ramp number*

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

Right-of-Way delays or access delays (See 00180.65)

No.	DATE	REVISIONS	BY
1	01-20-22	Removed TCE	R.A.S.

OR 039 AT ALTAMONT DR.

ALTAMONT SITE 6 - CORNER 2

10 5 0 10
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	OR039
M.P.:	2.72
CORNER POSITION	2
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2022.01.20 14:34:34-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

ADA CURB RAMP PILOT PROGRAM PROJECT

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

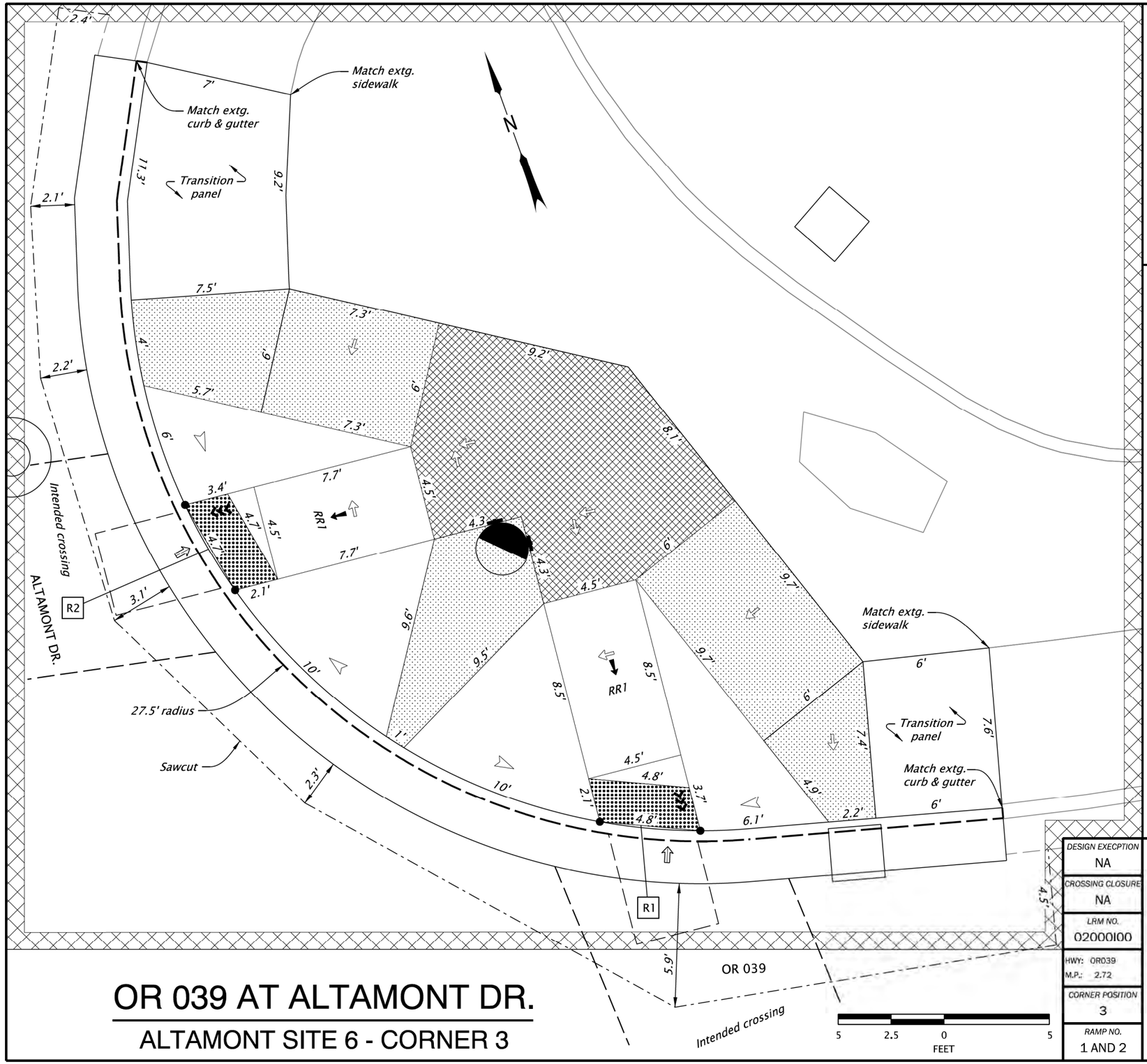
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens — Reviewer: Stan Petroff
Drafter: Serban Dinca — Checker: Jack Mitchell

CURB RAMP DETAILS — SHEET NO. BC516

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026



OR 039 AT ALTAMONT DR.

ALTAMONT SITE 6 - CORNER 3

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 2.72	
CORNER POSITION	3
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 08:34:52-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

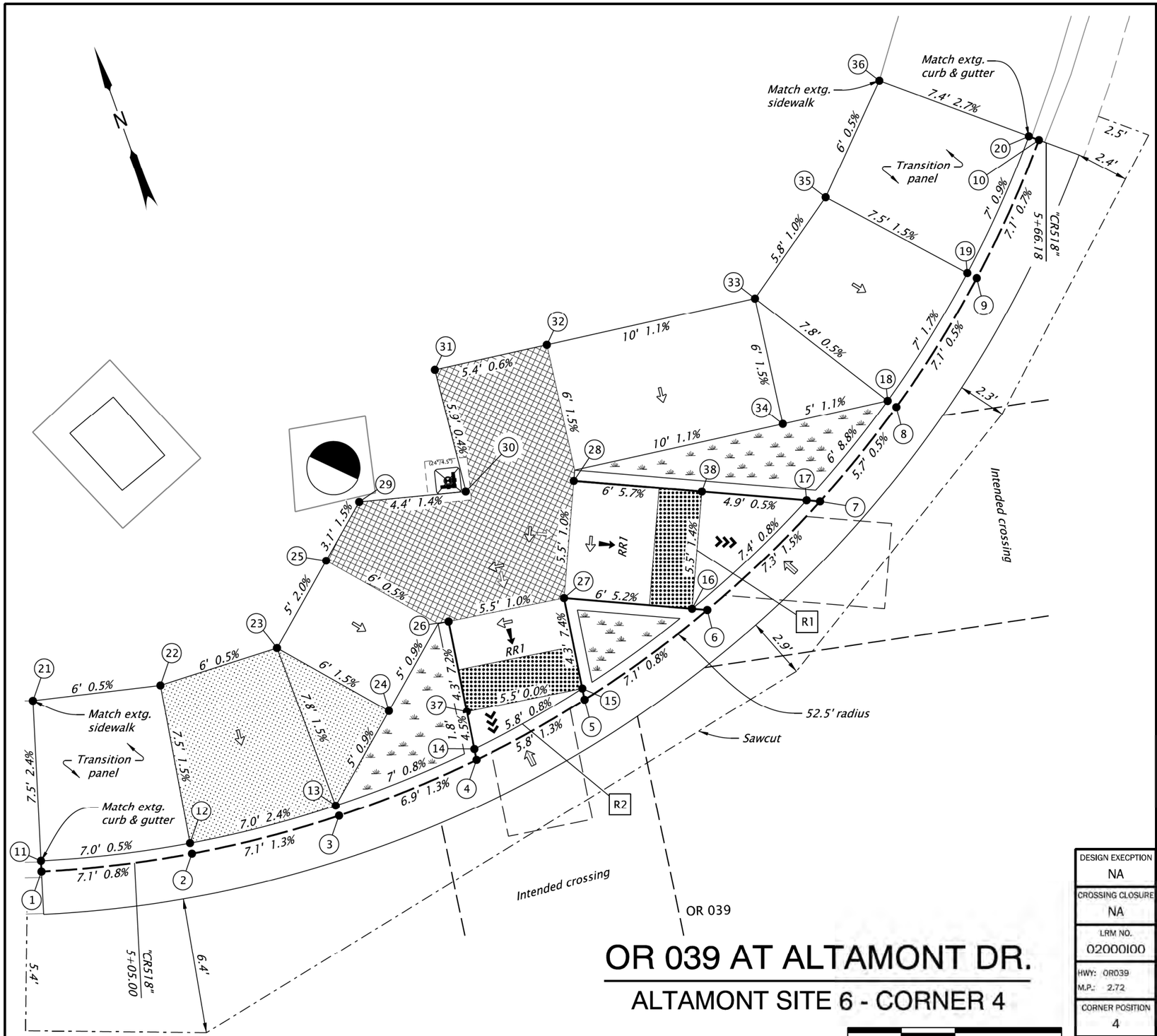
Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC517

Rotation: 340.2417° Scale: 1"=5'

55V-026



OR 039 AT ALTAMONT DR.

ALTAMONT SITE 6 - CORNER 4

5 2.5 0 5
FEET

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' / DE x.x% — Design exception component

Point identifier

Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 2.72	
CORNER POSITION	4
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 08:35:23-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens — Reviewer: Stan Petroff
Drafter: Serban Dinca — Checker: Jack Mitchell

CURB RAMP DETAILS — SHEET NO. BC518

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	5+05.00	0	4098.33	FL
2	5+12.09	0	4098.39	FL
3	5+19.18	0	4098.48	FL
4	5+26.13	0	4098.57	FL
5	5+31.90	0	4098.65	FL
6	5+39.00	0	4098.59	FL
7	5+46.32	0	4098.48	FL
8	5+51.99	0	4098.45	FL
9	5+59.10	0	4098.41	FL
10	5+66.18	0	4098.37	FL
11	5+05.00	0.5	4098.85	BC
12	5+12.09	0.5	4098.89	BC
13	5+19.18	0.5	4099.06	BC
14	5+26.26	0.5	4098.58	BC
15	5+32.09	0.5	4098.66	BC
16	5+38.49	0.5	4098.60	BC
17	5+45.94	0.5	4098.49	BC
18	5+51.99	0.5	4099.03	BC
19	5+59.10	0.5	4098.91	BC
20	5+66.18	0.5	4098.85	BC
21	5+05.00	8.00	4099.03	SW
22	5+12.09	8.00	4099.00	SW
23	5+18.84	8.35	4099.10	SW
24	5+23.23	3.76	4099.01	SW
25	5+23.25	11.37	4099.00	SW
26	5+27.99	6.34	4098.97	SW
27	5+33.77	4.49	4098.91	SW
28	5+37.92	8.62	4098.86	SW
29	5+26.57	13.22	4098.96	SW
30	5+33.52	11.18	4098.90	SW
31	5+35.28	16.69	4098.92	SW
32	5+43.04	14.24	4098.95	SW
33	5+52.27	8.31	4099.07	SW
34	5+47.95	3.69	4098.98	SW
35	5+59.10	8.00	4099.02	SW
36	5+66.18	7.95	4099.05	SW
37	5+26.72	2.21	4098.66	SW
38	5+42.67	4.29	4098.52	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb

OR 039 AT ALTAMONT DR.

ALTAMONT SITE 6 - CORNER 4

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 2.72	
CORNER POSITION	4
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.10.15 09:19:03-07'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

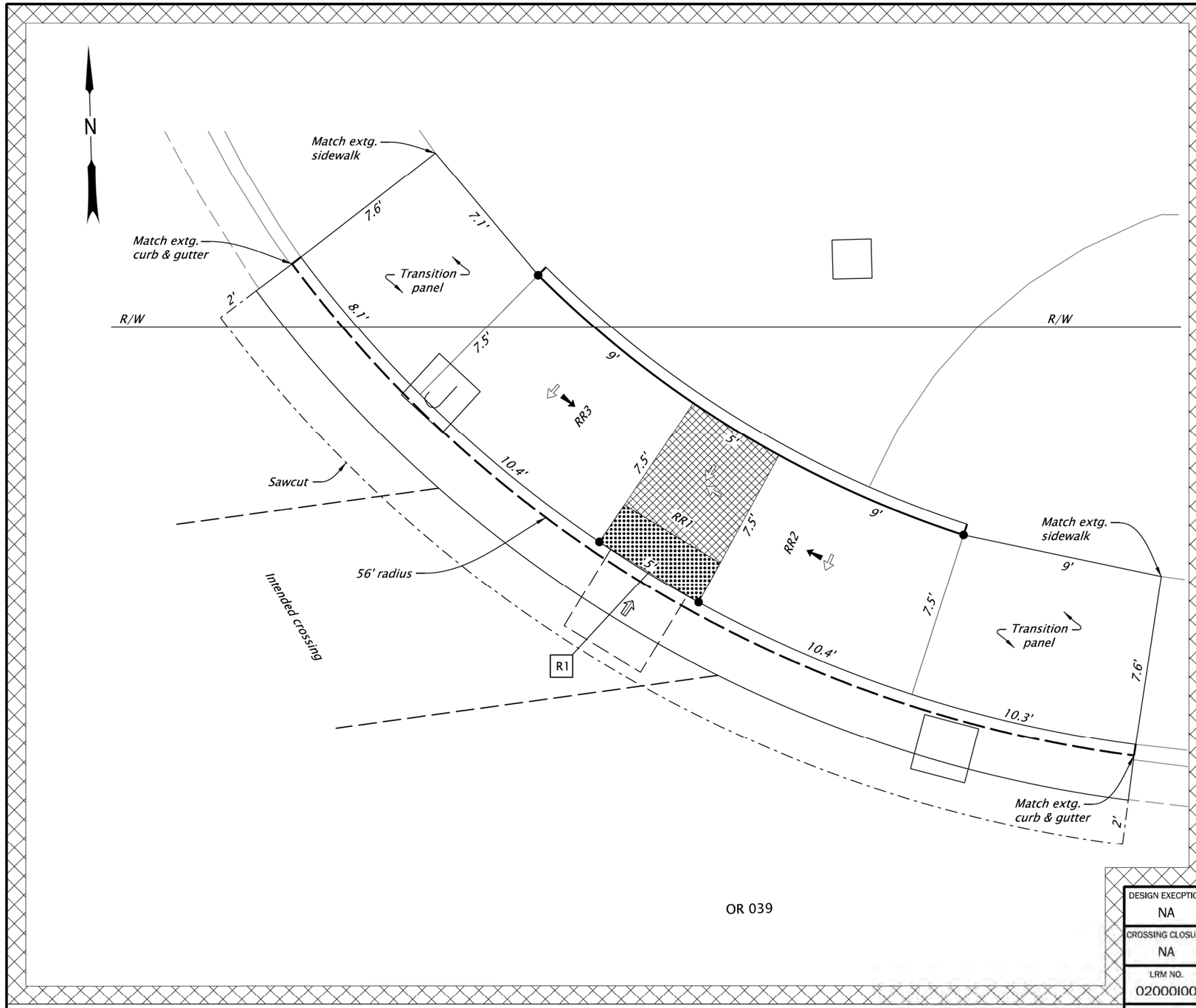
Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC518A

Rotation: 340.2417° Scale: 1"=5'

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 AT ENTRANCE TO FAIR GROUNDS

ALTAMONT SITE 7 - CORNER 3

5 2.5 0 5
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 2.78	
CORNER POSITION	3
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 08:36:04-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC519

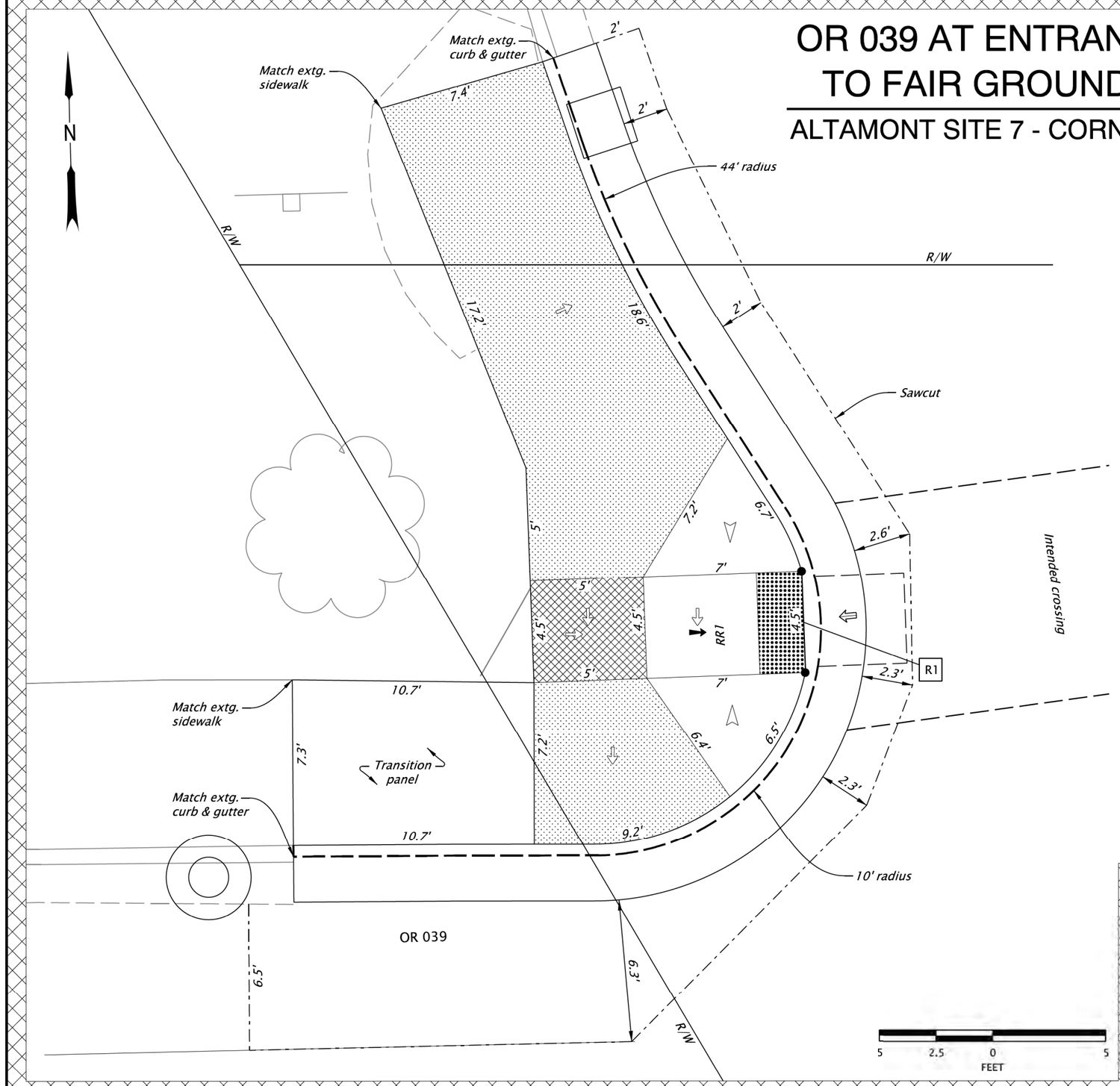
BC519_ALTAMONT - Site 7 - OR 39 @ Entrance Fairgrounds - Cor. 3 :: Default 10/11/2021 6:07:47 PM sashe

Rotation: 358.4667° Scale: 1"=5'

55V-026

OR 039 AT ENTRANCE TO FAIR GROUNDS

ALTAMONT SITE 7 - CORNER 4



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X' / DE x.x% — Design exception component

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	OR039
M.P.:	4.00
CORNER POSITION	4
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 08:36:35-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

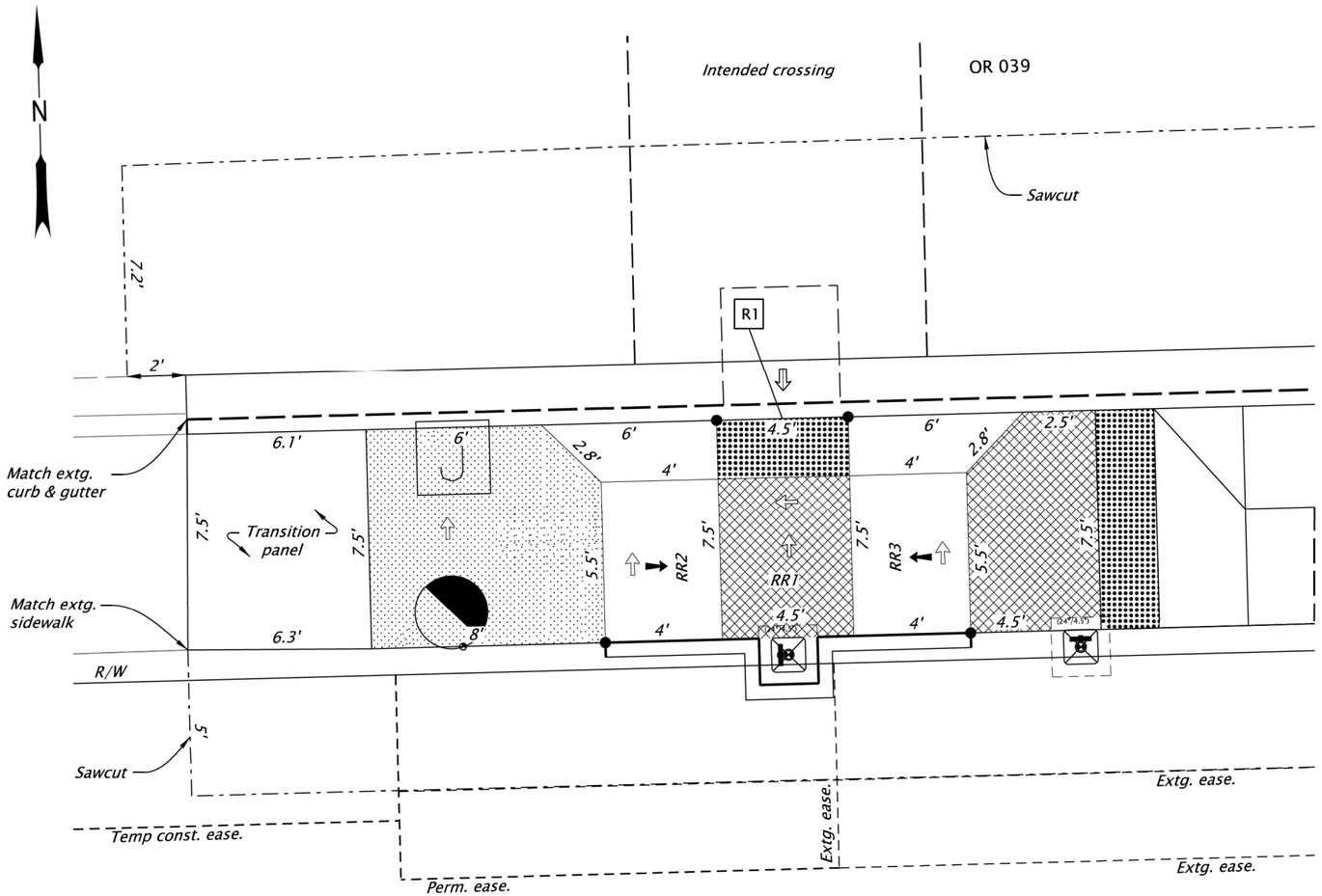
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens — Reviewer: Stan Petroff
Drafter: Serban Dinca — Checker: Jack Mitchell

CURB RAMP DETAILS — SHEET NO. BC520

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 AT CREST ST.

ALTAMONT SITE 8 - CORNER 1

5 2.5 0 5
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 1.46	
CORNER POSITION	1
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 08:37:15-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

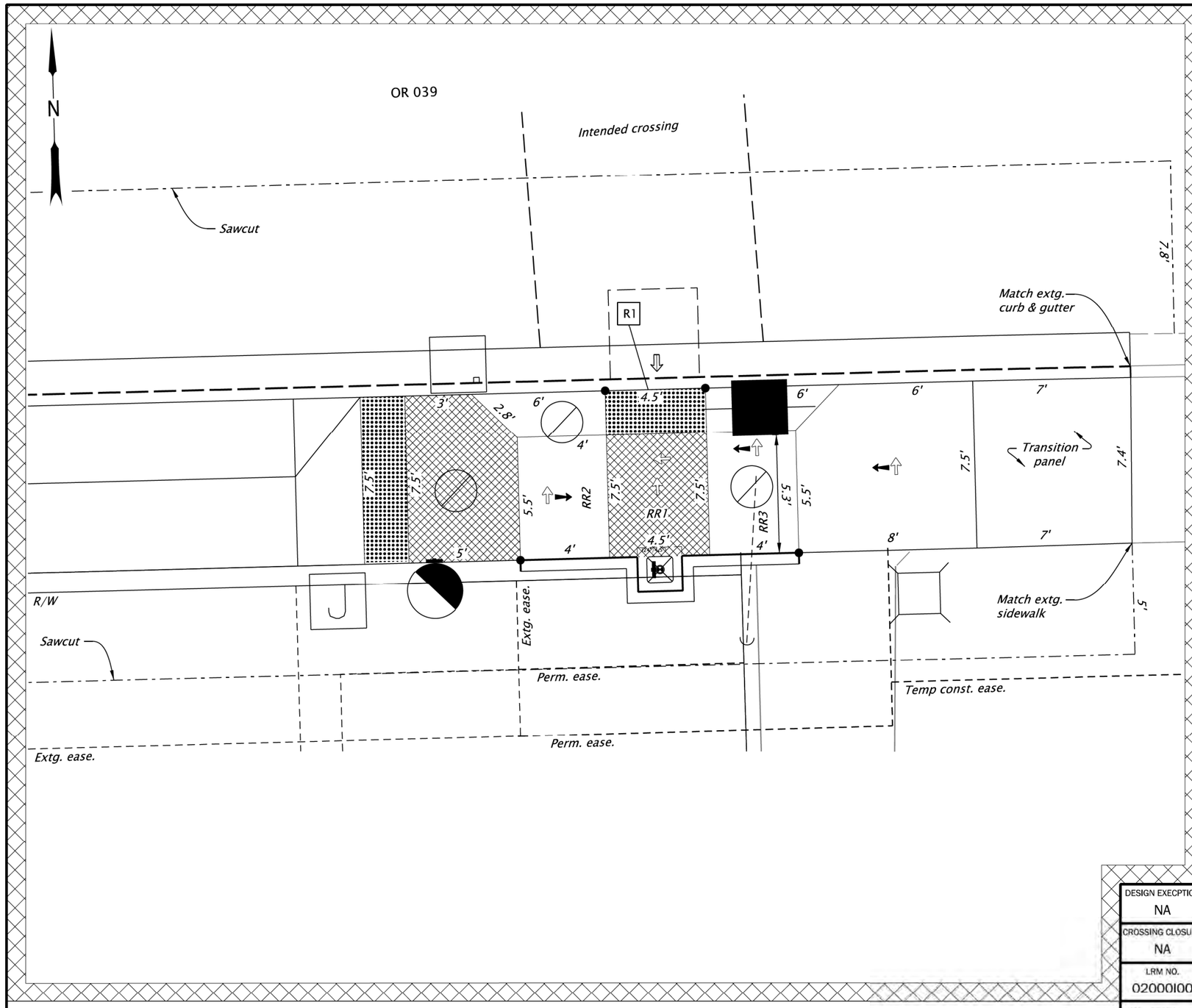
Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC521

Rotation: 358.4667° Scale: 1"=5'

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 AT CREST ST.

ALTAMONT SITE 8 - CORNER 2

5 2.5 0 5
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 2.97	
CORNER POSITION	2
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 08:38:42-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

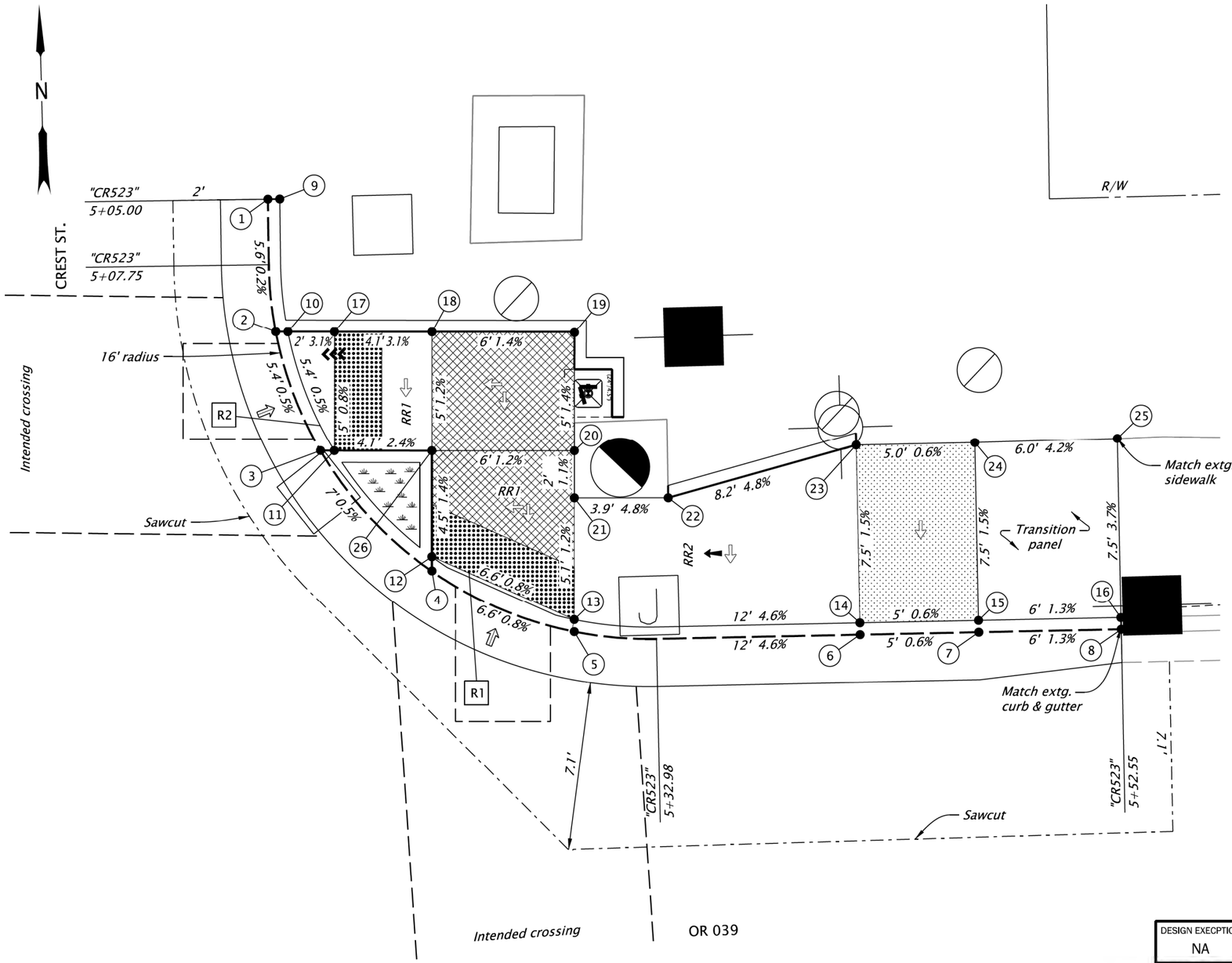
Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC522

Rotation: 358.4667° Scale: 1"=5'

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' / DE x.x% — Design exception component

(#) — Point identifier

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

OR 039 AT CREST ST.

ALTAMONT SITE 8 - CORNER 3

5 2.5 0 5 FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.:	4.22
CORNER POSITION	3
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 08:39:2 -08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens — Reviewer: Stan Petroff
Drafter: Serban Dinca — Checker: Jack Mitchell

CURB RAMP DETAILS — SHEET NO. BC523

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	5+05.00	0	4114.32	FL
2	5+10.59	0	4114.33	FL
3	5+15.96	0	4114.36	FL
4	5+22.93	0	4114.40	FL
5	2+29.49	0	4114.45	FL
6	5+41.55	0	4114.51	FL
7	5+46.55	0	4114.54	FL
8	5+52.55	0	4114.62	FL
9	5+05.00	0.5	4114.32	BC
10	5+10.69	0.5	4114.34	BC
11	5+16.27	0.5	4114.37	BC
12	5+22.57	0.5	4114.41	BC
13	5+29.39	0.5	4114.46	BC
14	5+41.96	0.5	4115.01	BC
15	5+46.96	0.5	4115.04	BC
16	5+52.96	0.5	4115.12	BC
17	5+11.15	2.41	4114.41	SW
18	5+12.70	6.37	4114.53	SW
19	5+19.99	11.62	4114.61	SW
20	5+26.73	7.35	4114.54	SW
21	5+27.82	5.48	4114.52	SW
22	5+33.59	5.94	4114.72	SW
23	5+41.96	8.00	4115.12	SW
24	5+46.96	8.00	4115.15	SW
25	5+52.96	8.05	4115.40	SW
26	5+19.09	3.82	4114.47	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb

OR 039 AT CREST ST.

ALTAMONT SITE 8 - CORNER 3

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 4.22	
CORNER POSITION	3
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.10.15 09:39:59-07'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

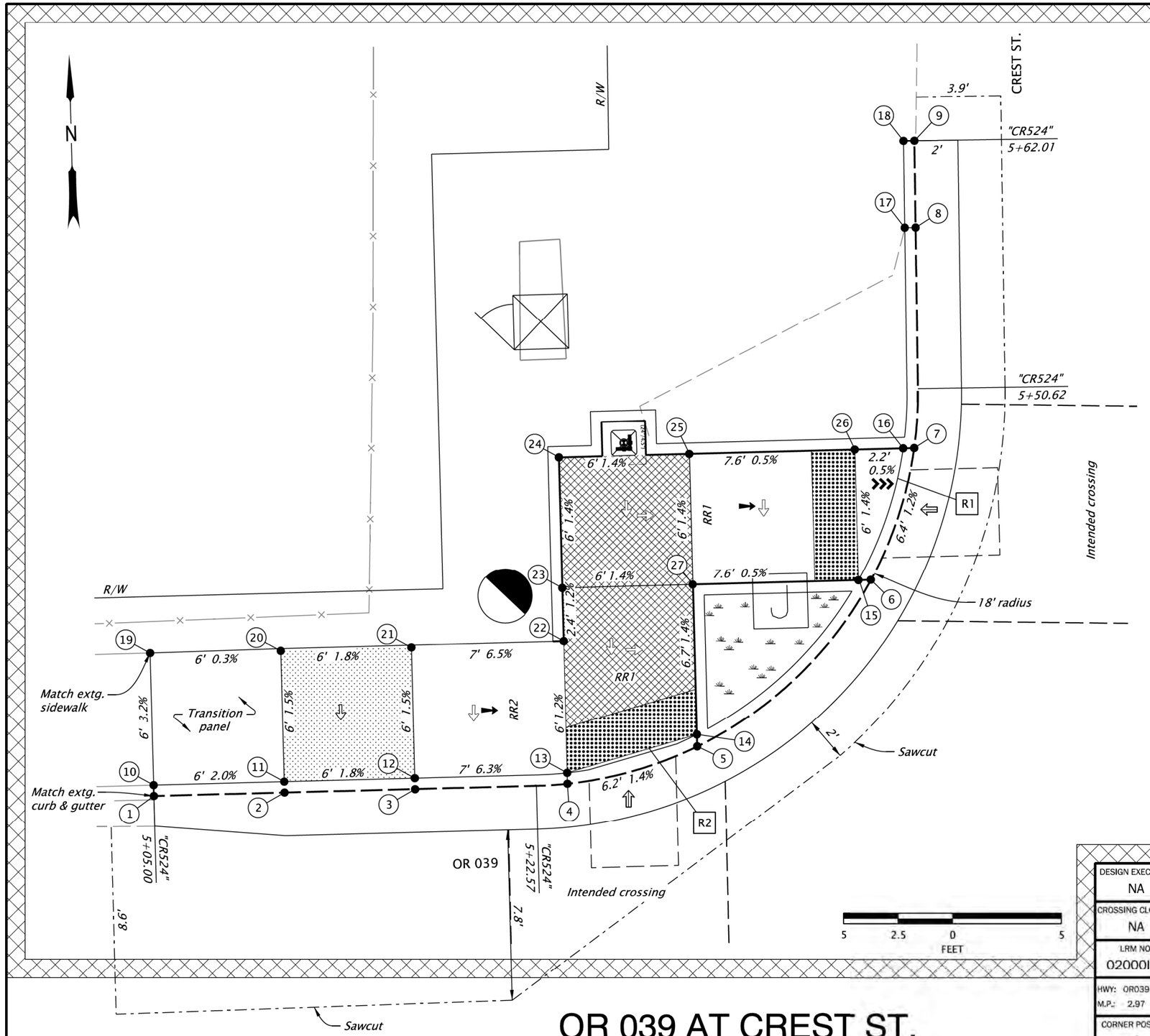
Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC523A

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x% *Design exception component*

Point identifier

R# *Ramp number*

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 AT CREST ST.

ALTAMONT SITE 8 - CORNER 4

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	OR039
M.P.:	2.97
CORNER POSITION	4
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 08:40:03-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS

EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens | Reviewer: Stan Petroff
Drafter: Serban Dinca | Checker: Jack Mitchell

CURB RAMP DETAILS | SHEET NO. BC524

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 358.4667° Scale: 1"=5'

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	5+05.00	0	4113.18	FL
2	5+11.00	0	4113.23	FL
3	5+17.00	0	4113.34	FL
4	5+24.00	0	4113.47	FL
5	5+29.68	0	4113.55	FL
6	5+42.04	0	4113.62	FL
7	5+47.87	0	4113.69	FL
8	5+58.01	0	4113.78	FL
9	5+62.01	0	4113.81	FL
10	5+05.00	0.5	4113.69	BC
11	5+11.00	0.5	4113.81	BC
12	5+17.00	0.5	4113.92	BC
13	5+24.04	0.5	4113.48	BC
14	5+29.90	0.5	4113.56	BC
15	5+41.76	0.5	4113.63	BC
16	5+47.79	0.5	4113.70	BC
17	5+58.01	0.5	4114.36	BC
18	5+62.01	0.5	4113.80	BC
19	5+05.00	6.56	4113.88	SW
20	5+11.00	6.50	4113.90	SW
21	5+17.00	6.50	4114.01	SW
22	5+24.80	6.41	4113.55	SW
23	5+25.59	9.42	4113.59	SW
24	5+30.69	14.72	4113.67	SW
25	5+43.59	10.46	4113.75	SW
26	5+47.41	2.40	4113.71	SW
27	5+34.93	7.07	4113.67	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb

OR 039 AT CREST ST.

ALTAMONT SITE 8 - CORNER 4

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 2.97	
CORNER POSITION	4
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.10.15 09:47:34-07'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

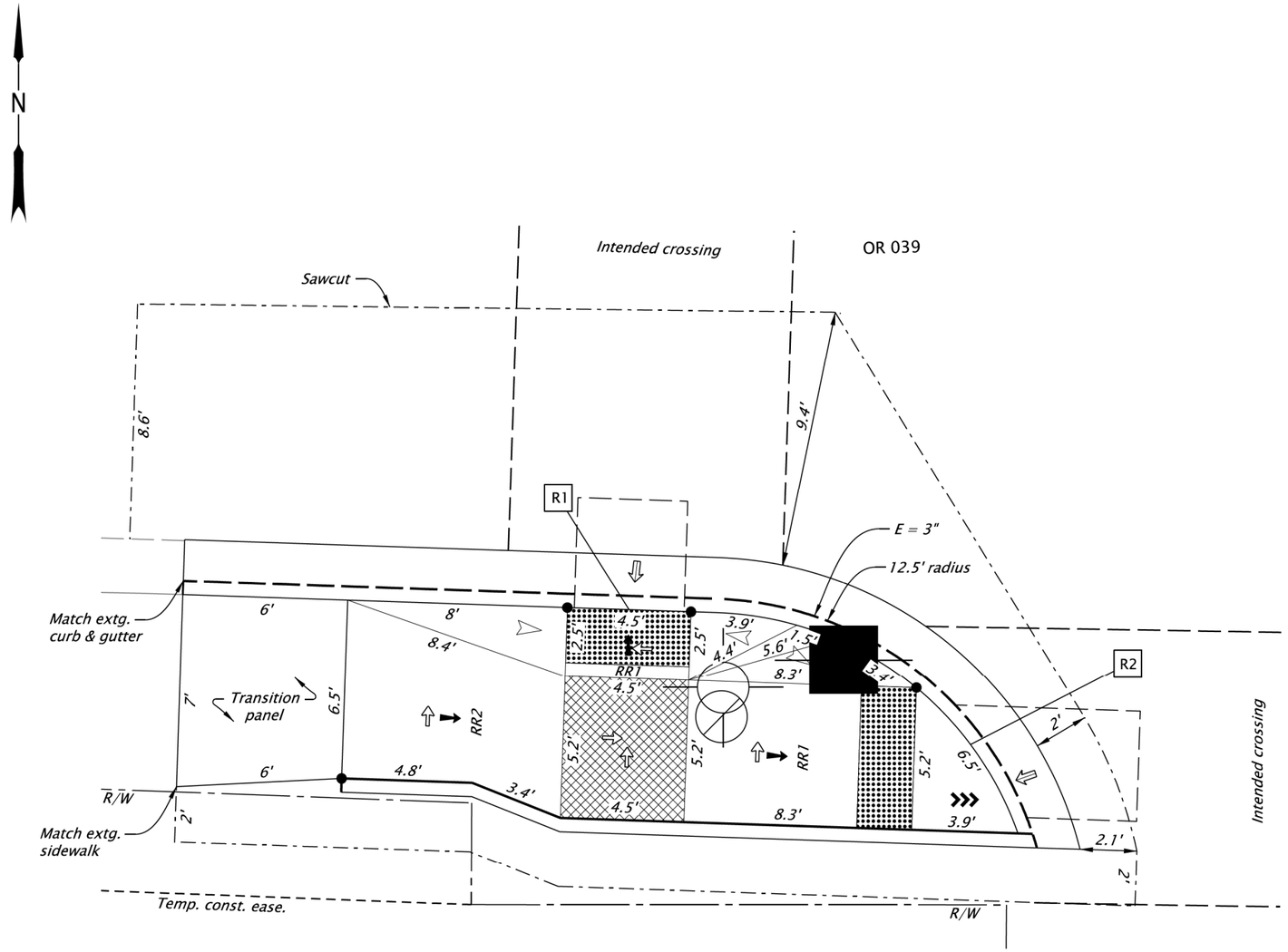
CURB RAMP DETAILS

SHEET NO. BC524A

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 358.4667° Scale: 1"=5'

55V-026



OR 039 AT ENTRANCE TO WUBBA'S BBQ

ALTAMONT SITE 9 - CORNER 1

5 2.5 0 5
FEET

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x% — *Design exception component*

R# — *Ramp number*

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	OR039
M.P.:	3.08
CORNER POSITION	1
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 08:40:57-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

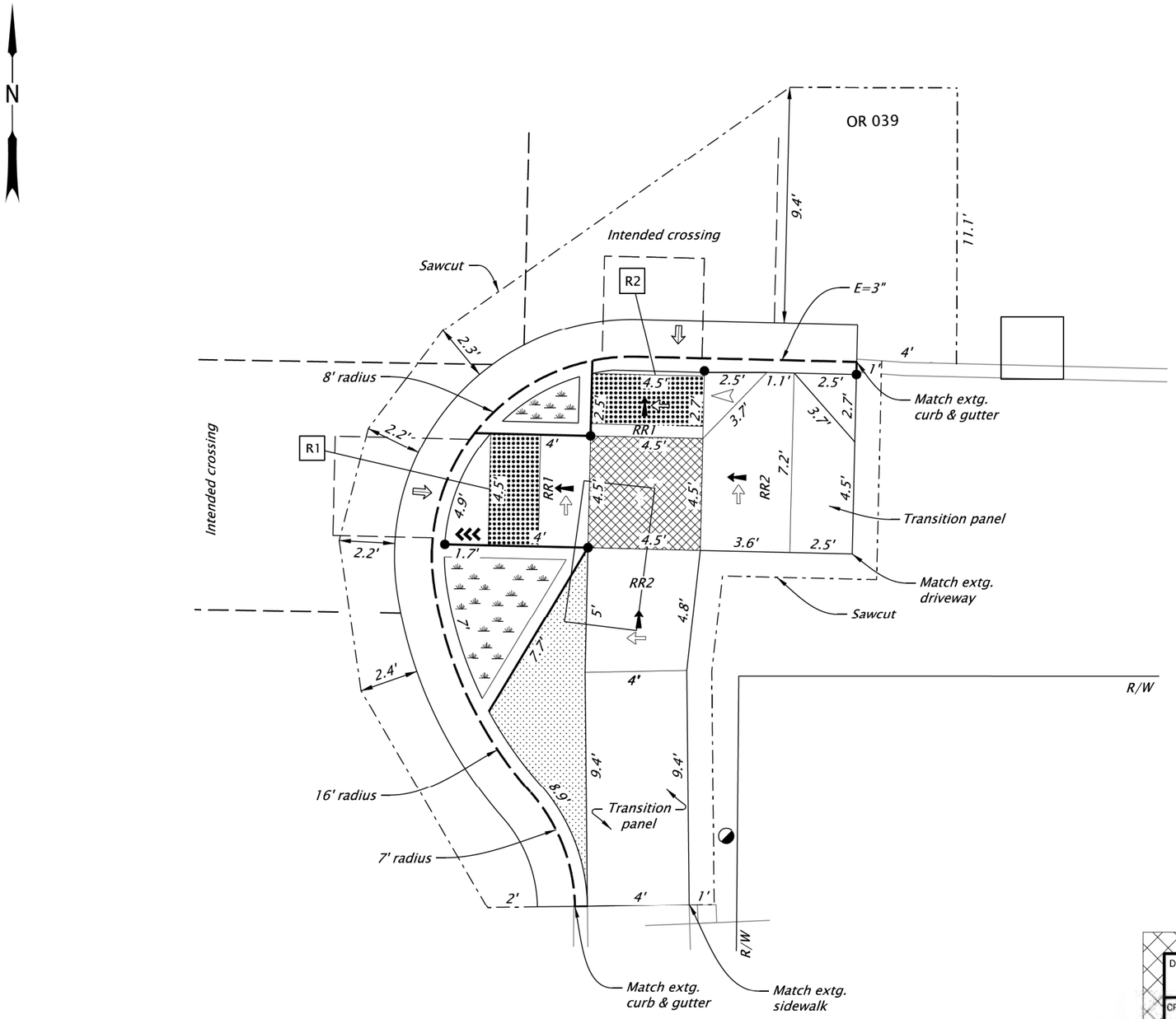
Designer: Ryan Stephens — Reviewer: Stan Petroff
Drafter: Serban Dinca — Checker: Jack Mitchell

CURB RAMP DETAILS — SHEET NO. BC525

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1"=5'

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 AT ENTRANCE TO WUBBA'S BBQ

ALTAMONT SITE 9 - CORNER 2

5 2.5 0 5
FEET

DESIGN EXCEPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	OR039
M.P.:	3.08
CORNER POSITION	2
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 08:41:5 -08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

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KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

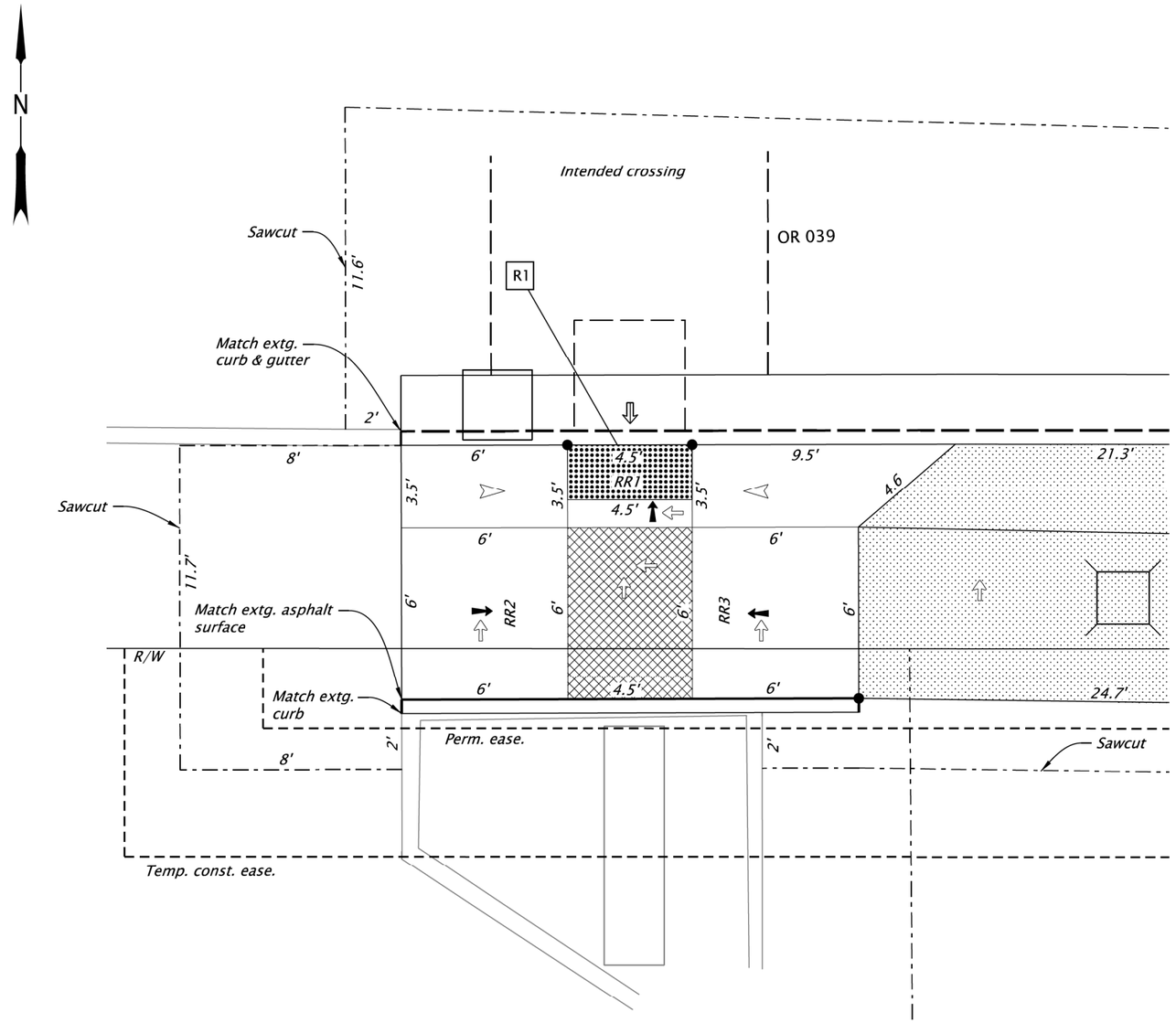
Designer: Ryan Stephens
Drafter: Serban Dinca
Reviewer: Stan Petroff
Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC526

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 AT DERBY ST.

ALTAMONT SITE 10 - CORNER 1

5 2.5 0 5
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	OR039
M.P.:	3.15
CORNER POSITION	1
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 08:42:25-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

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KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

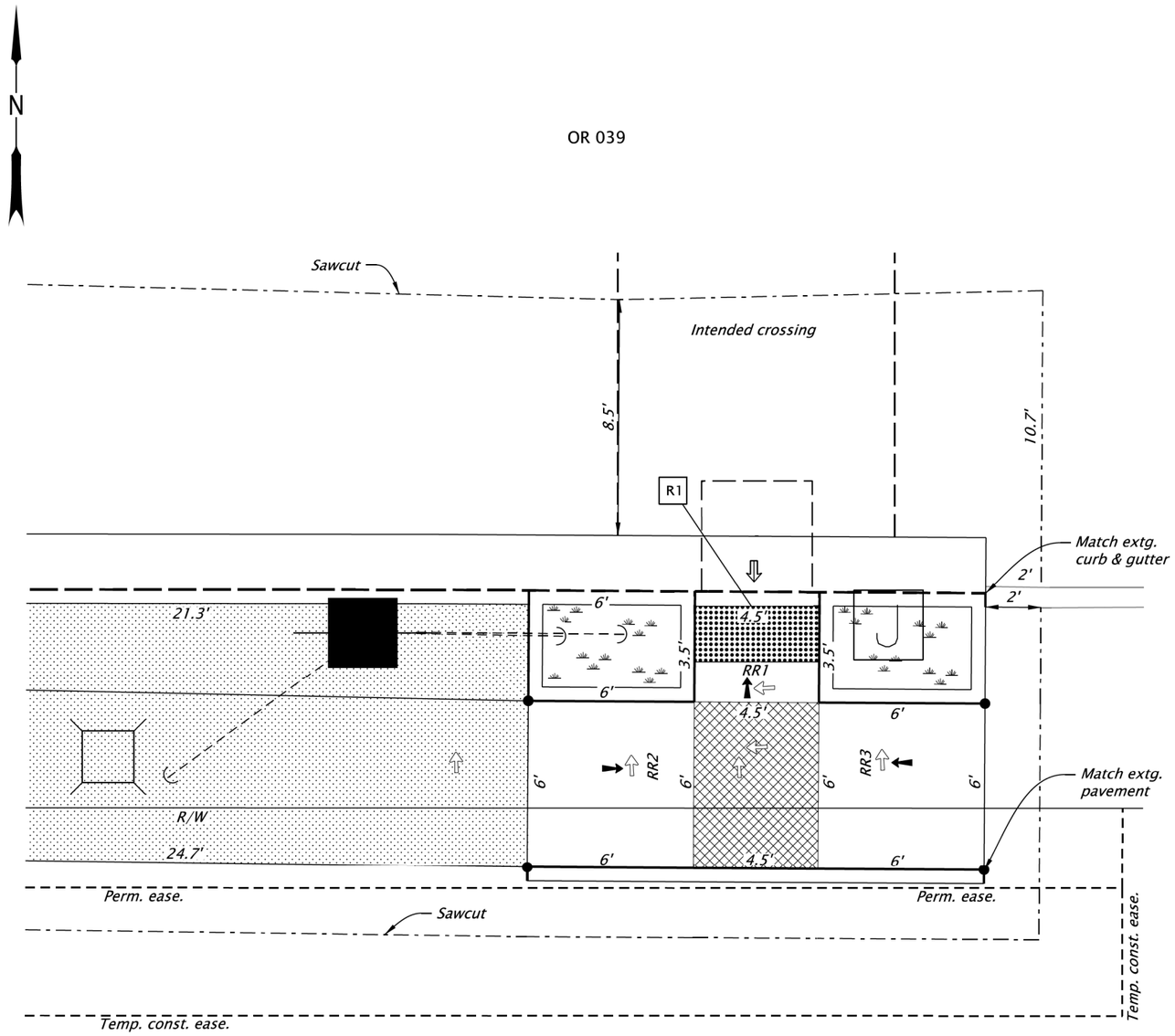
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens
Drafter: Serban Dinca
Reviewer: Stan Petroff
Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO.
BC527

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x% *Design exception component*

R# *Ramp number*

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 AT DERBY ST.

ALTAMONT SITE 10 - CORNER 2

5 2.5 0 5
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	OR039
M.P.:	3.15
CORNER POSITION	2
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 08:43:03-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

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KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

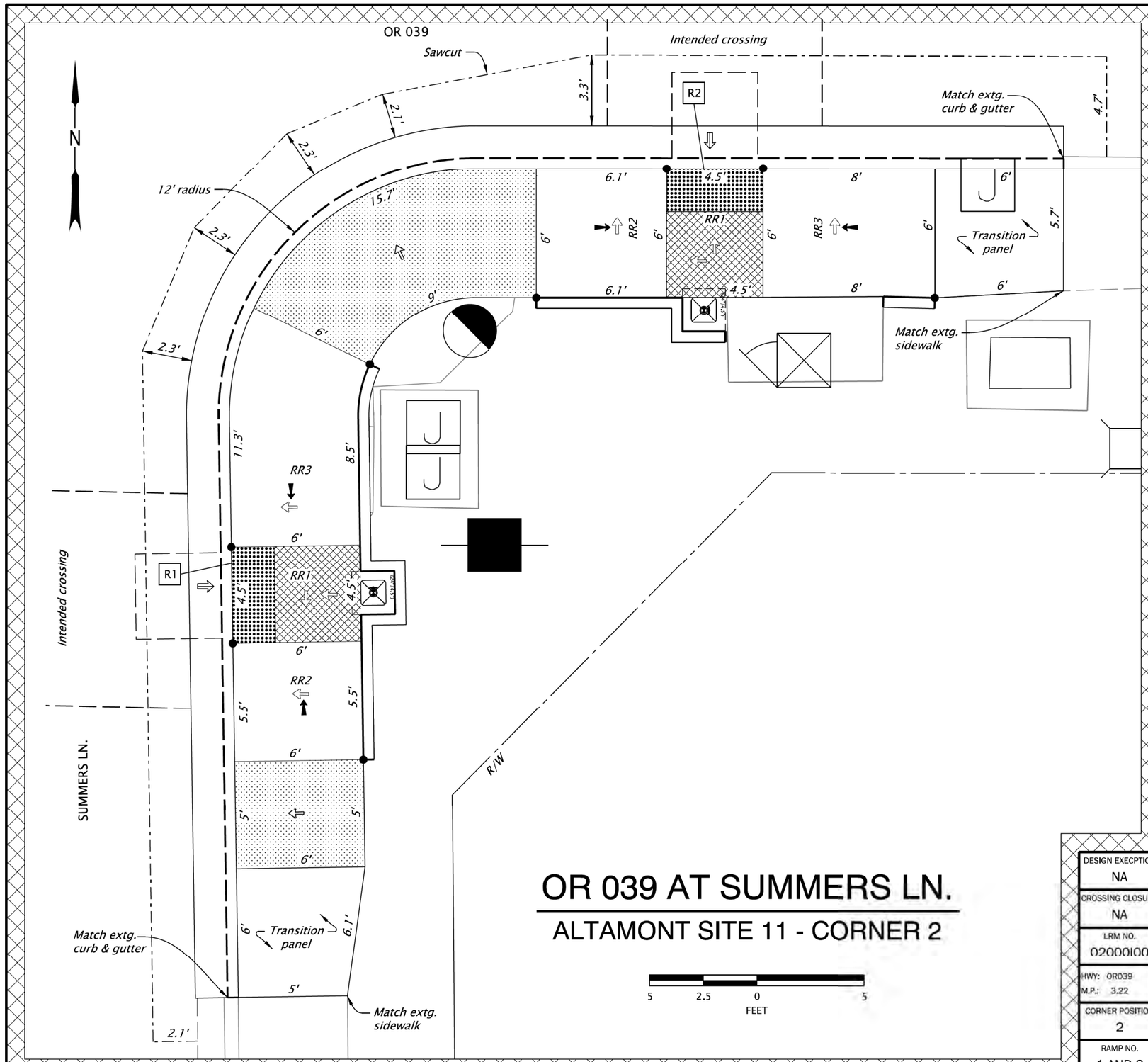
CURB RAMP DETAILS

SHEET NO. BC528

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1"=5'

55V-026



OR 039 AT SUMMERS LN.

ALTAMONT SITE 11 - CORNER 2

5 2.5 0 5
FEET

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X' / DE x.x% *Design exception component*

R# *Ramp number*

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 3.22	
CORNER POSITION	2
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 08:43:42-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

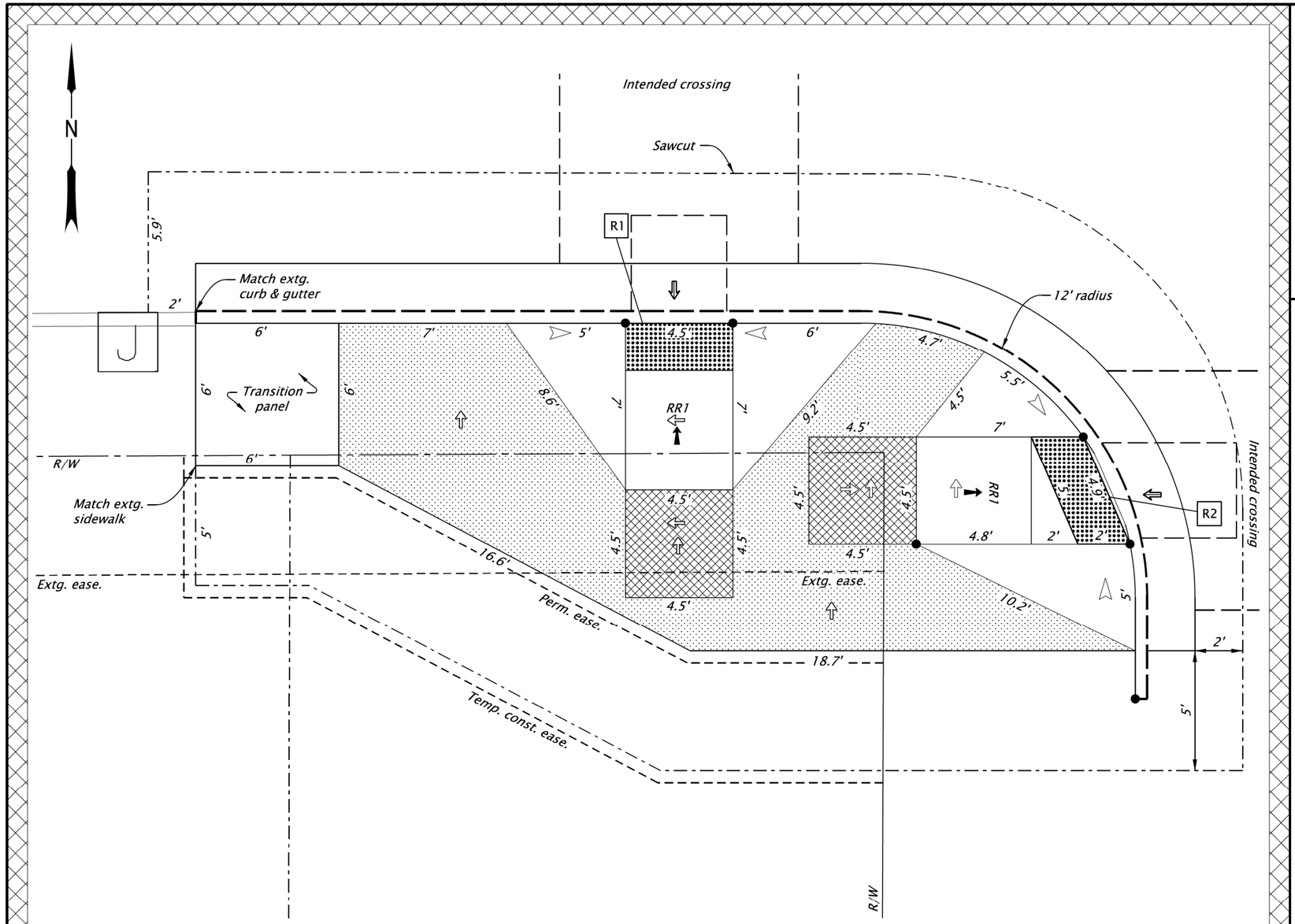
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

CURB RAMP DETAILS SHEET NO. BC529

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x% — *Design exception component*

R# — *Ramp number*

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 AT FARGO ST.

ALTAMONT SITE 13 - CORNER 1

5 2.5 0 5
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	OR039
M.P.:	3.36
CORNER POSITION	1
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 08:44:19-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

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OREGON DEPARTMENT OF TRANSPORTATION

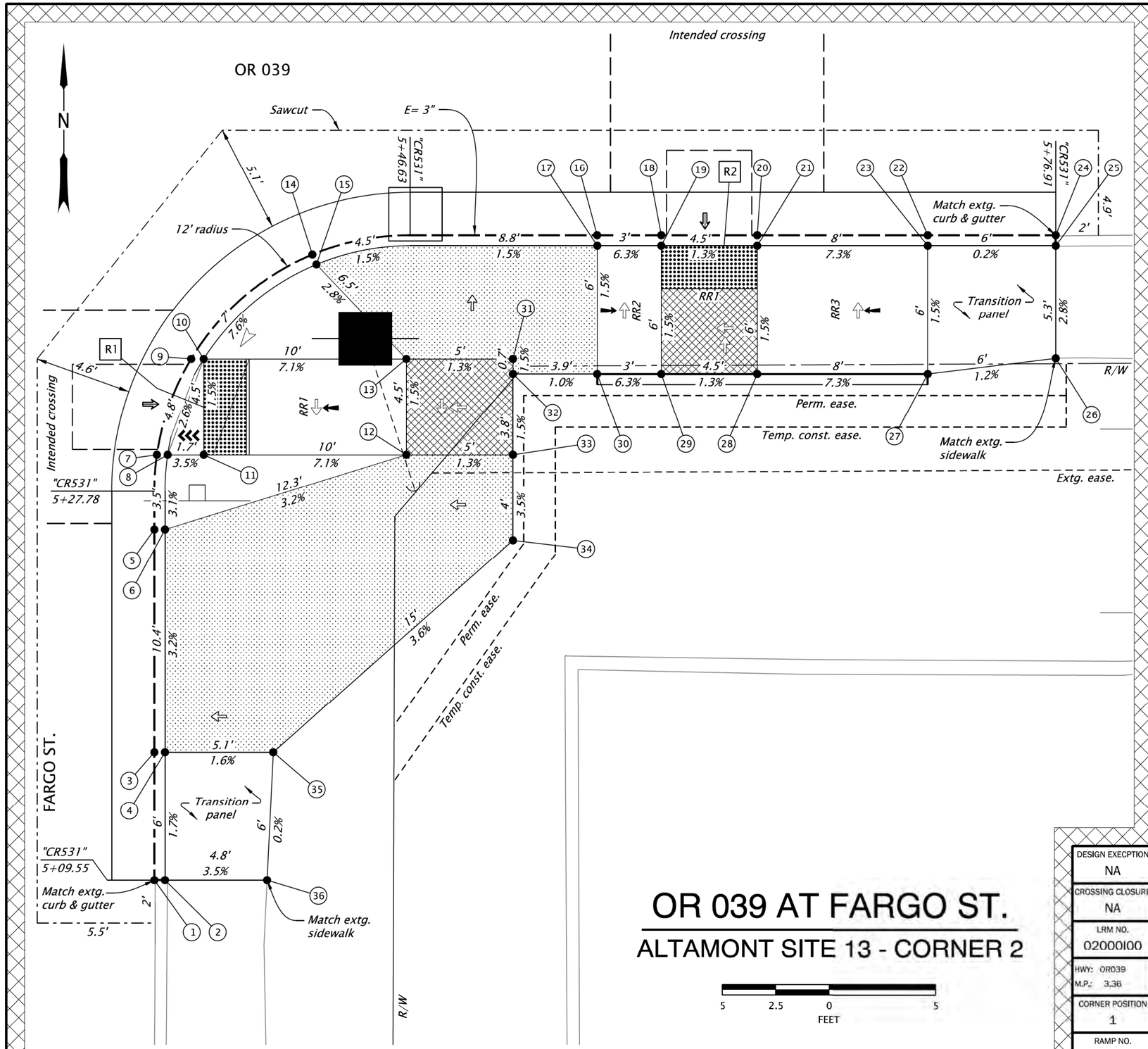
KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens — Reviewer: Stan Petroff
Drafter: Serban Dinca — Checker: Jack Mitchell

CURB RAMP DETAILS — SHEET NO. BC530

55V-026



OR 039 AT FARGO ST.

ALTAMONT SITE 13 - CORNER 2

5 2.5 0 5
FEET

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' / DE x.x% — Design exception component

\# — Point identifier

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	OR039
M.P.:	3.36
CORNER POSITION	1
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 08:44:55-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

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KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens — Reviewer: Stan Petroff
Drafter: Serban Dinca — Checker: Jack Mitchell

CURB RAMP DETAILS — SHEET NO. BC531

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	5+05.00	0.00'	4141.65	FL
2	5+05.00	0.50'	4142.19	BC
3	5+11.00	0.00'	4141.77	FL
4	5+11.00	0.50'	4142.29	BC
5	5+26.00	0.00'	4142.10	FL
6	5+26.00	0.50'	4142.60	BC
7	5+29.50	0.00'	4142.21	FL
8	5+29.57	0.50'	4142.22	BC
9	5+34.31	0.00'	4142.34	FL
10	5+34.63	0.50'	4142.35	BC
11	5+29.88	2.17'	4142.28	SW
12	5+46.96	10.30'	4142.99	SW
13	5+46.96	5.80'	4143.06	SW
14	5+41.93	0.00'	4142.63	FL
15	5+41.93	0.50'	4142.88	BC
16	5+55.40	0.00'	4142.83	FL
17	5+55.40	0.50'	4143.08	BC
18	5+58.41	0.00'	4142.88	FL
19	5+76.91	5.77'	4142.89	BC
20	5+70.91	0.50'	4142.94	FL
21	5+76.91	0.50'	4142.95	BC
22	5+58.41	0.50'	4143.03	FL
23	5+70.91	6.42'	4143.53	BC
24	5+76.91	0.00'	4143.08	FL
25	5+62.91	0.00'	4143.54	BC
26	5+62.91	0.50'	4143.69	SW
27	5+70.91	0.00'	4143.62	SW
28	5+62.91	6.50'	4143.04	SW
29	5+55.40	6.50'	4142.98	SW
30	5+58.41	6.50'	4143.17	SW
31	5+51.46	5.80'	4143.12	SW
32	5+51.46	6.50'	4143.11	SW
33	5+51.46	10.30'	4143.05	SW
34	5+51.46	14.30'	4142.91	SW
35	5+11.00	6.50'	4142.37	SW
36	5+05.01	5.17'	4142.36	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb

OR 039 AT FARGO ST.

ALTAMONT SITE 13 - CORNER 2

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	OR039
M.P.:	3.36
CORNER POSITION	1
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 08:45:38-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

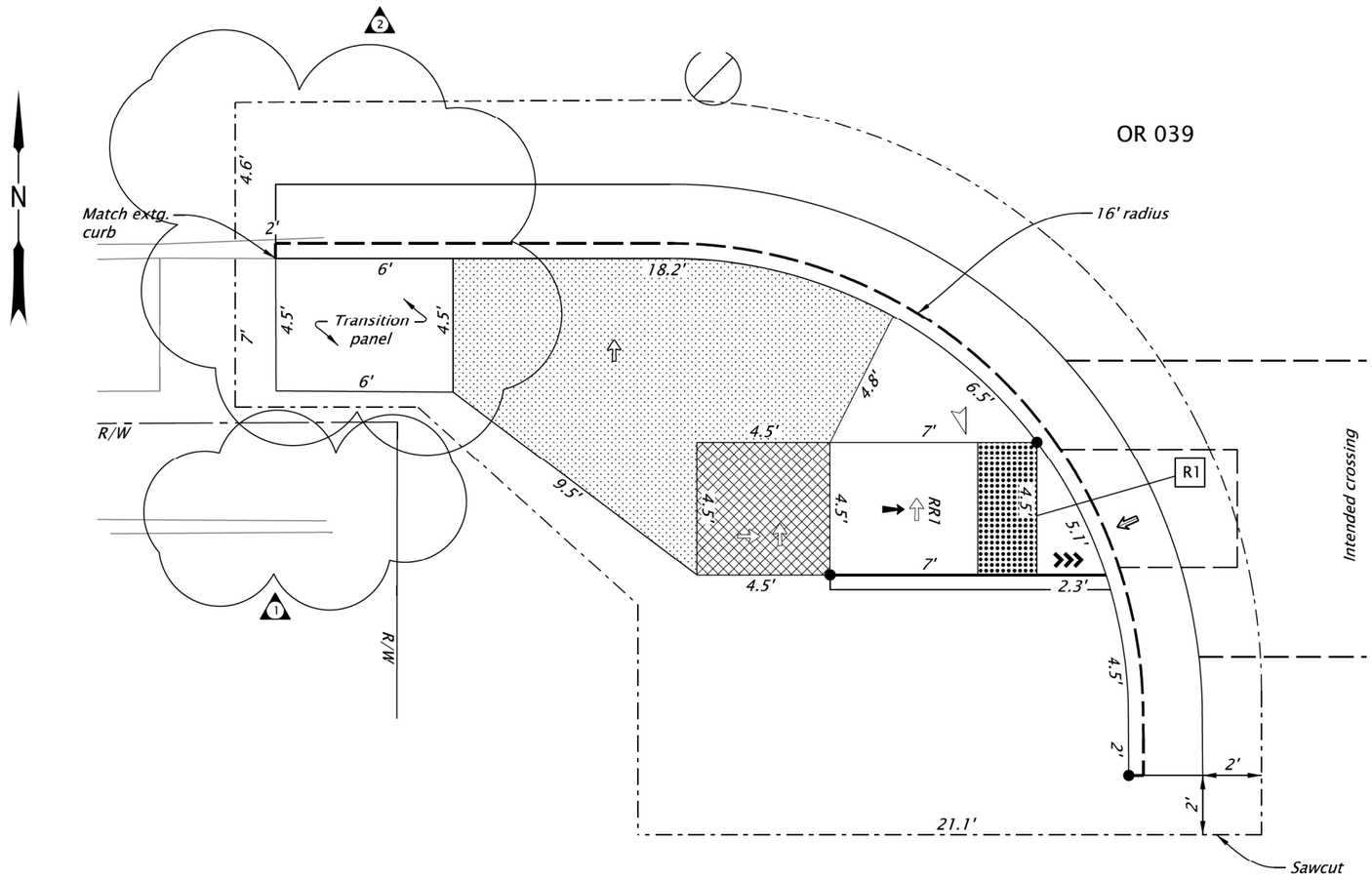
Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC531A

Rotation: 0° Scale: 1"=5'

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x% — *Design exception component*

R# — *Ramp number*

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

No.	DATE	REVISIONS	BY
1	01-20-22	Removed TCE	R.A.S.
2	01-20-22	Revised sidewalk and curb layout	R.A.S.

5 2.5 0 5
FEET

OR 039 AT GETTLE ST.

ALTAMONT SITE 14 - CORNER 1

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	OR039
M.P.:	3.49
CORNER POSITION	1
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2022.01.20 14:47:11-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

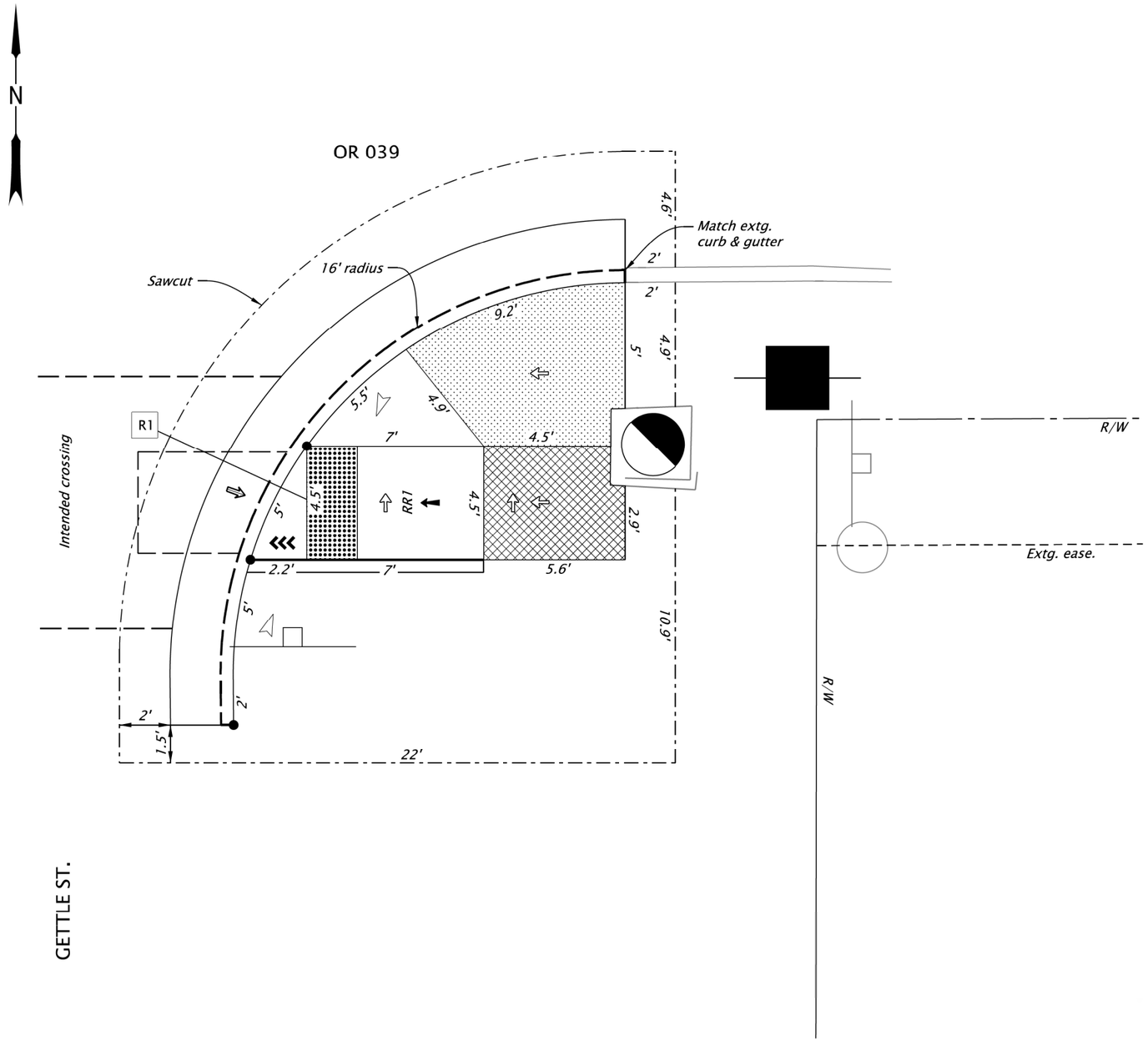
CURB RAMP DETAILS

SHEET NO. BC532

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1"=5'

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

5 2.5 0 5
FEET

OR 039 AT GETTLE ST.

ALTAMONT SITE 14 - CORNER 2

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039	M.P.:2.52 - 5.16
CORNER POSITION	2
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 08:47:12-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

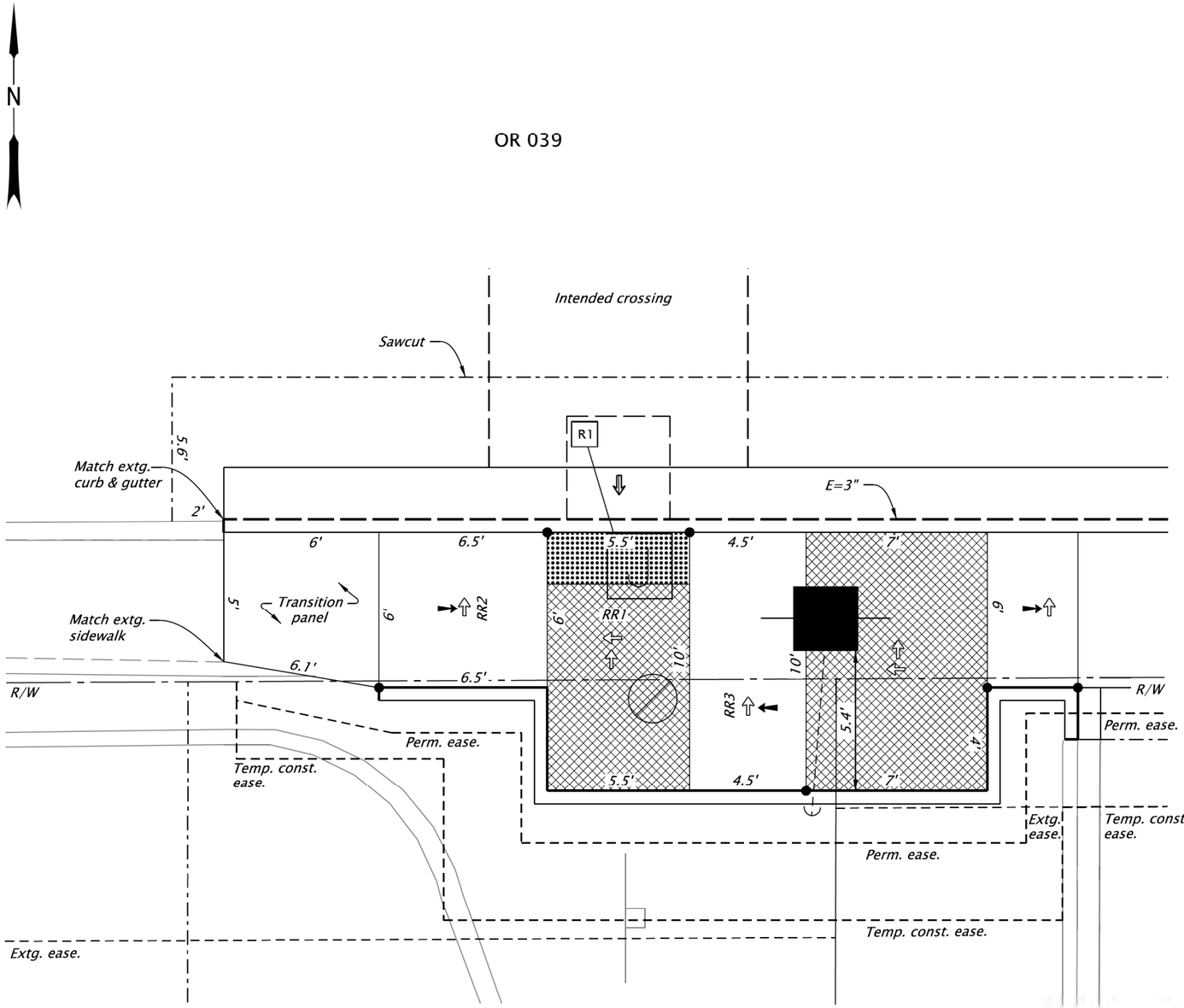
CURB RAMP DETAILS

SHEET NO. BC533

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1"=5'

55V-026



OR 039 AT HOPE ST.

ALTAMONT SITE 15 - CORNER 1

5 2.5 0 5
FEET

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 3.57	
CORNER POSITION	1
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.10.12 15:06:08-07'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens
Drafter: Serban Dinca
Reviewer: Stan Petroff
Checker: Jack Mitchell

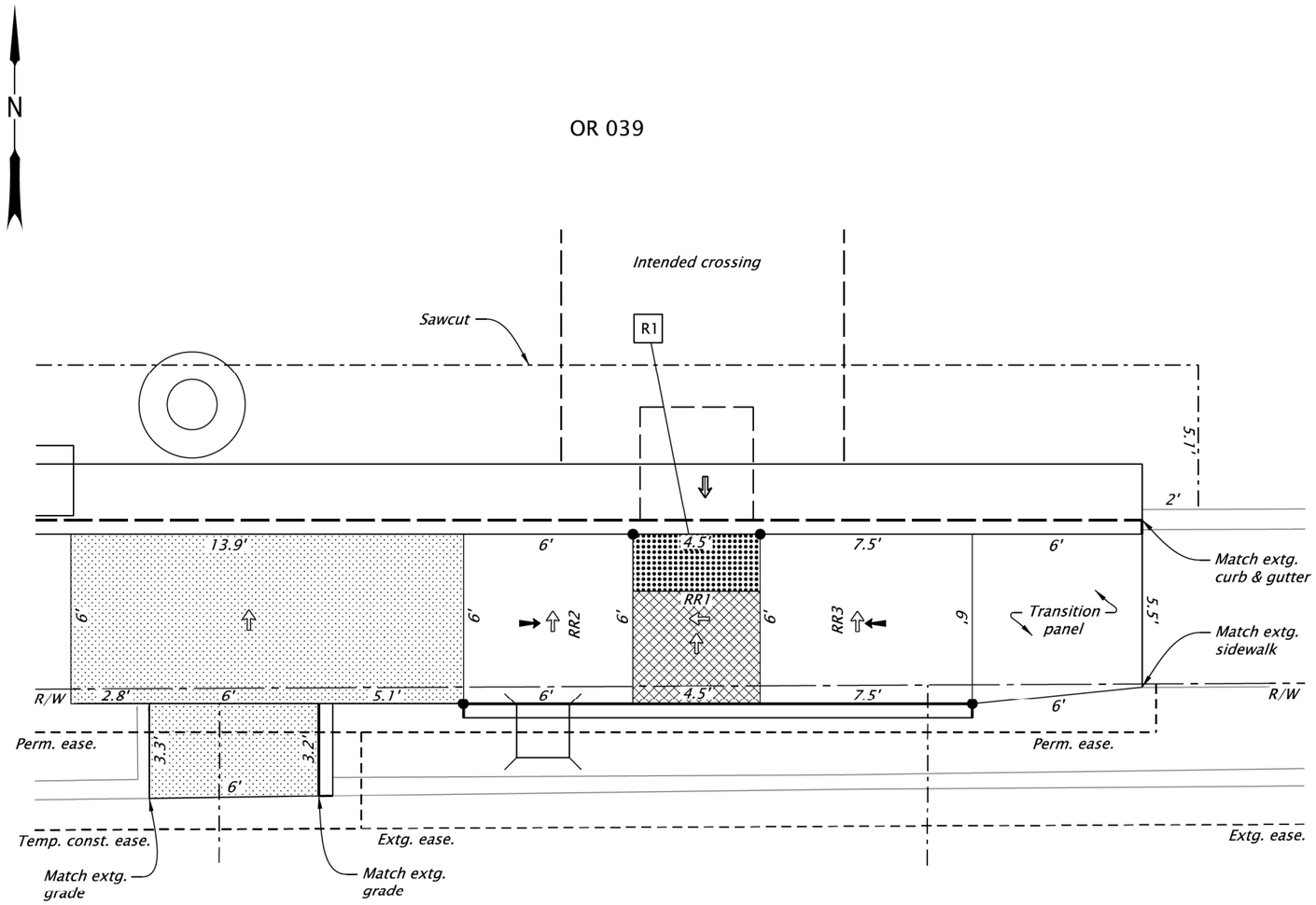
CURB RAMP DETAILS

SHEET NO. BC534

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1"=5'

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 AT HOPE ST.

ALTAMONT SITE 15 - CORNER 2

5 2.5 0 5
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039	
M.P.: 3.57	
CORNER POSITION	2
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.10.12 15:06:39-07'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

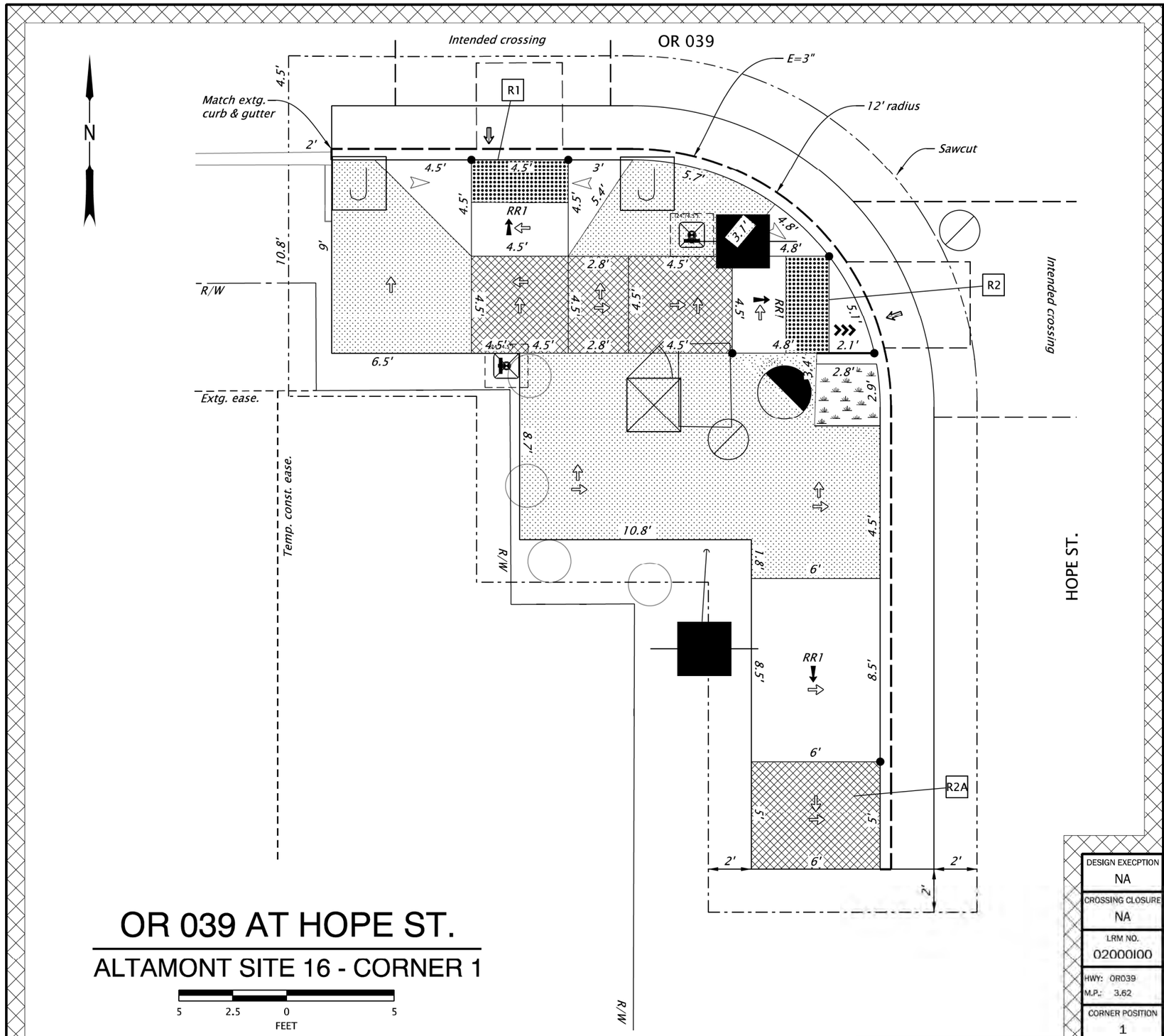
Designer: Ryan Stephens
Drafter: Serban Dinca
Reviewer: Stan Petroff
Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC535

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026



OR 039 AT HOPE ST.

ALTAMONT SITE 16 - CORNER 1

5 2.5 0 5
FEET

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x% — *Design exception component*

R# — *Ramp number*

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	OR039
M.P.:	3.62
CORNER POSITION	1
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 08:47:55-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

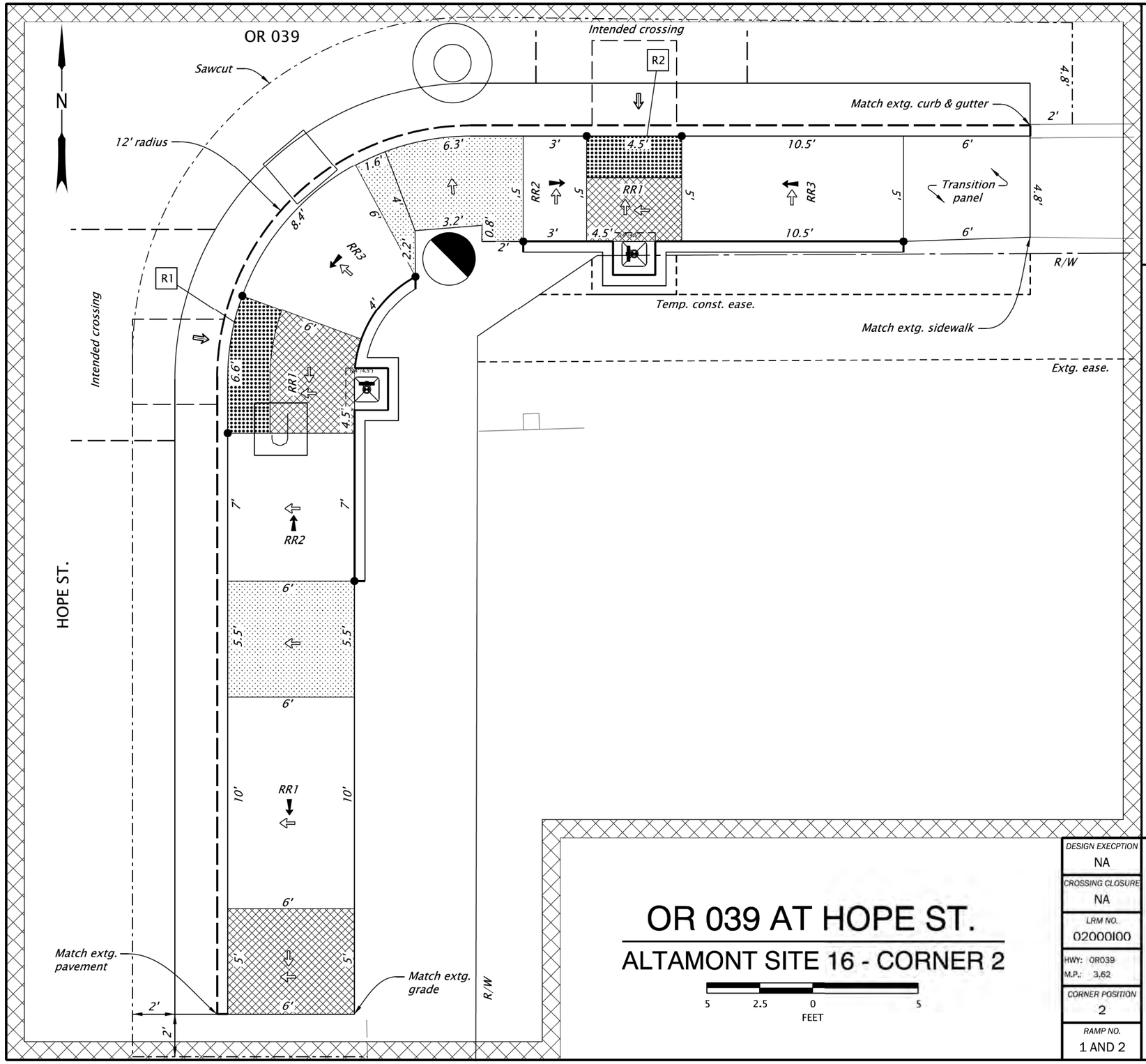
Designer: Ryan Stephens — Reviewer: Stan Petroff
Drafter: Serban Dinca — Checker: Jack Mitchell

CURB RAMP DETAILS — SHEET NO. BC536

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1"=5'

55V-026



- *Area of excess sidewalk removal*
- *Rock mulch*
- *Sawcut line*
- *Zero curb exposure*
- *DE X.X' / DE x.x%* — *Design exception component*
- *R#* — *Ramp number*

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

Right-of-Way delays or access delays (See 00180.65)

OR 039 AT HOPE ST.

ALTAMONT SITE 16 - CORNER 2

5 2.5 0 5
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 3.62	
CORNER POSITION	2
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 08:48:28-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

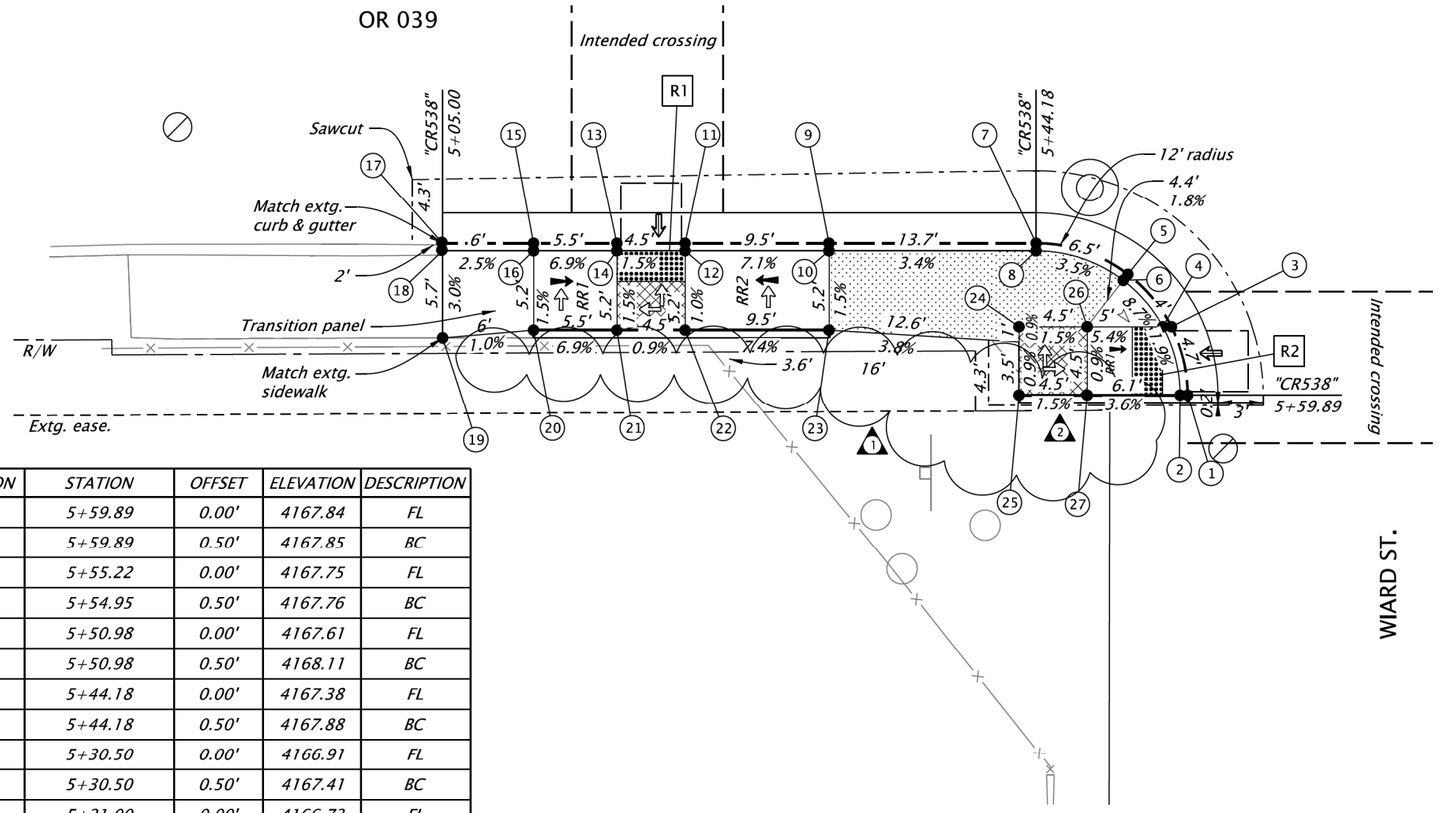
KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens — Reviewer: Stan Petroff
Drafter: Serban Dinca — Checker: Jack Mitchell

CURB RAMP DETAILS — SHEET NO. BC537

55V-026



LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	5+59.89	0.00'	4167.84	FL
2	5+59.89	0.50'	4167.85	BC
3	5+55.22	0.00'	4167.75	FL
4	5+54.95	0.50'	4167.76	BC
5	5+50.98	0.00'	4167.61	FL
6	5+50.98	0.50'	4168.11	BC
7	5+44.18	0.00'	4167.38	FL
8	5+44.18	0.50'	4167.88	BC
9	5+30.50	0.00'	4166.91	FL
10	5+30.50	0.50'	4167.41	BC
11	5+21.00	0.00'	4166.73	FL
12	5+21.00	0.50'	4166.74	BC
13	5+16.50	0.00'	4166.66	FL
14	5+16.50	0.50'	4166.67	BC
15	5+11.00	0.00'	4166.55	FL
16	5+11.00	0.50'	4167.05	BC
17	5+05.00	0.00'	4166.44	FL
18	5+05.00	0.50'	4166.90	BC
19	5+05.00	6.23'	4167.07	SW
20	5+11.00	5.70'	4167.13	SW
21	5+16.50	5.70'	4166.75	SW
22	5+21.00	5.70'	4166.79	SW
23	5+30.50	5.70'	4167.49	SW
24	5+43.04	5.50'	4167.96	SW
25	5+43.04	10.00'	4168.00	SW
26	5+50.60	4.38'	4168.03	SW
27	5+59.89	6.63'	4168.07	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb

No.	DATE	REVISIONS	BY
1	01-20-22	Removed TCE	R.A.S.
2	01-20-22	Revised curb and sawcut layout	R.A.S.
3	01-20-22	Removed R/W delays or access delays legend and note	R.A.S.

OR 039 AT WIARD ST.

ALTAMONT SITE 17 - CORNER 1

10 5 0 10
FEET

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' / DE x.x% — Design exception component

(#) — Point identifier

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	OR039
M.P.:	3.74
CORNER POSITION	1
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2022.01.20 15:01:28-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens — Reviewer: Stan Petroff
Drafter: Serban Dinca — Checker: Jack Mitchell

CURB RAMP DETAILS

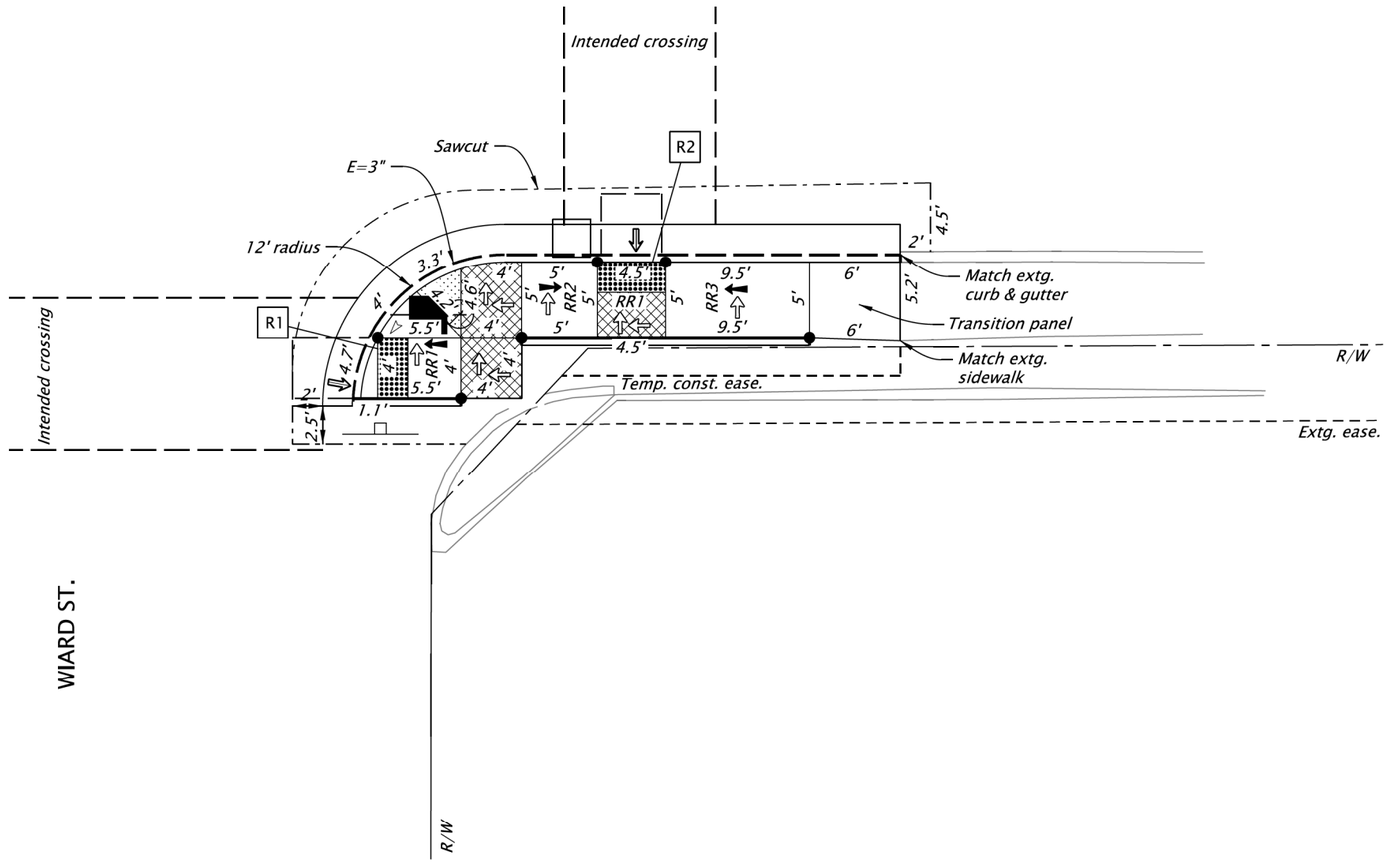
SHEET NO. BC538

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026

N

OR 039



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 AT WIARD ST.

ALTAMONT SITE 17 - CORNER 2

10 5 0 10
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.:	3.74
CORNER POSITION	2
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.10.12 15:00:03-07'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

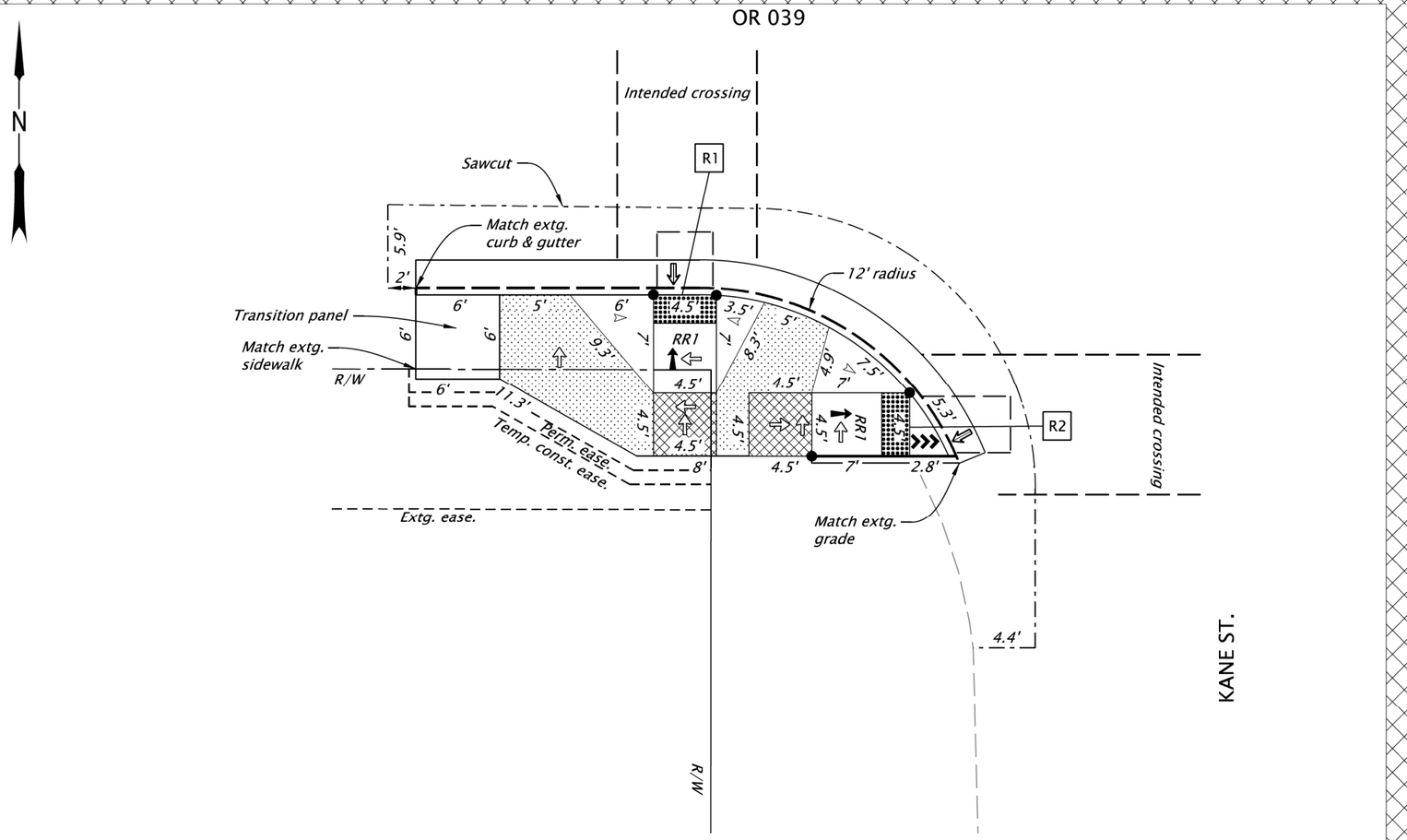
CURB RAMP DETAILS

SHEET NO. BC539

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1"=10'

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 AT KANE ST.

ALTAMONT SITE 18 - CORNER 1

10 5 0 10
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.:	3.87
CORNER POSITION	1
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.10.12 15:08:34-07'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

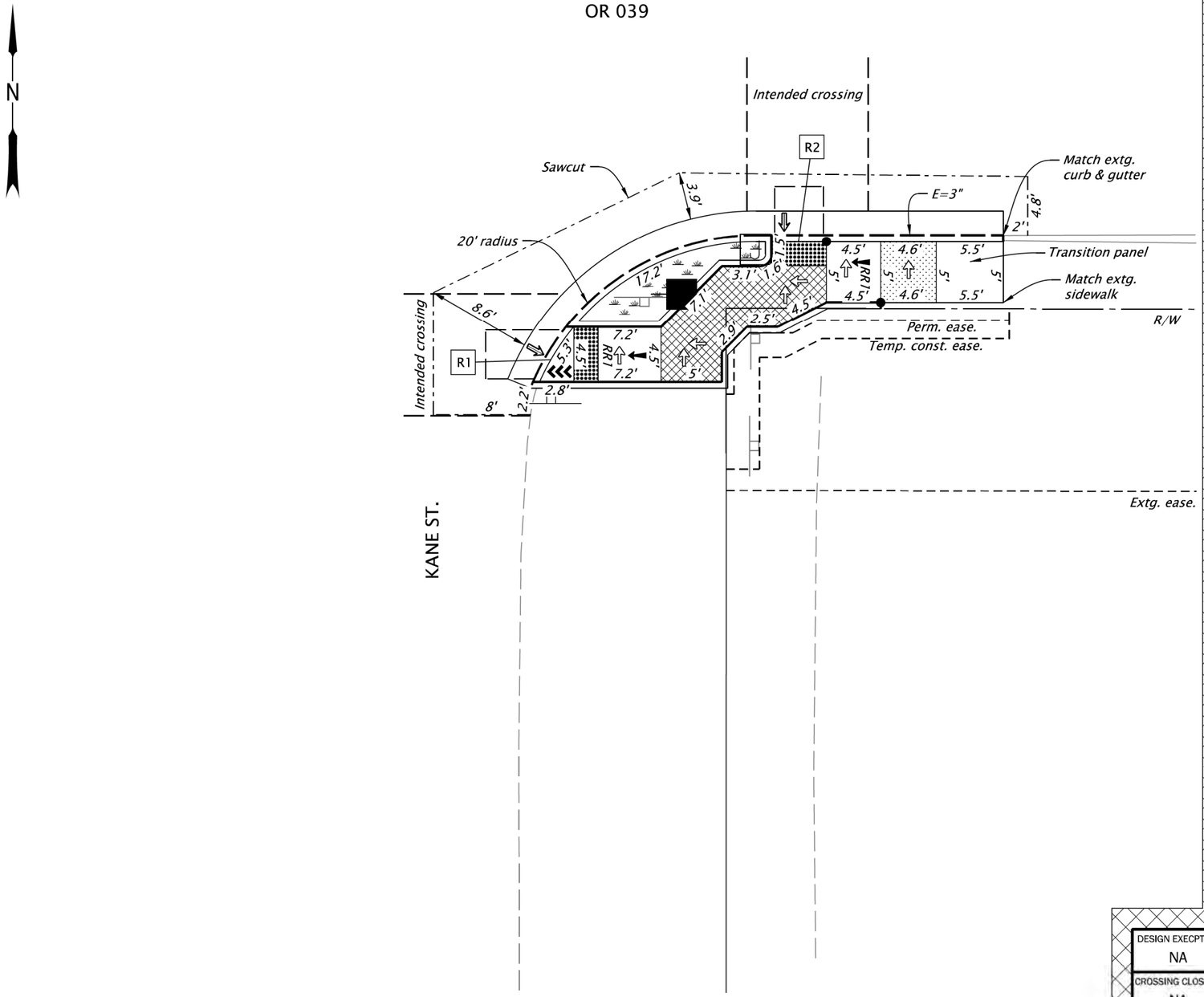
Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

CURB RAMP DETAILS SHEET NO. BC540

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1"=10'

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 AT KANE ST.

ALTAMONT SITE 18 - CORNER 2

10 5 0 10
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 3.87	
CORNER POSITION	2
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.10.12 15:09:04-07'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

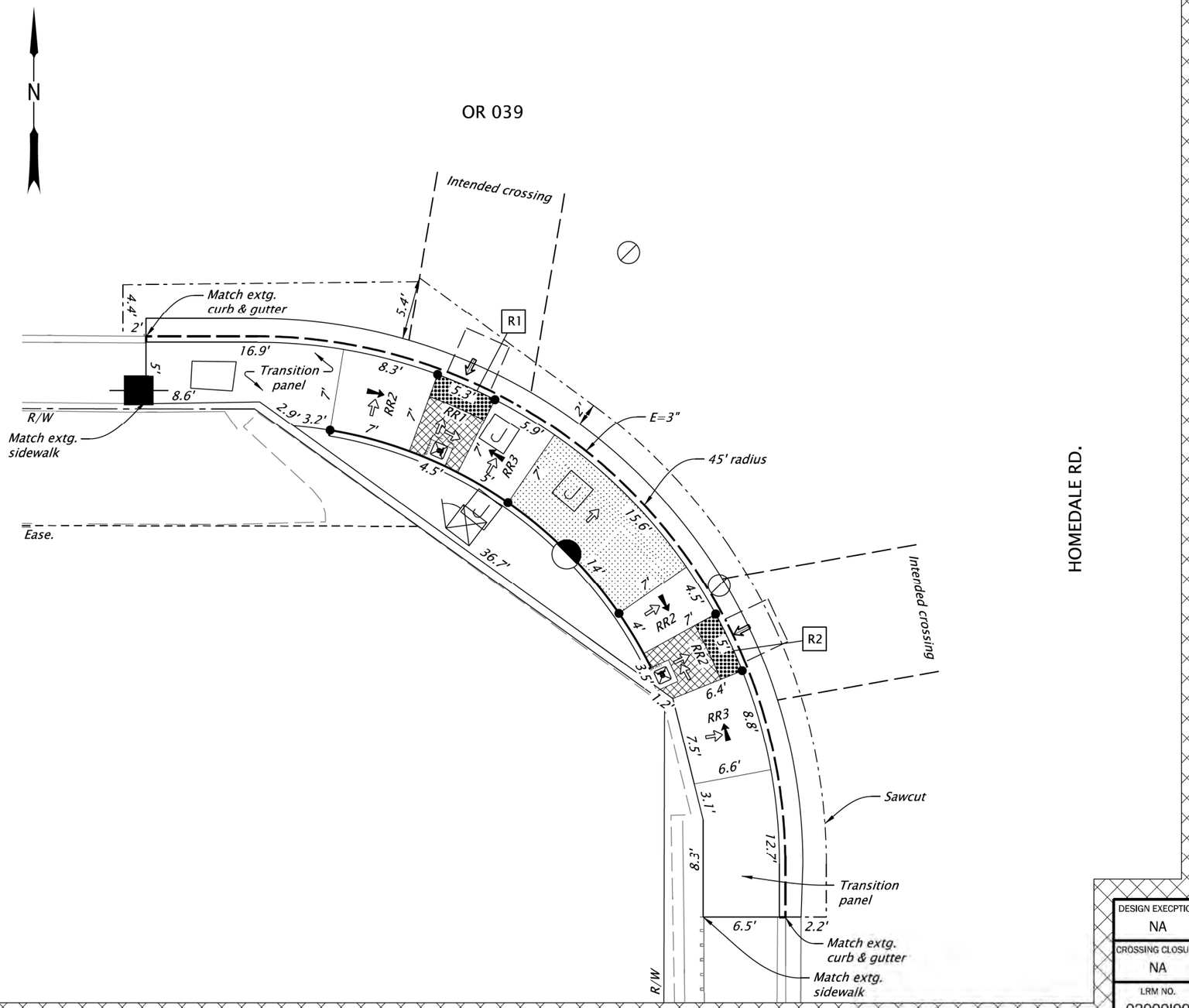
Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC541

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X' / DE x.x% — Design exception component

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 AT HOMEDALE RD.

ALTAMONT SITE 19 - CORNER 1

10 5 0 10
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	OR039
M.P.:	4.00
CORNER POSITION	1
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:11:29-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

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OREGON DEPARTMENT OF TRANSPORTATION

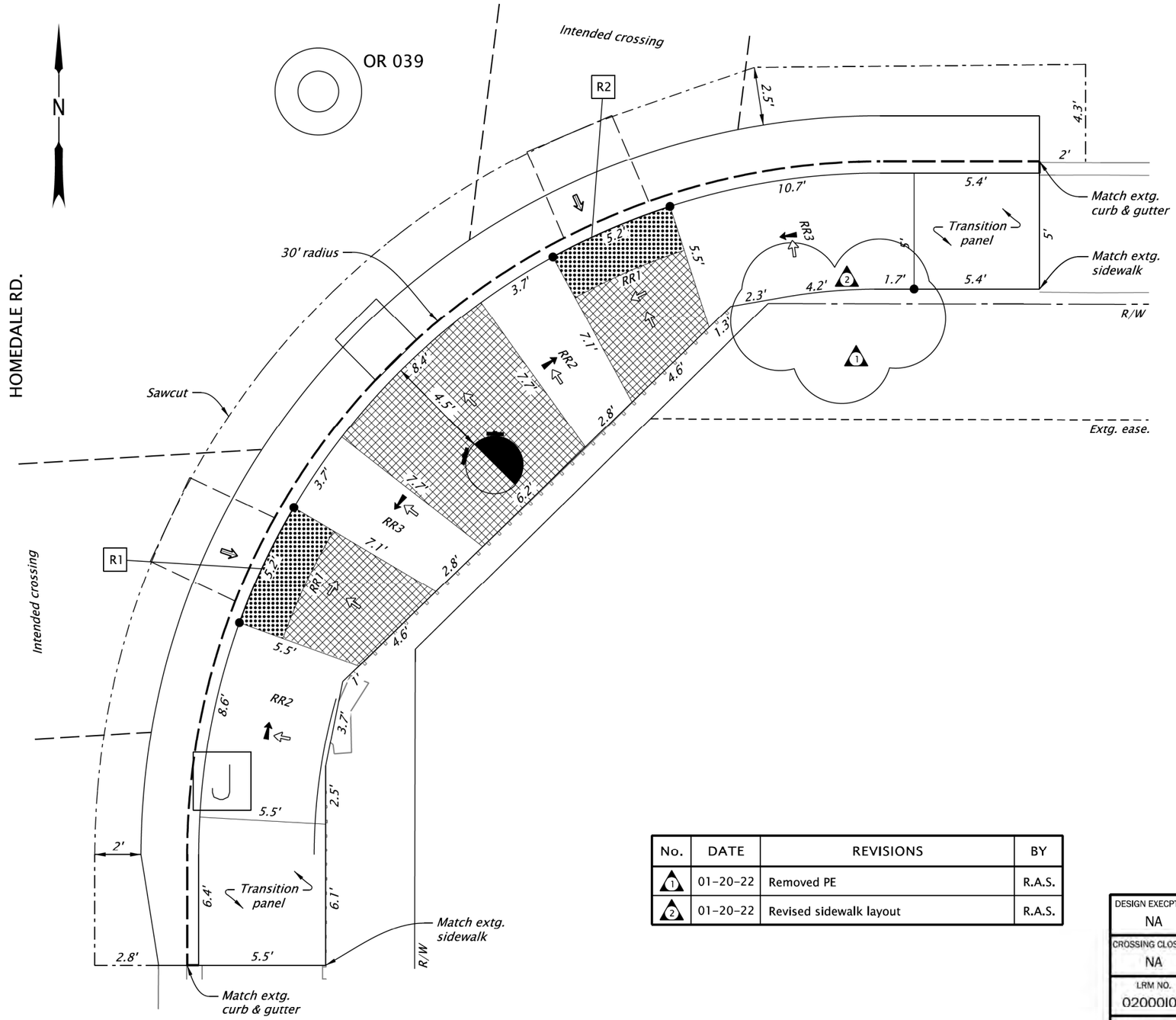
KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAY
VARIOUS COUNTIES

Designer: Ryan Stephens — Reviewer: Stan Petroff
Drafter: Serban Dinca — Checker: Jack Mitchell

CURB RAMP DETAILS — SHEET NO. BC542

55V-026



Area of excess sidewalk removal
Rock mulch
Sawcut line
Zero curb exposure
DE X.X' / DE x.x% — Design exception component
R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

No.	DATE	REVISIONS	BY
1	01-20-22	Removed PE	R.A.S.
2	01-20-22	Revised sidewalk layout	R.A.S.

OR 039 AT HOMEDALE RD.

ALTAMONT SITE 19 - CORNER 2

5 2.5 0 5 FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.:	4.00
CORNER POSITION	2
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2022.01.20 15:08:02-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

ADA CURB RAMP PILOT PROGRAM PROJECT

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

CURB RAMP DETAILS SHEET NO. BC543

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

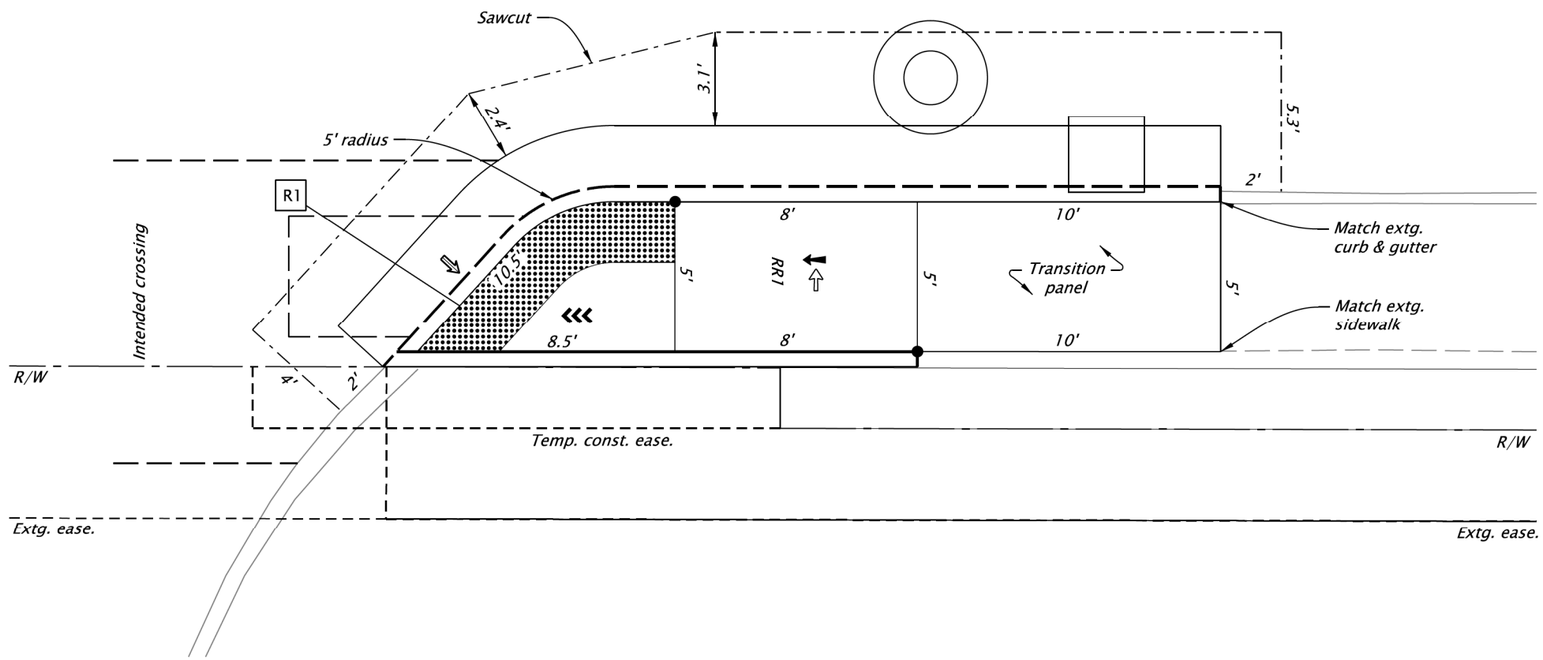
Rotation: 0° Scale: 1"=5'

BC543_ALTAMONT - Site 19 - OR 39 @ Homedale Dr - Cor. 2 :: Default 1/20/2022 3:07:33 PM rstephens

55V-026

N

OR 039



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 ENTRANCE TO ALBERTSONS

ALTAMONT SITE 20 - CORNER 2

5 2.5 0 5
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 4.05	
CORNER POSITION	2
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.10.12 15:09:33-07'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

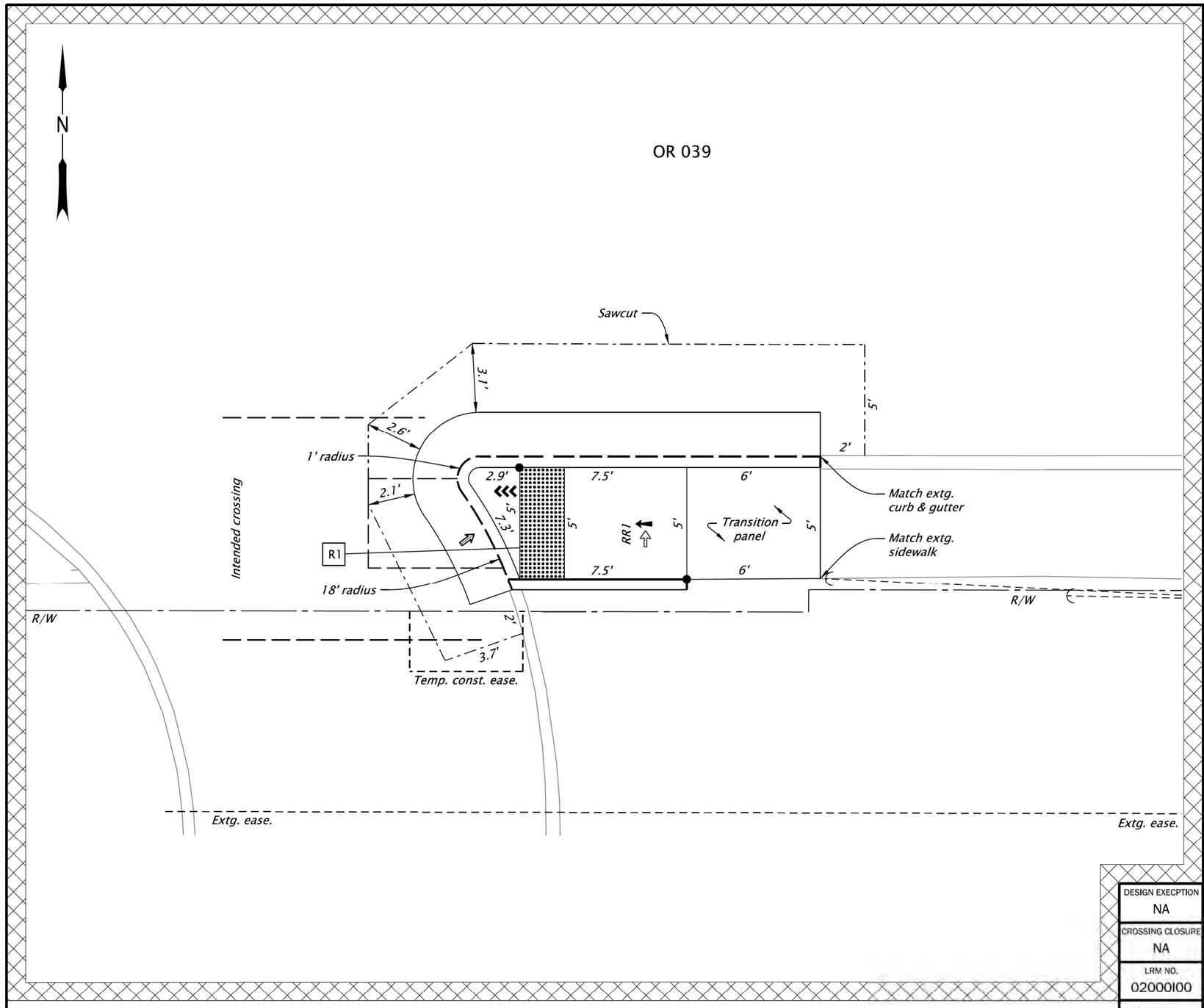
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens
Drafter: Serban Dinca
Reviewer: Stan Petroff
Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC544

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 ENTRANCE TO VACANT LOT

ALTAMONT SITE 21 - CORNER 2

5 2.5 0 5
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 4.22	
CORNER POSITION	2
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.10.12 15:10:07-07'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

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KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

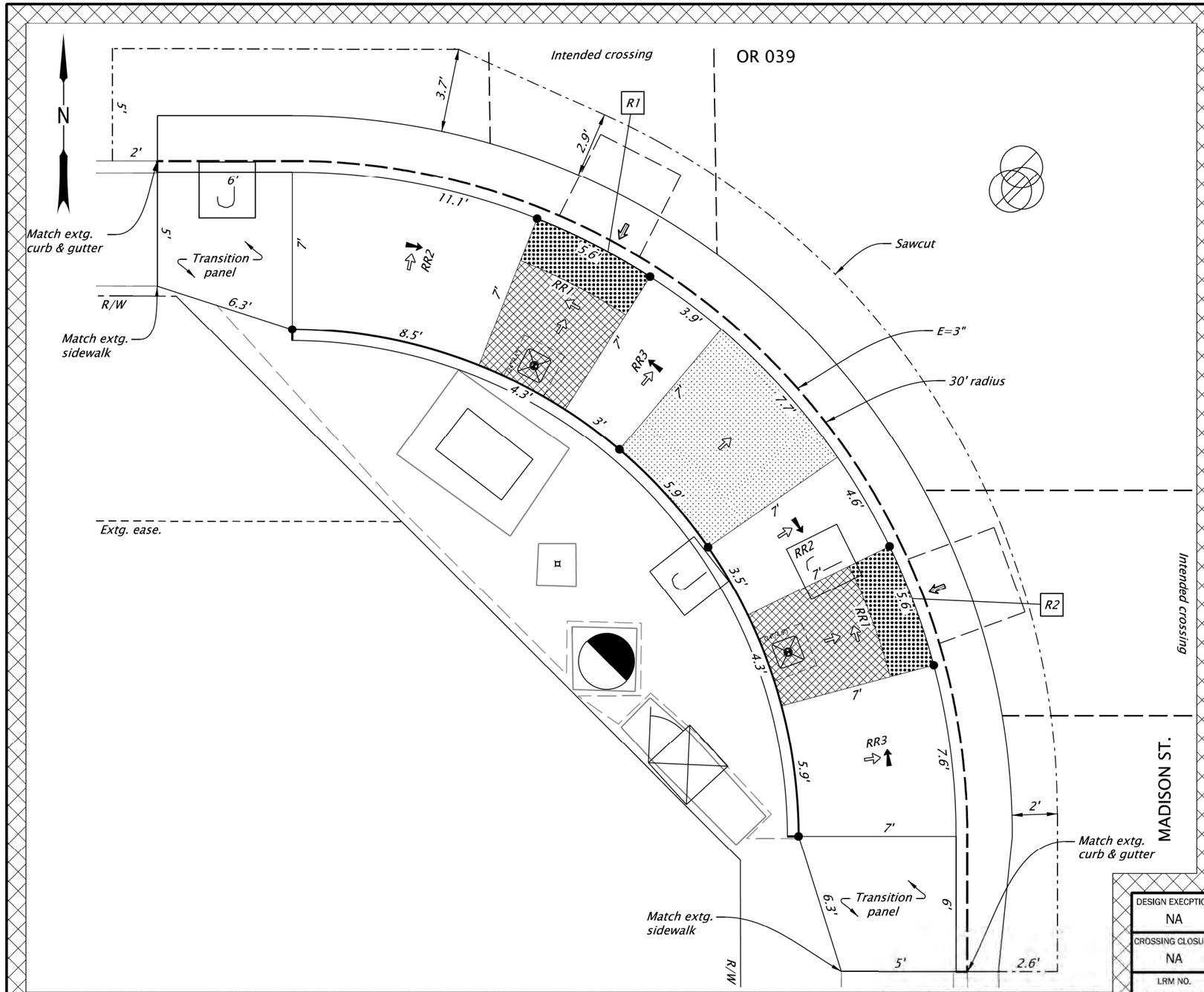
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC545

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X' / DE x.x% — Design exception component

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 AT MADISON ST.

ALTAMONT SITE 22 - CORNER 1

5 2.5 0 5 FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	OR039
M.P.:	4.25
CORNER POSITION	1
RAMP NO.	AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:13:42-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

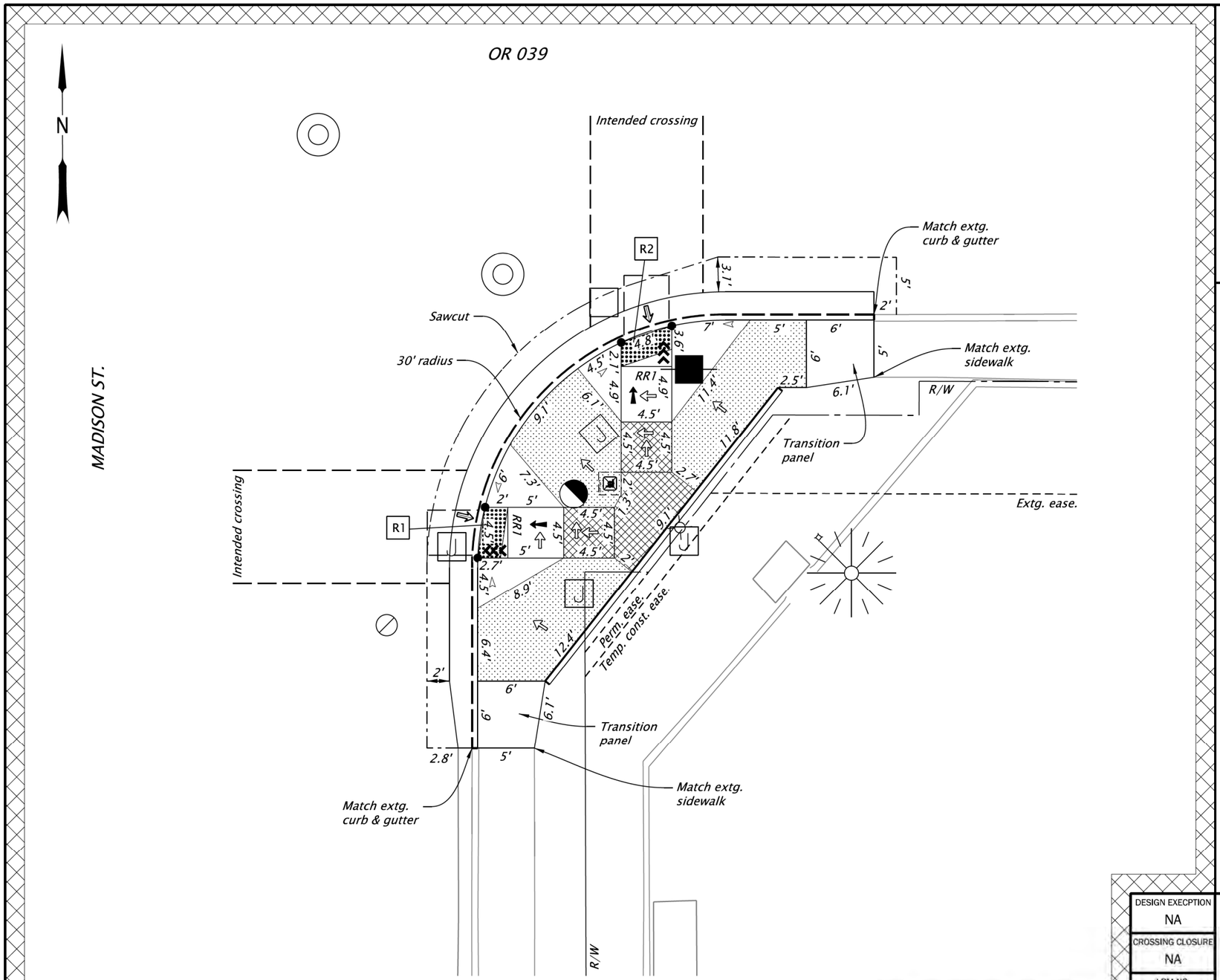
Designer: Ryan Stephens
Drafter: Serban Dinca
Reviewer: Stan Petroff
Checker: Jack Mitchell

CURB RAMP DETAILS

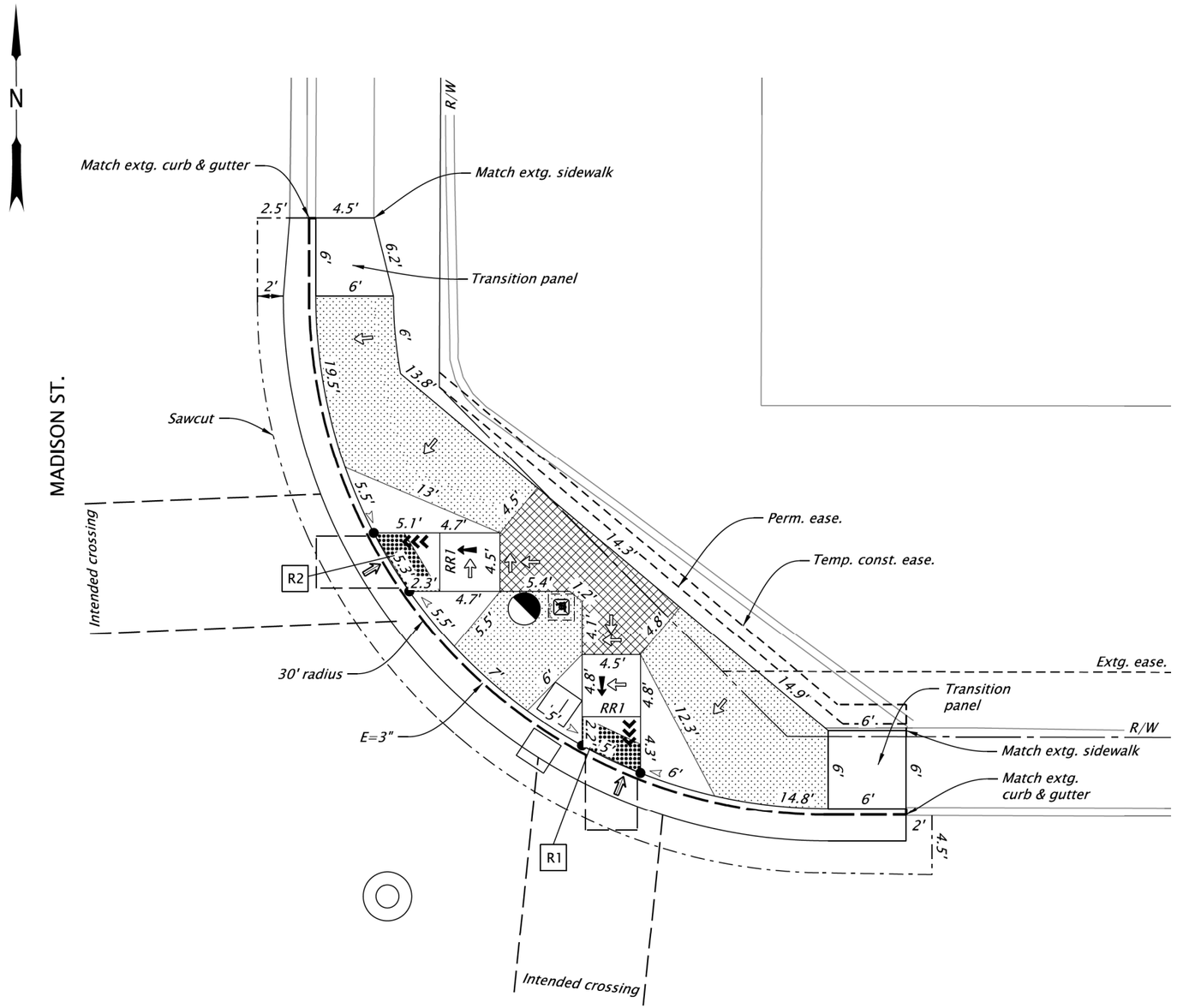
SHEET NO. BC546

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026


OR 039
N
MADISON ST.
Intended crossing
Intended crossing
R2
R1
RR1
RR1
Match extg. curb & gutter
Match extg. sidewalk
Sawcut
30' radius
Transition panel
Transition panel
R/W
Extg. ease.
Perm. ease.
Temp. const. ease.
Match extg. curb & gutter
Match extg. sidewalk
R/W
3.1'
5'
2'
7'
5'
6'
6'
5'
3.6'
4.8'
2.1'
4.5'
4.9'
6.1'
9.1'
11.4'
2.5'
6.1'
118'
4.5'
4.5'
4.5

55V-026



OR 039

OR 039 AT MADISON ST.

ALTAMONT SITE 22 - CORNER 3

10 5 0 10
FEET

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	OR039
M.P.:	4.25
CORNER POSITION	3
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.10.14 14:24:30-07'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

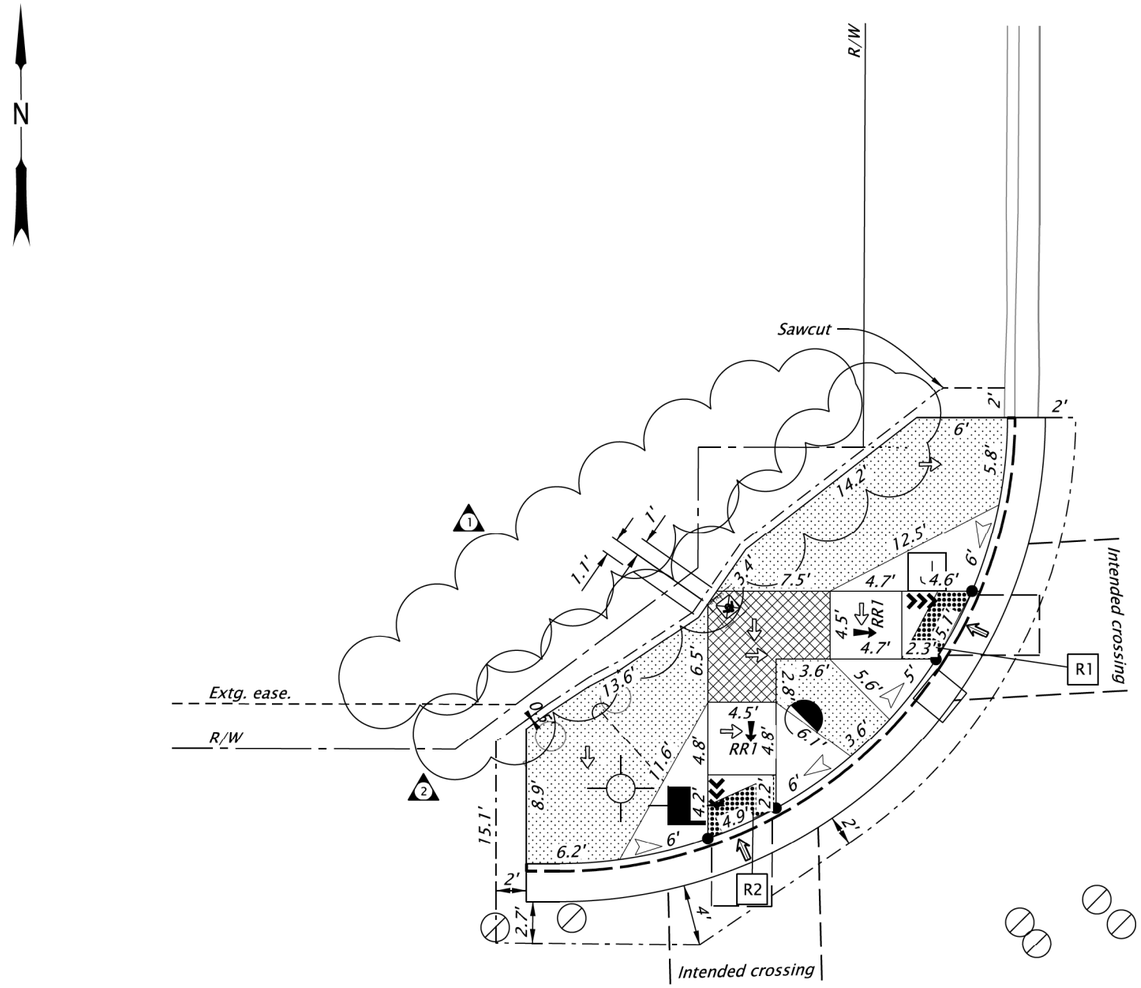
Designer: Ryan Stephens
Drafter: Serban Dinca
Reviewer: Stan Petroff
Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC548

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026



No.	DATE	REVISIONS	BY
1	01-20-22	Removed TCE	R.A.S.
2	01-20-22	Revised sawcut	R.A.S.

OR 039

OR 039 AT MADISON ST.

ALTAMONT SITE 22 - CORNER 4

10 5 0 10
FEET

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x% — *Design exception component*

R# — *Ramp number*

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	OR039
M.P.:	4.25
CORNER POSITION	4
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2022.01.20 15:14:00-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

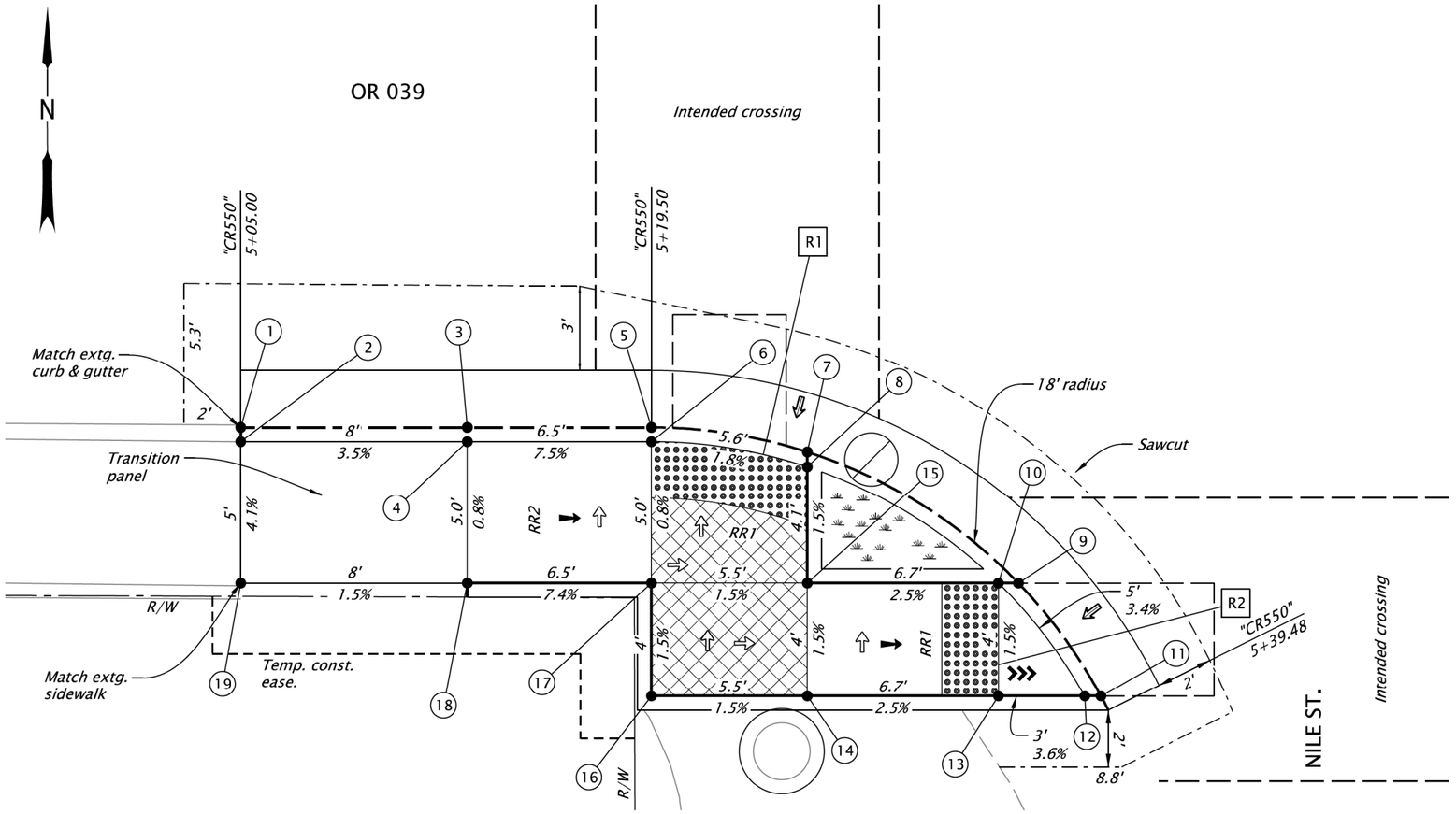
Designer: Ryan Stephens
Reviewer: Stan Petroff
Drafter: Serban Dinca
Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC549

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026



LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	5+05.00	0.00'	4185.38	FL
2	5+05.00	0.50'	4185.70	BC
3	5+13.00	0.00'	4185.48	FL
4	5+13.00	0.50'	4185.98	BC
5	5+19.50	0.00'	4185.50	FL
6	5+19.50	0.50'	4185.51	BC
7	5+25.09	0.00'	4185.39	FL
8	5+25.25	0.50'	4185.40	BC
9	5+33.96	0.00'	4185.28	FL
10	5+33.45	0.50'	4184.29	BC

FL = Flow line
SW = Sidewalk
BC = Back of curb

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
11	5+38.92	0.00'	4185.11	FL
12	5+38.65	0.50'	4185.12	BC
13	5+36.85	3.09'	4185.23	SW
14	5+29.84	7.88'	4185.40	SW
15	5+26.96	4.34'	4185.46	SW
16	5+19.50	9.50'	4185.48	SW
17	5+19.50	5.50'	4185.54	SW
18	5+13.00	5.50'	4186.02	SW
19	5+05.00	5.50'	4185.90	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb

OR 039 AT NILE ST.

ALTAMONT SITE 23 - CORNER 1

5 2.5 0 5
FEET

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' / DE x.x% — Design exception component

(#) — Point identifier

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 4.33	
CORNER POSITION	1
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.10.21 11:01:37-07'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

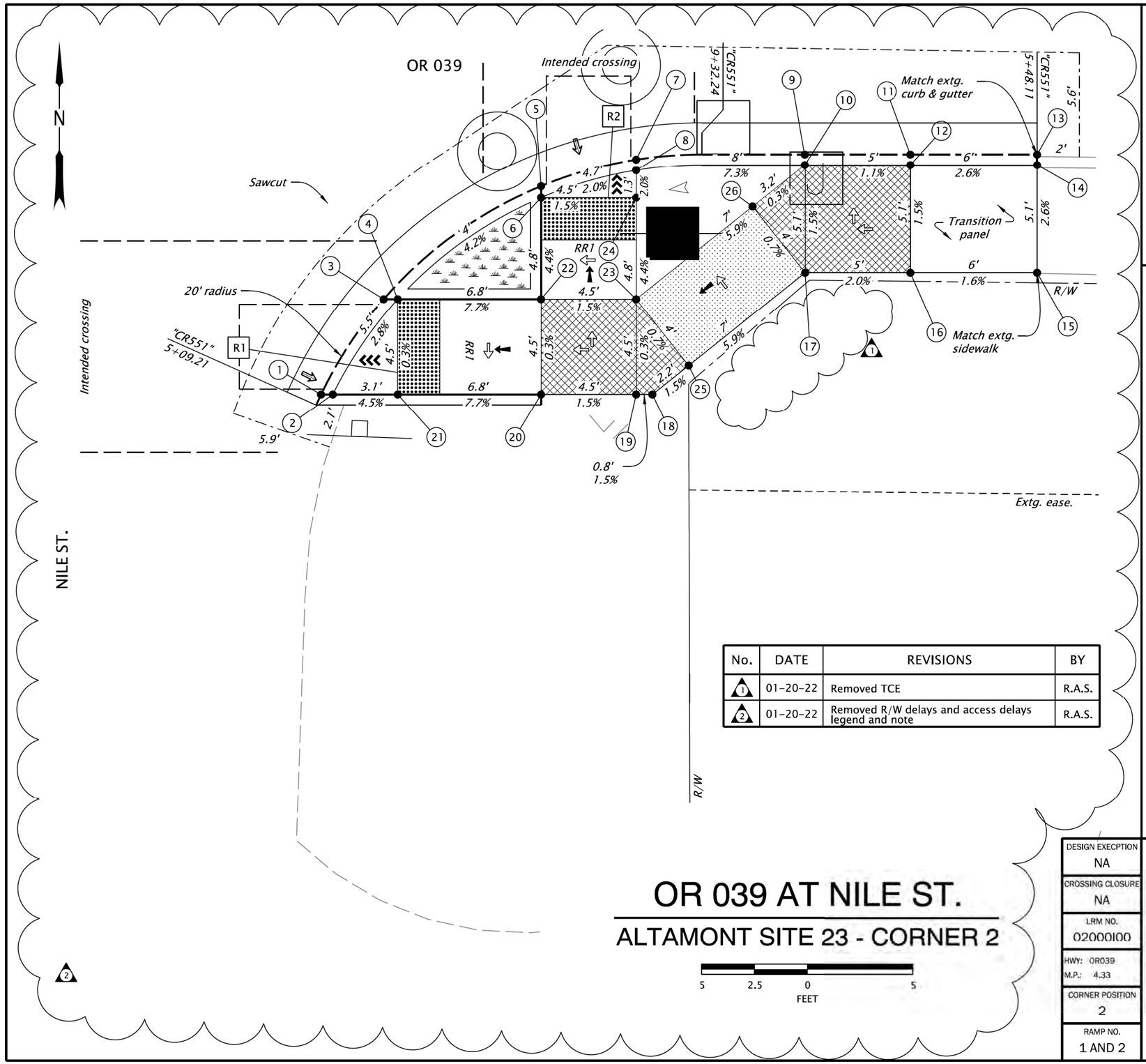
Designer: Ryan Stephens — Reviewer: Stan Petroff
Drafter: Serban Dinca — Checker: Jack Mitchell

CURB RAMP DETAILS — SHEET NO. BC550

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1"=5'

55V-026



No.	DATE	REVISIONS	BY
1	01-20-22	Removed TCE	R.A.S.
2	01-20-22	Removed R/W delays and access delays legend and note	R.A.S.

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' DE x.x% — Design exception component

— Point identifier

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

OR 039 AT NILE ST.

ALTAMONT SITE 23 - CORNER 2

5 2.5 0 5
FEET

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	OR039
M.P.:	4.33
CORNER POSITION	2
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2022.01.20 15:26:30-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens — Reviewer: Stan Petroff
Drafter: Serban Dinca — Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC551

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1"=5'

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	5+09.76	0.00'	4185.46	FL
2	5+10.01	0.50'	4185.47	BC
3	5+15.17	0.00'	4185.62	FL
4	5+15.62	0.50'	4185.63	BC
5	5+24.43	0.00'	4185.92	FL
6	5+24.21	0.50'	4185.93	BC
7	5+29.11	0.00'	4186.02	FL
8	5+29.03	0.50'	4186.03	BC
9	5+37.11	0.00'	4186.11	FL
10	5+37.11	0.50'	4186.61	BC
11	5+42.11	0.00'	4186.17	FL
12	5+42.11	0.50'	4186.67	BC
13	5+48.11	0.00'	4186.23	FL
14	5+48.11	0.50'	4186.51	BC
15	5+48.11	5.60'	4186.65	SW
16	5+42.11	5.60'	4186.75	SW
17	5+37.13	5.60'	4186.65	SW
18	5+26.94	11.04'	4186.21	SW
19	5+25.32	10.81'	4186.20	SW
20	5+17.80	8.48'	4186.13	SW
21	5+11.64	3.20'	4185.61	SW
22	5+21.74	4.81'	4186.15	SW
23	5+27.58	6.49'	4186.21	SW
24	5+28.80	1.78'	4186.00	SW
25	5+30.99	9.96'	4186.24	SW
26	5+34.63	2.47'	4186.62	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb

OR 039 AT NILE ST.

ALTAMONT SITE 23 - CORNER 2

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 4.33	
CORNER POSITION	2
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:14:44-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

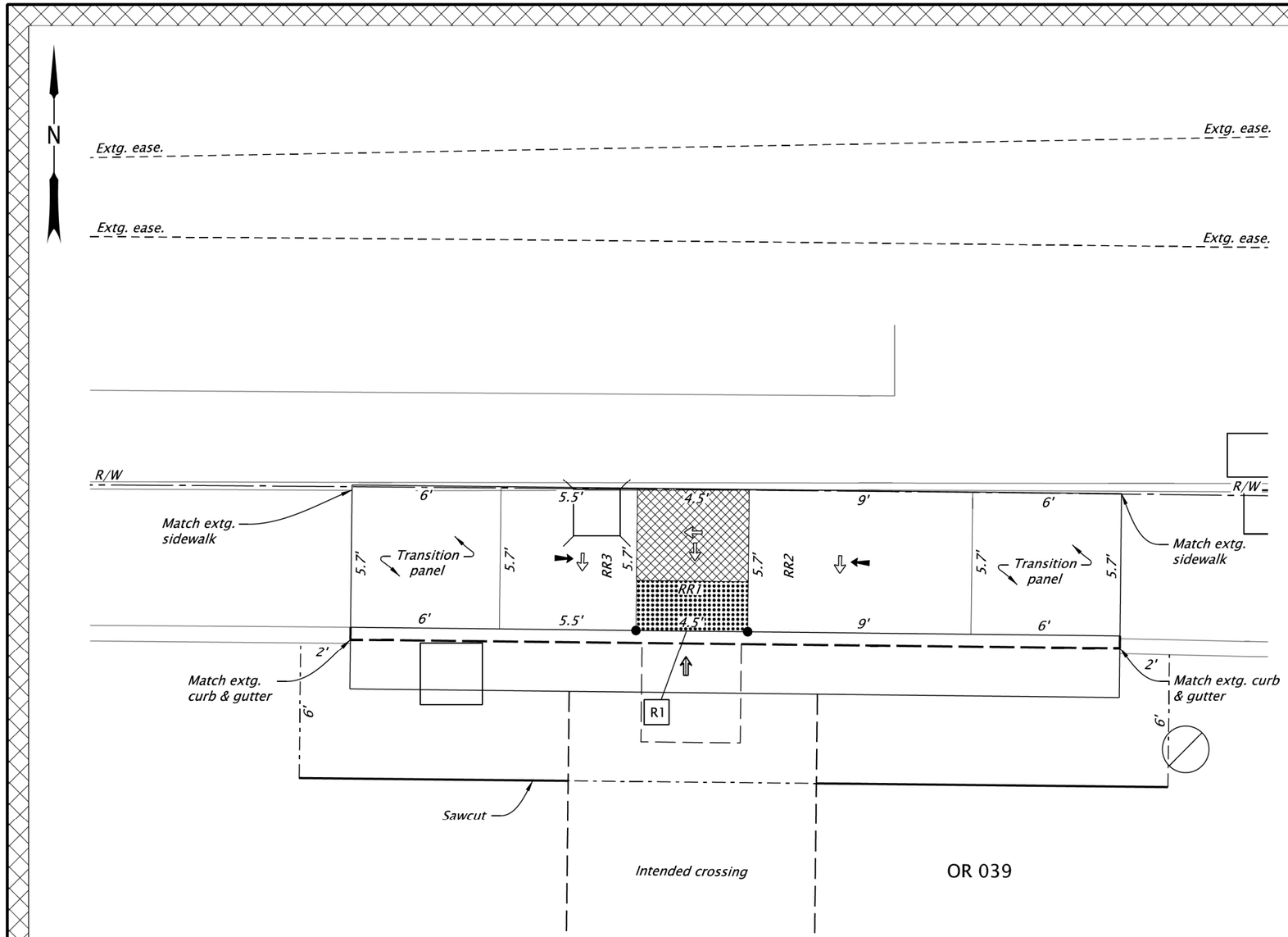
Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC551A

Rotation: 0° Scale: 1"=5'

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 AT NILE ST.

ALTAMONT SITE 23 - CORNER 3

5 2.5 0 5
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	OR039
M.P.:	4.33
CORNER POSITION	3
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.10.12 15:14:15-07'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

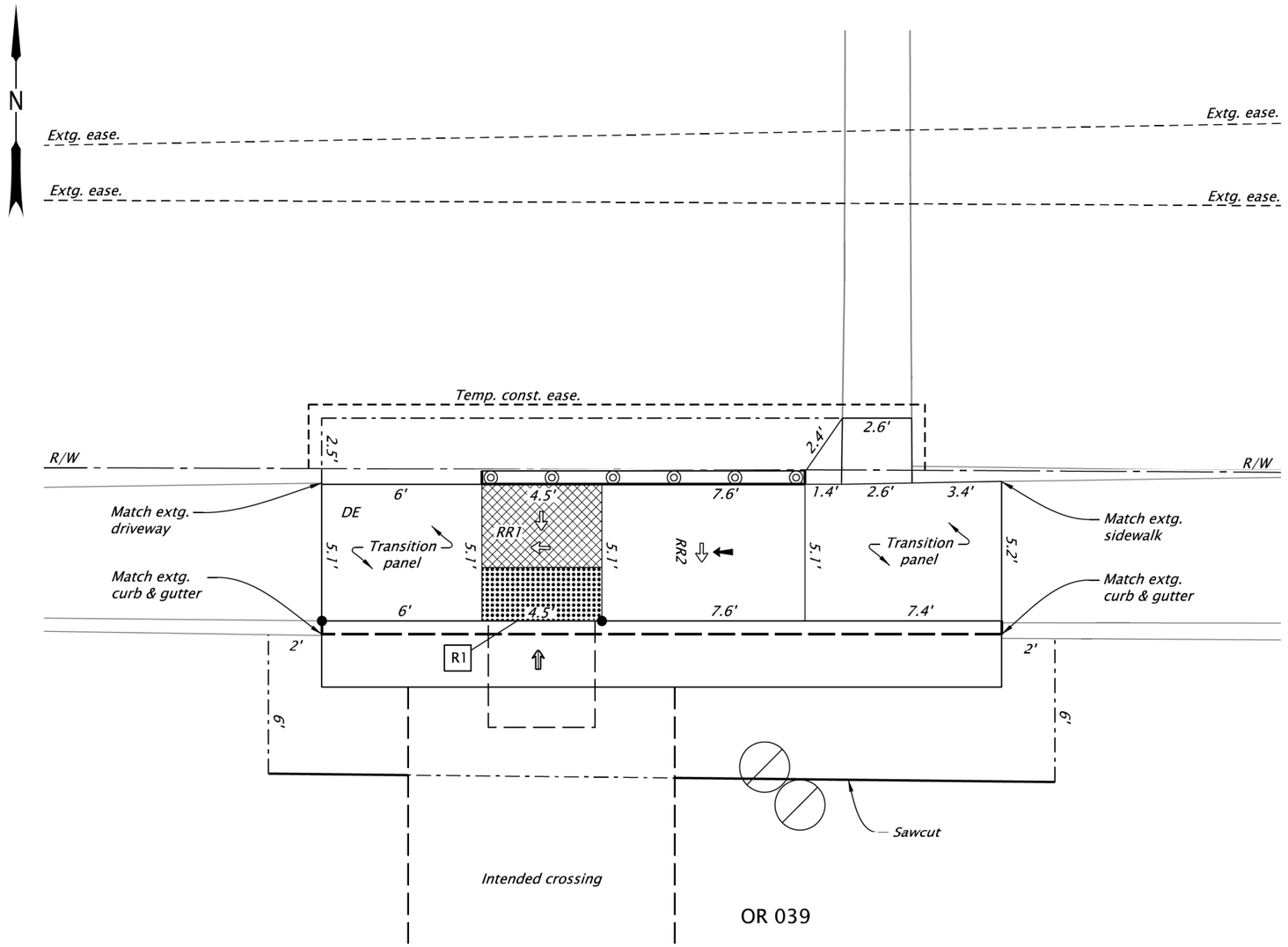
CURB RAMP DETAILS

SHEET NO. BC552

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1"=5'

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 AT NILE ST.

ALTAMONT SITE 23 - CORNER 4

5 2.5 0 5
FEET

DESIGN EXECPTION	22209-03
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.:	4.33
CORNER POSITION	4
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.10.14 16:12:27-07'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens
Drafter: Serban Dinca
Reviewer: Stan Petroff
Checker: Jack Mitchell

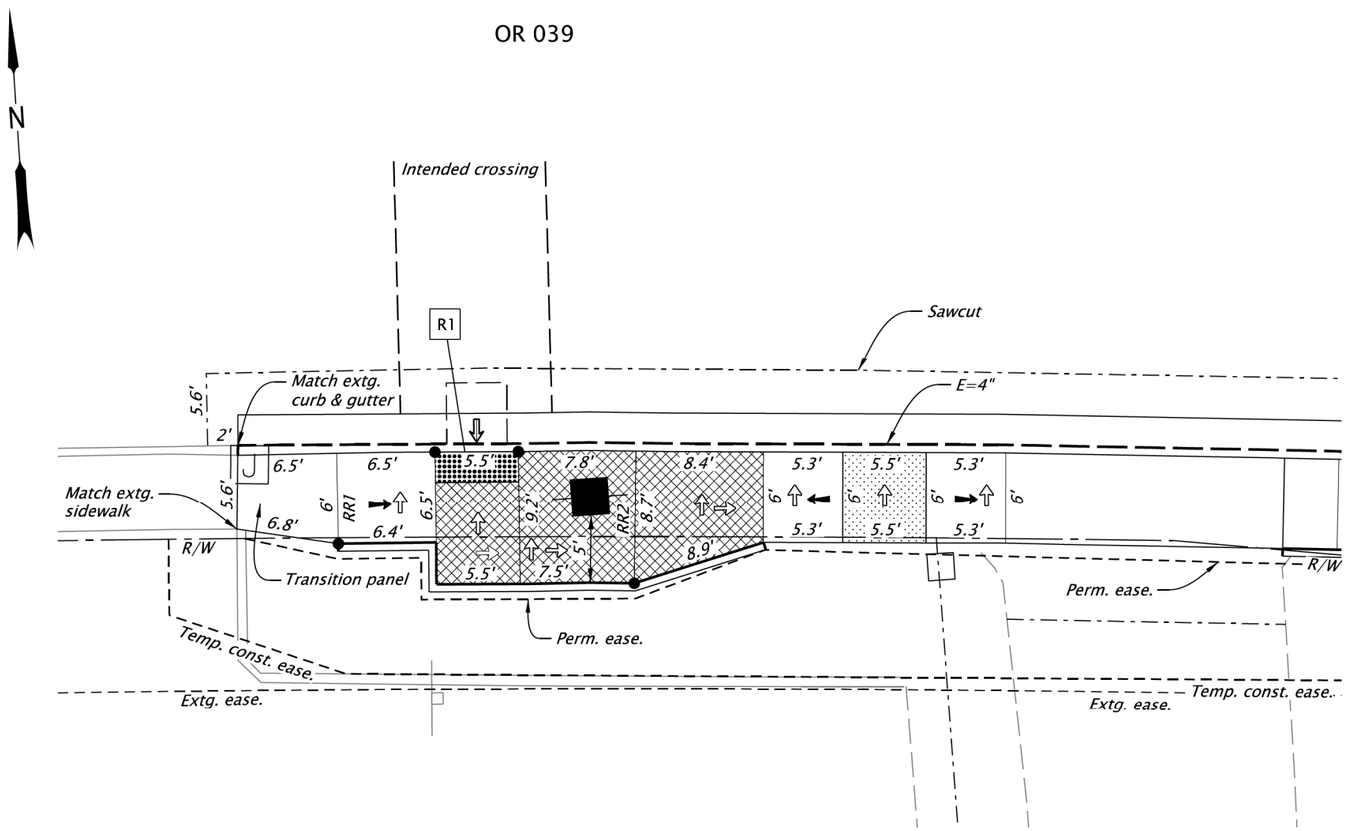
CURB RAMP DETAILS

SHEET NO. BC553

Rotation: 0° Scale: 1"=5'

55V-026

OR 039



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 AT OGDEN ST.

ALTAMONT SITE 24 - CORNER 1

10 5 0 10
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 4.38	
CORNER POSITION	1
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.10.12 15:15:20-07'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens
Reviewer: Stan Petroff
Drafter: Serban Dinca
Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC554

Rotation: 356.1354° Scale: 1"=10'

55V-026

Area of excess sidewalk removal

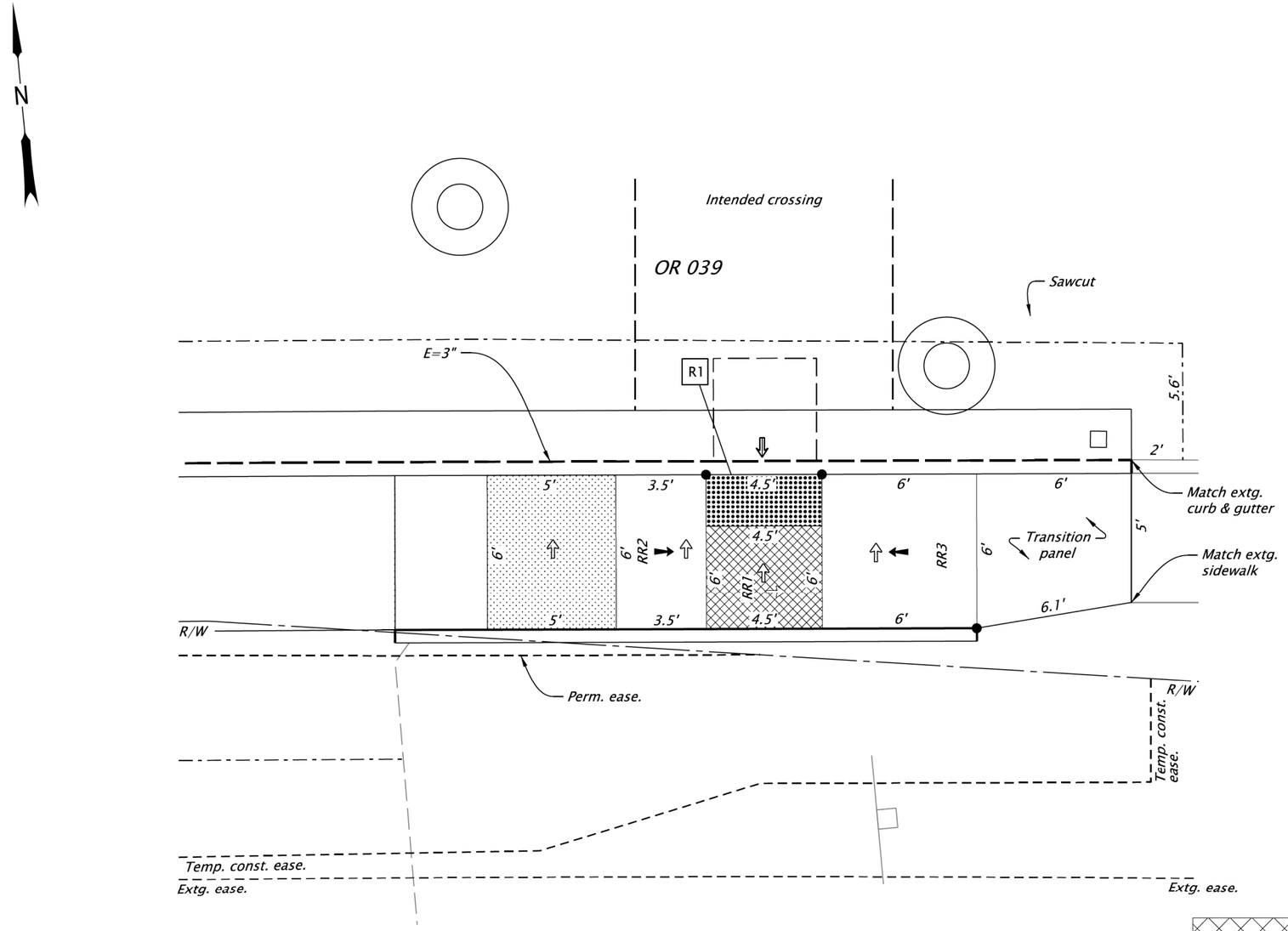
Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number



CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 AT OGDEN ST.

ALTAMONT SITE 24 - CORNER 2

5 2.5 0 5
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 4.38	
CORNER POSITION	2
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.10.12 15:15:49-07'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

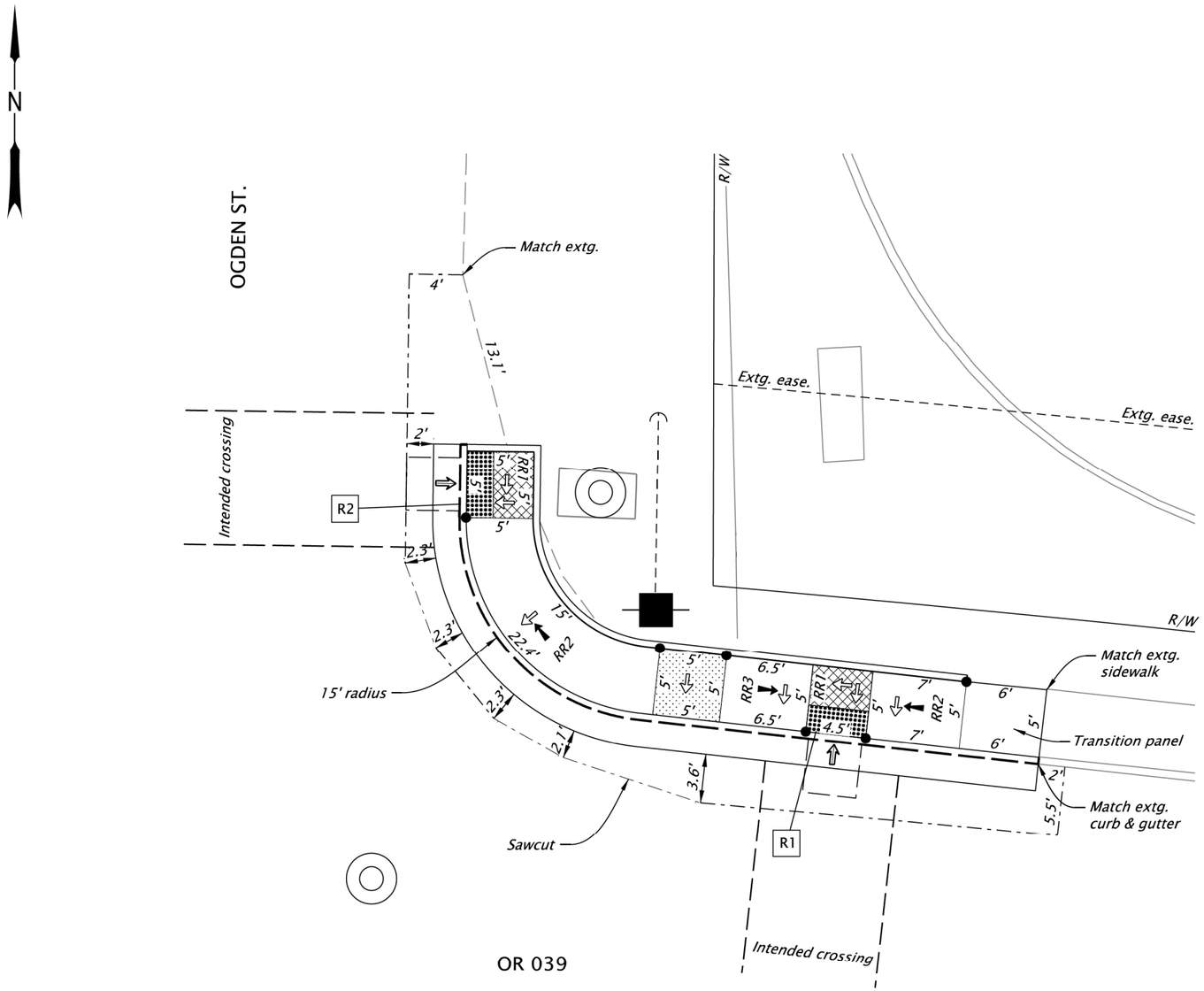
CURB RAMP DETAILS

SHEET NO. BC555

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 354.7386° Scale: 1"=5'

55V-026



OR 039 AT OGDEN ST.

ALTAMONT SITE 24 - CORNER 3

10 5 0 10
FEET

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x% — *Design exception component*

R# — *Ramp number*

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	OR039
M.P.:	4.38
CORNER POSITION	3
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.05 10:23:30-07'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

ADA CURB RAMP PILOT PROGRAM PROJECT

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

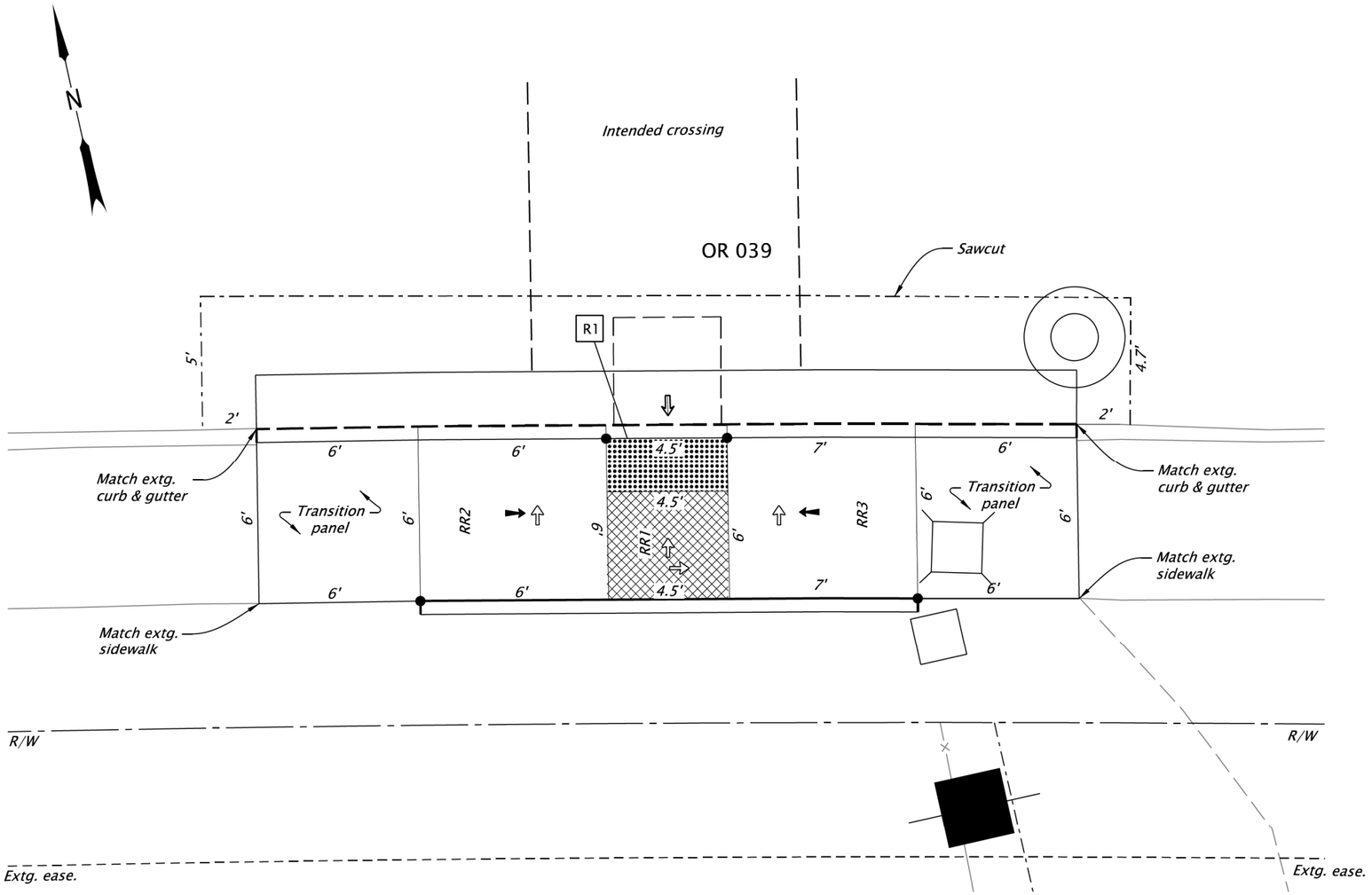
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens — Reviewer: Stan Petroff
Drafter: Serban Dinca — Checker: Jack Mitchell

CURB RAMP DETAILS — SHEET NO. BC556

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

OR 039 AT SIMMERS AVE.

ALTAMONT SITE 25 - CORNER 1

5 2.5 0 5
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 4.44	
CORNER POSITION	1
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:15:55-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

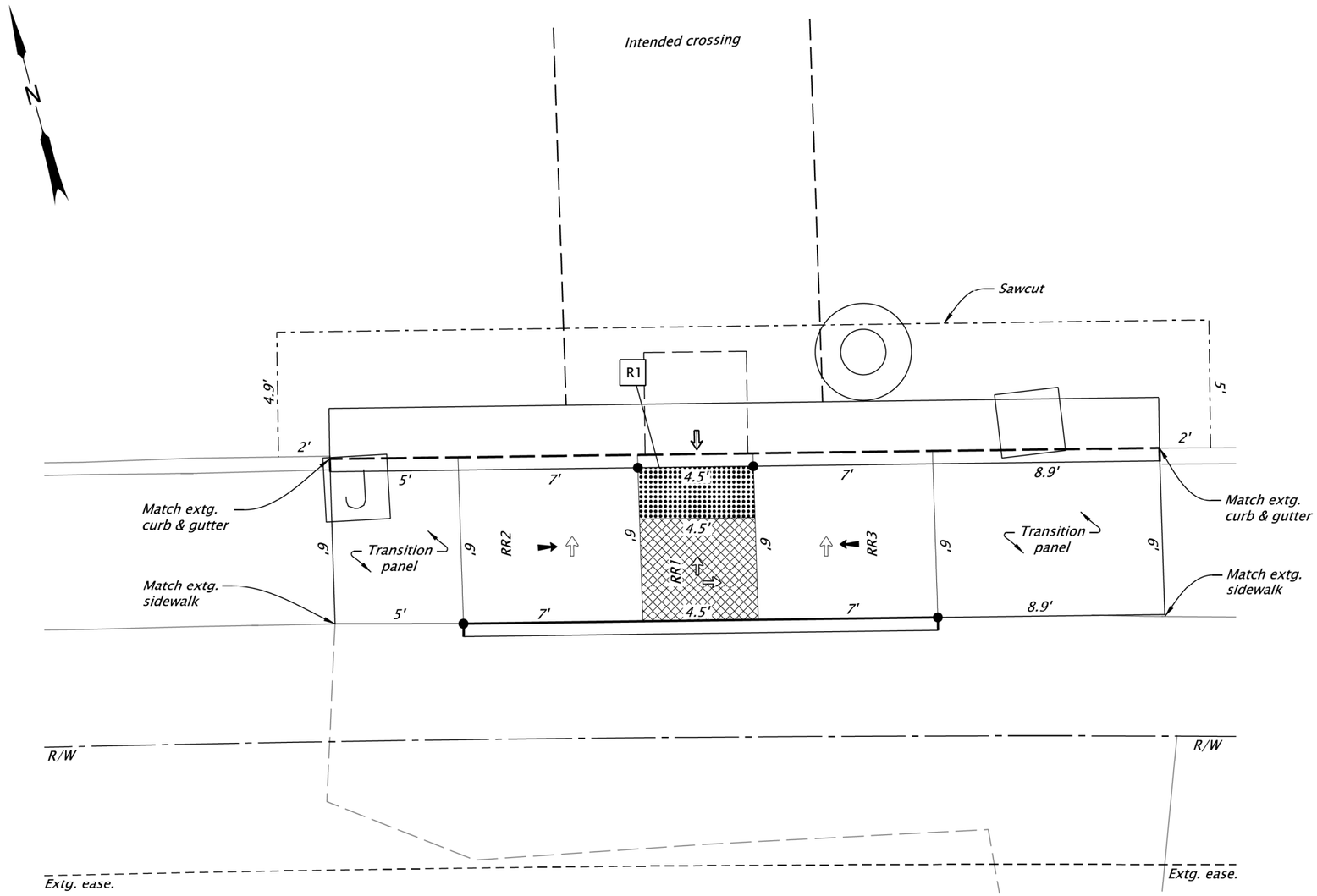
CURB RAMP DETAILS

SHEET NO. BC557

Rotation: 347.3865° Scale: 1"=5'

55V-026

OR 039



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

OR 039 AT SIMMERS AVE.

ALTAMONT SITE 25 - CORNER 2

5 2.5 0 5
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 4.44	
CORNER POSITION	2
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:16:29-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

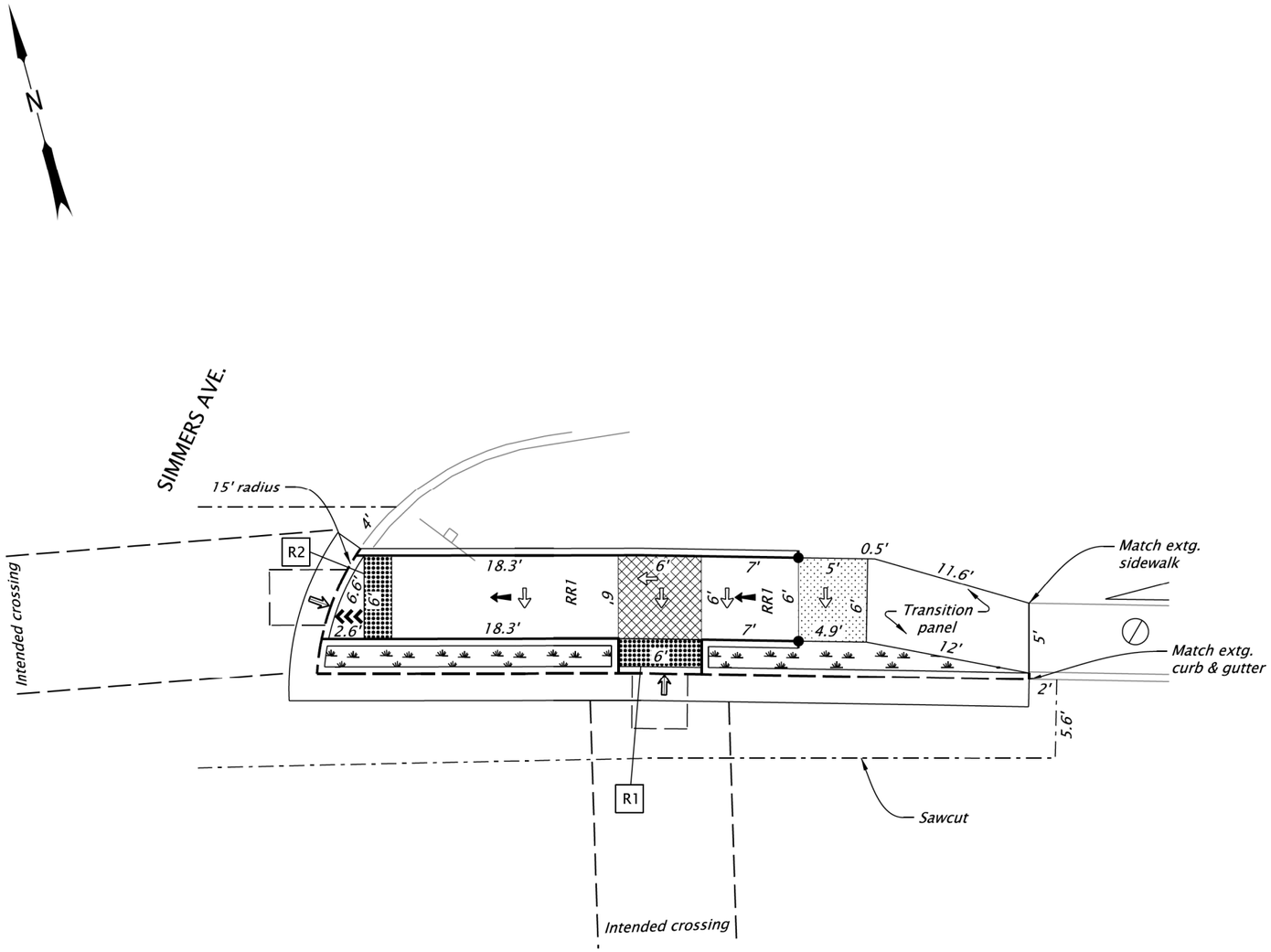
Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC558

Rotation: 345.0805° Scale: 1"=5'

55V-026



OR 039

OR 039 AT SIMMERS AVE.

ALTAMONT SITE 25 - CORNER 3

10 5 0 10
FEET

- *Area of excess sidewalk removal*
- *Rock mulch*
- *Sawcut line*
- *Zero curb exposure*
- DE X.X' / DE x.x% — *Design exception component*
- R# — *Ramp number*

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	OR039
M.P.:	4.44
CORNER POSITION	3
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:17:15-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

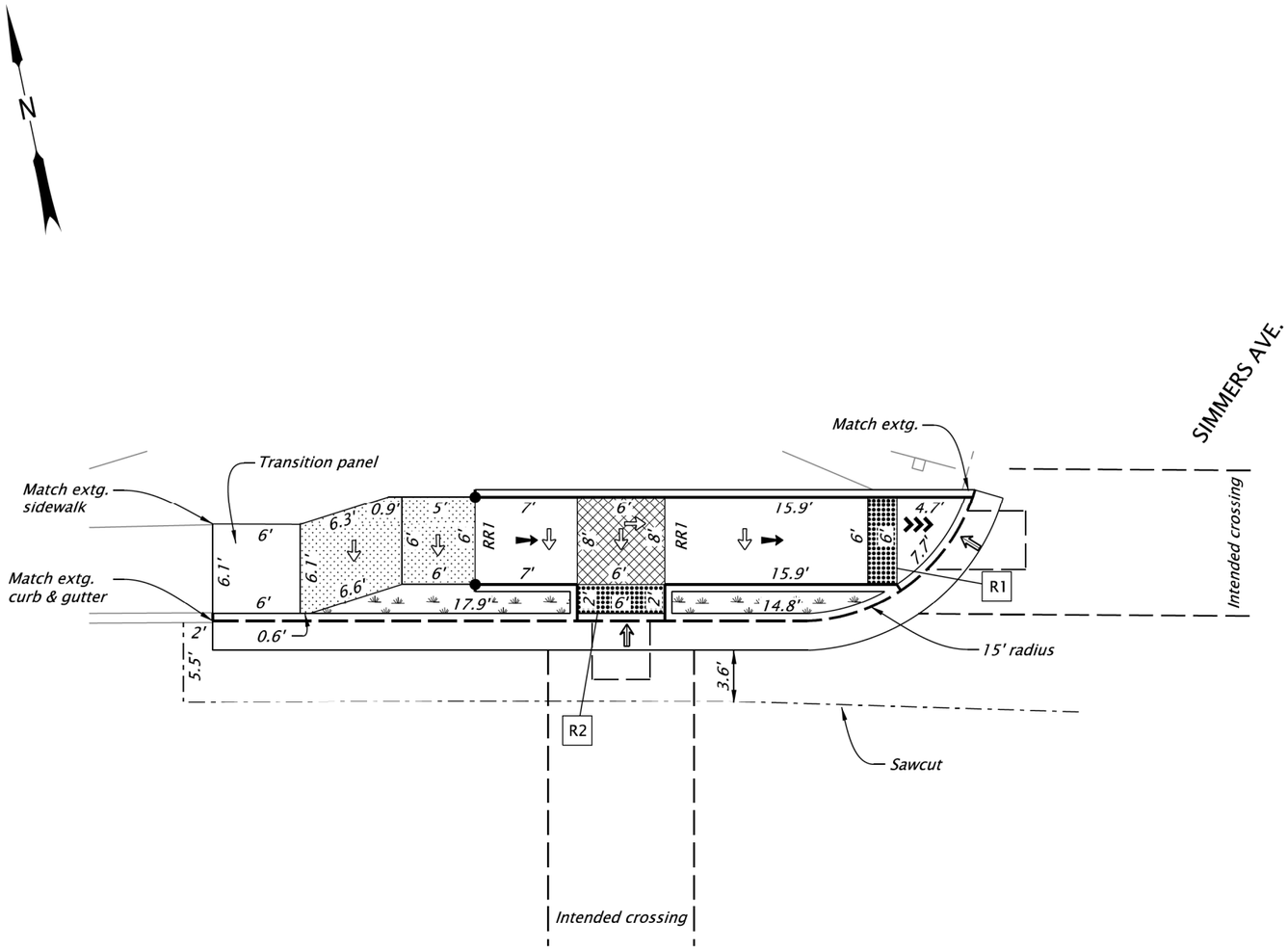
Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

CURB RAMP DETAILS — SHEET NO. BC559

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 345.177° Scale: 1"=10'

55V-026



OR 039

OR 039 AT SIMMERS AVE.

ALTAMONT SITE 25 - CORNER 4

10 5 0 10
FEET

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X' / DE x.x% — Design exception component

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 4.44	
CORNER POSITION	4
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed 2021.11.10 09:17:52-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

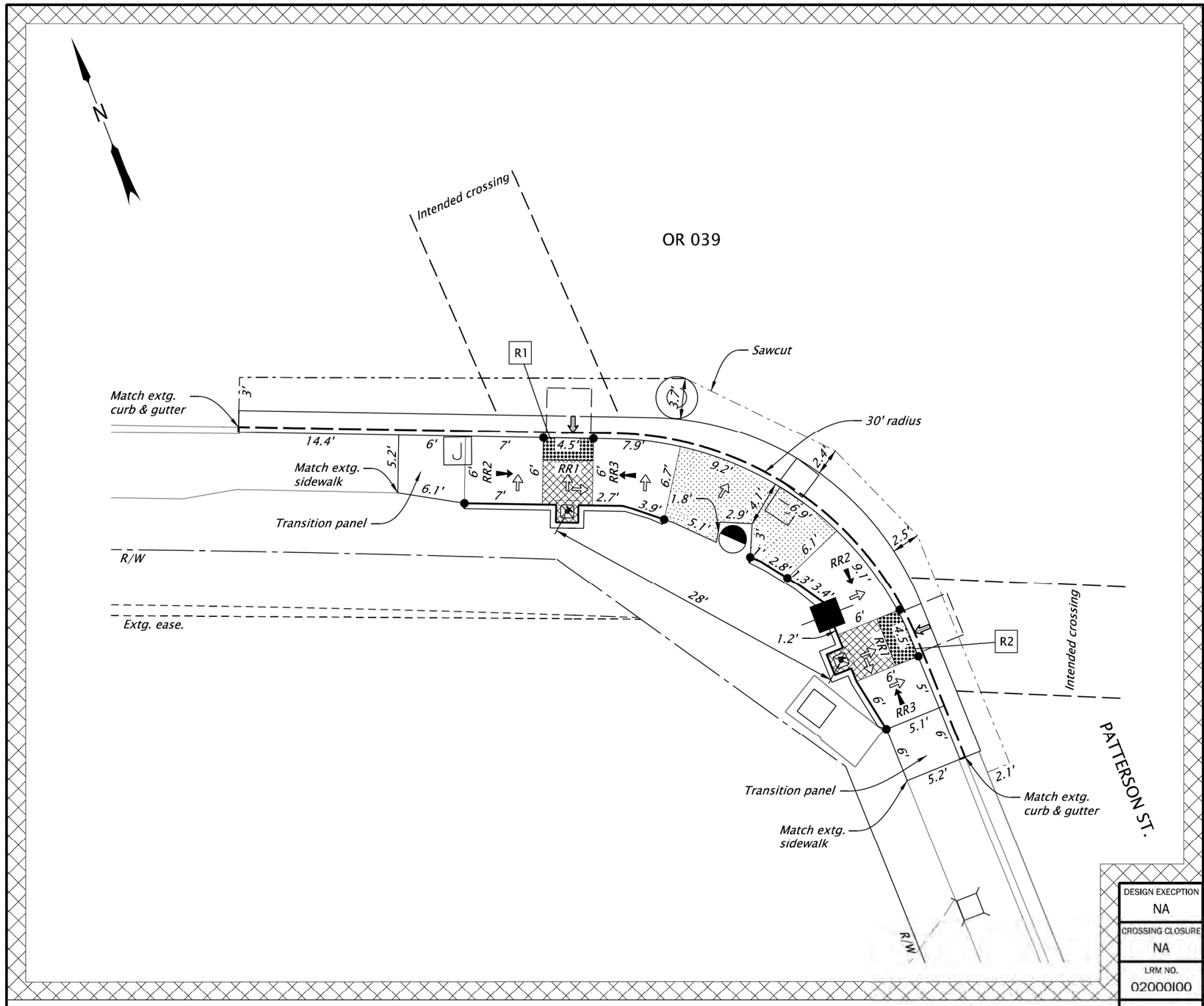
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC560

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 AT PATTERSON ST.

ALTAMONT SITE 26 - CORNER 1

10 5 0 10
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039	
M.P.: 4.50	
CORNER POSITION	1
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:18:30-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

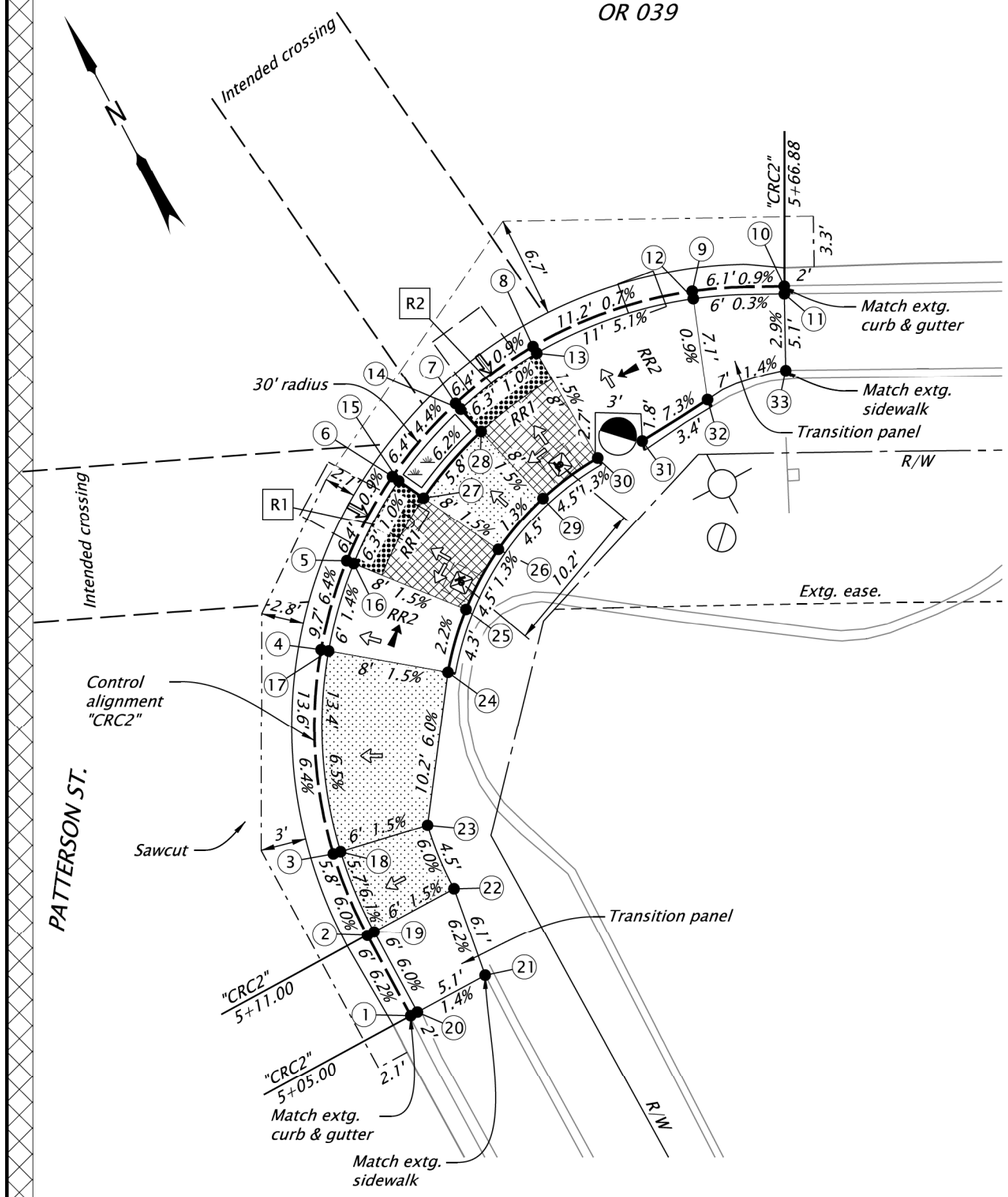
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC561

55V-026



LOCATION	"C2" STATION	OFFSET	ELEVATION	DESCRIPTION
1	5+05.00	0.00	4192.31	FL
2	5+11.00	0.00	4192.69	FL
3	5+16.84	0.00	4193.06	FL
4	5+30.48	0.00	4193.93	FL
5	5+36.59	0.00	4194.32	FL
6	5+42.95	0.00	4194.38	FL
7	5+49.32	0.00	4194.66	FL
8	5+55.68	0.00	4194.72	F
9	5+72.96	0.00	4194.82	FL
10	5+66.88	0.00	4194.88	FL
11	5+66.88	0.50	4195.33	BC
12	5+72.96	0.50	4195.32	BC
13	5+55.68	0.50	4194.73	BC
14	5+49.32	0.50	4194.67	BC
15	5+42.95	0.50	4194.39	BC
16	5+36.59	0.50	4193.33	BC
17	5+30.48	0.50	4194.43	BC
18	5+16.84	0.50	4193.56	BC
19	5+11.00	0.50	4193.19	BC
20	5+05.00	0.50	4192.82	BC
21	5+05.00	5.59	4192.89	SW
22	5+11.00	6.50	4193.28	SW
23	5+16.84	6.50	4193.55	SW
24	5+30.48	8.50	4194.31	SW
25	5+36.59	8.50	4194.45	SW
26	5+42.95	8.50	4194.51	SW
27	5+42.95	2.50	4194.86	SW
28	5+49.32	2.50	4194.86	SW
29	5+49.32	8.50	4194.79	SW
30	5+55.68	8.50	4194.85	SW
31	5+60.15	8.77	4195.02	SW
32	5+66.88	7.23	4195.39	SW
33	5+72.96	5.52	4195.48	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x% *Design exception component*

Point identifier

Ramp number

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 AT PATTERSON ST.

ALTAMONT SITE 26 - CORNER 2

10 5 0 10
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 4.50	
CORNER POSITION	2
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.05 10:24:38-07'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

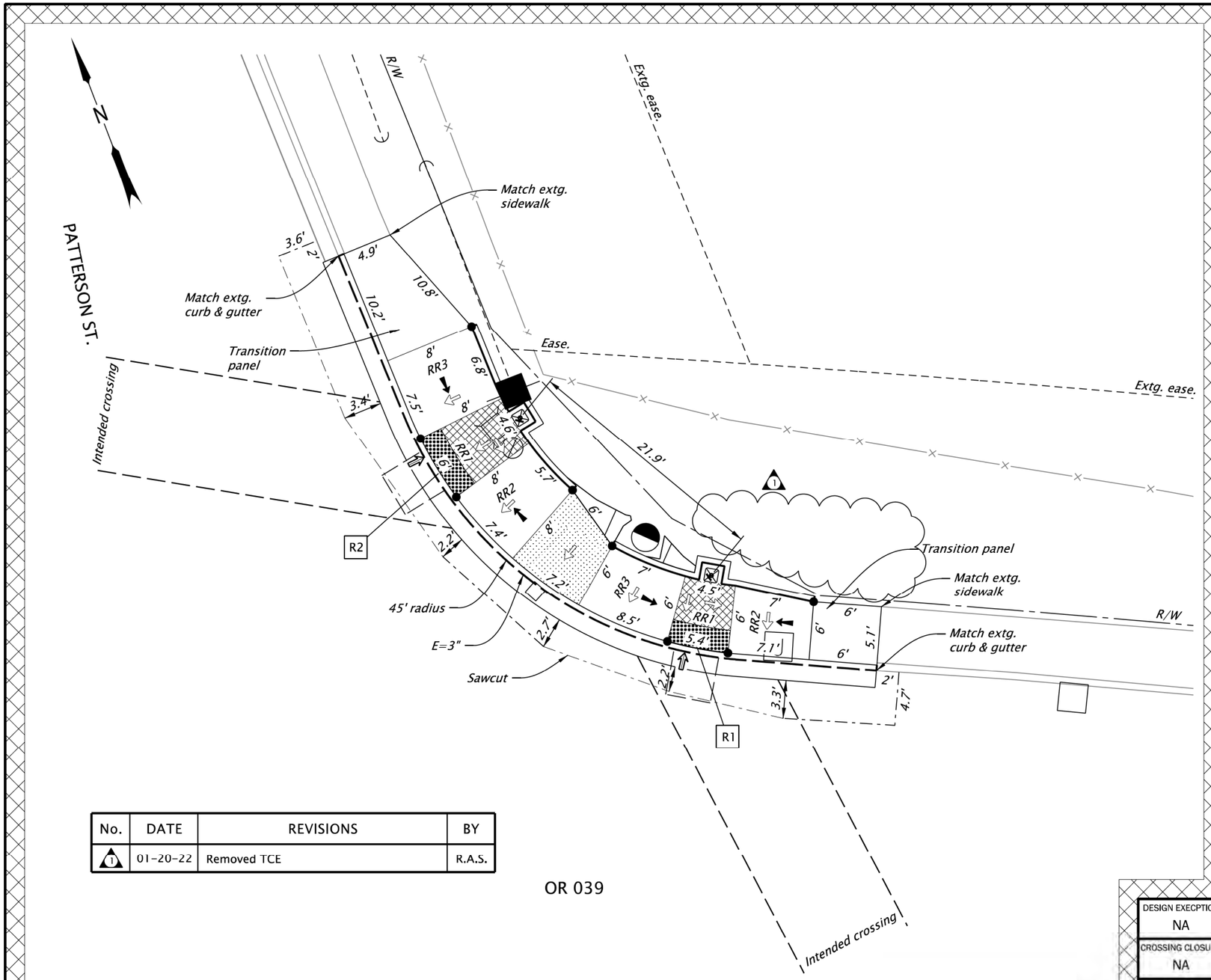
Designer: Ryan Stephens
Drafter: Serban Dinca
Reviewer: Stan Petroff
Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC562

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

55V-026



No.	DATE	REVISIONS	BY
1	01-20-22	Removed TCE	R.A.S.

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 AT PATTERSON ST.

ALTAMONT SITE 26 - CORNER 3

10 5 0 10
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 4.50	
CORNER POSITION	3
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2022.01.20 15:31:02-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens
Drafter: Serban Dinca
Reviewer: Stan Petroff
Checker: Jack Mitchell

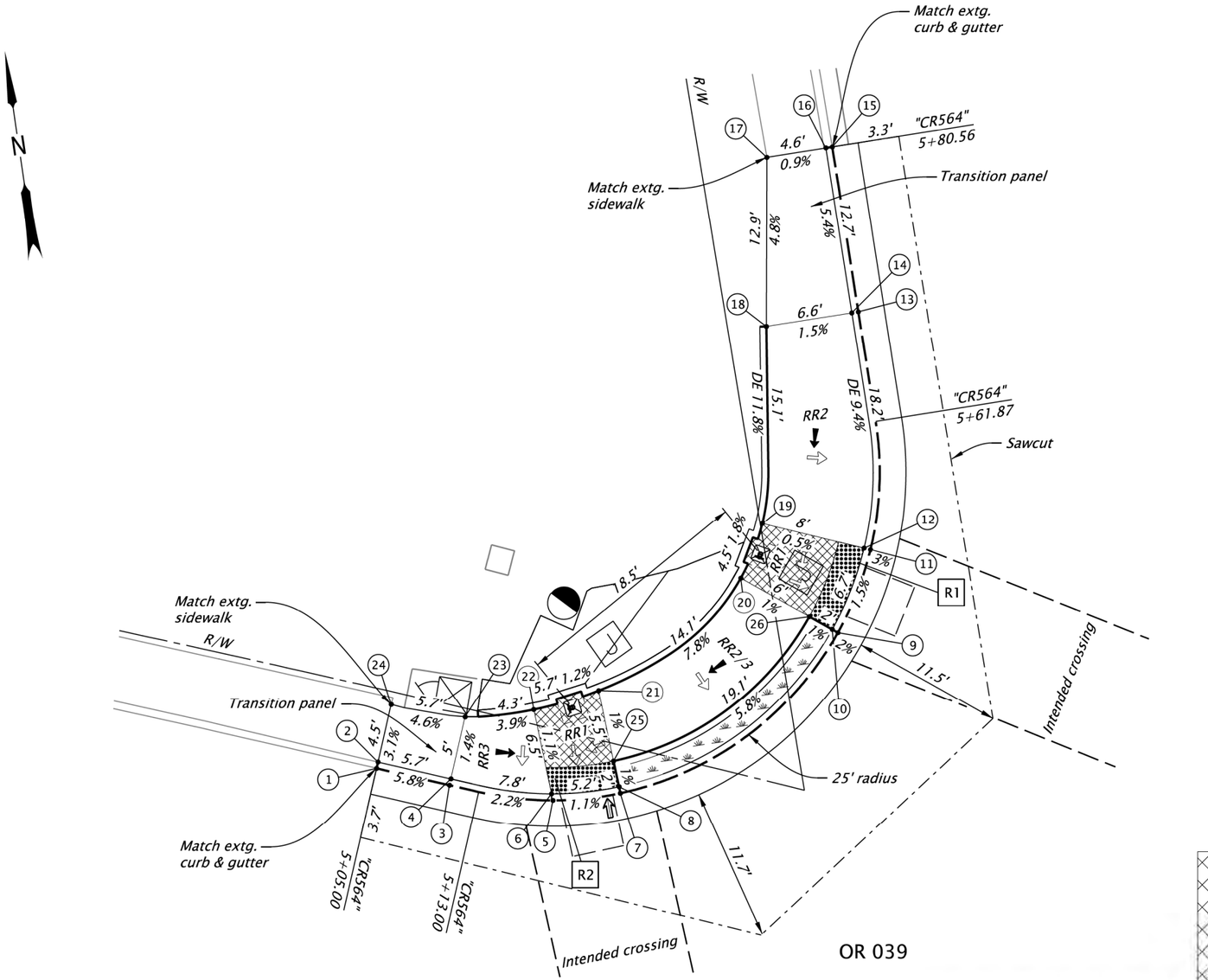
CURB RAMP DETAILS

SHEET NO. BC563

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

OR 039 AT PATTERSON ST.

ALTAMONT SITE 26 - CORNER 4



Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' / DE x.x% — Design exception component

(#) — Point identifier

R# — Ramp number

55V-026

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXECPTION	22209-04R
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	OR039
M.P.:	4.50
CORNER POSITION	4
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.10.21 10:54:30-07'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens — Reviewer: Stan Petroff
Drafter: Serban Dinca — Checker: Jack Mitchell

CURB RAMP DETAILS — SHEET NO. BC564

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	5+05.00	0.00'	4197.26	FL
2	5+05.00	0.50'	4197.66	BC
3	5+10.71	0.00'	4197.54	FL
4	5+10.71	0.50'	4197.99	BC
5	5+18.71	0.00'	4197.81	FL
6	5+18.60	0.50'	4197.82	BC
7	5+23.89	0.00'	4197.87	FL
8	5+23.89	0.50'	4197.88	BC
9	5+45.16	0.00'	4198.97	FL
10	5+45.16	0.50'	4198.98	BC
11	5+51.98	0.00'	4199.09	FL
12	5+51.98	0.50'	4199.10	BC
13	5+74.66	0.00'	4200.52	FL
14	5+74.66	0.50'	4201.02	BC
15	5+80.56	0.00'	4201.21	FL
16	5+80.56	0.50'	4201.71	BC
17	5+80.56	5.06'	4201.75	SW
18	5+74.66	7.10'	4201.12	SW
19	5+51.98	8.50'	4199.14	SW
20	5+45.16	8.50'	4199.06	SW
21	5+23.89	8.00'	4197.96	SW
22	5+16.71	6.80'	4197.89	SW
23	5+10.71	5.32'	4198.06	SW
24	5+05.00	4.98'	4197.80	SW
25	5+23.89	2.50'	4197.90	SW
26	5+45.16	2.50'	4199.00	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb

OR 039 AT PATTERSON ST.

ALTAMONT SITE 26 - CORNER 4

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXECPTION	22209-04R
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 4.50	
CORNER POSITION	4
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.10.21 10:54:00-07'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

CURB RAMP DETAILS

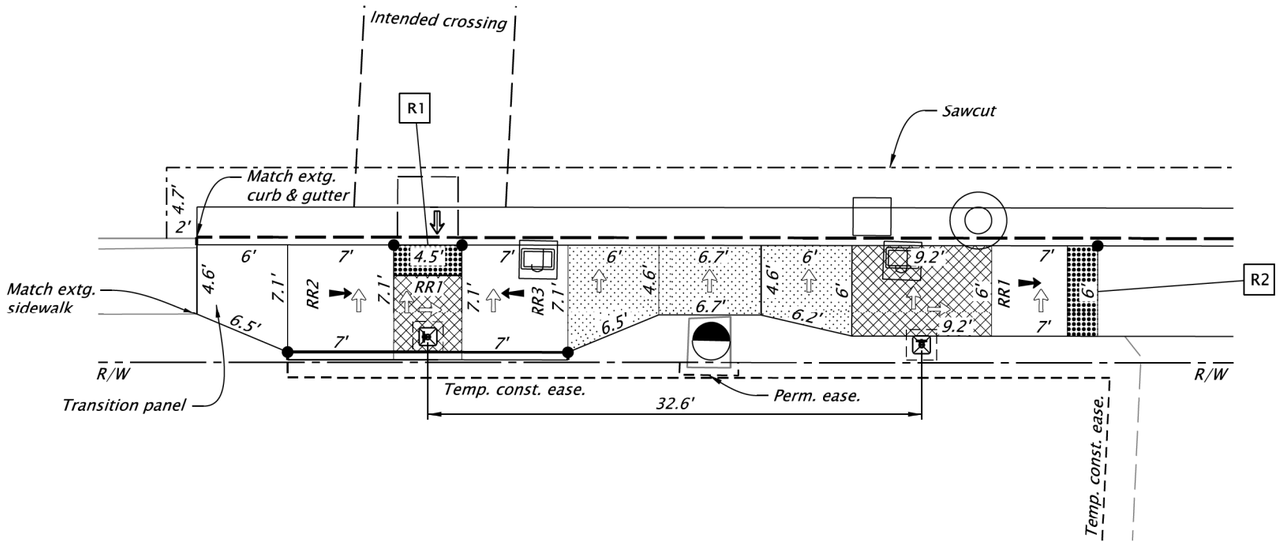
SHEET NO. BC564A

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1"=5'

55V-026

OR 039



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 AT ENTRANCE TO HOME DEPOT

ALTAMONT SITE 27 - CORNER 1

10 5 0 10
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: 0R039 M.P.: 4.78	
CORNER POSITION	1
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:20:01-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

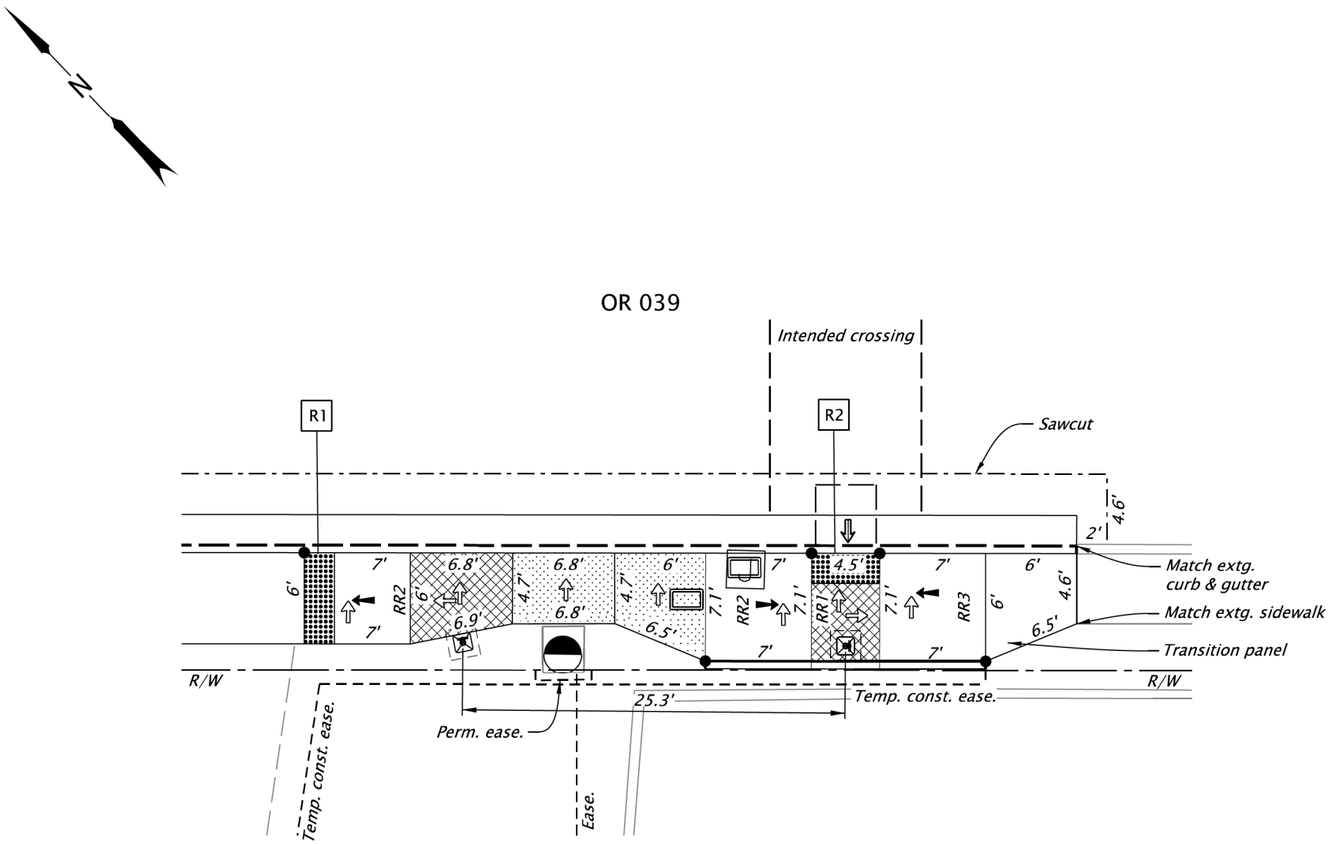
Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC565

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 AT ENTRANCE TO HOME DEPOT

ALTAMONT SITE 27 - CORNER 2

10 5 0 10
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	OR039
M.P.:	4.78
CORNER POSITION	2
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:20:46-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

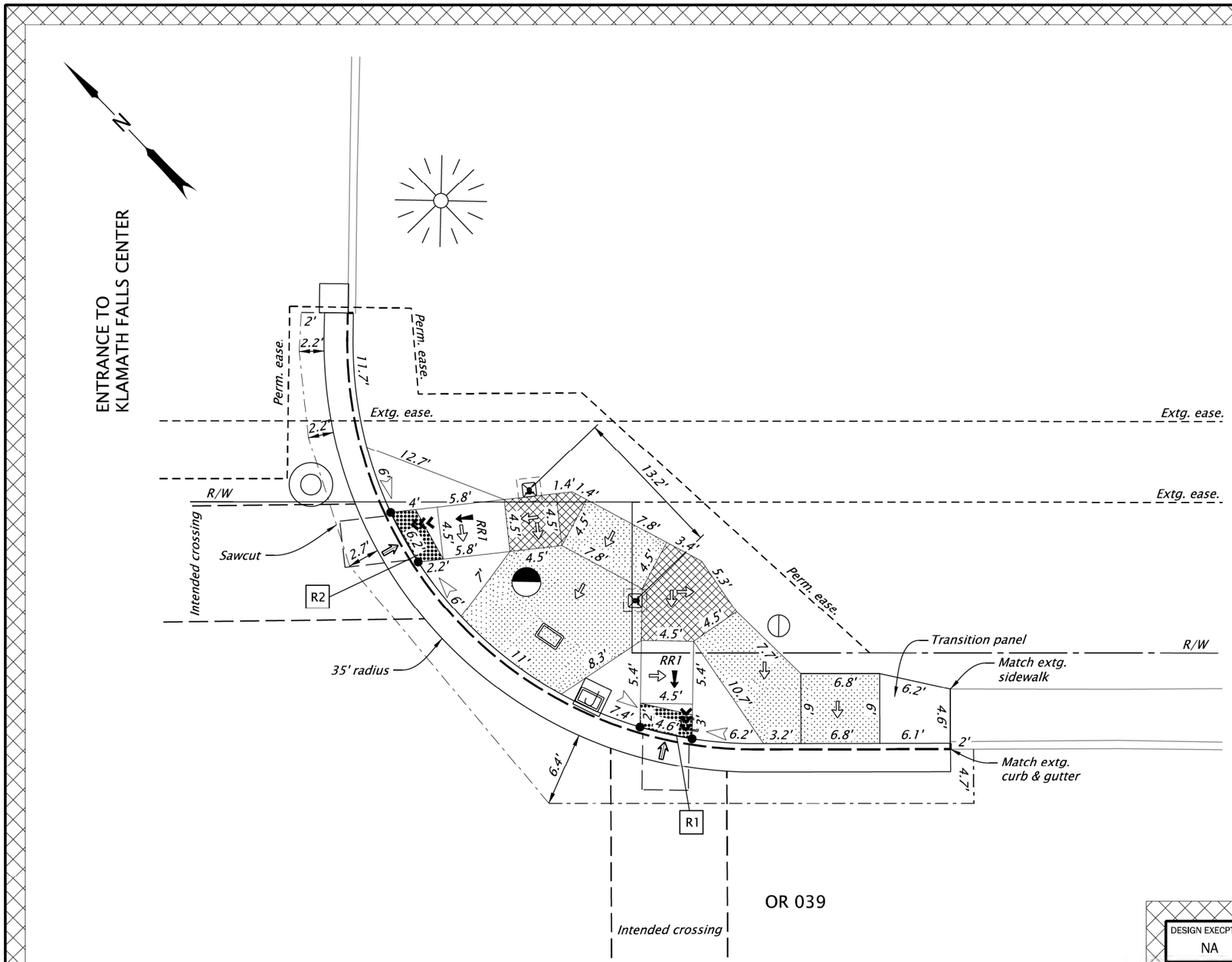
Designer: Ryan Stephens
Drafter: Serban Dinca
Reviewer: Stan Petroff
Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC566

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 AT ENTRANCE TO HOME DEPOT

ALTAMONT SITE 27 - CORNER 3

10 5 0 10
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 4.78	
CORNER POSITION	3
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:21:22-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens
Drafter: Serban Dinca
Reviewer: Stan Petroff
Checker: Jack Mitchell

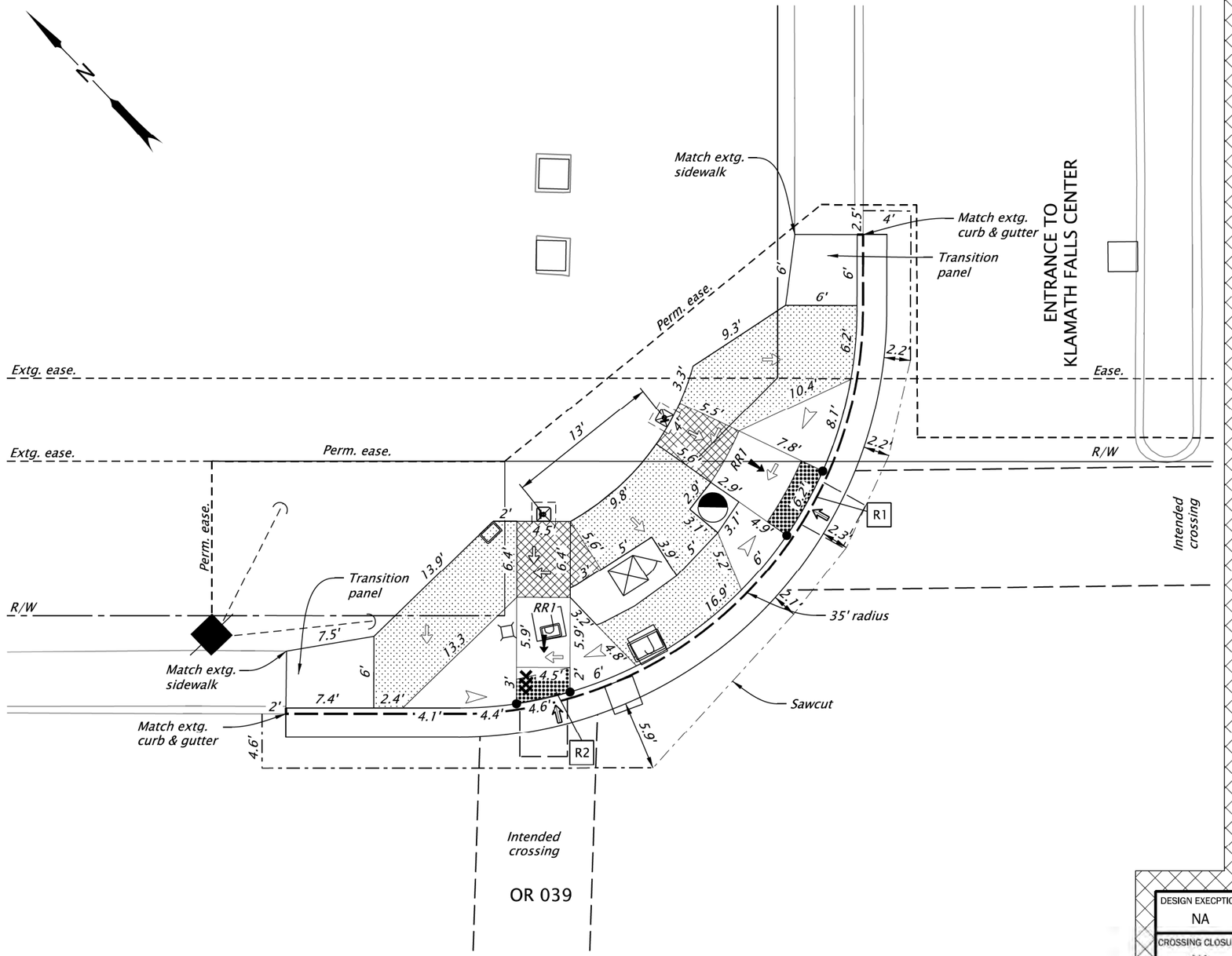
CURB RAMP DETAILS

SHEET NO. BC567

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 316.1355° Scale: 1"=10'

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 AT ENTRANCE TO HOME DEPOT

ALTAMONT SITE 27 - CORNER 4

10 5 0 10
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039	
M.P.: 4.78	
CORNER POSITION	4
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:22:00-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

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KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

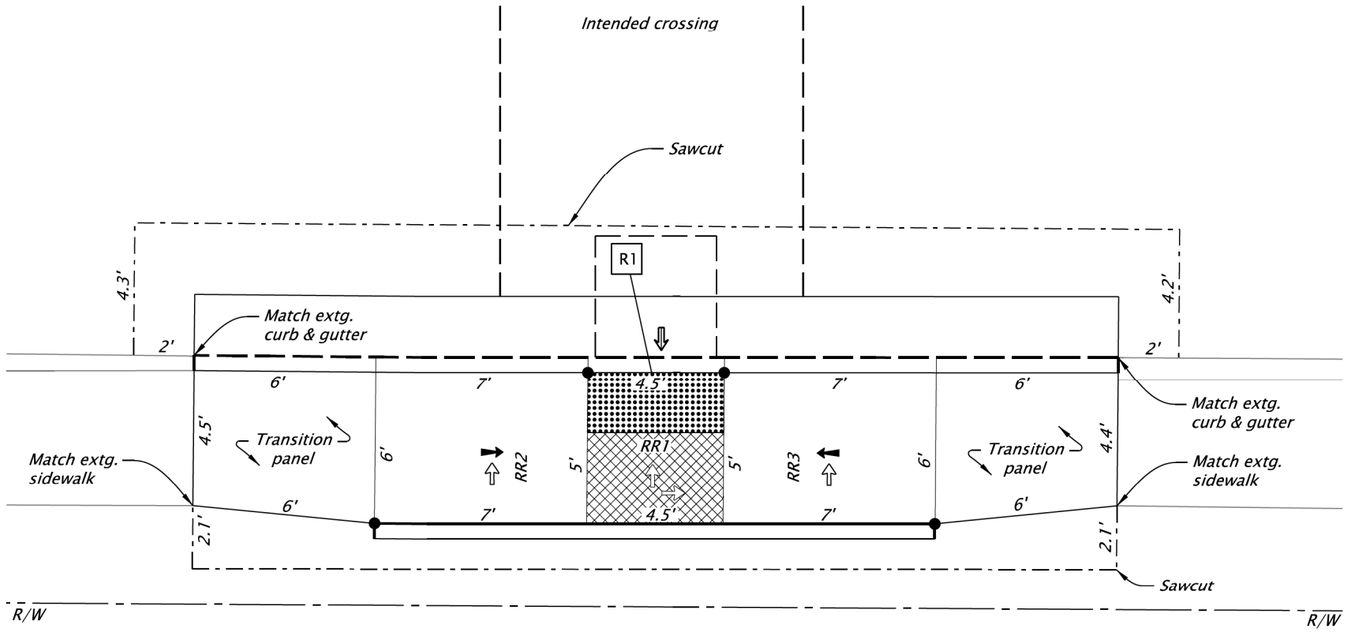
CURB RAMP DETAILS

SHEET NO. BC568

Rotation: 316.1355° Scale: 1"=10'

55V-026

OR 039



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

OR 039 AT UNITY ST.

ALTAMONT SITE 28 - CORNER 1

5 2.5 0 5
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 4.94	
CORNER POSITION	1
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:26:40-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

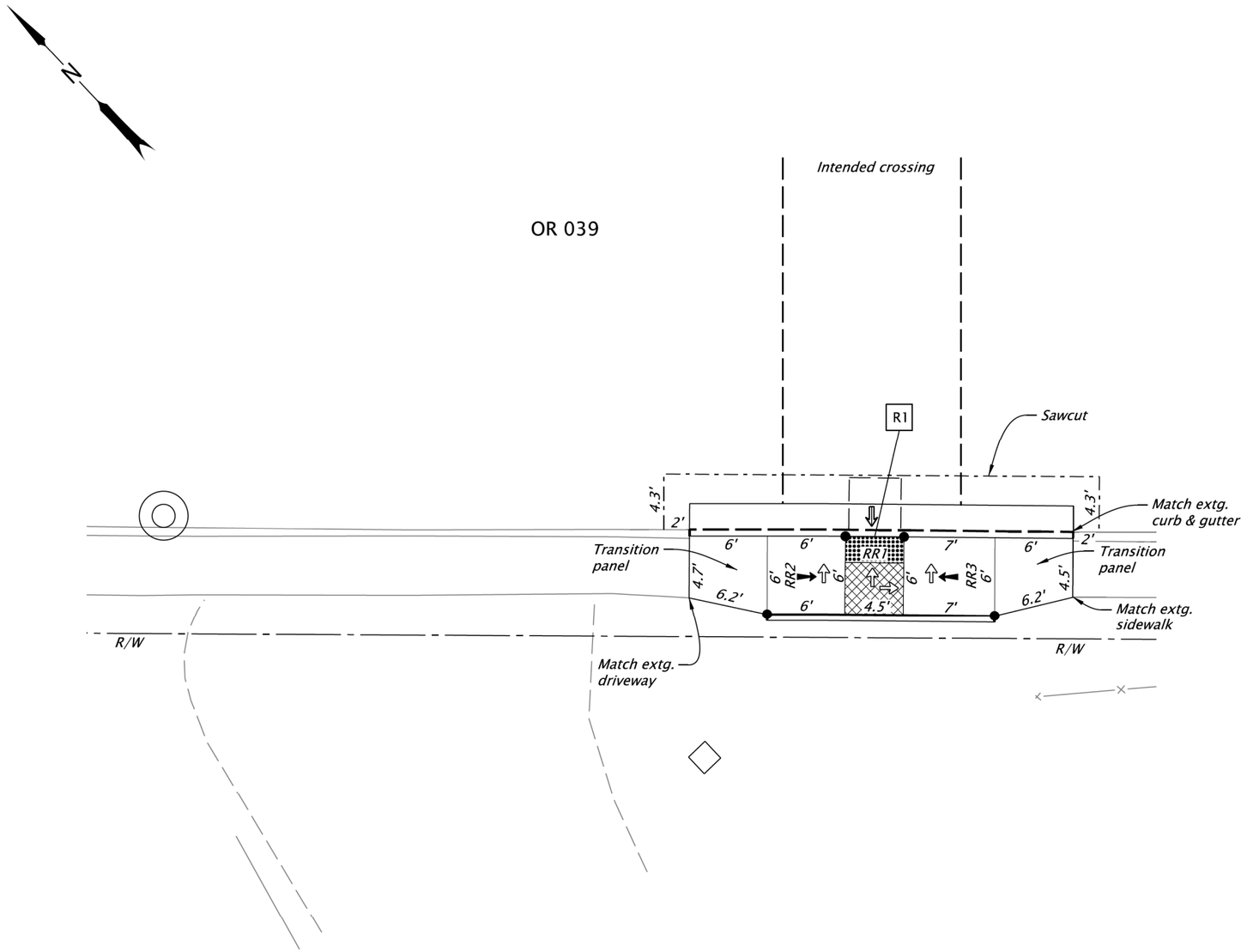
Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC569

Rotation: 316.4316° Scale: 1"=5'

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x% *Design exception component*

R# *Ramp number*

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

OR 039 AT UNITY ST.

ALTAMONT SITE 28 - CORNER 2

10 5 0 10
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	OR039
M.P.:	4.94
CORNER POSITION	2
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:27:17-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

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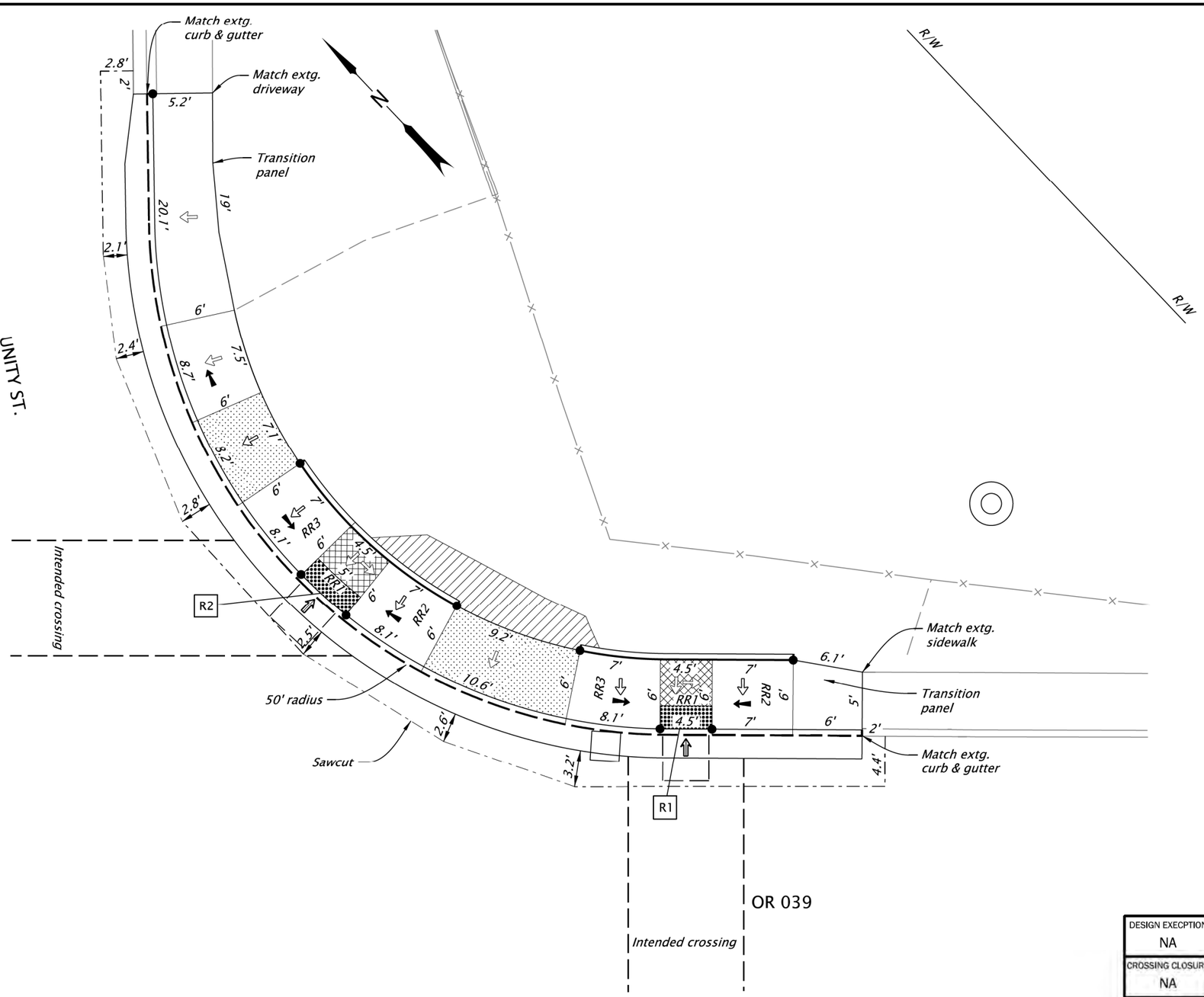
OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

CURB RAMP DETAILS SHEET NO. BC570



OR 039 AT UNITY ST.

ALTAMONT SITE 28 - CORNER 3

10 5 0 10
FEET

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

55V-026

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	OR039
M.P.:	4.94
CORNER POSITION	3
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:27:53-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens
Drafter: Serban Dinca
Reviewer: Stan Petroff
Checker: Jack Mitchell

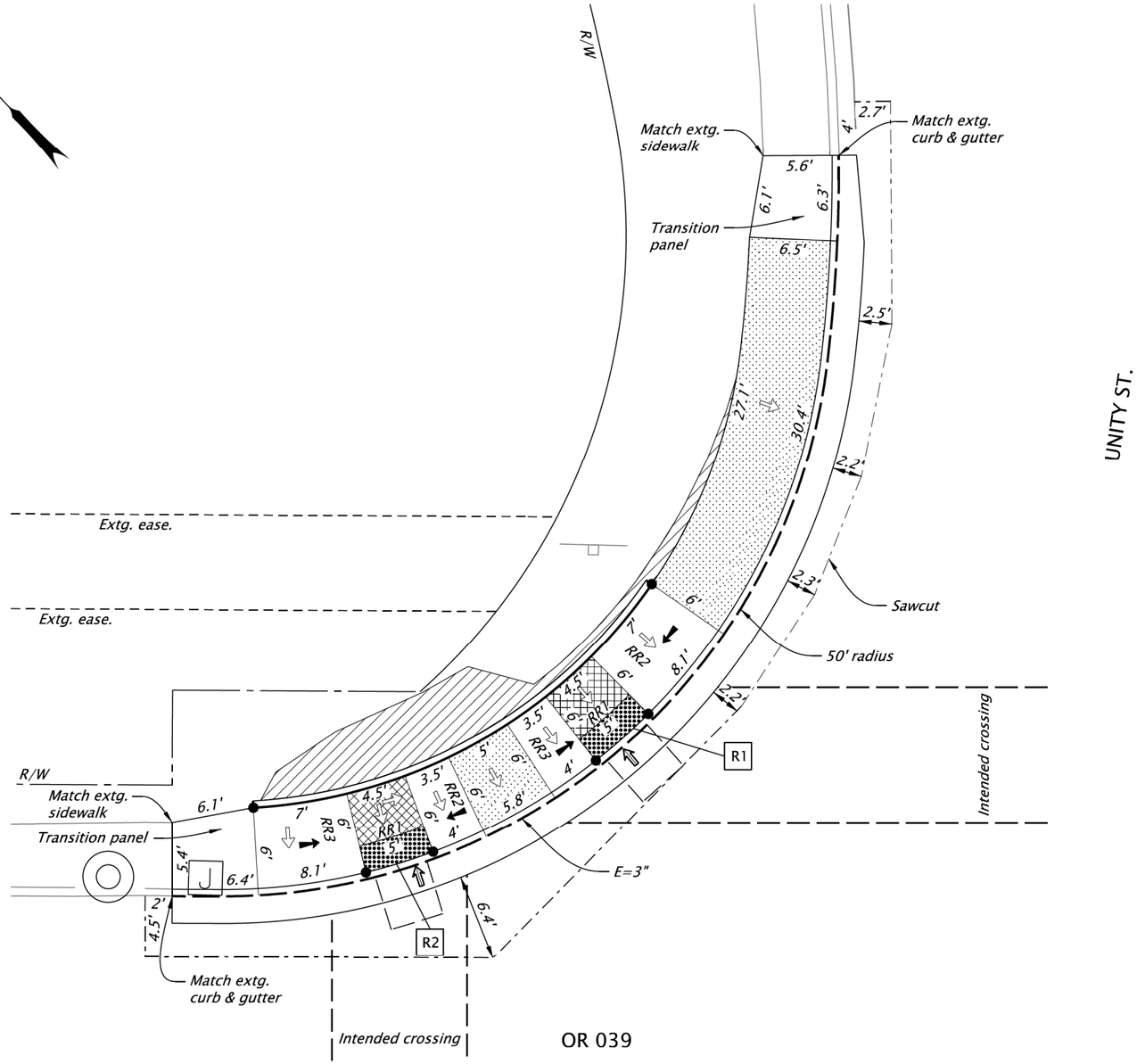
CURB RAMP DETAILS

SHEET NO. BC571

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 316.4316° Scale: 1"=10'

55V-026



OR 039

OR 039 AT UNITY ST.

ALTAMONT SITE 28 - CORNER 4

10 5 0 10
FEET

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X' / DE x.x% — Design exception component

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 4.94	
CORNER POSITION	4
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:28:29-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

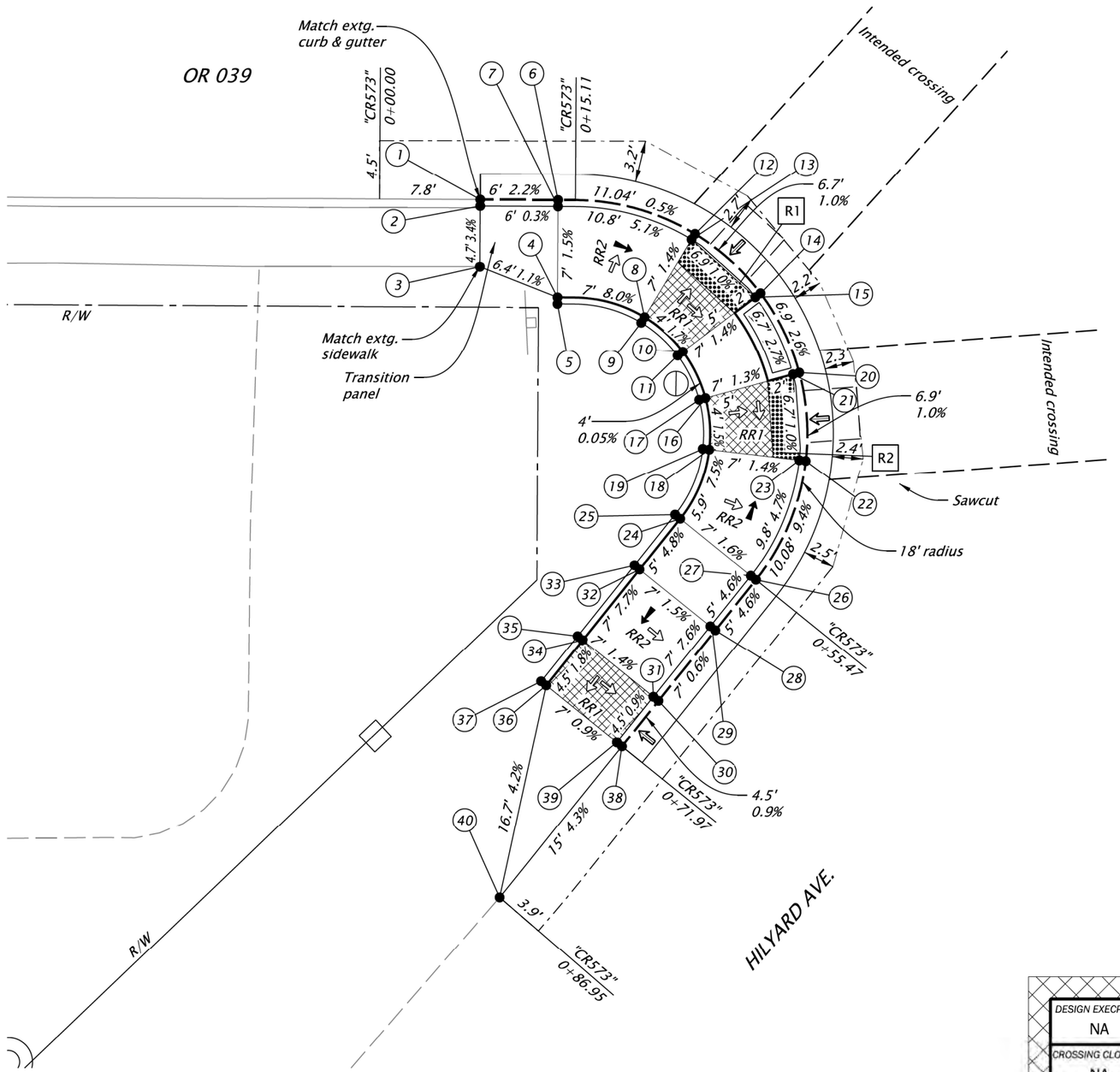
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens — Reviewer: Stan Petroff
Drafter: Serban Dinca — Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC572

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' / DE x.x% — Design exception component

(#) — Point identifier

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 AT HILYARD AVE.

ALTAMONT SITE 29 - CORNER 1

10 5 0 10
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 5.19	
CORNER POSITION	1
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:30:55-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens — Reviewer: Stan Petroff
Drafter: Serban Dinca — Checker: Jack Mitchell

CURB RAMP DETAILS — SHEET NO. BC573

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 316.4316° Scale: 1"=10'

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	0+07.77	0.00'	4178.38	FL
2	0+07.77	0.50'	4178.77	BC
3	0+07.77	5.18'	4178.93	SW
4	0+13.77	7.50'	4178.86	SW
5	0+13.77	8.00'	4178.86	BC
6	0+13.77	0.00'	4178.25	FL
7	0+13.77	0.50'	4178.75	BC
8	0+24.81	7.50'	4178.30	SW
9	0+24.81	8.00'	4178.80	BC
10	0+31.67	7.50'	4178.73	BC
11	0+31.67	8.00'	4178.23	SW
12	0+24.81	0.00'	4178.19	FL
13	0+24.81	0.50'	4178.20	BC
14	0+31.67	0.00'	4178.12	FL
15	0+31.67	0.50'	4178.13	BC
16	0+38.53	7.50'	4178.04	SW
17	0+38.53	8.00'	4178.54	BC
18	0+45.39	7.50'	4177.98	SW
19	0+45.39	8.00'	4178.48	BC
20	0+38.53	0.00'	4177.94	FL

FL = Flow line
SW = Sidewalk
BC = Back of curb

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
21	0+38.53	0.50'	4177.95	BC
22	0+45.39	0.00'	4177.87	FL
23	0+45.39	0.50'	4177.88	BC
24	0+55.47	7.50'	4177.54	SW
25	0+55.47	8.00'	4177.54	BC
26	0+55.47	0.00'	4176.92	FL
27	0+55.47	0.50'	4177.42	BC
28	0+60.47	0.00'	4176.69	FL
29	0+60.47	0.50'	4177.19	BC
30	0+67.47	0.00'	4176.65	FL
31	0+67.47	0.50'	4176.66	BC
32	0+60.47	7.50'	4177.30	SW
33	0+60.47	8.00'	4177.30	BC
34	0+67.47	7.50'	4176.76	SW
35	0+67.47	8.00'	4177.26	BC
36	0+71.97	7.50'	4176.68	SW
37	0+71.97	8.00'	4177.18	BC
38	0+71.97	0.00'	4176.61	FL
39	0+71.97	0.50'	4176.62	BC
40	0+86.95	0.00'	4175.98	EAC/MTE

FL = Flow line
SW = Sidewalk
BC = Back of curb
EAC = Edge of asphalt concrete
MTE = Match to extg.

OR 039 AT HILYARD AVE.

ALTAMONT SITE 29 - CORNER 1

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 5.19	
CORNER POSITION	1
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:31:33-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

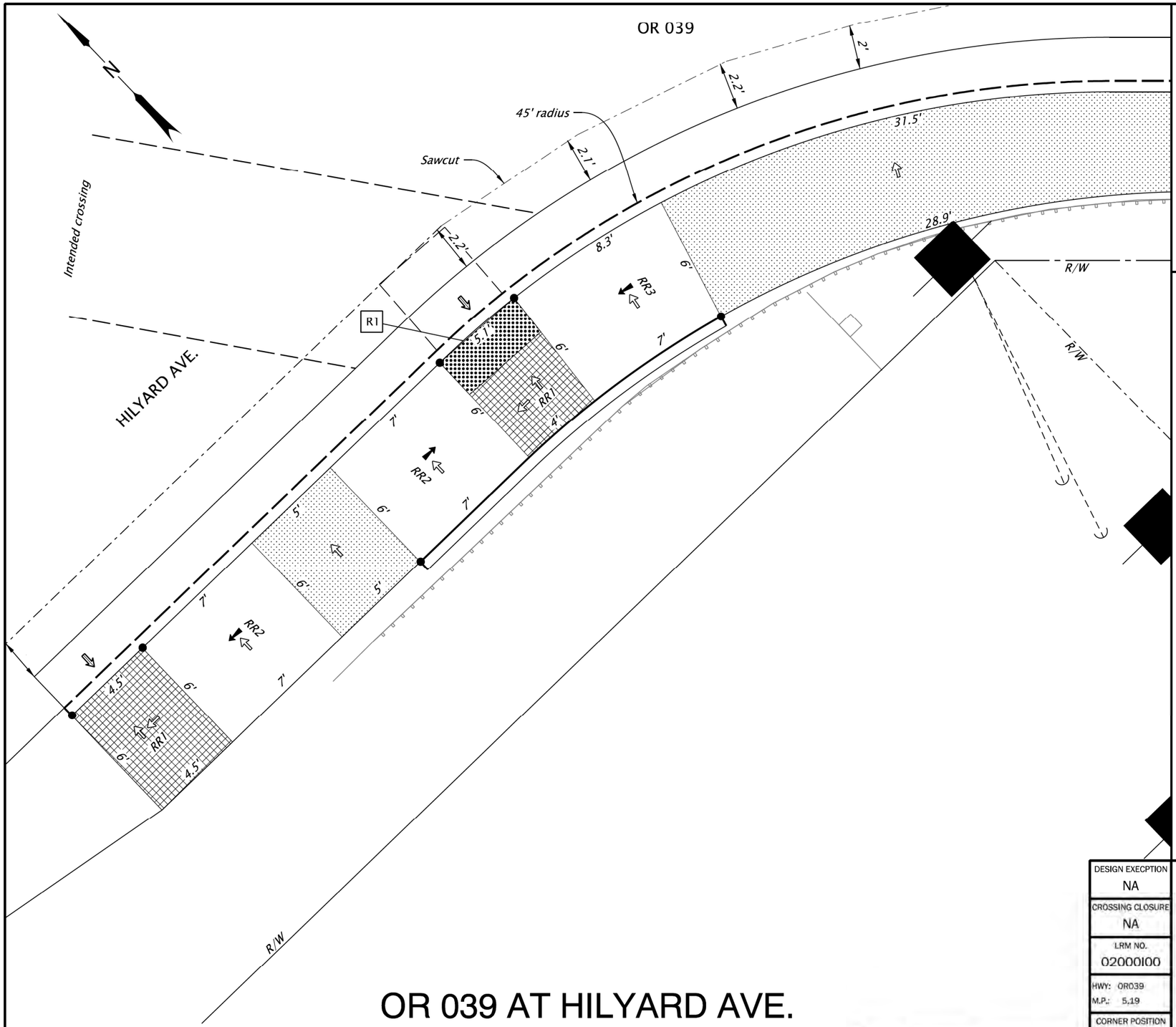
CURB RAMP DETAILS

SHEET NO. BC573A

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 316.4316° Scale: 1"=10'

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

OR 039 AT HILYARD AVE.

ALTAMONT SITE 29 - CORNER 2

5 2.5 0 5
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 5.19	
CORNER POSITION	2
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:32:13-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

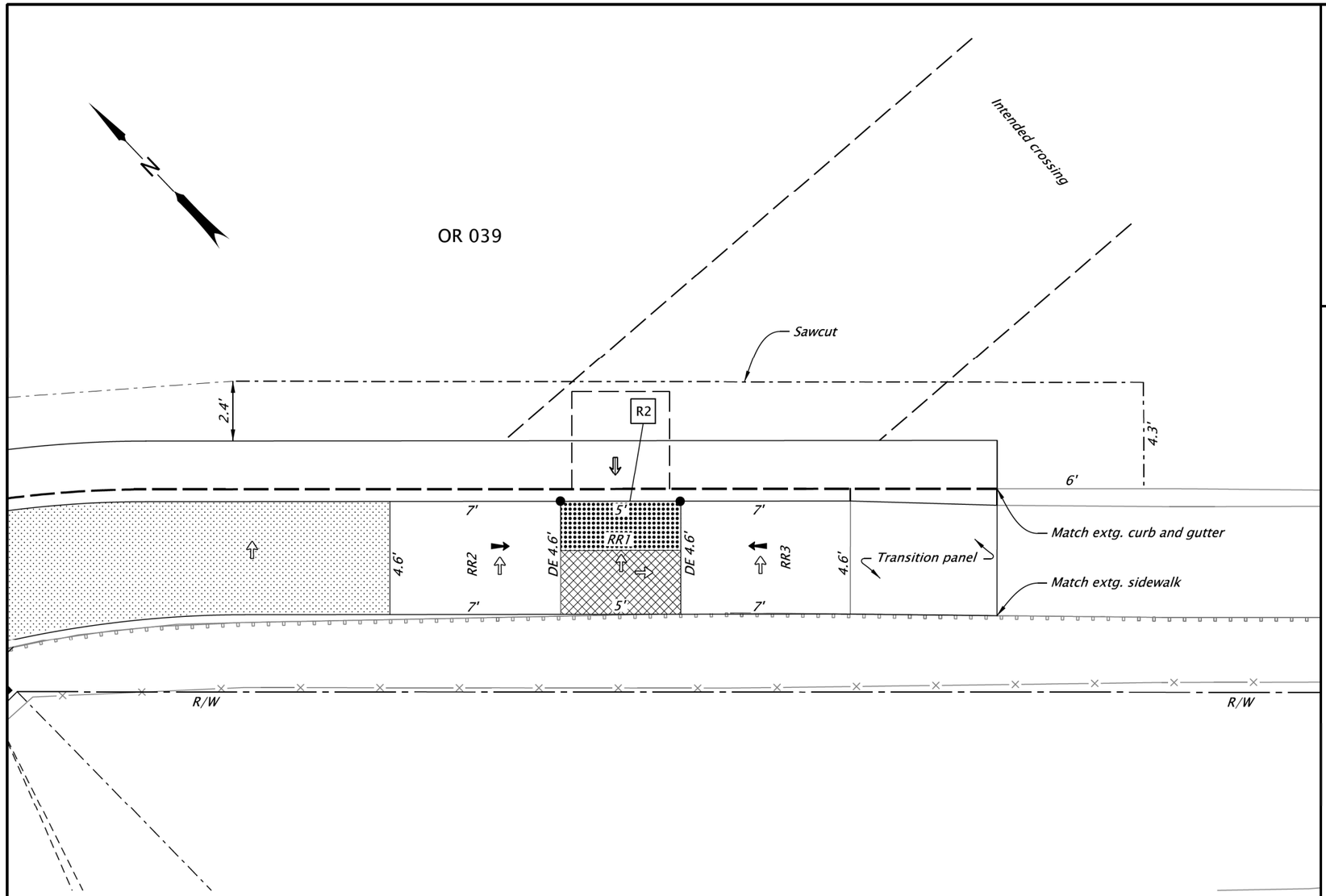
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC574

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x% Design exception component

R# Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

OR 039 AT HILYARD AVE.

ALTAMONT SITE 29 - CORNER 2

5 2.5 0 5
FEET

DESIGN EXECPTION	22209-05
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 5.19	
CORNER POSITION	2
RAMP NO.	2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:32:48-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

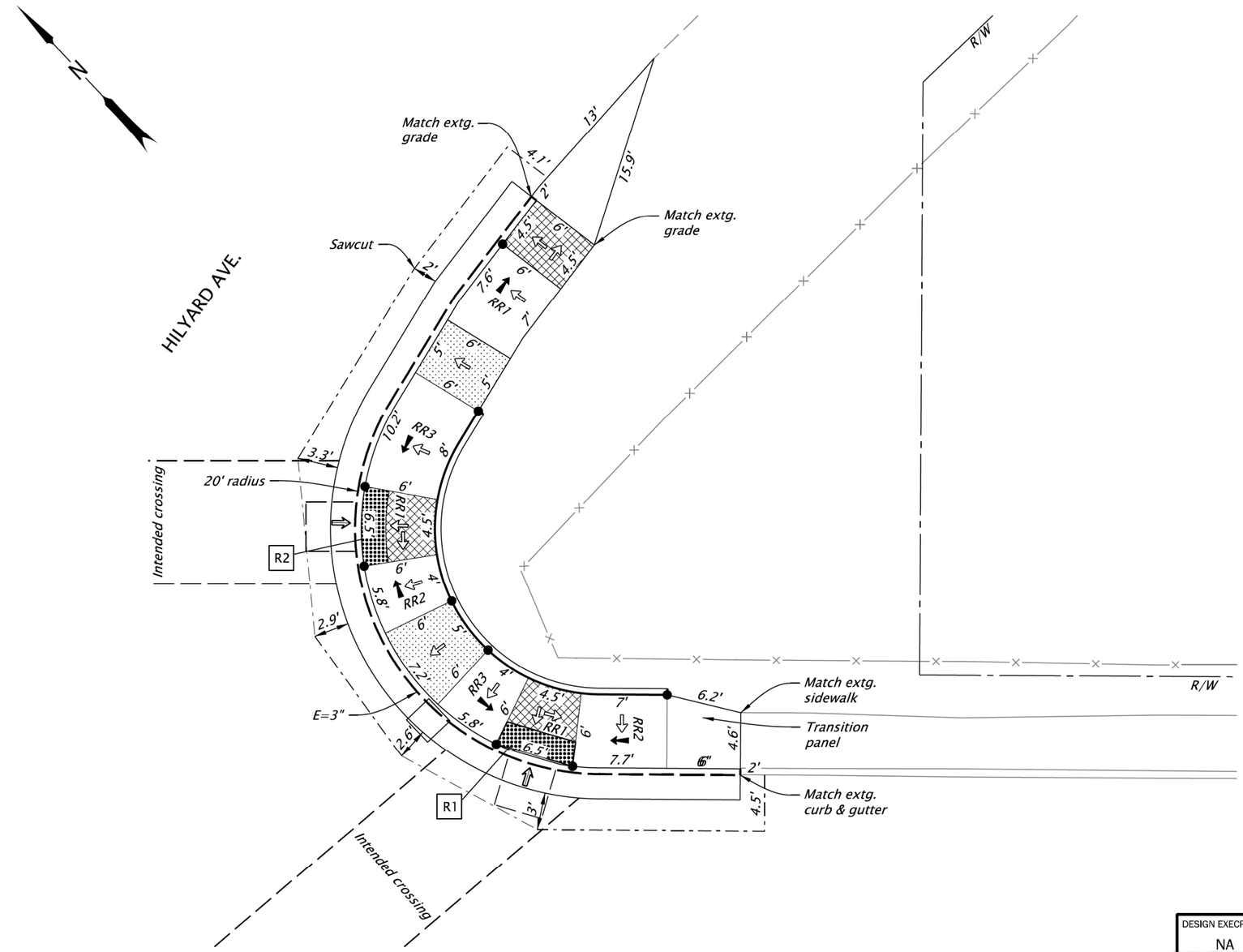
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

CURB RAMP DETAILS SHEET NO. BC575

Rotation: 316.1335° Scale: 1"=5'

55V-026



OR 039

OR 039 AT HILYARD AVE.

ALTAMONT SITE 29 - CORNER 4

10 5 0 10
FEET

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x% *Design exception component*

R# *Ramp number*

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 5.19	
CORNER POSITION	4
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:33:24-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

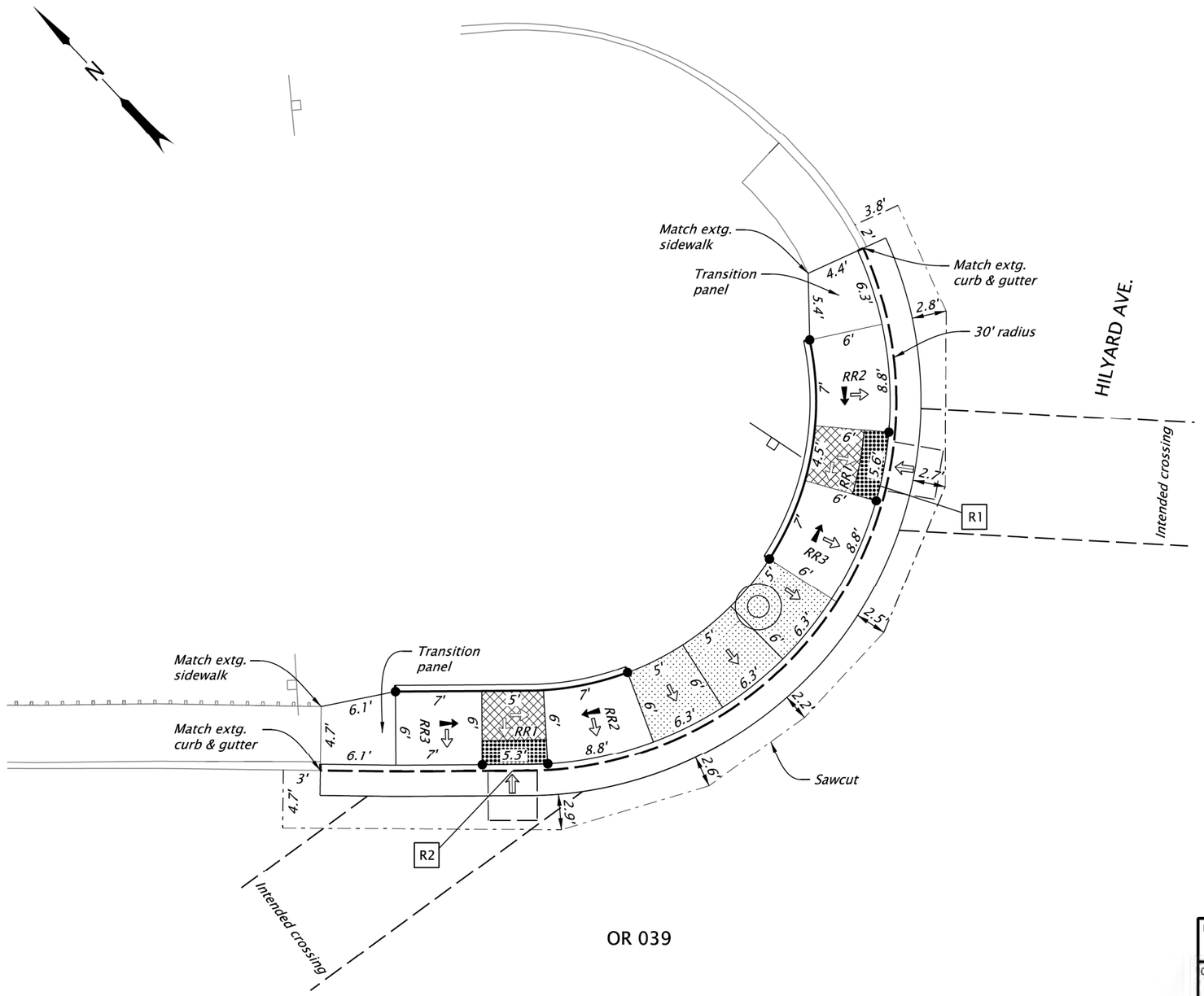
Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC576

Rotation: 316.4316° Scale: 1"=10'

55V-026



OR 039

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

OR 039 AT HILYARD AVE.

ALTAMONT SITE 29 - CORNER 5

10 5 0 10
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 5.19	
CORNER POSITION	5
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:33:59-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

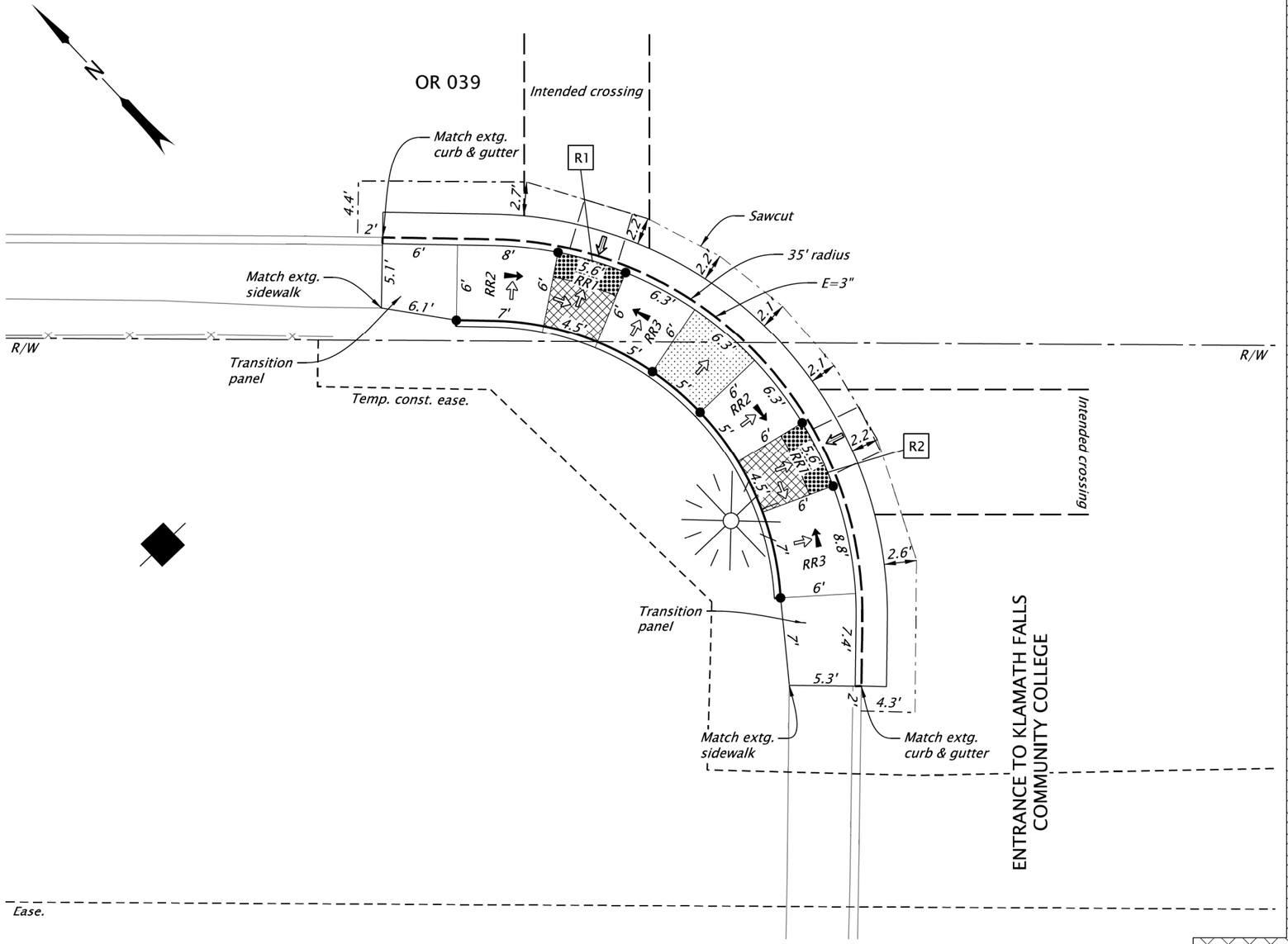
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC577

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X' / DE x.x% — Design exception component

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 AT ENTRANCE TO KLAMATH COMMUNITY COLLEGE

ALTAMONT SITE 30 - CORNER 1

10 5 0 10 FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY: OR039 M.P.: 5.35	
CORNER POSITION	1
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:34:41-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS

EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

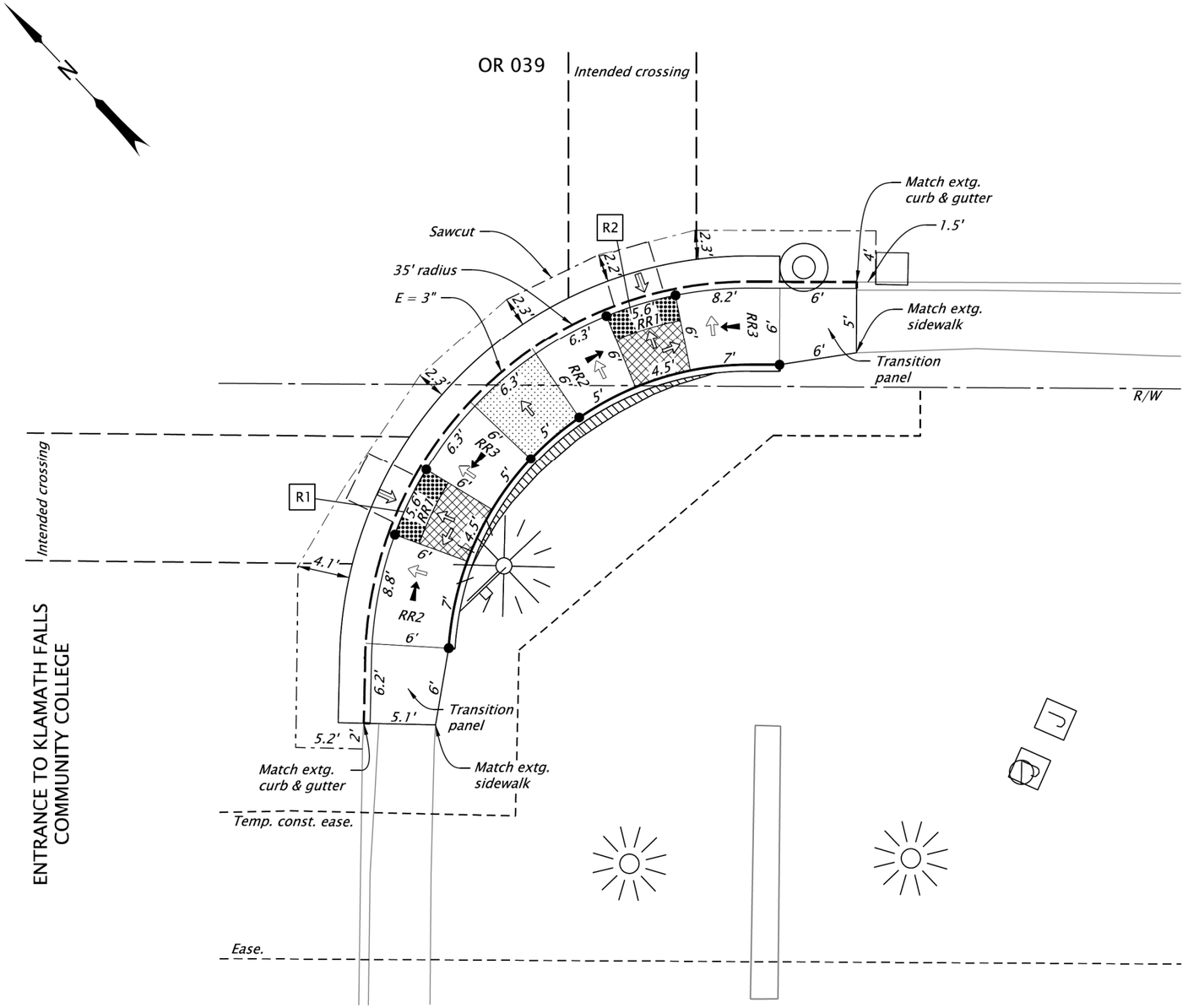
Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

CURB RAMP DETAILS

SHEET NO. BC578

Rotation: 316.4316° Scale: 1"=10'

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 039 AT ENTRANCE TO KLAMATH COMMUNITY COLLEGE

ALTAMONT SITE 30 - CORNER 2

10 5 0 10
FEET

DESIGN EXECPTION	NA
CROSSING CLOSURE	NA
LRM NO.	02000100
HWY:	OR039
M.P.:	5.35
CORNER POSITION	2
RAMP NO.	1 AND 2

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:35:11-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens Reviewer: Stan Petroff
Drafter: Serban Dinca Checker: Jack Mitchell

CURB RAMP DETAILS

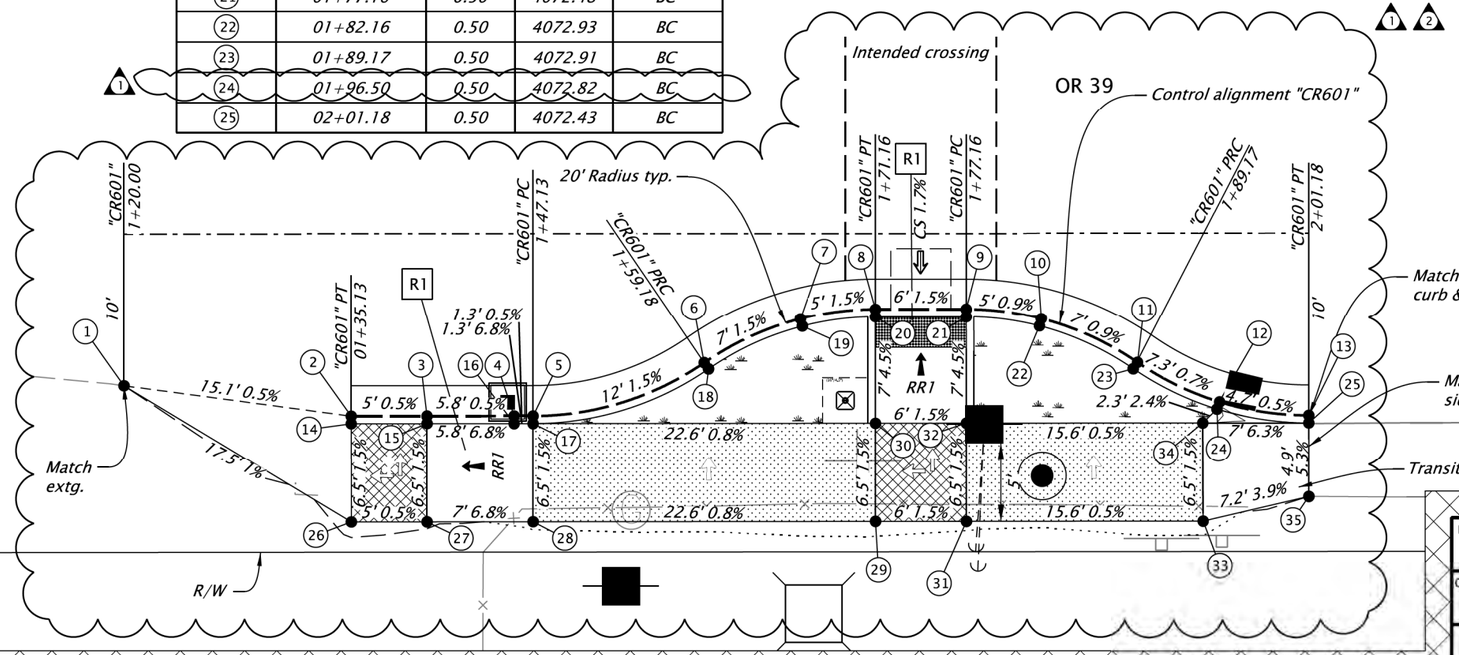
SHEET NO. BC579

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	01+20.00	0.00	4071.99	FL
2	01+35.13	0.00	4072.07	FL
3	01+40.13	0.00	4072.04	FL
4	01+45.88	0.00	4072.01	FL
5	01+47.13	0.00	4072.02	FL
6	01+59.18	0.00	4072.20	FL
7	01+66.16	0.00	4072.30	FL
8	01+71.16	0.00	4072.38	FL
9	01+77.16	0.00	4072.47	FL
10	01+82.16	0.00	4072.42	FL
11	01+89.17	0.00	4072.36	FL
12	01+96.50	0.00	4072.31	FL
13	02+01.18	0.00	4072.33	FL
14	01+35.13	0.50	4072.08	BC
15	01+40.13	0.50	4072.05	BC
16	01+45.88	0.50	4072.44	BC
17	01+47.13	0.50	4072.53	BC
18	01+59.18	0.50	4072.71	BC
19	01+66.16	0.50	4072.81	BC
20	01+71.16	0.50	4072.39	BC
21	01+77.16	0.50	4072.48	BC
22	01+82.16	0.50	4072.93	BC
23	01+89.17	0.50	4072.91	BC
24	01+96.50	0.50	4072.82	BC
25	02+01.18	0.50	4072.43	BC

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
26	01+35.13	7.00	4072.17	SW
27	01+40.13	7.00	4072.14	SW
28	01+47.13	7.00	4072.62	SW
29	01+71.16	14.00	4072.80	SW
30	01+71.16	7.50	4072.70	SW
31	01+77.16	14.00	4072.89	SW
32	01+77.16	7.50	4072.79	SW
33	01+96.12	7.89	4072.97	SW
34	01+94.60	1.66	4072.87	SW
35	02+01.19	5.38	4072.69	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



	Area of excess sidewalk removal
	Rock mulch
	Sawcut line
DE X.X' DE x.x%	Design exception component
#	Point identifier
R#	Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

No.	DATE	REVISIONS	BY
1	12-31-21	School Zone Flashing Beacon, Storm Sewer	L.C.H.
2	1-19-22	Sidewalk design and removed temp. const. ease.	L.C.H.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 39 AT N POLK ST.

MERRILL SITE 1 - CORNER 1 & 2

10 5 0 10

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050	M.P.: 13.72 & 13.73
CORNER POSITION	1 & 2
RAMP NO.	1 & 1

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2022.01.20 11:25:13 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC601

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

R_K22209_dt_01.dgn :: BC601 1/20/2022 1:45:18 PM STTEETER

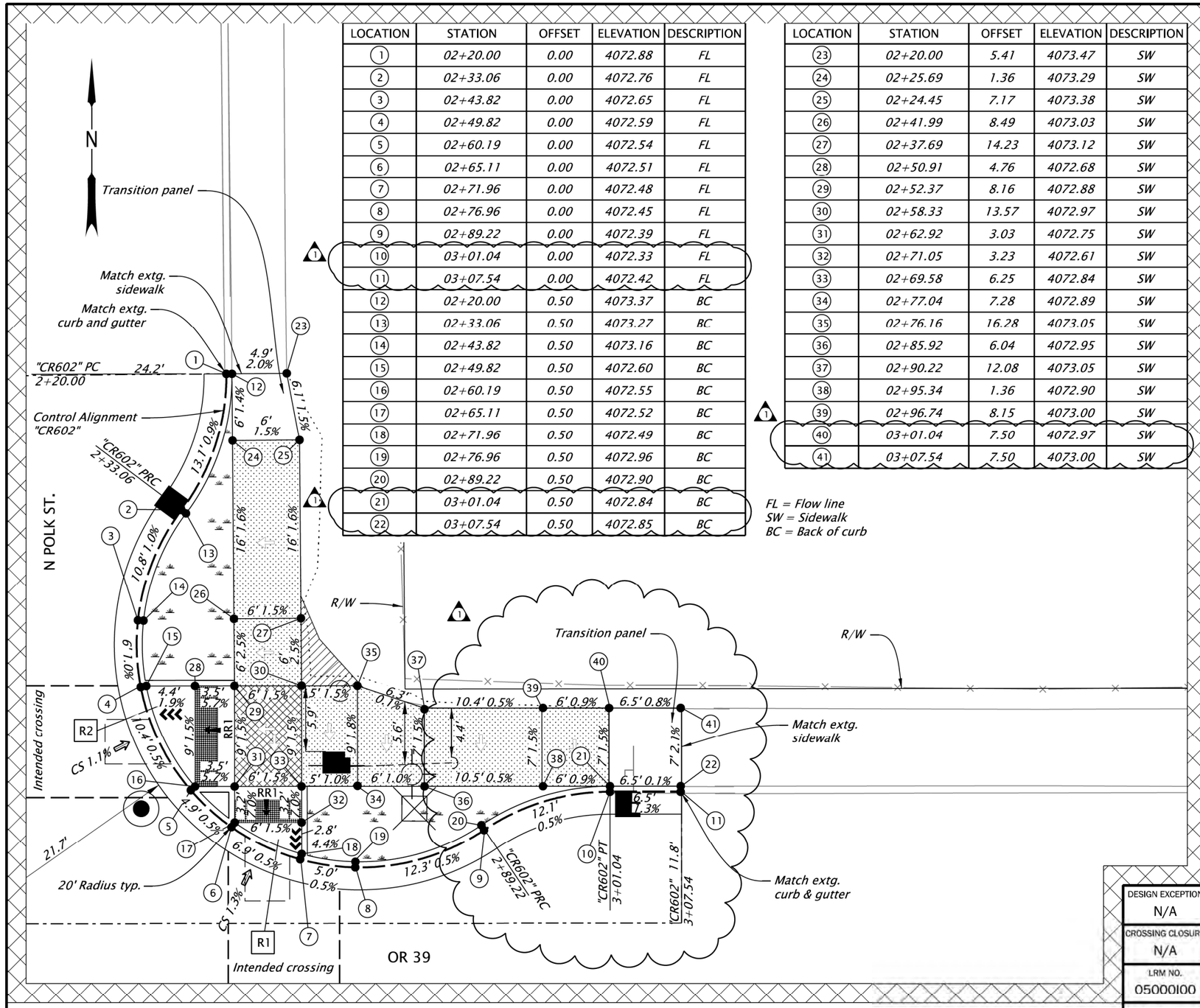
Rotation: 0° Scale: 1" = 10'

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	02+20.00	0.00	4072.88	FL
2	02+33.06	0.00	4072.76	FL
3	02+43.82	0.00	4072.65	FL
4	02+49.82	0.00	4072.59	FL
5	02+60.19	0.00	4072.54	FL
6	02+65.11	0.00	4072.51	FL
7	02+71.96	0.00	4072.48	FL
8	02+76.96	0.00	4072.45	FL
9	02+89.22	0.00	4072.39	FL
10	03+01.04	0.00	4072.33	FL
11	03+07.54	0.00	4072.42	FL
12	02+20.00	0.50	4073.37	BC
13	02+33.06	0.50	4073.27	BC
14	02+43.82	0.50	4073.16	BC
15	02+49.82	0.50	4072.60	BC
16	02+60.19	0.50	4072.55	BC
17	02+65.11	0.50	4072.52	BC
18	02+71.96	0.50	4072.49	BC
19	02+76.96	0.50	4072.96	BC
20	02+89.22	0.50	4072.90	BC
21	03+01.04	0.50	4072.84	BC
22	03+07.54	0.50	4072.85	BC

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
23	02+20.00	5.41	4073.47	SW
24	02+25.69	1.36	4073.29	SW
25	02+24.45	7.17	4073.38	SW
26	02+41.99	8.49	4073.03	SW
27	02+37.69	14.23	4073.12	SW
28	02+50.91	4.76	4072.68	SW
29	02+52.37	8.16	4072.88	SW
30	02+58.33	13.57	4072.97	SW
31	02+62.92	3.03	4072.75	SW
32	02+71.05	3.23	4072.61	SW
33	02+69.58	6.25	4072.84	SW
34	02+77.04	7.28	4072.89	SW
35	02+76.16	16.28	4073.05	SW
36	02+85.92	6.04	4072.95	SW
37	02+90.22	12.08	4073.05	SW
38	02+95.34	1.36	4072.90	SW
39	02+96.74	8.15	4073.00	SW
40	03+01.04	7.50	4072.97	SW
41	03+07.54	7.50	4073.00	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



OR 39 AT N POLK ST.

MERRILL SITE 1 - CORNER 3

10 5 0 10

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' / DE x.x% — Design exception component

Point identifier

Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

No.	DATE	REVISIONS	BY
1	12-31-21	Storm Sewer	L.C.H.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050 M.P.: 13.73	
CORNER POSITION	3
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2022.01.05 14:03:21 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC602

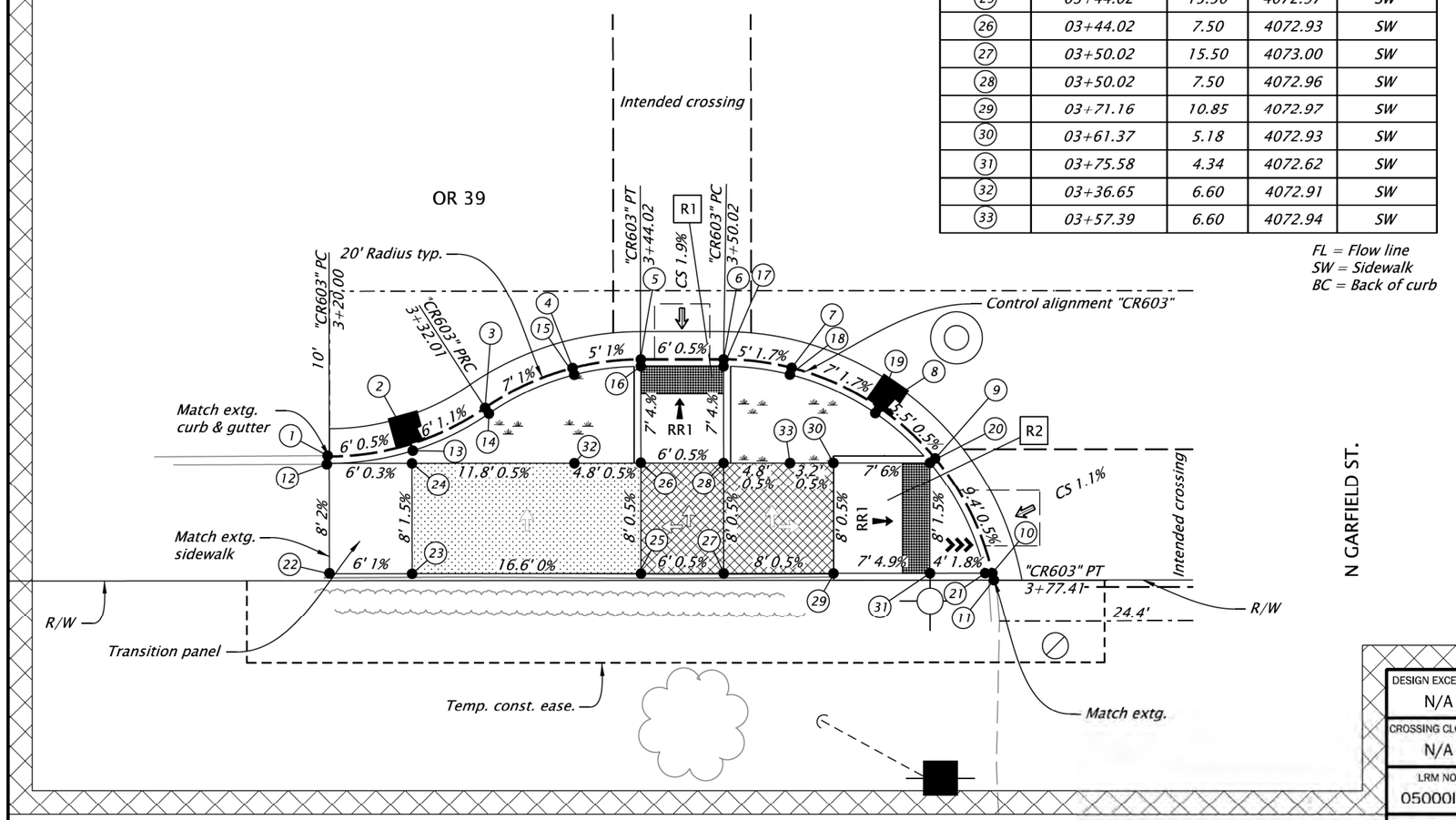
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	03+20.00	0.00	4072.49	FL
2	03+26.00	0.00	4072.46	FL
3	03+32.01	0.00	4072.52	FL
4	03+39.02	0.00	4072.59	FL
5	03+44.02	0.00	4072.64	FL
6	03+50.02	0.00	4072.67	FL
7	03+55.02	0.00	4072.59	FL
8	03+62.02	0.00	4072.47	FL
9	03+67.52	0.00	4072.49	FL
10	03+76.90	0.00	4072.54	FL
11	03+77.41	0.00	4072.54	FL
12	03+20.00	0.50	4072.87	BC

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
13	03+26.00	0.50	4072.97	BC
14	03+32.01	0.50	4073.03	BC
15	03+39.02	0.50	4073.10	BC
16	03+44.02	0.50	4072.65	BC
17	03+50.02	0.50	4072.68	BC
18	03+55.02	0.50	4073.10	BC
19	03+62.02	0.50	4072.98	BC
20	03+67.52	0.50	4072.50	BC
21	03+76.90	0.50	4072.55	BC
22	03+20.00	8.50	4073.03	SW
23	03+24.15	9.12	4072.97	SW
24	03+25.69	1.36	4072.85	SW
25	03+44.02	15.50	4072.97	SW
26	03+44.02	7.50	4072.93	SW
27	03+50.02	15.50	4073.00	SW
28	03+50.02	7.50	4072.96	SW
29	03+71.16	10.85	4072.97	SW
30	03+61.37	5.18	4072.93	SW
31	03+75.58	4.34	4072.62	SW
32	03+36.65	6.60	4072.91	SW
33	03+57.39	6.60	4072.94	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



OR 39 AT N GARFIELD ST.

MERRILL SITE 2 - CORNER 1

10 5 0 10

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' / DE x.x% — Design exception component

— Point identifier

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050 M.P.: 13.78	
CORNER POSITION	1
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 10:17:59 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC603

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

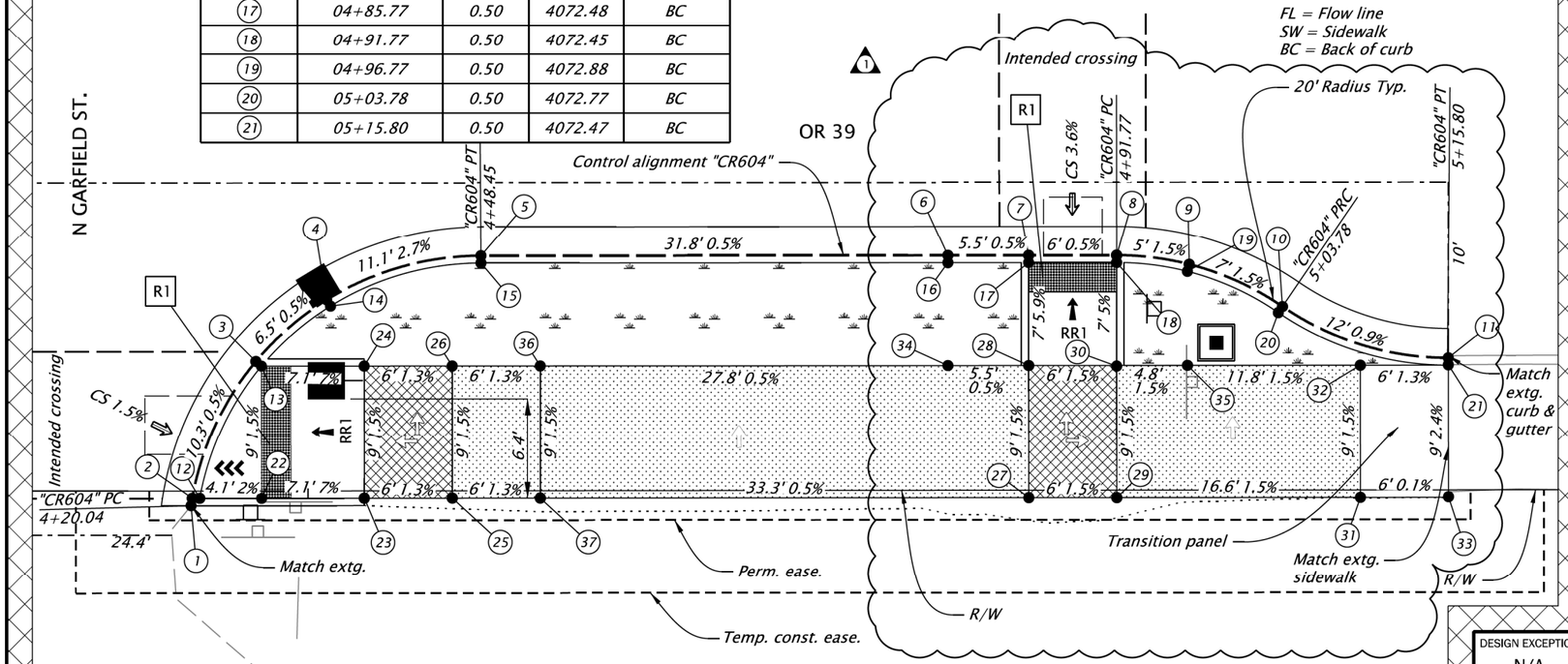
Rotation: 0° Scale: 1" = 10'

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	04+20.04	0.00	4072.46	FL
2	04+20.55	0.00	4072.45	FL
3	04+30.87	0.00	4072.40	FL
4	04+37.37	0.00	4072.36	FL
5	04+48.45	0.00	4072.66	FL
6	04+80.27	0.00	4072.50	FL
7	04+85.77	0.00	4072.47	FL
8	04+91.77	0.00	4072.44	FL
9	04+96.77	0.00	4072.37	FL
10	05+03.78	0.00	4072.26	FL
11	05+15.80	0.00	4072.15	FL
12	04+20.55	0.50	4072.46	BC
13	04+30.87	0.50	4072.40	BC
14	04+37.37	0.50	4072.87	BC
15	04+48.45	0.50	4073.17	BC
16	04+80.27	0.50	4073.01	BC
17	04+85.77	0.50	4072.48	BC
18	04+91.77	0.50	4072.45	BC
19	04+96.77	0.50	4072.88	BC
20	05+03.78	0.50	4072.77	BC
21	05+15.80	0.50	4072.47	BC

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
22	04+21.59	4.52	4072.54	SW
23	04+25.31	11.30	4073.04	SW
24	04+37.10	5.18	4072.90	SW
25	04+38.21	15.99	4073.12	SW
26	04+45.32	7.35	4072.98	SW
27	04+85.77	16.50	4073.03	SW
28	04+85.77	7.50	4072.89	SW
29	04+91.77	16.50	4072.94	SW
30	04+91.77	7.50	4072.80	SW
31	05+11.78	10.10	4072.69	SW
32	05+10.10	1.36	4072.55	SW
33	05+15.80	9.51	4072.68	SW
34	04+80.27	7.50	4072.92	SW
35	04+99.14	6.60	4072.73	SW
36	04+52.48	7.50	4073.06	SW
37	04+52.48	16.50	4073.19	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



OR 39 AT N GARFIELD ST.

MERRILL SITE 2 - CORNER 2 & 3

10 5 0 10

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' / DE x.x% — Design exception component

(#) — Point identifier

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

No.	DATE	REVISIONS	BY
1	12-31-21	Storm Sewer	L.C.H.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050	
M.P.: 13.78	
CORNER POSITION	2 & 3
RAMP NO.	1 & 1

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2022.01.06 13:27:06 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

CURB RAMP DETAILS

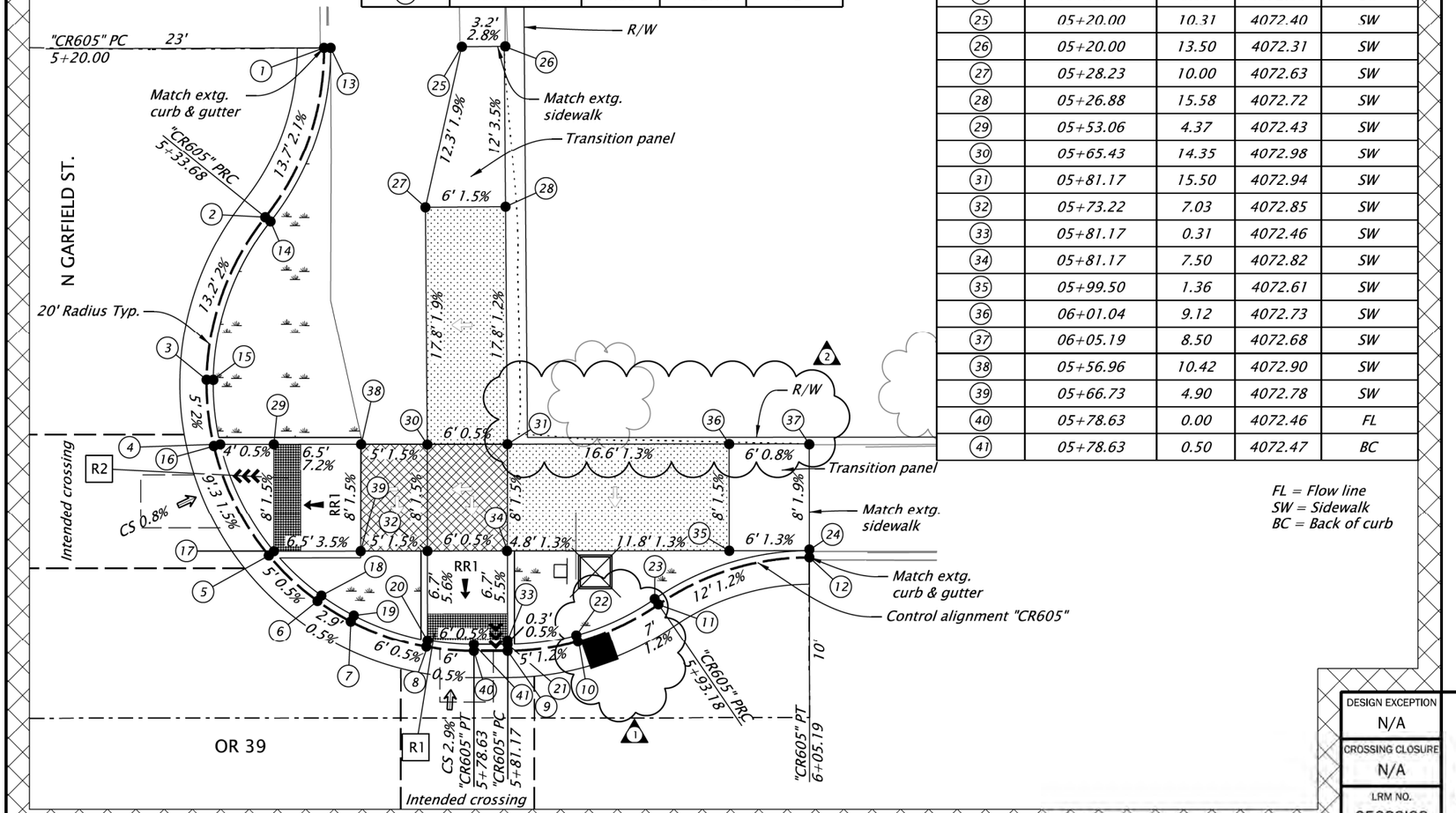
SHEET NO. BC604

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	05+20.00	0.00	4071.75	FL
2	05+33.68	0.00	4072.04	FL
3	05+46.88	0.00	4072.30	FL
4	05+51.88	0.00	4072.40	FL
5	05+61.13	0.00	4072.54	FL
6	05+66.13	0.00	4072.52	FL
7	05+69.06	0.00	4072.50	FL
8	05+75.06	0.00	4072.47	FL
9	05+81.17	0.00	4072.44	FL
10	05+86.17	0.00	4072.38	FL
11	05+93.18	0.00	4072.30	FL
12	06+05.19	0.00	4072.16	FL

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
13	05+20.00	0.50	4072.39	BC
14	05+33.68	0.50	4072.55	BC
15	05+46.88	0.50	4072.81	FL
16	05+51.88	0.50	4072.41	BC
17	05+61.13	0.50	4072.55	BC
18	05+66.13	0.50	4073.03	BC
19	05+69.06	0.50	4073.01	BC
20	05+75.06	0.50	4072.46	BC
21	05+81.17	0.50	4072.45	BC
22	05+86.17	0.50	4072.89	BC
23	05+93.18	0.50	4072.73	BC
24	06+05.19	0.50	4072.53	BC
25	05+20.00	10.31	4072.40	SW
26	05+20.00	13.50	4072.31	SW
27	05+28.23	10.00	4072.63	SW
28	05+26.88	15.58	4072.72	SW
29	05+53.06	4.37	4072.43	SW
30	05+65.43	14.35	4072.98	SW
31	05+81.17	15.50	4072.94	SW
32	05+73.22	7.03	4072.85	SW
33	05+81.17	0.31	4072.46	SW
34	05+81.17	7.50	4072.82	SW
35	05+99.50	1.36	4072.61	SW
36	06+01.04	9.12	4072.73	SW
37	06+05.19	8.50	4072.68	SW
38	05+56.96	10.42	4072.90	SW
39	05+66.73	4.90	4072.78	SW
40	05+78.63	0.00	4072.46	FL
41	05+78.63	0.50	4072.47	BC

FL = Flow line
SW = Sidewalk
BC = Back of curb



Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x%
Design exception component

(#) Point identifier

R# Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

No.	DATE	REVISIONS	BY
1	12-31-21	Storm Sewer	L.C.H.
2	1-19-22	Removed temp. const. ease.	L.C.H.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 39 AT N GARFIELD ST.

MERRILL SITE 2 - CORNER 4

10 5 0 10

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050 M.P.: 13.78	
CORNER POSITION	4
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2022.01.20 11:25:03 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

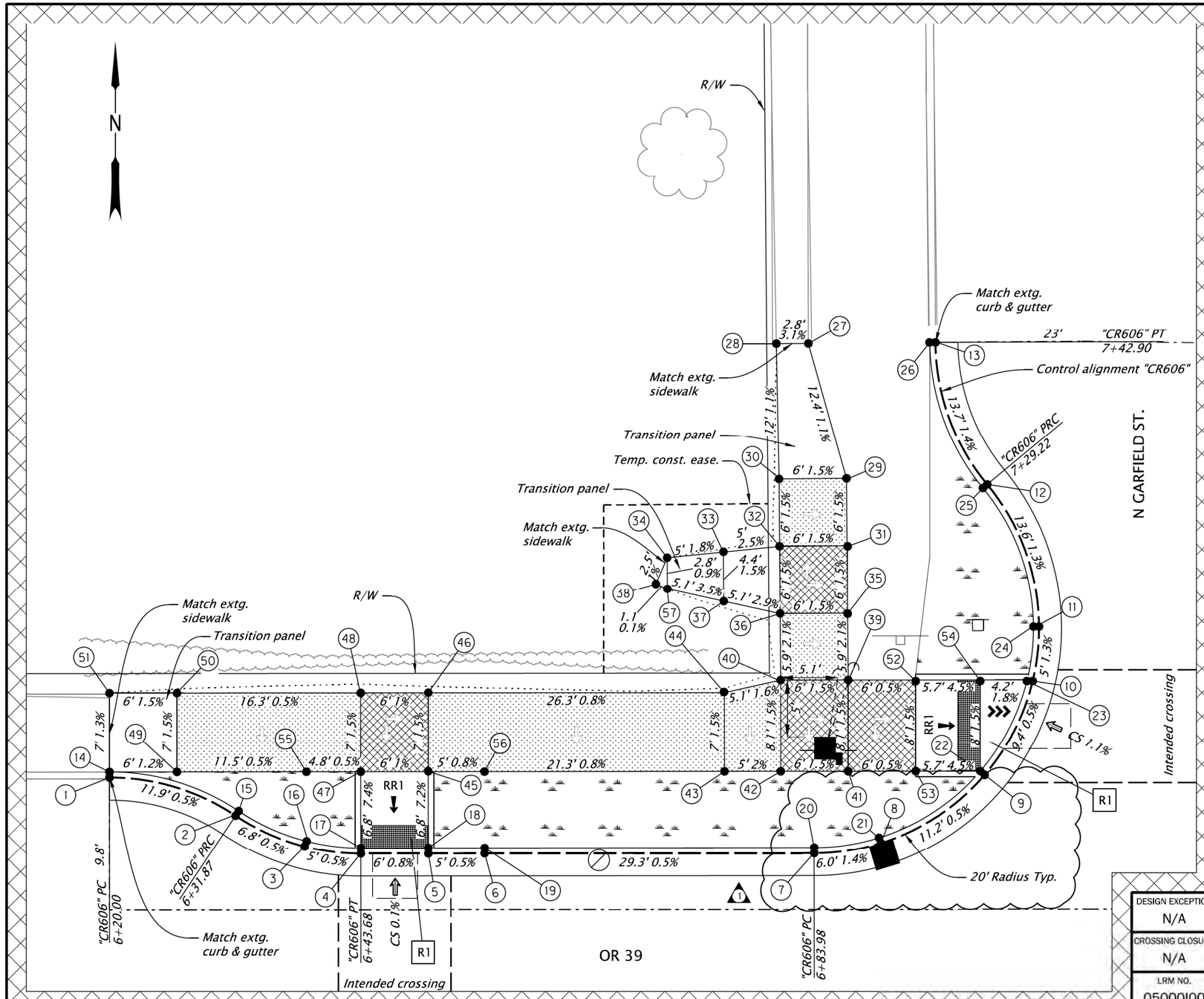
Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC605

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026



OR 39 AT N GARFIELD ST.

MERRILL SITE 2 - CORNER 5 & 6

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x% — *Design exception component*

Point identifier

Ramp number

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

No.	DATE	REVISIONS	BY
1	12-31-21	Storm Sewer	L.C.H.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050 M.P.: 13.78	
CORNER POSITION	5 & 6
RAMP NO.	1 & 1

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2022.01.05 14:06:01 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH

EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner — Reviewer: Mike Hohbach
Drafter: Stuart Smith — Checker: Tony Quinn

CURB RAMP DETAILS — SHEET NO. BC606

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1" = 10'

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	06+20.00	0.00	4072.64	FL
2	06+31.87	0.00	4072.70	FL
3	06+38.68	0.00	4072.73	FL
4	06+43.68	0.00	4072.76	FL
5	06+49.68	0.00	4072.71	FL
6	06+54.68	0.00	4072.69	FL
7	06+83.98	0.00	4072.54	FL
1 8	06+90.00	0.00	4072.46	FL
9	07+01.17	0.00	4072.51	FL
10	07+10.50	0.00	4072.56	FL
11	07+15.50	0.00	4072.50	FL
12	07+29.22	0.00	4072.32	FL
13	07+42.90	0.00	4072.13	FL
14	06+20.00	0.50	4073.12	BC
15	06+31.87	0.50	4073.21	BC
16	06+38.68	0.50	4073.24	BC
17	06+43.68	0.50	4072.77	BC
18	06+49.68	0.50	4072.72	BC
19	06+54.68	0.50	4073.20	BC
20	06+83.98	0.50	4073.05	BC
1 21	06+90.00	0.50	4072.97	BC
22	07+01.17	0.50	4072.52	BC
23	07+10.50	0.50	4072.57	BC
24	07+15.50	0.50	4073.01	BC
25	07+29.22	0.50	4072.83	BC
26	07+42.90	0.50	4072.48	BC
27	07+42.90	11.30	4072.50	SW
28	07+42.90	14.14	4072.59	SW

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
29	07+34.80	10.46	4072.63	SW
30	07+36.12	16.06	4072.72	SW
31	07+31.48	13.28	4072.72	SW
32	07+33.17	18.46	4072.81	SW
33	07+34.07	23.14	4072.69	SW
34	06+70.93	26.28	4072.60	SW
35	07+23.69	16.73	4072.81	SW
36	06+80.97	21.27	4072.90	SW
37	06+75.96	22.39	4072.75	SW
38	06+69.93	23.94	4072.57	SW
39	06+95.35	14.37	4072.93	SW
40	06+81.01	15.27	4073.02	SW
41	06+88.66	6.92	4072.81	SW
42	06+81.01	7.27	4072.90	SW
43	06+76.01	7.27	4073.00	SW
44	06+76.01	14.27	4073.11	SW
45	06+49.68	7.27	4073.21	SW
46	06+49.68	14.27	4073.32	SW
47	06+43.68	7.27	4073.27	SW
48	06+43.68	14.35	4073.38	SW
49	06+25.70	1.34	4073.19	SW
50	06+24.32	8.13	4073.30	SW
51	06+20.02	7.50	4073.21	SW
52	07+05.73	9.80	4072.90	SW
53	06+96.38	4.46	4072.78	SW
54	07+09.20	4.49	4072.65	SW
55	06+36.43	6.39	4073.25	SW
56	06+54.68	7.27	4073.17	SW
57	06+70.95	23.50	4072.57	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x%
Design exception component

Point identifier

R# Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

No.	DATE	REVISIONS	BY
1	12-31-21	Storm Sewer	L.C.H.

OR 39 AT N GARFIELD ST.

MERRILL SITE 2 - CORNER 5 & 6 ELEVATIONS

10 5 0 10

DESIGN EXCEPTION: N/A
CROSSING CLOSURE: N/A
LRM NO.: 05000100
HWY: 050
M.P.: 13.78
CORNER POSITION: 5 & 6
RAMP NO.: 1 & 1

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2022.01.05 14:02:30 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

ADA CURB RAMP PILOT PROGRAM PROJECT

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner
Drafter: Stuart Smith
Reviewer: Mike Hohbach
Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC606A

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

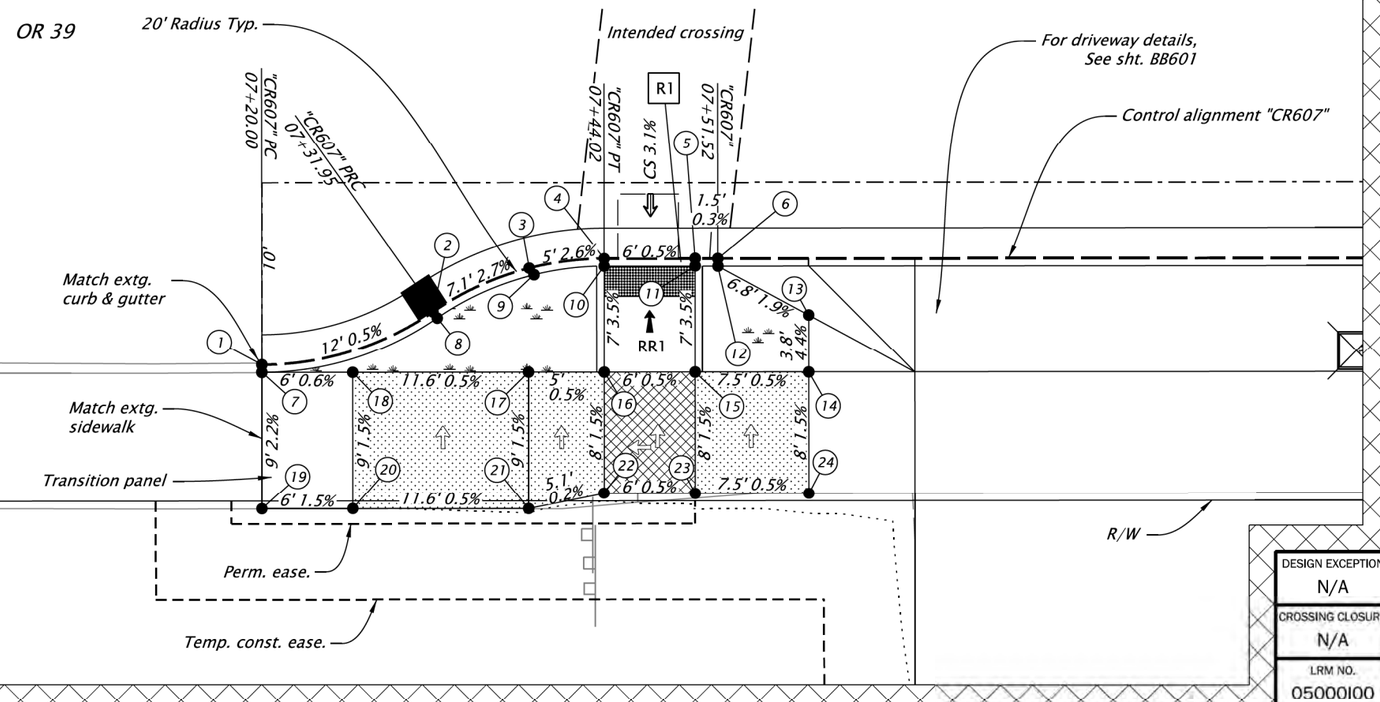
Rotation: 0° Scale: 1" = 10'

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	07+20.00	0.00	4071.83	FL
2	07+31.95	0.00	4071.77	FL
3	07+39.02	0.00	4071.96	FL
4	07+44.02	0.00	4072.09	FL
5	07+50.02	0.00	4072.12	FL
6	07+51.52	0.00	4072.12	FL
7	07+20.00	0.50	4072.29	BC
8	07+31.95	0.50	4072.28	BC
9	07+39.02	0.50	4072.47	BC
10	07+44.02	0.50	4072.10	BC
11	07+50.02	0.50	4072.13	BC
12	07+51.52	0.50	4072.63	BC
13	07+57.52	3.50	4072.50	SW
14	07+57.53	7.50	4072.34	SW
15	07+50.03	7.50	4072.37	SW
16	07+44.02	7.50	4072.34	SW

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
17	07+36.42	6.54	4072.32	SW
18	07+25.69	1.36	4072.26	SW
19	07+20.00	9.50	4072.48	SW
20	07+24.01	10.10	4072.39	SW
21	07+30.76	14.35	4072.45	SW
22	07+44.02	15.50	4072.46	SW
23	07+50.02	15.50	4072.49	SW
24	07+57.52	15.50	4072.46	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



OR 39 AT N JEFFERSON ST.

MERRILL SITE 3 - CORNER 1

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' / DE x.x% — Design exception component

\# — Point identifier

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050	
M.P.: 13.85	
CORNER POSITION	1
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 09:22:14 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner — Reviewer: Mike Hohbach
Drafter: Stuart Smith — Checker: Tony Quinn

CURB RAMP DETAILS — SHEET NO. BC607

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

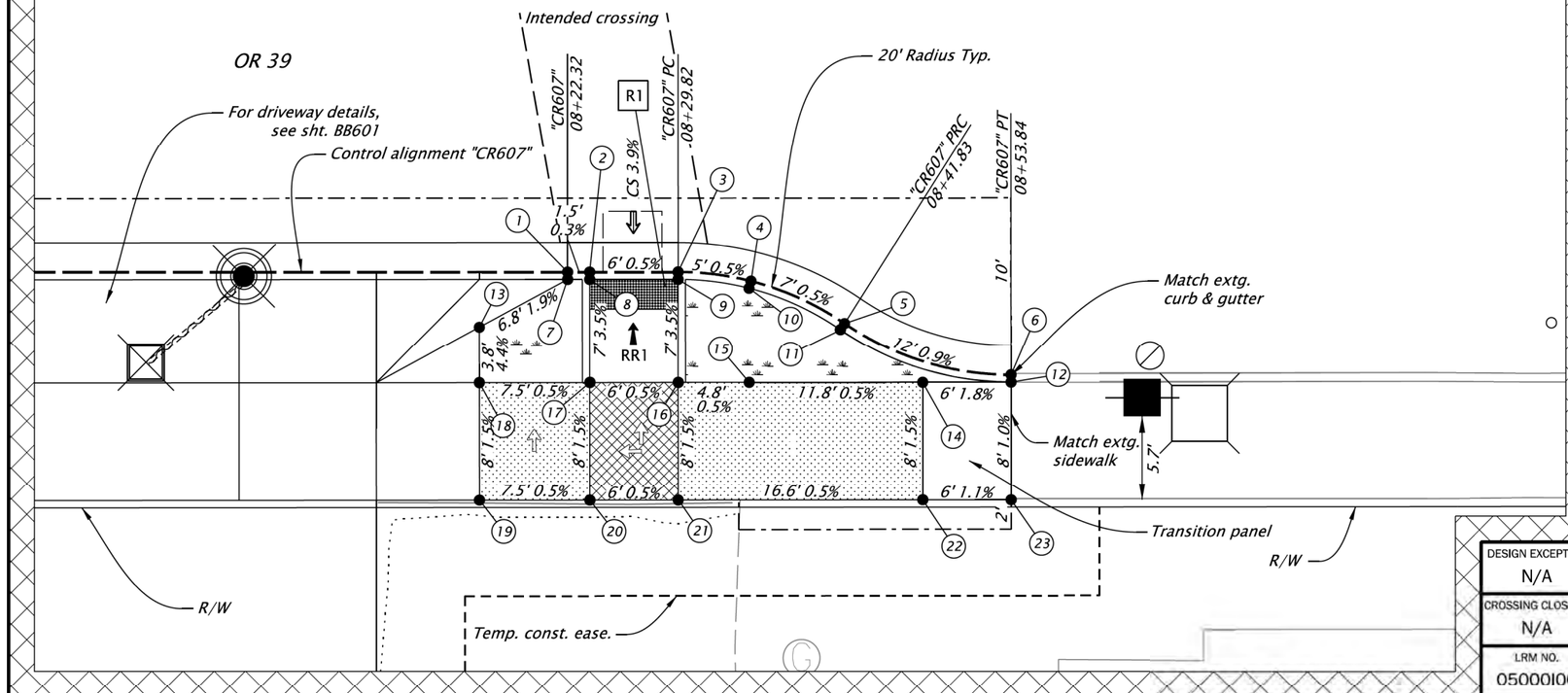
Rotation: 0° Scale: 1" = 10'

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	08+22.32	0.00	4071.99	FL
2	08+23.82	0.00	4071.98	FL
3	08+29.82	0.00	4071.95	FL
4	08+34.82	0.00	4071.93	FL
5	08+41.83	0.00	4071.89	FL
6	08+53.84	0.00	4071.78	FL
7	08+22.32	0.50	4072.50	BC
8	08+23.82	0.50	4071.99	BC
9	08+29.82	0.50	4071.96	BC
10	08+34.82	0.50	4072.44	BC
11	08+41.83	0.50	4072.40	BC
12	08+53.84	0.50	4072.24	BC
13	08+16.32	3.70	4072.37	SW
14	08+48.15	1.36	4072.13	SW
15	08+37.19	6.60	4072.18	SW
16	08+29.82	7.50	4072.21	SW

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
17	08+23.82	7.50	4072.24	SW
18	08+16.32	7.50	4072.20	SW
19	08+16.32	15.50	4072.32	SW
20	08+23.82	15.50	4072.36	SW
21	08+29.82	15.50	4072.33	SW
22	08+49.69	9.12	4072.25	SW
23	08+53.84	8.50	4072.31	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



OR 39 AT N JEFFERSON ST.

MERRILL SITE 3 - CORNER 2

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x%
Design exception component

Point identifier

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050 M.P.: 13.85	
CORNER POSITION	2
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 10:17:30 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

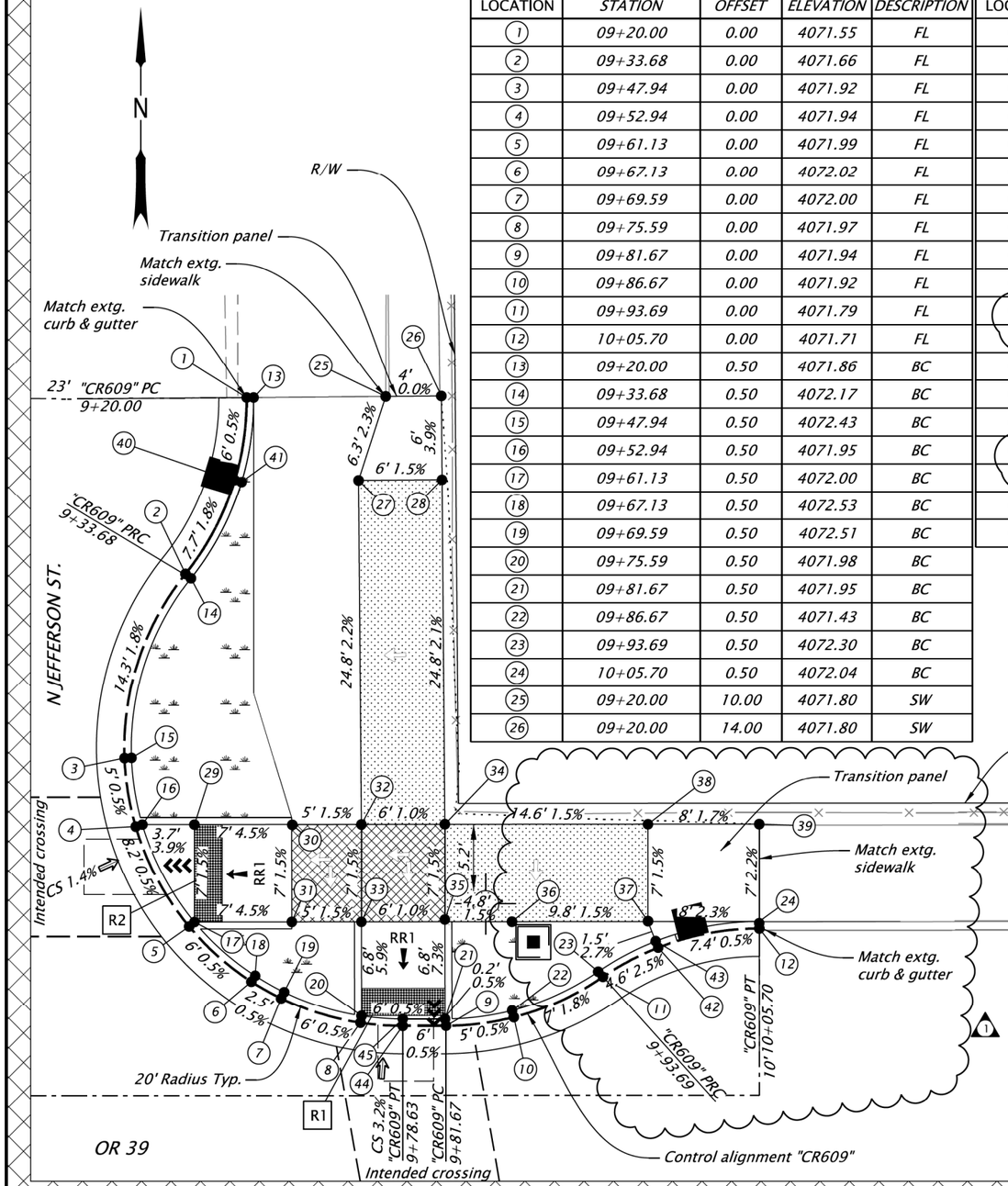
Designer: Landon Hepfner
Drafter: Stuart Smith
Reviewer: Mike Hohbach
Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC608

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1" = 10'



LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	09+20.00	0.00	4071.55	FL
2	09+33.68	0.00	4071.66	FL
3	09+47.94	0.00	4071.92	FL
4	09+52.94	0.00	4071.94	FL
5	09+61.13	0.00	4071.99	FL
6	09+67.13	0.00	4072.02	FL
7	09+69.59	0.00	4072.00	FL
8	09+75.59	0.00	4071.97	FL
9	09+81.67	0.00	4071.94	FL
10	09+86.67	0.00	4071.92	FL
11	09+93.69	0.00	4071.79	FL
12	10+05.70	0.00	4071.71	FL
13	09+20.00	0.50	4071.86	BC
14	09+33.68	0.50	4072.17	BC
15	09+47.94	0.50	4072.43	BC
16	09+52.94	0.50	4071.95	BC
17	09+61.13	0.50	4072.00	BC
18	09+67.13	0.50	4072.53	BC
19	09+69.59	0.50	4072.51	BC
20	09+75.59	0.50	4071.98	BC
21	09+81.67	0.50	4071.95	BC
22	09+86.67	0.50	4071.43	BC
23	09+93.69	0.50	4072.30	BC
24	10+05.70	0.50	4072.04	BC
25	09+20.00	10.00	4071.80	SW
26	09+20.00	14.00	4071.80	SW

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
27	09+24.22	8.64	4071.95	SW
28	09+23.49	14.53	4072.04	SW
29	09+54.26	4.05	4072.10	SW
30	09+59.30	10.32	4072.42	SW
31	09+67.29	5.18	4072.31	SW
32	09+68.76	13.75	4072.49	SW
33	09+73.98	7.15	4072.39	SW
34	09+81.67	14.50	4072.55	SW
35	09+81.67	7.50	4072.45	SW
36	09+89.04	6.60	4072.37	SW
37	09+98.26	2.01	4072.23	SW (1)
38	10+00.04	8.64	4072.33	SW
39	10+05.57	7.50	4072.20	SW
40	09+26.00	0.00	4071.52	FL
41	09+26.00	0.50	4072.03	BC
42	09+98.26	0.00	4071.68	FL (1)
43	09+98.26	0.50	4072.19	BC
44	09+78.63	0.00	4071.94	FL
45	09+78.63	0.50	4071.95	BC

FL = Flow line
SW = Sidewalk
BC = Back of curb

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x%
Design exception component

(#) Point identifier

R# Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

No.	DATE	REVISIONS	BY
1	12-31-21	Storm Sewer	L.C.H.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 39 AT N JEFFERSON ST.

MERRILL SITE 3 - CORNER 3

10 5 0 10

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050 M.P.: 13.85	
CORNER POSITION	3
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2022.01.06 11:13:27 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner
Drafter: Stuart Smith
Reviewer: Mike Hohbach
Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC609

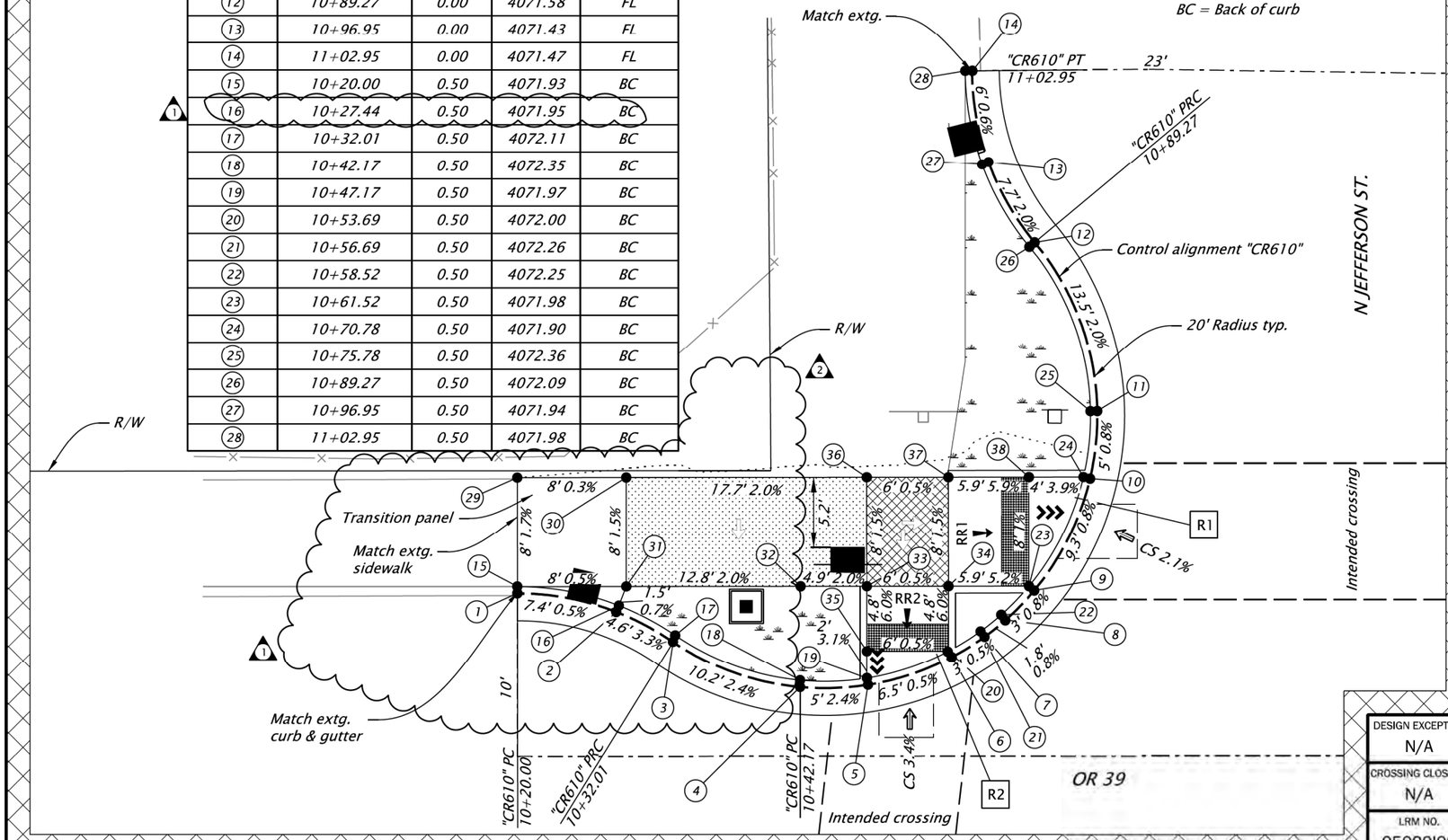
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	10+20.00	0.00	4071.48	FL
2	10+27.44	0.00	4071.44	FL
3	10+32.01	0.00	4071.60	FL
4	10+42.17	0.00	4071.84	FL
5	10+47.17	0.00	4071.96	FL
6	10+53.69	0.00	4071.99	FL
7	10+56.69	0.00	4072.01	FL
8	10+58.52	0.00	4071.99	FL
9	10+61.52	0.00	4071.97	FL
10	10+70.78	0.00	4071.89	FL
11	10+75.78	0.00	4071.85	FL
12	10+89.27	0.00	4071.58	FL
13	10+96.95	0.00	4071.43	FL
14	11+02.95	0.00	4071.47	FL
15	10+20.00	0.50	4071.93	BC
16	10+27.44	0.50	4071.95	BC
17	10+32.01	0.50	4072.11	BC
18	10+42.17	0.50	4072.35	BC
19	10+47.17	0.50	4071.97	BC
20	10+53.69	0.50	4072.00	BC
21	10+56.69	0.50	4072.26	BC
22	10+58.52	0.50	4072.25	BC
23	10+61.52	0.50	4071.98	BC
24	10+70.78	0.50	4071.90	BC
25	10+75.78	0.50	4072.36	BC
26	10+89.27	0.50	4072.09	BC
27	10+96.95	0.50	4071.94	BC
28	11+02.95	0.50	4071.98	BC

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
29	10+20.00	8.50	4072.06	SW
30	10+25.47	9.60	4072.09	SW
31	10+27.44	2.01	4071.97	SW
32	10+41.16	7.37	4072.25	SW
33	10+48.82	7.13	4072.32	SW
34	10+56.57	4.56	4072.29	SW
35	10+47.53	2.46	4072.03	SW
36	10+55.96	14.56	4072.44	SW
37	10+66.22	9.89	4072.41	SW
38	10+69.60	4.37	4072.06	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



OR 39 AT N JEFFERSON ST.

MERRILL SITE 3 - CORNER 4

10 5 0 10

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' DE x.x% — Design exception component

— Point identifier

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

No.	DATE	REVISIONS	BY
1	12-31-21	Storm Sewer	L.C.H.
2	1-19-22	Removed temp. const. ease.	L.C.H.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050 M.P.: 13.85	
CORNER POSITION	4
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2022.01.20 11:24:52 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

CURB RAMP DETAILS

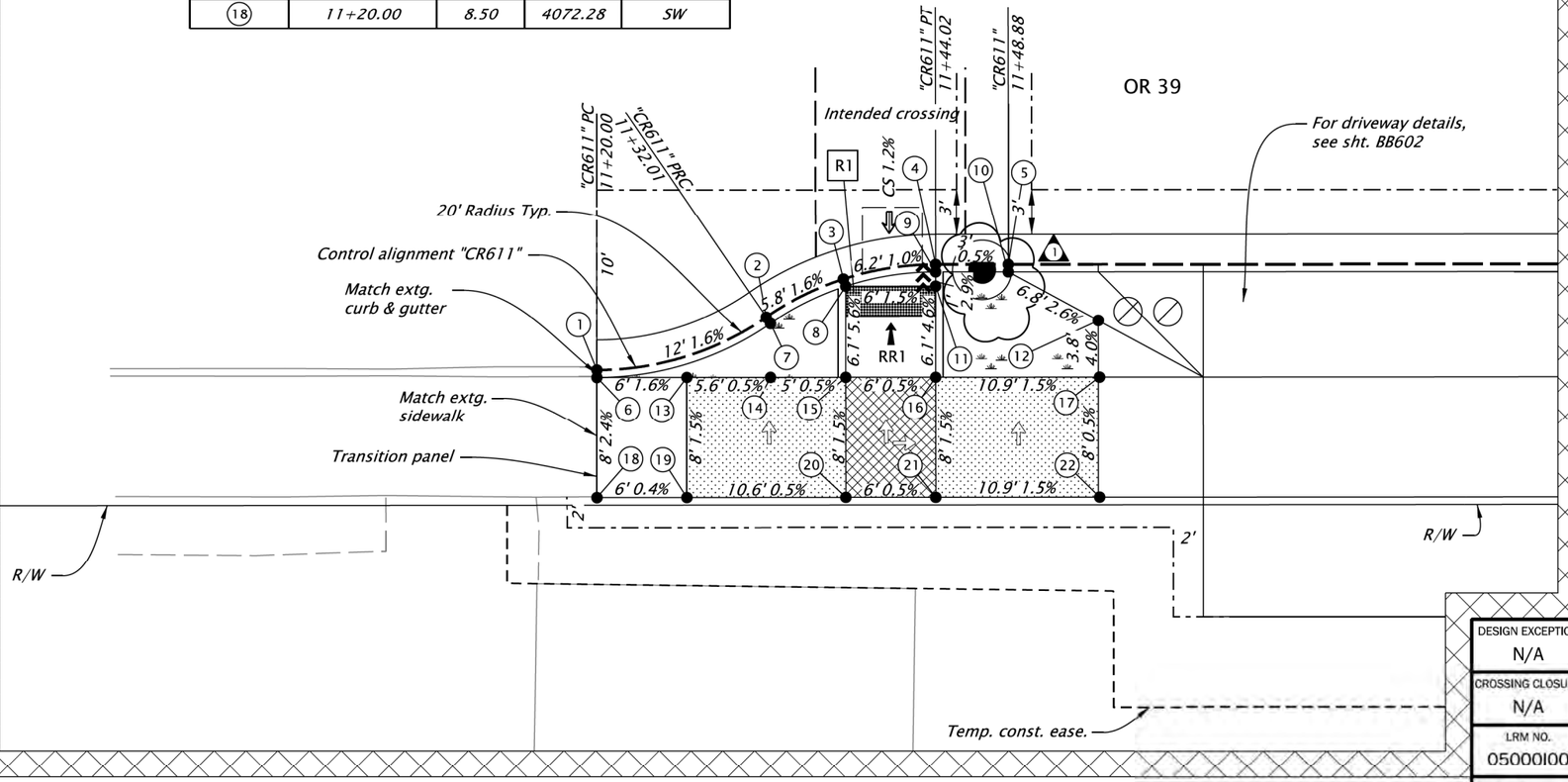
SHEET NO. BC610

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	11+20.00	0.00	4071.60	FL
2	11+32.01	0.00	4071.79	FL
3	11+37.77	0.00	4071.89	FL
4	11+44.02	0.00	4071.95	FL
5	11+48.88	0.00	4071.92	FL
6	11+20.00	0.50	4072.09	BC
7	11+32.01	0.50	4072.30	BC
8	11+37.77	0.50	4071.90	BC
9	11+44.02	0.50	4071.96	BC
10	11+48.88	0.50	4072.43	BC
11	11+44.02	1.45	4071.99	SW
12	11+54.96	3.73	4072.25	SW
13	11+25.69	1.36	4072.18	SW
14	11+30.29	3.55	4072.21	SW
15	11+35.07	6.13	4072.24	SW
16	11+44.02	7.50	4072.27	SW
17	11+54.88	7.50	4072.10	SW
18	11+20.00	8.50	4072.28	SW

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
19	11+24.15	9.12	4072.31	SW
20	11+30.55	12.98	4072.36	SW
21	11+44.02	15.50	4072.39	SW
22	11+54.96	15.50	4072.22	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



OR 39 AT N MONROE ST.

MERRILL SITE 4 - CORNER 1

10 5 0 10

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' / DE x.x% — *Design exception component*

\# — *Point identifier*

R# — *Ramp number*

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

No.	DATE	REVISIONS	BY
1	12-31-21	Storm Sewer	L.C.H.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050 M.P.: 13.91	
CORNER POSITION	1
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2022.01.05 14:17:07 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH

EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner — Reviewer: Mike Hohbach
Drafter: Stuart Smith — Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC611

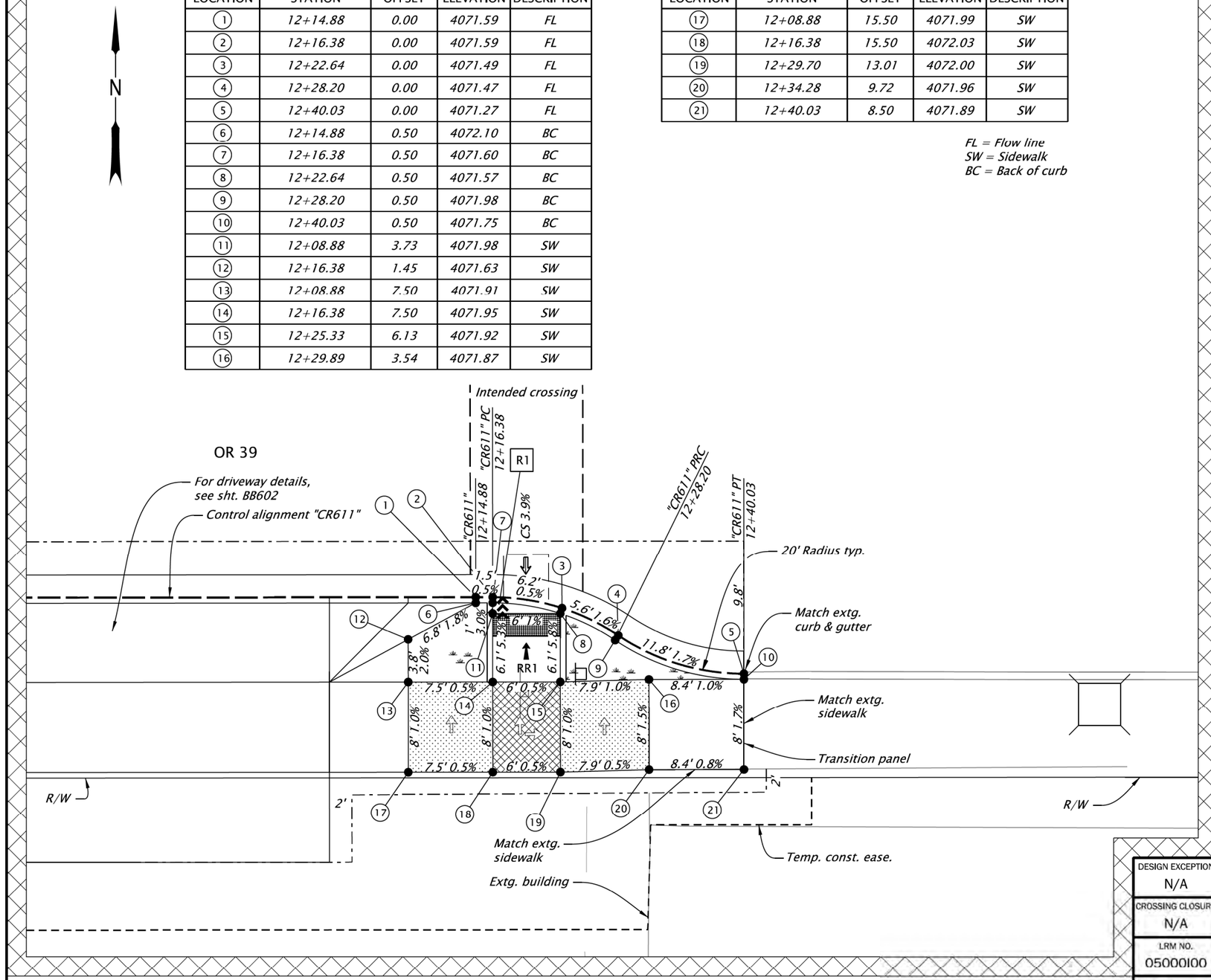
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	12+14.88	0.00	4071.59	FL
2	12+16.38	0.00	4071.59	FL
3	12+22.64	0.00	4071.49	FL
4	12+28.20	0.00	4071.47	FL
5	12+40.03	0.00	4071.27	FL
6	12+14.88	0.50	4072.10	BC
7	12+16.38	0.50	4071.60	BC
8	12+22.64	0.50	4071.57	BC
9	12+28.20	0.50	4071.98	BC
10	12+40.03	0.50	4071.75	BC
11	12+08.88	3.73	4071.98	SW
12	12+16.38	1.45	4071.63	SW
13	12+08.88	7.50	4071.91	SW
14	12+16.38	7.50	4071.95	SW
15	12+25.33	6.13	4071.92	SW
16	12+29.89	3.54	4071.87	SW

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
17	12+08.88	15.50	4071.99	SW
18	12+16.38	15.50	4072.03	SW
19	12+29.70	13.01	4072.00	SW
20	12+34.28	9.72	4071.96	SW
21	12+40.03	8.50	4071.89	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x%
Design exception component

Point identifier

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 39 AT N MONROE ST.

MERRILL SITE 4 - CORNER 2

10 5 0 10

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050	M.P.: 13.91
CORNER POSITION	2
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 09:28:48 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

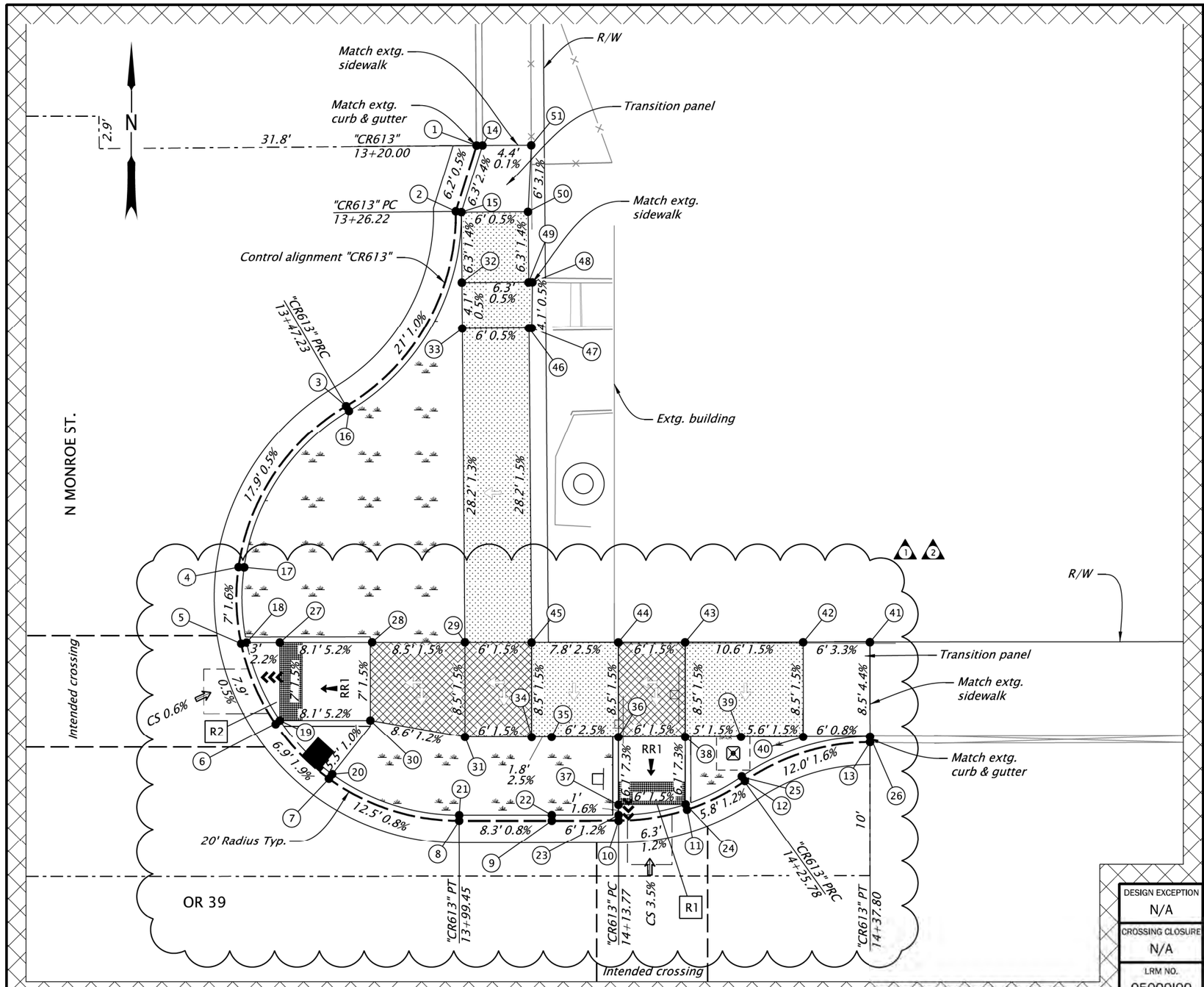
Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC612

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026



OR 39 AT N MONROE ST.

MERRILL SITE 4 - CORNER 3

10 5 0 10

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x%
Design exception component

Point identifier

Ramp number

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

No.	DATE	REVISIONS	BY
1	12-31-21	School Zone Flashing Beacon, Storm Sewer	L.C.H.
2	1-19-22	Removed temp. const. ease.	L.C.H.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050 M.P.: 13.91	
CORNER POSITION	3
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2022.01.20 11:24:42 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH

EXPIRES 6-30-23

EMERIO
ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC613

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	13+20.00	0.00	4071.52	FL
2	13+26.22	0.00	4071.56	FL
3	13+47.23	0.00	4071.77	FL
4	13+65.16	0.00	4071.86	FL
5	13+72.16	0.00	4071.74	FL
6	13+80.02	0.00	4071.70	FL
7	13+86.95	0.00	4071.57	FL
8	13+99.45	0.00	4071.67	FL
9	14+07.77	0.00	4071.74	FL
10	14+13.77	0.00	4071.66	FL
11	14+20.03	0.00	4071.59	FL
12	14+25.78	0.00	4071.52	FL
13	14+37.80	0.00	4071.33	FL
14	13+20.00	0.50	4071.92	BC
15	13+26.22	0.50	4072.07	BC
16	13+47.23	0.50	4072.28	BC
17	13+65.16	0.50	4072.37	BC
18	13+72.16	0.50	4071.75	BC
19	13+80.02	0.50	4071.71	BC
20	13+86.95	0.50	4072.08	BC
21	13+99.45	0.50	4072.18	BC
22	14+07.77	0.50	4072.25	BC
23	14+13.77	0.50	4072.67	BC
24	14+20.03	0.50	4071.60	BC
25	14+25.78	0.50	4072.03	BC
26	14+37.80	0.50	4071.84	BC
27	13+72.90	3.41	4071.82	SW
28	13+77.34	11.09	4072.24	SW

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
29	13+99.98	16.00	4072.37	SW
30	13+86.91	6.42	4072.13	SW
31	13+99.98	7.50	4072.24	SW
32	13+32.29	1.46	4071.98	SW
33	13+35.72	3.01	4072.00	SW
34	14+05.98	7.50	4072.33	SW
35	14+07.77	7.50	4072.28	SW
36	14+13.77	7.50	4072.13	SW
37	14+13.77	1.45	4071.69	SW
38	14+22.72	6.13	4072.04	SW
39	14+27.51	3.55	4071.97	SW
40	14+32.10	1.36	4071.88	SW
41	14+37.80	9.00	4072.21	SW
42	14+33.71	9.61	4072.01	SW
43	14+27.39	13.42	4072.17	SW
44	14+13.77	16.00	4072.26	SW
45	14+05.98	16.00	4072.46	SW
46	13+33.80	8.49	4072.03	SW
47	13+33.74	8.72	4072.03	SW
48	13+30.93	7.58	4072.01	SW
49	13+30.98	7.25	4072.01	SW
50	13+24.30	6.21	4072.10	SW
51	13+19.96	4.92	4071.92	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x% *Design exception component*

Point identifier

R# *Ramp number*

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

No.	DATE	REVISIONS	BY
1	12-31-21	Storm Sewer	L.C.H.

OR 39 AT N MONROE ST.

MERRILL SITE 4 - CORNER 3

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050 M.P.: 13.91	
CORNER POSITION	3
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2022.01.05 14:16:26 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

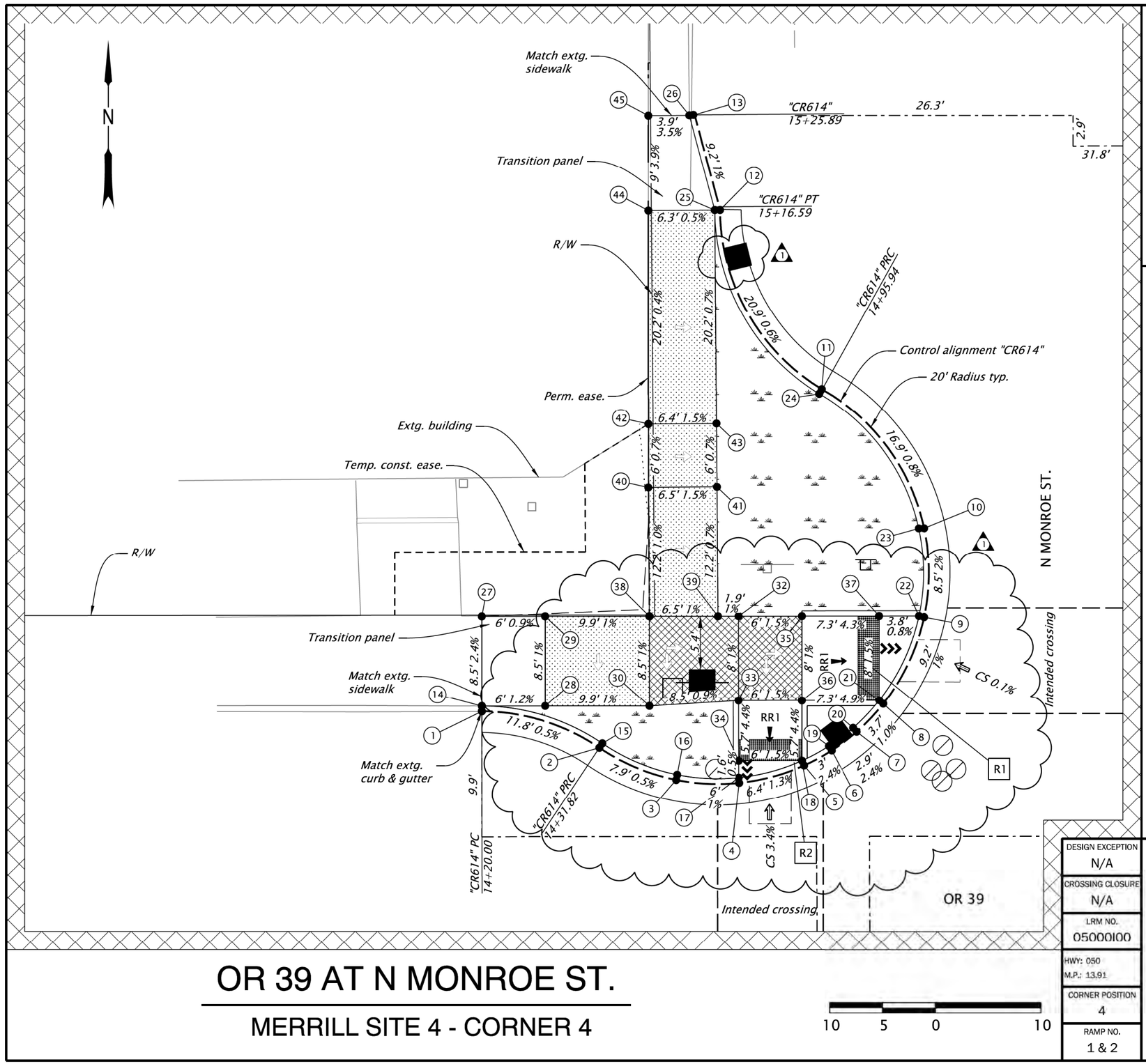
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC613A

55V-026



OR 39 AT N MONROE ST.

MERRILL SITE 4 - CORNER 4

10 5 0 10

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' / DE x.x% — Design exception component

(#) — Point identifier

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

No.	DATE	REVISIONS	BY
1	12-31-21	Storm Sewer	L.C.H.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050 M.P.: 13.91	
CORNER POSITION	4
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2022.01.05 14:16:04 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner — Reviewer: Mike Hohbach
Drafter: Stuart Smith — Checker: Tony Quinn

CURB RAMP DETAILS — SHEET NO. BC614

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1" = 10'

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	14+20.00	0.00	4071.69	FL
2	14+31.82	0.00	4071.75	FL
3	14+39.75	0.00	4071.79	FL
4	14+45.75	0.00	4071.73	FL
5	14+52.14	0.00	4071.65	FL
6	14+55.12	0.00	4071.58	FL
7	14+58.06	0.00	4071.51	FL
8	14+61.73	0.00	4071.54	FL
9	14+70.88	0.00	4071.63	FL
10	14+79.38	0.00	4071.80	FL
11	14+95.94	0.00	4071.94	FL
12	15+16.59	0.00	4071.81	FL
13	15+25.89	0.00	4071.90	FL
14	14+20.00	0.50	4072.10	BC
15	14+31.82	0.50	4072.26	BC
16	14+39.75	0.50	4072.30	BC
17	14+45.75	0.50	4071.74	BC
18	14+52.14	0.50	4071.66	BC
19	14+55.12	0.50	4072.09	BC
20	14+58.06	0.50	4072.02	BC
21	14+61.73	0.50	4071.55	BC
22	14+70.88	0.50	4071.64	BC
23	14+79.38	0.50	4072.31	BC
24	14+95.94	0.50	4072.45	BC
25	15+16.59	0.50	4072.36	BC
26	15+25.89	0.50	4071.90	BC
27	14+20.00	9.00	4072.31	SW
28	14+25.69	1.38	4072.18	SW
29	14+24.05	9.63	4072.26	SW
30	14+34.25	5.82	4072.08	SW
31	--	--	--	--
32	14+52.64	15.43	4072.08	SW
33	14+46.95	7.72	4072.00	SW
34	14+45.93	2.09	4071.75	SW
35	14+65.60	11.03	4071.99	SW
36	14+55.36	5.50	4071.91	SW
37	14+69.87	4.18	4071.67	SW
38	14+29.98	13.10	4072.16	SW
39	14+52.64	15.43	4072.10	SW
40	15+01.18	17.63	4072.28	SW
41	14+98.45	13.28	4072.18	SW
42	15+03.72	13.69	4072.32	SW
43	15+01.03	8.79	4072.22	SW
44	15+18.30	6.58	4072.39	SW
45	15+25.89	4.40	4072.04	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x%
Design exception component

Point identifier

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

No.	DATE	REVISIONS	BY
1	12-31-21	Storm Sewer	L.C.H.

OR 39 AT N MONROE ST.

MERRILL SITE 4 - CORNER 4

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050 M.P.: 13.91	
CORNER POSITION	4
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2022.01.05 14:15:30 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH

EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner
Drafter: Stuart Smith
Reviewer: Mike Hohbach
Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC614A

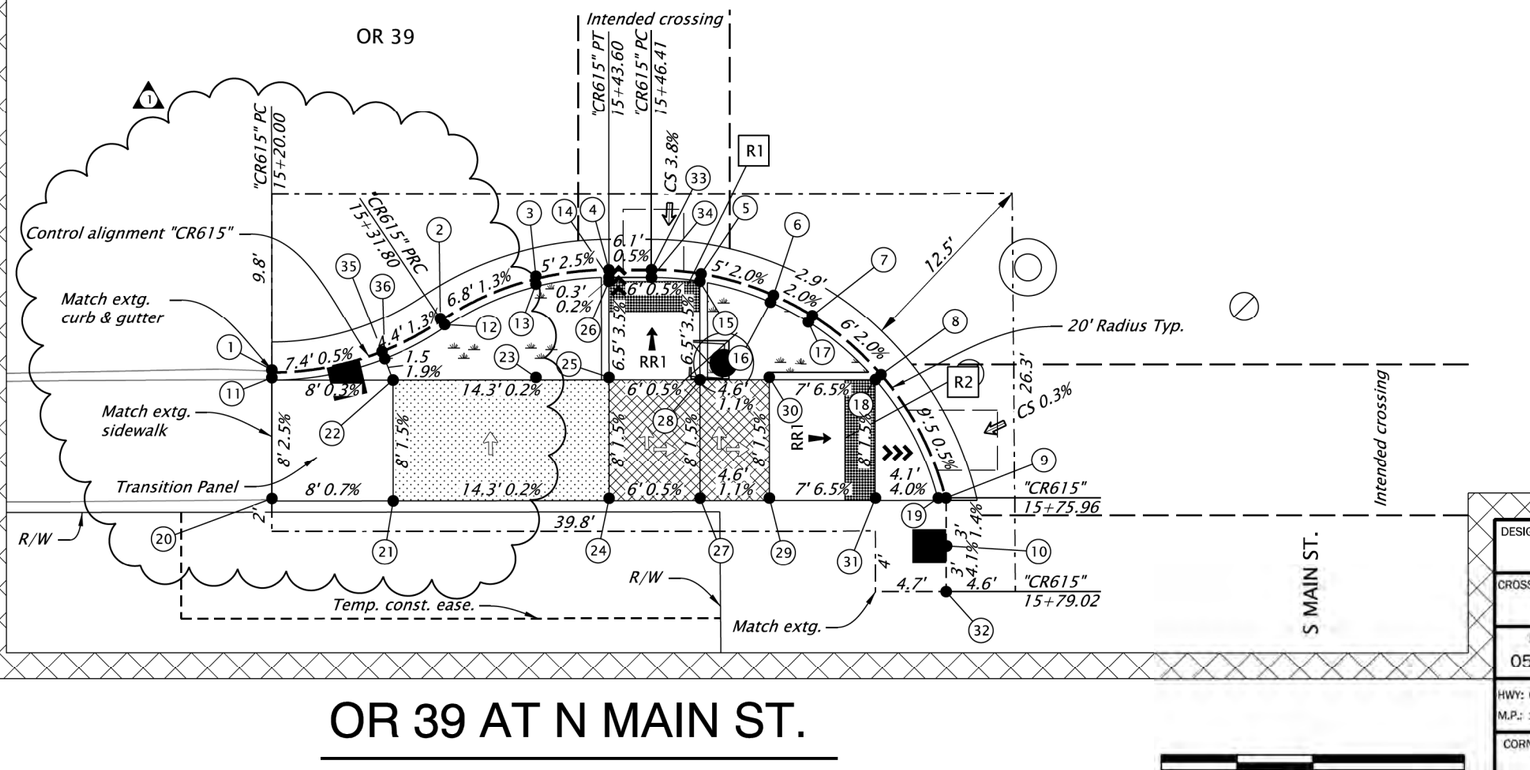
FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	15+20.00	0.00	4070.80	FL
2	15+31.80	0.00	4070.82	FL
3	15+38.60	0.00	4070.91	FL
4	15+43.60	0.00	4071.04	FL
5	15+49.70	0.00	4071.01	FL
6	15+54.70	0.00	4070.91	FL
7	15+57.60	0.00	4070.85	FL
8	15+63.60	0.00	4070.73	FL
9	15+73.05	0.00	4070.68	FL
10	15+75.96	0.00	4070.64	FL
11	15+20.00	0.50	4071.28	BC
12	15+31.80	0.50	4071.33	BC
13	15+38.60	0.50	4071.42	BC
14	15+43.60	0.50	4071.05	BC
15	15+49.70	0.50	4071.02	BC
16	15+54.70	0.50	4071.42	BC
17	15+57.60	0.50	4071.36	BC
18	15+63.60	0.50	4071.74	BC
19	15+73.05	0.50	4070.69	BC

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
20	15+20.00	8.50	4071.48	SW
21	15+25.47	9.60	4071.42	SW
22	15+27.44	2.01	4071.30	SW
23	15+36.29	6.37	4071.29	SW
24	15+43.60	15.26	4071.40	SW
25	15+43.60	7.26	4071.28	SW
26	15+43.60	0.76	4071.05	SW
27	15+58.27	14.29	4071.37	SW
28	15+51.32	6.87	4071.25	SW
29	15+66.88	10.90	4071.32	SW
30	15+57.37	5.08	4071.20	SW
31	15+71.62	4.49	4070.86	SW
32	15+79.02	0.00	4070.76	FL
33	15+46.41	0.00	4071.02	FL
34	15+46.41	0.50	4071.03	BC
35	15+27.44	0.00	4070.77	FL
36	15+27.44	0.50	4071.28	BC

FL = Flow line
SW = Sidewalk
BC = Back of curb



OR 39 AT N MAIN ST.

MERRILL SITE 5 - CORNER 1

10 5 0 10

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x%
Design exception component

Point identifier

R#
Ramp number

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

No.	DATE	REVISIONS	BY
1	12-31-21	Storm Sewer	L.C.H.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050 M.P.: 13.99	
CORNER POSITION	1
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2022.01.05 14:14:45 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

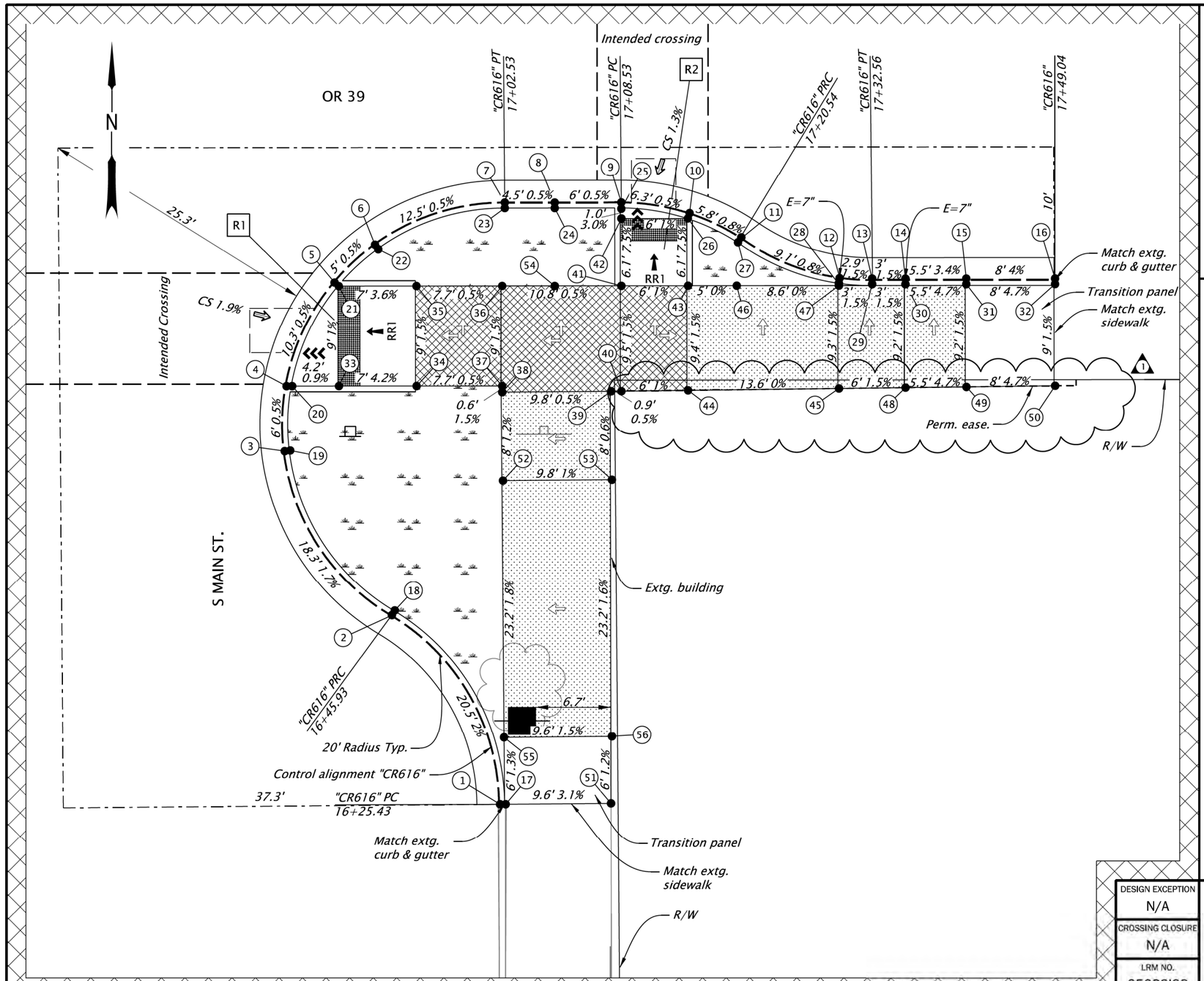
Designer: Landon Hepfner | Reviewer: Mike Hohbach
Drafter: Stuart Smith | Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC615

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' DE x.x% — Design exception component

— Point identifier

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

No.	DATE	REVISIONS	BY
1	1-19-22	Removed temp. const. ease.	L.C.H.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 39 AT N MAIN ST.

MERRILL SITE 5 - CORNER 2

10 5 0 10

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050 M.P.: 13.99	
CORNER POSITION	2
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2022.01.20 11:24:31 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH

EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC616

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	16+25.43	0.00	4070.24	FL
2	16+45.93	0.00	4070.65	FL
3	16+64.22	0.00	4070.96	FL
4	16+70.22	0.00	4070.93	FL
5	16+80.53	0.00	4070.88	FL
6	16+85.53	0.00	4070.85	FL
7	16+98.03	0.00	4070.79	FL
8	17+02.53	0.00	4070.77	FL
9	17+08.53	0.00	4070.74	FL
10	17+14.79	0.00	4070.70	FL
11	17+20.54	0.00	4070.66	FL
12	17+29.62	0.00	4070.59	FL
13	17+32.56	0.00	4070.54	FL
14	17+35.56	0.00	4070.50	FL
15	17+41.04	0.00	4070.31	FL
16	17+49.04	0.00	See general note 1.	FL
17	16+25.43	0.50	4070.72	BC
18	16+45.93	0.50	4071.16	BC
19	16+64.22	0.50	4071.47	BC
20	16+70.22	0.50	4070.94	BC
21	16+80.53	0.50	4070.89	BC
22	16+85.53	0.50	4071.36	BC
23	16+98.03	0.50	4071.30	BC
24	17+02.53	0.50	4071.28	BC
25	17+08.53	0.50	4070.75	BC
26	17+14.79	0.50	4070.71	BC
27	17+20.54	0.50	4071.17	BC
28	17+29.62	0.50	4071.17	BC
29	17+32.56	0.50	4071.12	BC
30	17+35.56	0.50	4071.08	BC
31	17+41.04	0.50	4070.82	BC
32	17+49.04	0.50	See general note 1.	BC
33	16+71.20	4.65	4070.98	SW
34	16+74.89	11.32	4071.27	SW

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
35	16+86.69	5.20	4071.13	SW
36	16+97.66	7.51	4071.17	SW
37	16+96.60	16.49	4071.31	SW
38	16+96.36	17.05	4071.32	SW
39	17+07.60	16.99	4071.36	SW
40	17+08.53	16.98	4071.37	SW
41	17+08.56	7.51	4071.23	SW
42	17+08.55	1.46	4070.77	SW
43	17+17.51	6.14	4071.17	SW
44	17+22.44	14.22	4071.31	SW
45	17+30.56	9.96	4071.31	SW
46	17+22.29	3.55	4071.17	SW
47	17+29.67	0.73	4071.17	SW
48	17+35.57	9.70	4071.22	SW
49	17+41.06	9.66	4070.96	SW
50	17+49.06	9.56	See general note 1.	SW
51	16+25.41	10.11	See general note 1.	SW
52	16+44.57	15.64	4071.22	SW
53	16+40.75	22.03	4071.32	SW
54	17+02.55	7.51	4071.20	SW
55	16+31.11	1.38	4070.80	SW
56	16+29.35	10.74	4070.95	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb

GENERAL NOTES:

1. *Grade is outside of survey limits. Contractor to provide and verify grades with the Engineer.*

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x%
Design exception component

Point identifier

Ramp number

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

OR 39 AT N MAIN ST.

MERRILL SITE 5 - CORNER 2

10 5 0 10

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050 M.P.: 13.99	
CORNER POSITION	2
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 09:26:51 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC616A

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

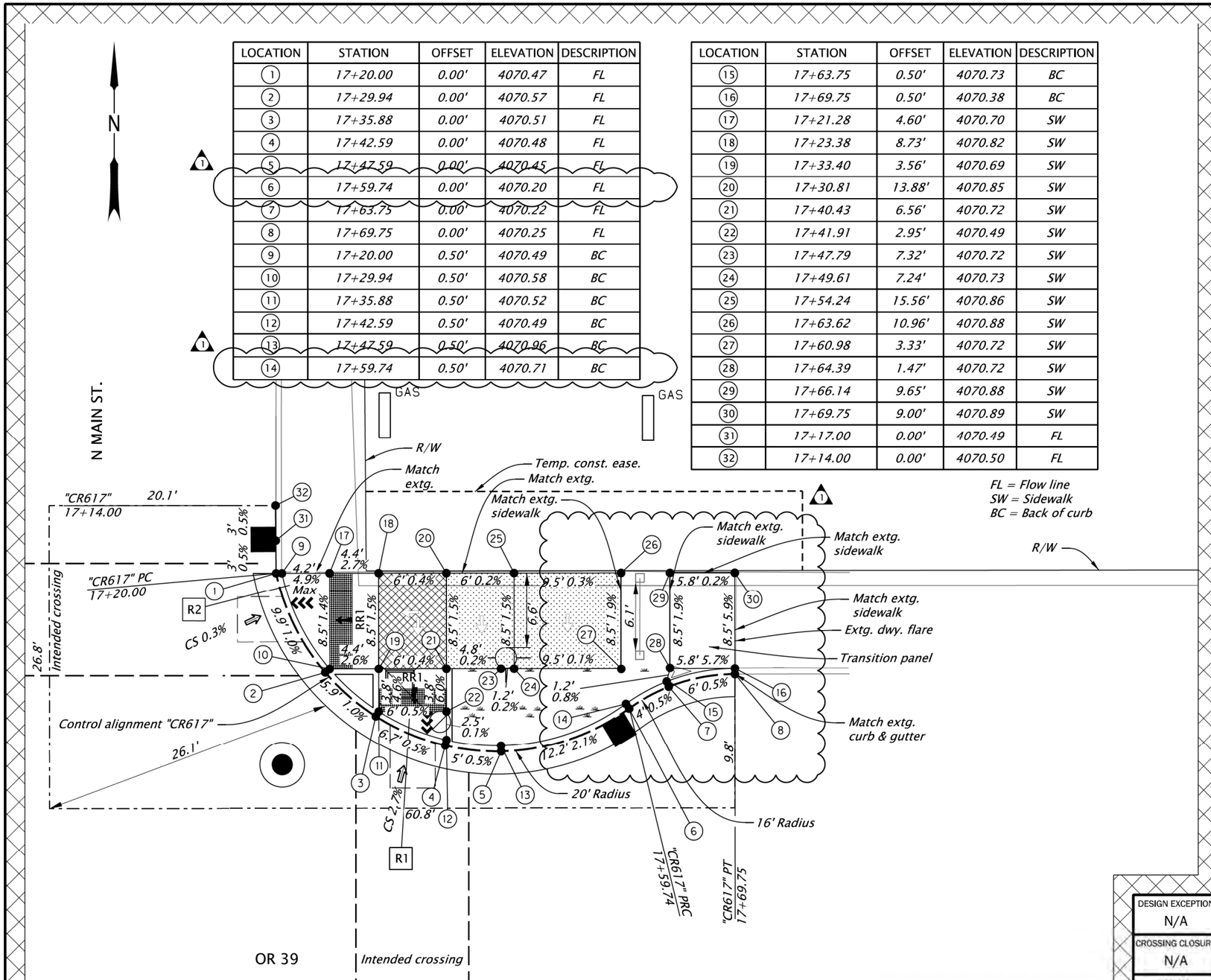
Rotation: 0° Scale: 1" = 10'

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	17+20.00	0.00'	4070.47	FL
2	17+29.94	0.00'	4070.57	FL
3	17+35.88	0.00'	4070.51	FL
4	17+42.59	0.00'	4070.48	FL
5	17+47.59	0.00'	4070.45	FL
6	17+59.74	0.00'	4070.20	FL
7	17+63.75	0.00'	4070.22	FL
8	17+69.75	0.00'	4070.25	FL
9	17+20.00	0.50'	4070.49	BC
10	17+29.94	0.50'	4070.58	BC
11	17+35.88	0.50'	4070.52	BC
12	17+42.59	0.50'	4070.49	BC
13	17+47.59	0.50'	4070.96	BC
14	17+59.74	0.50'	4070.71	BC

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
15	17+63.75	0.50'	4070.73	BC
16	17+69.75	0.50'	4070.38	BC
17	17+21.28	4.60'	4070.70	SW
18	17+23.38	8.73'	4070.82	SW
19	17+33.40	3.56'	4070.69	SW
20	17+30.81	13.88'	4070.85	SW
21	17+40.43	6.56'	4070.72	SW
22	17+41.91	2.95'	4070.49	SW
23	17+47.79	7.32'	4070.72	SW
24	17+49.61	7.24'	4070.73	SW
25	17+54.24	15.56'	4070.86	SW
26	17+63.62	10.96'	4070.88	SW
27	17+60.98	3.33'	4070.72	SW
28	17+64.39	1.47'	4070.72	SW
29	17+66.14	9.65'	4070.88	SW
30	17+69.75	9.00'	4070.89	SW
31	17+17.00	0.00'	4070.49	FL
32	17+14.00	0.00'	4070.50	FL

FL = Flow line
SW = Sidewalk
BC = Back of curb



OR 39 AT N MAIN ST.

MERRILL SITE 5 - CORNER 3

10 5 0 10

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x% — *Design exception component*

Point identifier

R# — *Ramp number*

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

No.	DATE	REVISIONS	BY
1	12-31-21	Storm Sewer	L.C.H.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050 M.P.: 13.99	
CORNER POSITION	3
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2022.01.05 14:14:07 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

CURB RAMP DETAILS — SHEET NO. BC617

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

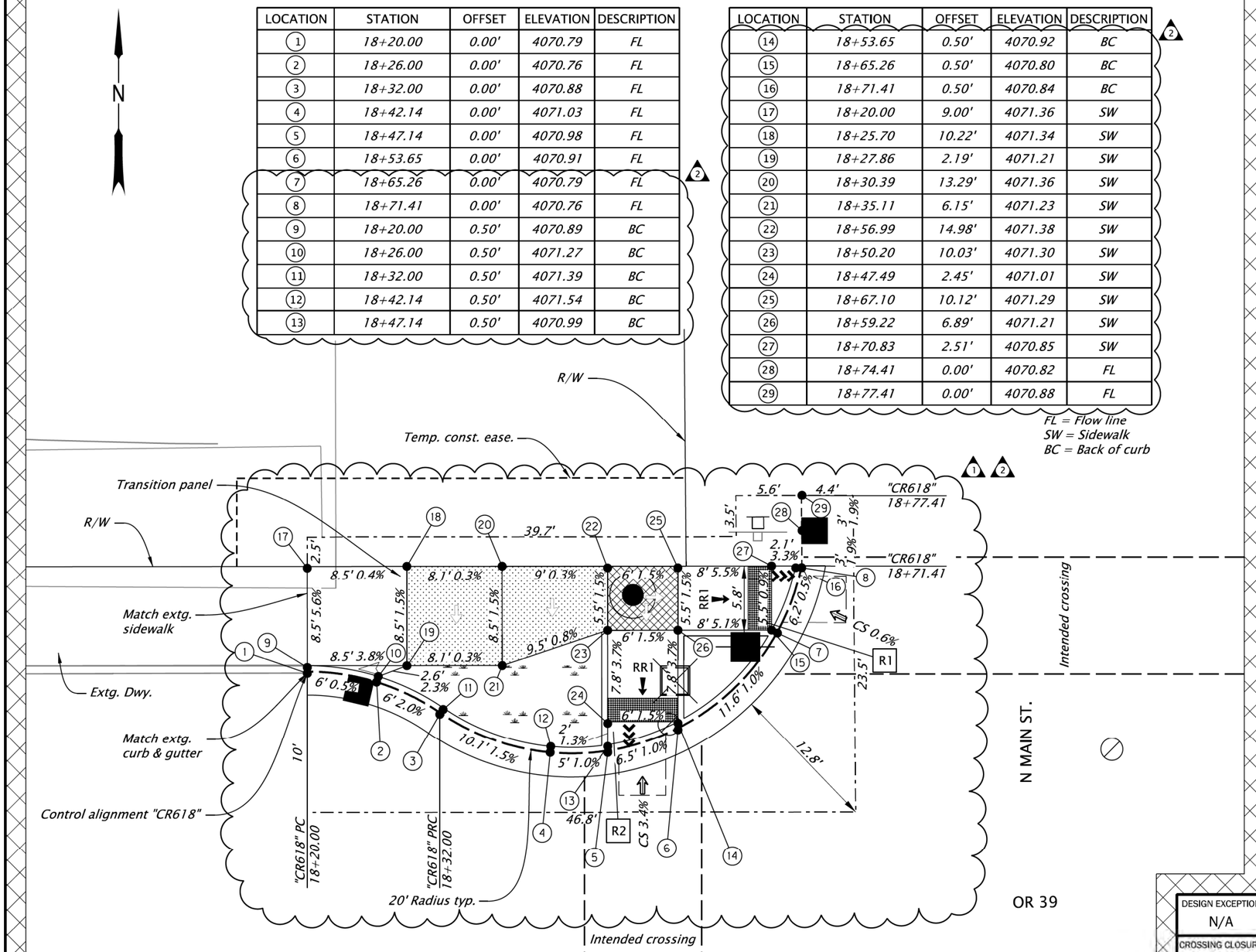
Rotation: 0° Scale: 1" = 10'

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	18+20.00	0.00'	4070.79	FL
2	18+26.00	0.00'	4070.76	FL
3	18+32.00	0.00'	4070.88	FL
4	18+42.14	0.00'	4071.03	FL
5	18+47.14	0.00'	4070.98	FL
6	18+53.65	0.00'	4070.91	FL
7	18+65.26	0.00'	4070.79	FL
8	18+71.41	0.00'	4070.76	FL
9	18+20.00	0.50'	4070.89	BC
10	18+26.00	0.50'	4071.27	BC
11	18+32.00	0.50'	4071.39	BC
12	18+42.14	0.50'	4071.54	BC
13	18+47.14	0.50'	4070.99	BC

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
14	18+53.65	0.50'	4070.92	BC
15	18+65.26	0.50'	4070.80	BC
16	18+71.41	0.50'	4070.84	BC
17	18+20.00	9.00'	4071.36	SW
18	18+25.70	10.22'	4071.34	SW
19	18+27.86	2.19'	4071.21	SW
20	18+30.39	13.29'	4071.36	SW
21	18+35.11	6.15'	4071.23	SW
22	18+56.99	14.98'	4071.38	SW
23	18+50.20	10.03'	4071.30	SW
24	18+47.49	2.45'	4071.01	SW
25	18+67.10	10.12'	4071.29	SW
26	18+59.22	6.89'	4071.21	SW
27	18+70.83	2.51'	4070.85	SW
28	18+74.41	0.00'	4070.82	FL
29	18+77.41	0.00'	4070.88	FL

FL = Flow line
SW = Sidewalk
BC = Back of curb



OR 39 AT N MAIN ST.

MERRILL SITE 5 - CORNER 4

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x% — *Design exception component*

Point identifier

Ramp number

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

No.	DATE	REVISIONS	BY
1	12-31-21	Storm Sewer	L.C.H.
2	1-19-22	Sidewalk design	L.C.H.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050 M.P.: 13.99	
CORNER POSITION	4
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2022.01.20 11:24:20 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

CURB RAMP DETAILS

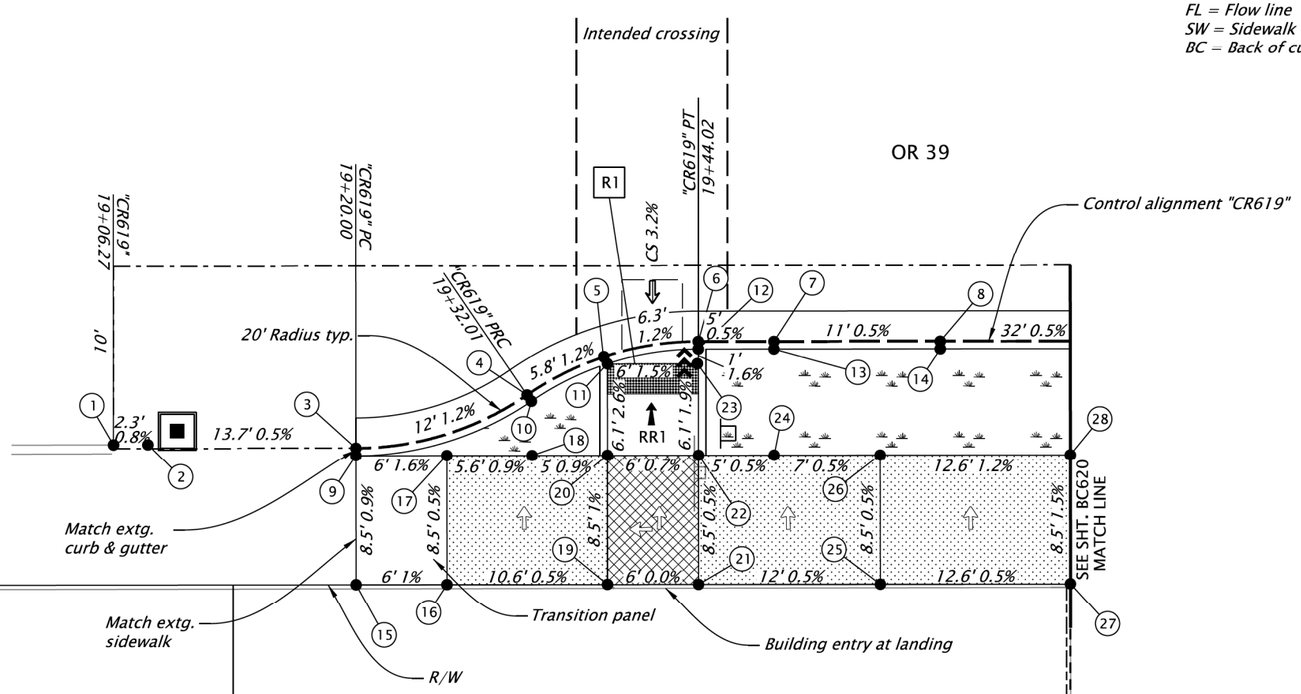
SHEET NO. BC618

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	19+04.00	0.00	4069.36	FL
2	19+06.27	0.00	4069.34	FL
3	19+20.00	0.00	4069.41	FL
4	19+32.01	0.00	4069.56	FL
5	19+37.77	0.00	4069.63	FL
6	19+44.02	0.00	4069.70	FL
7	19+49.02	0.00	4069.73	FL
8	19+60.00	0.00	4069.78	FL
9	19+20.00	0.50	4069.80	BC
10	19+32.01	0.50	4070.07	BC
11	19+37.77	0.50	4069.64	BC
12	19+44.02	0.50	4069.71	BC
13	19+49.02	0.50	4070.24	BC
14	19+60.00	0.50	4070.29	BC

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
15	19+20.00	9.00	4069.88	SW
16	19+24.08	9.61	4069.93	SW
17	19+25.69	1.36	4069.89	SW
18	19+30.29	3.55	4069.84	SW
19	19+30.40	13.42	4069.88	SW
20	19+35.07	6.13	4069.80	SW
21	19+44.02	16.00	4069.88	SW
22	19+44.02	7.50	4069.84	SW
23	19+44.02	1.45	4069.73	SW
24	19+49.02	7.50	4069.86	SW
25	19+56.03	16.00	4069.94	SW
26	19+56.03	7.50	4069.90	SW
27	19+68.58	16.00	4069.88	SW
28	19+68.58	7.50	4069.75	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



OR 39 AT N WASHINGTON ST.

MERRILL SITE 6 - CORNER 1

10 5 0 10

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' / DE x.x% — Design exception component

— Point identifier

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050	
M.P.: 14.04	
CORNER POSITION	1
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 10:16:29 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner | Reviewer: Mike Hohbach
Drafter: Stuart Smith | Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC619

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1" = 10'

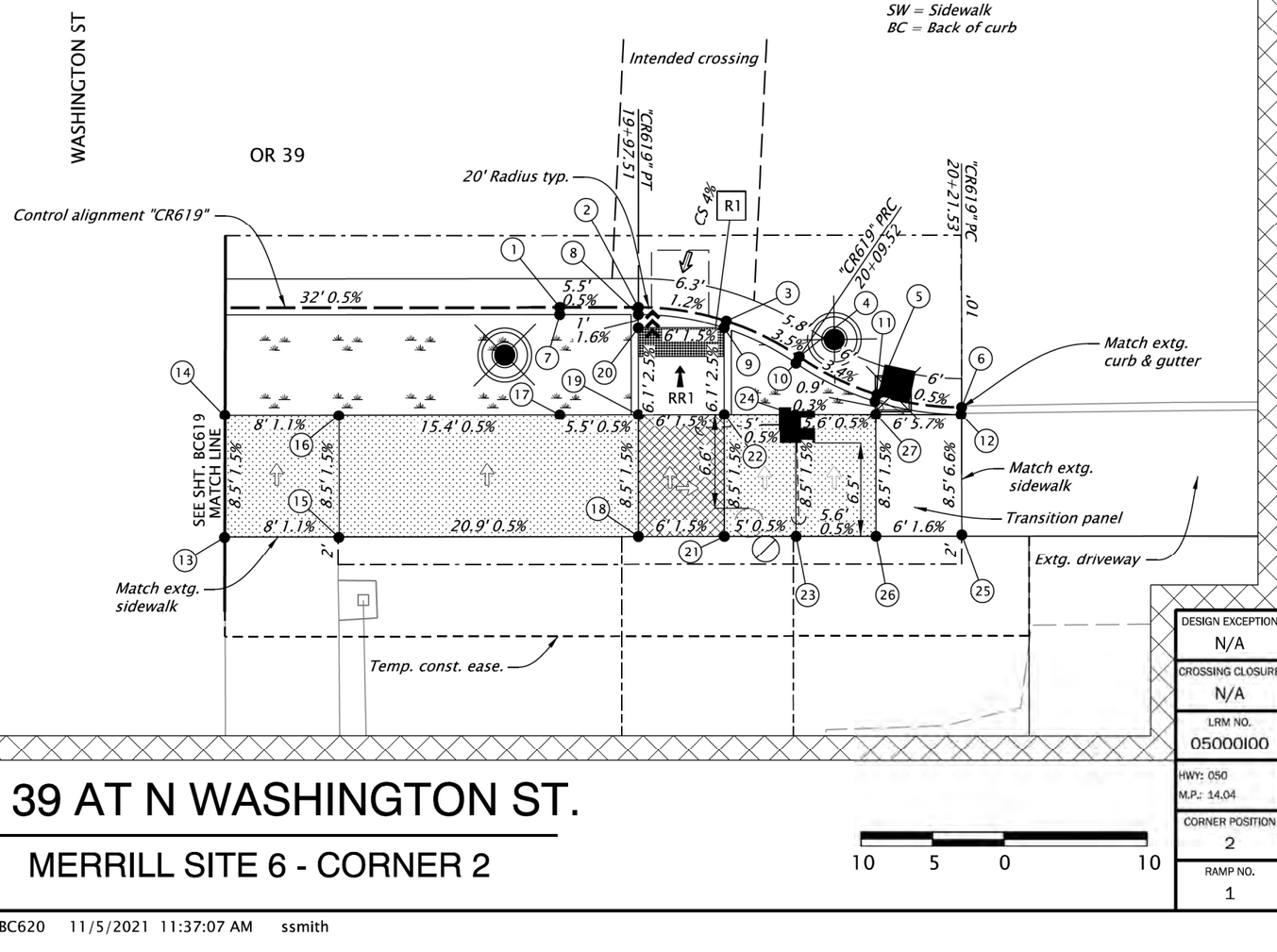
55V-026

N

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	19+92.01	0.00	4069.62	FL
2	19+97.51	0.00	4069.59	FL
3	20+03.76	0.00	4069.52	FL
4	20+09.52	0.00	4069.32	FL
5	20+15.53	0.00	4069.11	FL
6	20+21.53	0.00	4069.14	FL
7	19+92.01	0.50	4070.13	BC
8	19+97.51	0.50	4069.60	BC
9	20+03.76	0.50	4069.53	BC
10	20+09.52	0.50	4069.83	BC
11	20+15.53	0.50	4069.62	BC
12	20+21.53	0.50	4069.28	BC
13	19+68.58	16.00	4069.88	SW
14	19+68.58	7.50	4069.75	SW

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
15	19+76.58	16.00	4069.79	SW
16	19+76.58	7.50	4069.66	SW
17	19+92.01	7.50	4069.74	SW
18	19+97.51	16.00	4069.90	SW
19	19+97.51	7.50	4069.77	SW
20	19+97.51	1.45	4069.62	SW
21	20+11.13	13.42	4069.81	SW
22	20+06.46	6.13	4069.68	SW
23	20+13.93	11.23	4069.78	SW
24	20+11.25	3.55	4069.65	SW
25	20+21.54	9.00	4069.85	SW
26	20+17.45	9.61	4069.75	SW
27	20+15.84	1.36	4069.62	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



OR 39 AT N WASHINGTON ST.

MERRILL SITE 6 - CORNER 2

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' / DE x.x% — Design exception component

— Point identifier

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050 M.P.: 14.04	
CORNER POSITION	2
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 09:25:45 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner
Drafter: Stuart Smith
Reviewer: Mike Hohbach
Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC620

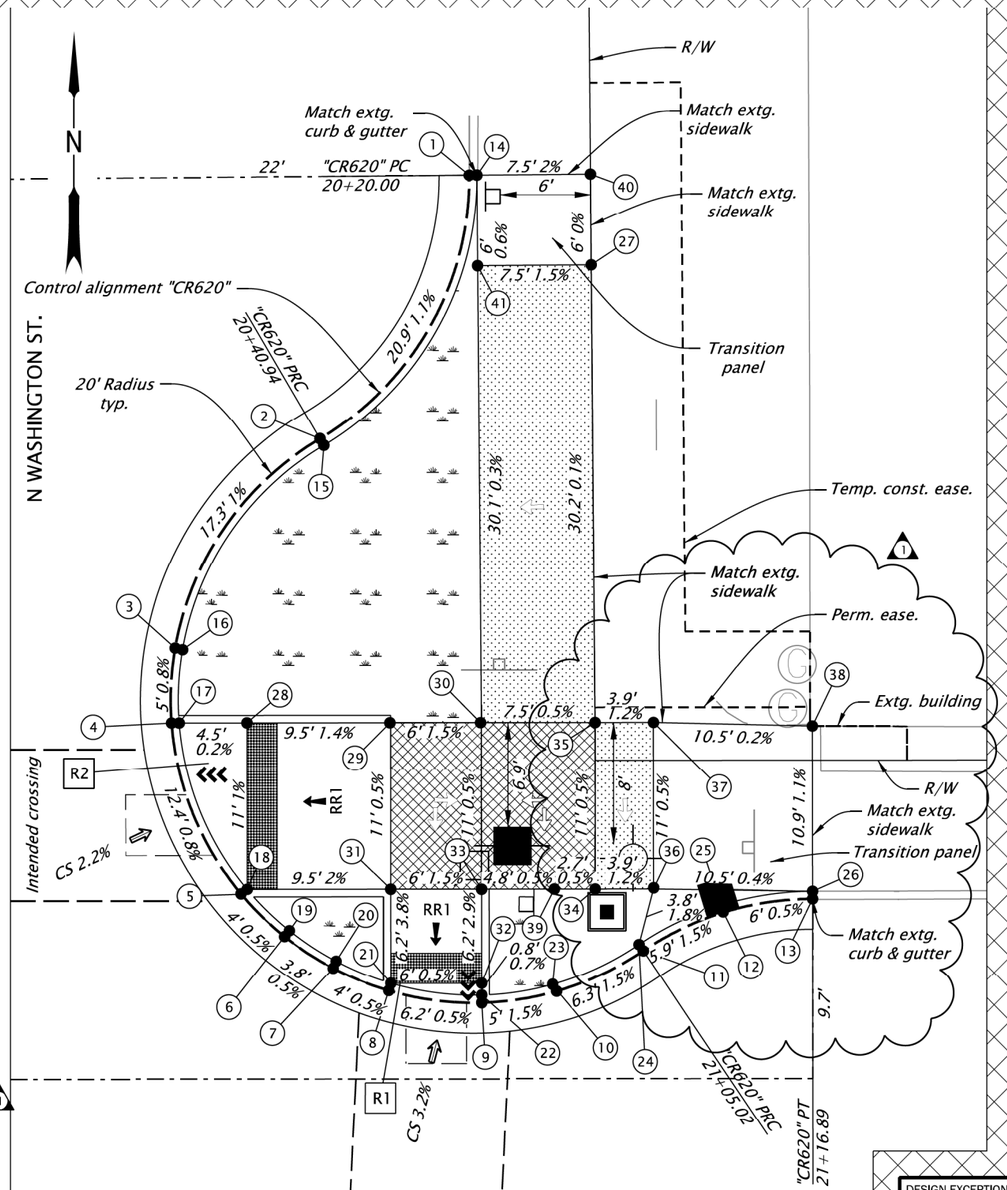
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1" = 10'

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	20+20.00	0.00	4069.42	FL
2	20+40.94	0.00	4069.65	FL
3	20+58.28	0.00	4069.82	FL
4	20+63.28	0.00	4069.78	FL
5	20+75.66	0.00	4069.69	FL
6	20+79.66	0.00	4069.67	FL
7	20+83.45	0.00	4069.65	FL
8	20+87.45	0.00	4069.63	FL
9	20+93.68	0.00	4069.60	FL
10	20+98.68	0.00	4069.52	FL
11	21+05.02	0.00	4069.43	FL
12	21+10.89	0.00	4069.34	FL
13	21+16.89	0.00	4069.37	FL
14	20+20.00	0.50	4069.71	BC
15	20+40.94	0.50	4070.16	BC
16	20+58.28	0.50	4070.33	BC
17	20+63.28	0.50	4069.79	BC
18	20+75.66	0.50	4069.69	BC
19	20+79.66	0.50	4070.18	BC
20	20+83.45	0.50	4070.16	BC
21	20+87.45	0.50	4069.64	BC
22	20+93.68	0.50	4069.61	BC
23	20+98.68	0.50	4070.03	BC
24	21+05.02	0.50	4069.94	BC
25	21+10.89	0.50	4069.85	BC
26	21+16.89	0.50	4069.82	BC
27	20+24.22	8.64	4069.86	SW
28	20+63.74	4.96	4069.67	SW
29	20+67.08	14.31	4069.80	SW
30	20+99.72	18.42	4069.84	SW
31	20+84.88	6.35	4069.87	SW
32	20+93.70	1.28	4069.61	SW
33	20+93.98	7.49	4069.78	SW
34	21+04.56	5.15	4069.82	SW
35	21+08.38	14.77	4069.88	SW
36	21+07.48	3.18	4069.87	SW
37	21+10.48	13.36	4069.92	SW
38	21+16.89	11.42	4069.94	SW
39	21+01.20	6.42	4069.81	SW
40	20+20.00	8.00	4069.86	SW
41	20+25.69	1.36	4069.75	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



10 5 0 10

OR 39 AT N WASHINGTON ST.

MERRILL SITE 6 - CORNER 3

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' DE x.x% *Design exception component*

Point identifier

R# *Ramp number*

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

No.	DATE	REVISIONS	BY
1	12-31-21	Storm Sewer	L.C.H.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050 M.P.: 14.04	
CORNER POSITION	3
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2022.01.06 13:26:50 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

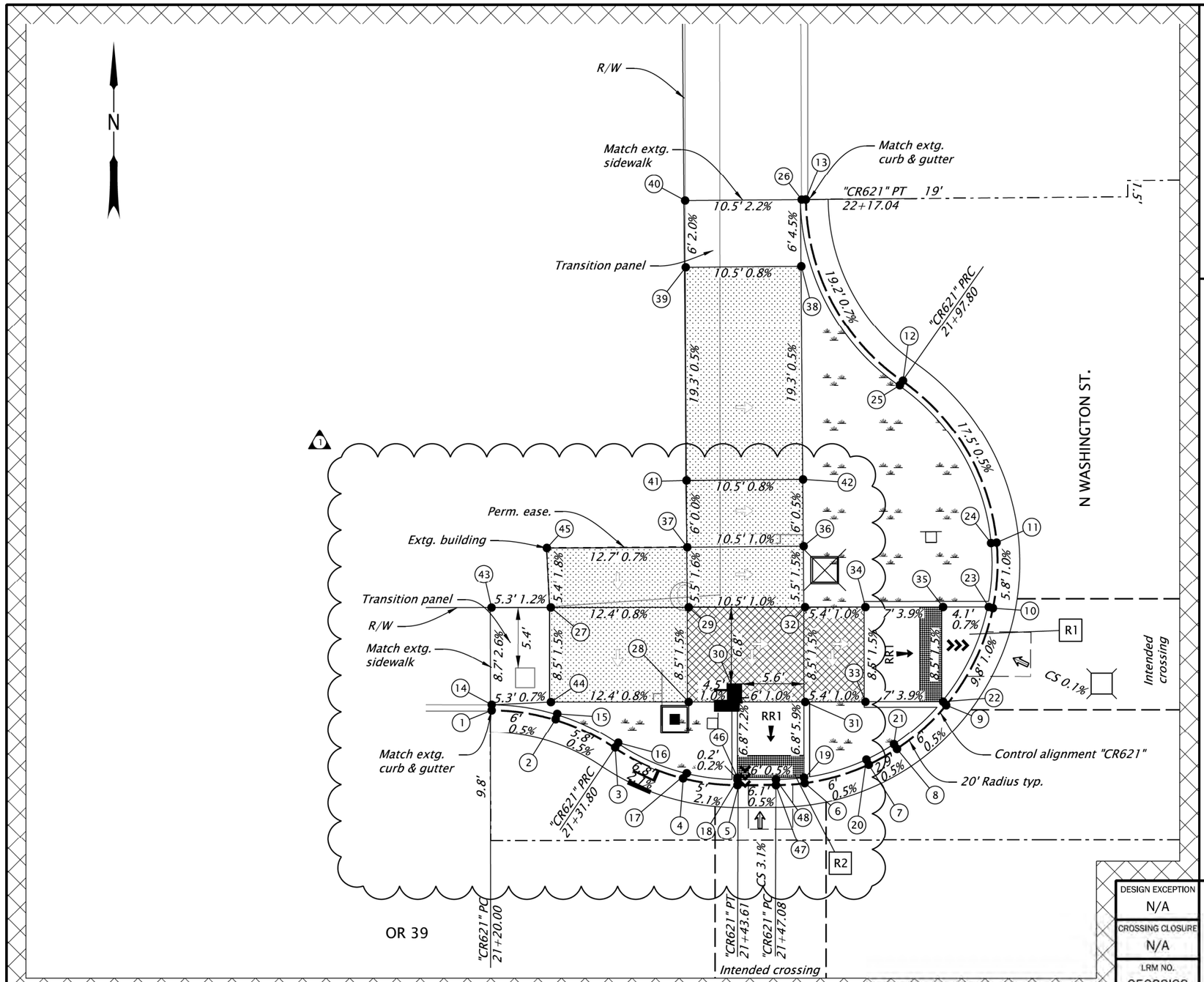
CURB RAMP DETAILS

SHEET NO. BC621

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1" = 10'

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x%
Design exception component

(#) Point identifier

R# Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

No.	DATE	REVISIONS	BY
1	12-31-21	Storm Sewer	L.C.H.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 39 AT N WASHINGTON ST.

MERRILL SITE 6 - CORNER 4

10 5 0 10

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050 M.P.: 14.04	
CORNER POSITION	4
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2022.01.06 13:26:35 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

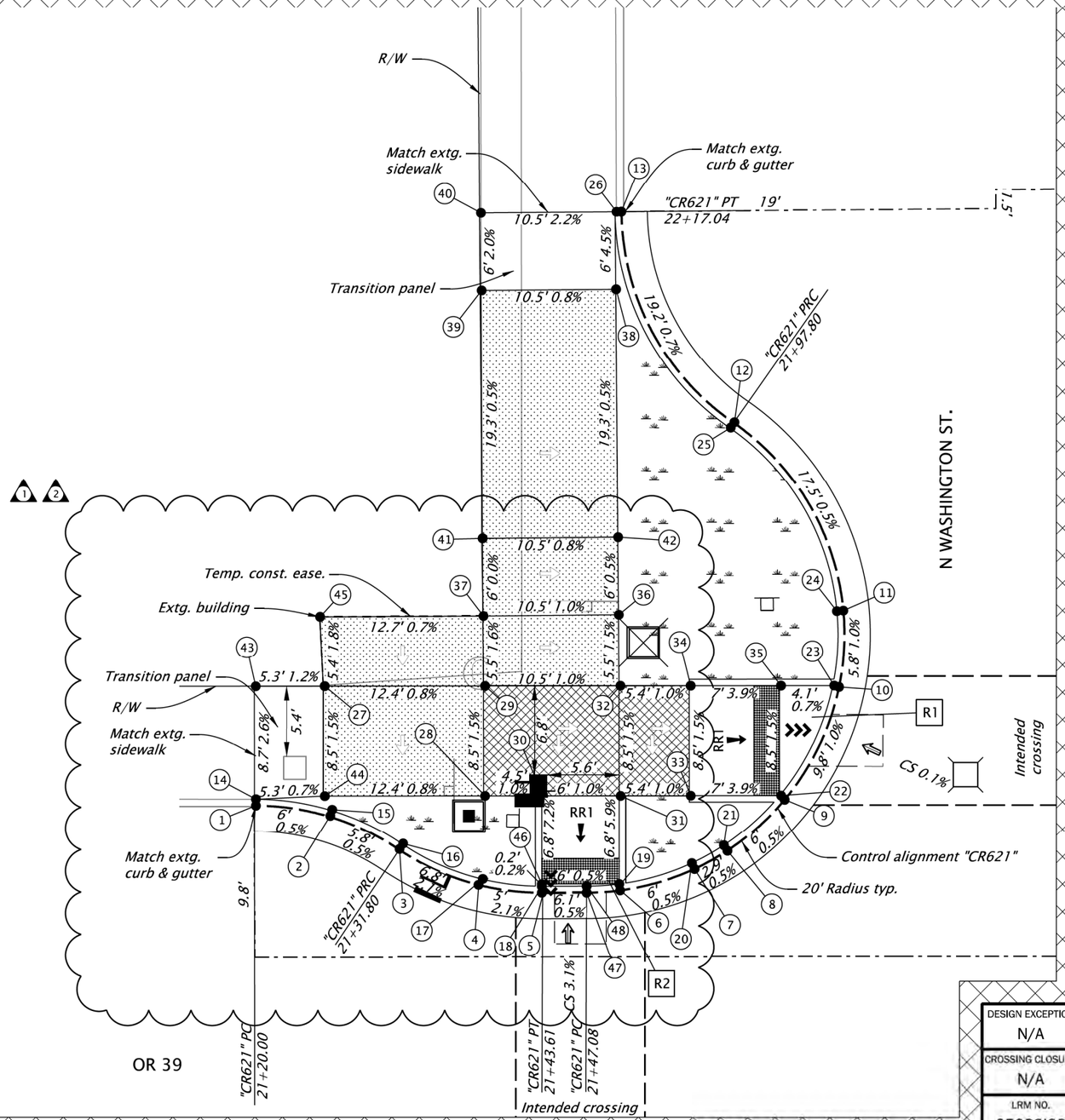
CURB RAMP DETAILS

SHEET NO. BC622

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1" = 10'

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x%
Design exception component

(#) Point identifier

R# Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

No.	DATE	REVISIONS	BY
1	12-31-21	Storm Sewer	L.C.H.
2	1-19-22	Removed perm. ease.	L.C.H.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 39 AT N WASHINGTON ST.

MERRILL SITE 6 - CORNER 4

10 5 0 10

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050 M.P.: 14.04	
CORNER POSITION	4
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2022.01.20 11:24:07 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC622

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	21+20.00	0.00	4069.55	FL
2	21+26.00	0.00	4069.52	FL
3	21+31.80	0.00	4069.49	FL
4	21+38.60	0.00	4069.64	FL
5	21+43.61	0.00	4069.74	FL
6	21+49.68	0.00	4069.77	FL
7	21+55.68	0.00	4069.80	FL
8	21+58.58	0.00	4069.81	FL
9	21+64.58	0.00	4069.84	FL
10	21+74.36	0.00	4069.94	FL
11	21+80.34	0.00	4070.00	FL
12	21+97.80	0.00	4069.92	FL
13	22+17.04	0.00	4069.78	FL
14	21+20.00	0.50	4070.15	BC
15	21+26.00	0.50	4070.03	BC
16	21+31.80	0.50	4070.00	BC
17	21+38.60	0.50	4070.15	BC
18	21+43.61	0.50	4069.75	BC
19	21+49.68	0.50	4069.78	BC
20	21+55.68	0.50	4070.31	BC
21	21+58.58	0.50	4070.32	BC
22	21+64.58	0.50	4069.85	BC
23	21+74.36	0.50	4069.95	BC
24	21+80.34	0.50	4070.51	BC
25	21+97.80	0.50	4070.43	BC
26	22+17.04	0.50	4070.24	BC
27	21+23.62	9.72	4070.31	SW
28	21+36.69	6.71	4070.29	SW
29	21+30.92	14.21	4070.41	SW
30	21+43.60	7.50	4070.24	SW

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
31	21+51.07	7.25	4070.50	SW
32	21+58.35	15.27	4070.31	SW
33	21+58.42	5.18	4070.13	SW
34	21+69.19	11.09	4070.25	SW
35	21+73.27	4.51	4069.98	SW
36	21+89.54	17.08	4070.39	SW
37	21+29.44	18.96	4070.50	SW
38	22+11.34	1.34	4070.51	SW
39	22+13.22	11.57	4070.50	SW
40	22+17.04	11.00	4070.48	SW
41	22+03.31	19.96	4070.50	SW
42	21+99.20	12.49	4070.42	SW
43	21+20.00	9.23	4070.37	SW
44	21+25.04	1.41	4070.19	SW
45	21+22.91	15.01	4070.41	SW
46	21+43.60	0.66	4069.75	SW
47	21+47.08	0.00	4069.74	FL
48	21+47.08	0.50	4069.75	BC

FL = Flow line
SW = Sidewalk
BC = Back of curb

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x%
Design exception component

(#) Point identifier

R# Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

No.	DATE	REVISIONS	BY
1	12-31-21	Storm Sewer	L.C.H.

OR 39 AT N WASHINGTON ST.

MERRILL SITE 6 - CORNER 4

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050 M.P.: 14.04	
CORNER POSITION	4
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2022.01.05 14:25:38 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC622A

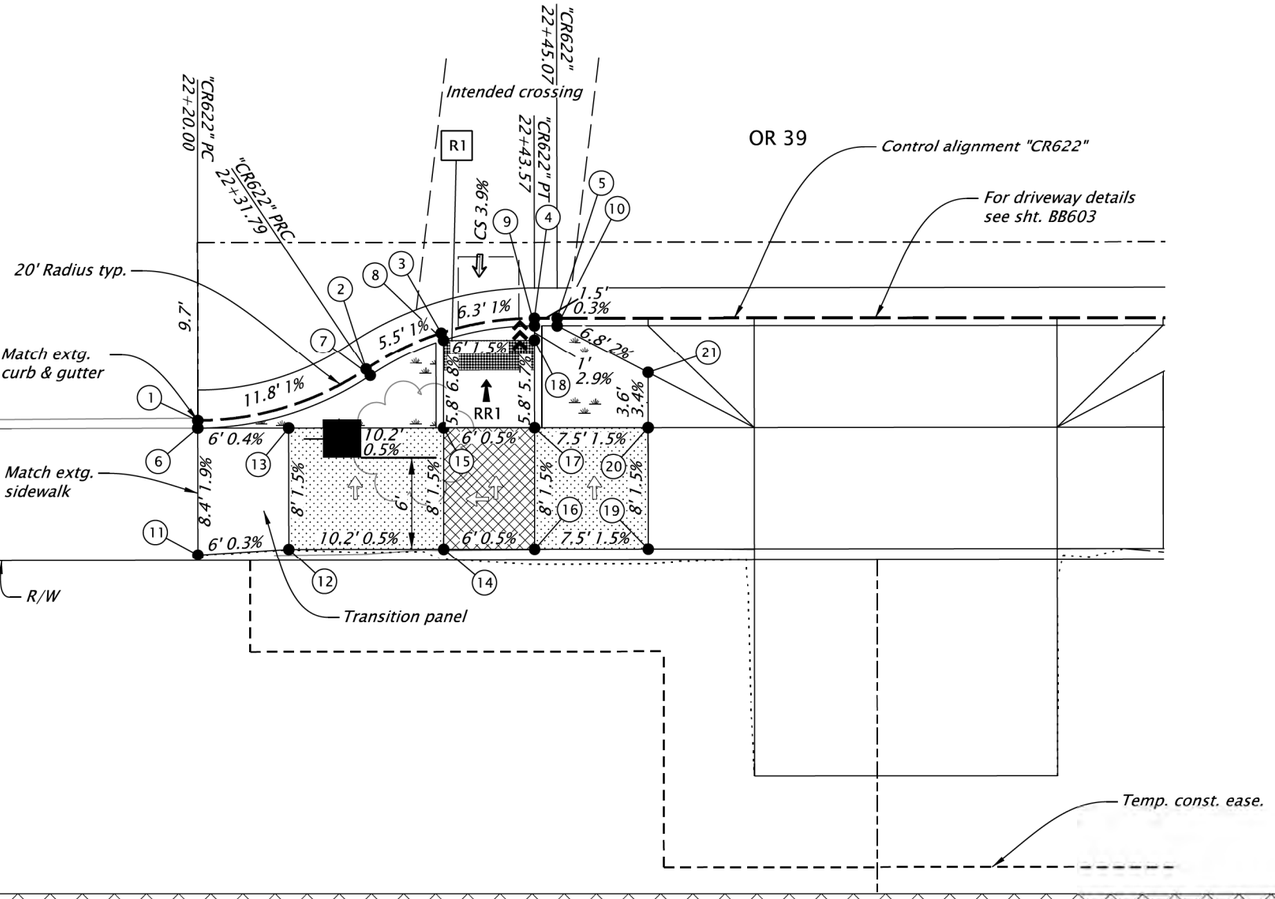
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	22+20.00	0.00	4069.32	FL
2	22+31.79	0.00	4069.44	FL
3	22+37.32	0.00	4069.49	FL
4	22+43.57	0.00	4069.55	FL
5	22+45.07	0.00	4069.56	FL
6	22+20.00	0.50	4069.82	BC
7	22+31.79	0.50	4069.95	BC
8	22+37.32	0.50	4069.50	BC
9	22+43.57	0.50	4069.56	BC
10	22+45.07	0.50	4070.07	BC
11	22+20.00	8.87	4069.98	SW
12	22+24.15	9.12	4069.96	SW

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
13	22+25.69	1.36	4069.84	SW
14	22+30.35	12.80	4070.01	SW
15	22+34.78	5.91	4069.89	SW
16	22+43.57	15.25	4070.04	SW
17	22+43.57	7.25	4069.92	SW
18	22+43.57	1.45	4069.59	SW
19	22+51.07	15.25	4069.93	SW
20	22+51.07	7.25	4069.81	SW
21	22+51.07	3.60	4069.93	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



OR 39 AT N MADISON ST.

MERRILL SITE 7 - CORNER 1

10 5 0 10

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x%
Design exception component

Point identifier

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050 M.P.: 14.10	
CORNER POSITION	1
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 09:32:29 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

EMERIO
ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner
Drafter: Stuart Smith
Reviewer: Mike Hohbach
Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC623

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

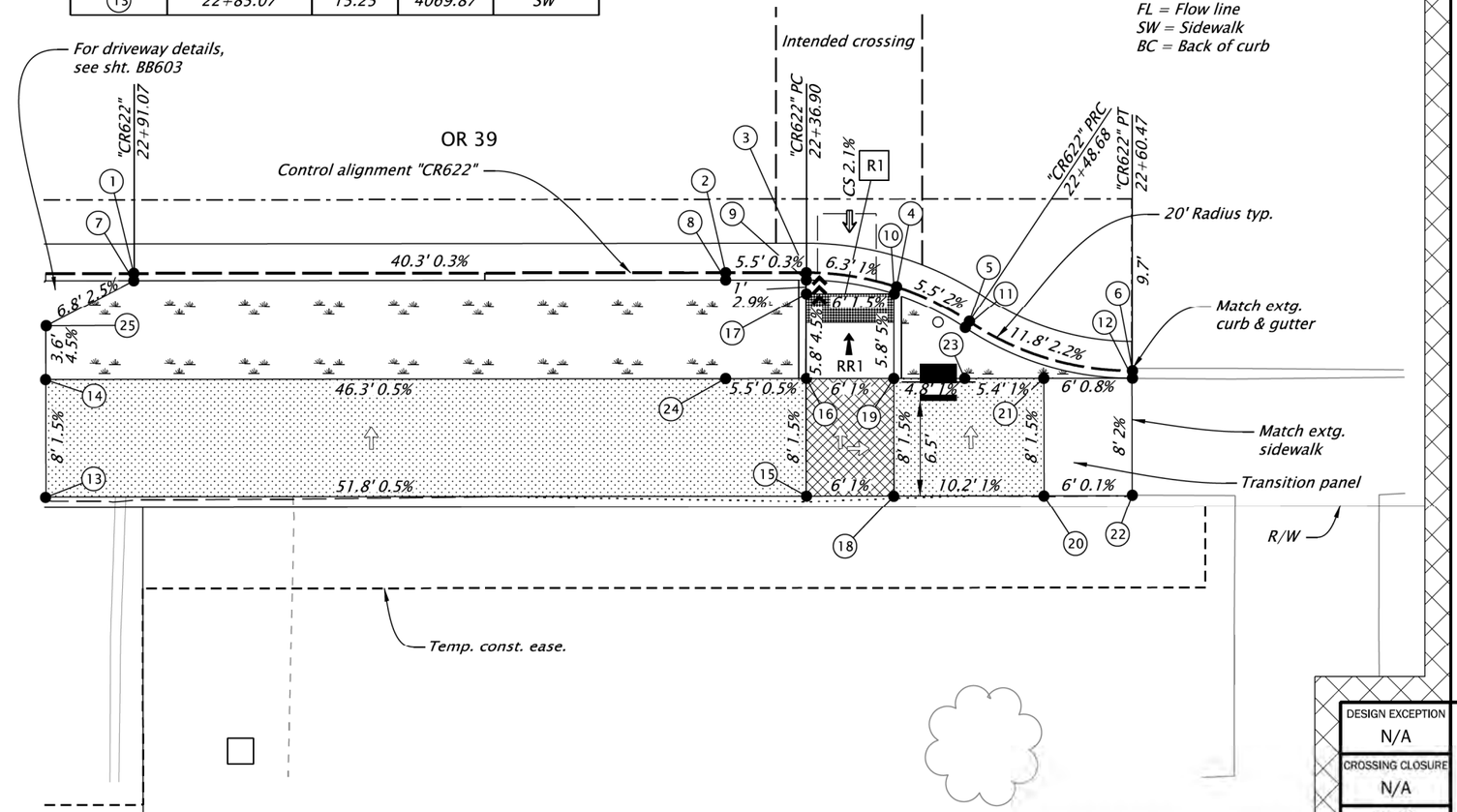
Rotation: 0° Scale: 1" = 10'

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	22+91.07	0.00	4069.58	FL
2	23+31.40	0.00	4069.70	FL
3	23+36.90	0.00	4069.71	FL
4	23+43.15	0.00	4069.65	FL
5	23+48.68	0.00	4069.54	FL
6	23+60.47	0.00	4069.28	FL
7	22+91.07	0.50	4070.09	BC
8	23+31.40	0.50	4070.21	BC
9	23+36.90	0.50	4069.72	BC
10	23+43.15	0.50	4069.66	BC
11	23+48.68	0.50	4070.05	BC
12	23+60.47	0.50	4069.80	BC
13	22+85.07	15.25	4069.87	SW

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
14	22+85.07	7.25	4069.75	SW
15	23+36.90	15.25	4070.13	SW
16	23+36.90	7.25	4070.01	SW
17	23+36.90	1.45	4069.75	SW
18	23+50.12	12.80	4070.07	SW
19	23+45.69	5.91	4069.95	SW
20	23+56.32	9.12	4069.97	SW
21	23+54.77	1.36	4069.85	SW
22	23+60.48	8.50	4069.96	SW
23	23+50.32	3.45	4069.90	SW
24	23+31.40	7.25	4069.98	SW
25	22+85.07	3.61	4069.92	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



10 5 0 10

OR 39 AT N MADISON ST.

MERRILL SITE 7 - CORNER 2

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' / DE x.x% — Design exception component

— Point identifier

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050	M.P.: 14.10
CORNER POSITION	2
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 09:32:17 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH

EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC624

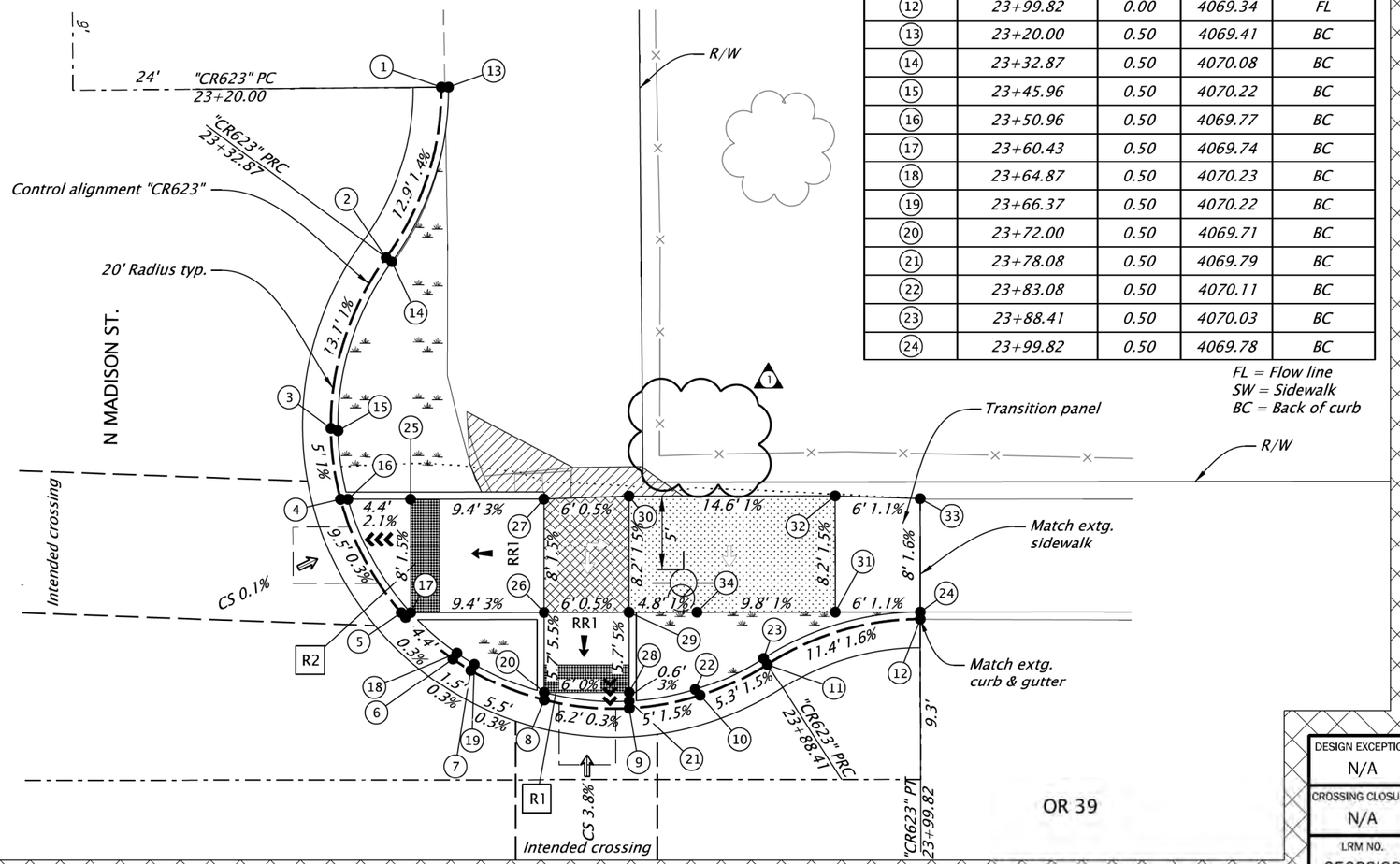
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
25	23+52.62	4.69	4069.86	SW
26	23+69.81	5.92	4070.02	SW
27	23+61.72	12.83	4070.14	SW
28	23+78.11	1.11	4069.71	SW
29	23+78.59	6.79	4069.99	SW
30	23+81.13	14.92	4070.11	SW
31	23+94.12	1.36	4069.85	SW
32	23+95.70	9.32	4069.97	SW
33	23+99.82	8.50	4069.90	SW
34	23+85.34	5.60	4069.94	SW

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	23+20.00	0.00	4069.40	FL
2	23+32.87	0.00	4069.58	FL
3	23+45.96	0.00	4069.71	FL
4	23+50.96	0.00	4069.76	FL
5	23+60.43	0.00	4069.73	FL
6	23+64.87	0.00	4069.72	FL
7	23+66.37	0.00	4069.71	FL
8	23+72.00	0.00	4069.70	FL
9	23+78.08	0.00	4069.68	FL
10	23+83.08	0.00	4069.60	FL
11	23+88.41	0.00	4069.52	FL
12	23+99.82	0.00	4069.34	FL
13	23+20.00	0.50	4069.41	BC
14	23+32.87	0.50	4070.08	BC
15	23+45.96	0.50	4070.22	BC
16	23+50.96	0.50	4069.77	BC
17	23+60.43	0.50	4069.74	BC
18	23+64.87	0.50	4070.23	BC
19	23+66.37	0.50	4070.22	BC
20	23+72.00	0.50	4069.71	BC
21	23+78.08	0.50	4069.79	BC
22	23+83.08	0.50	4070.11	BC
23	23+88.41	0.50	4070.03	BC
24	23+99.82	0.50	4069.78	BC

FL = Flow line
SW = Sidewalk
BC = Back of curb



OR 39 AT N MADISON ST.

MERRILL SITE 7 - CORNER 3

10 5 0 10

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x% — *Design exception component*

Point identifier

Ramp number

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

No.	DATE	REVISIONS	BY
1	1-19-22	Removed temp. const. ease.	L.C.H.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050 M.P.: 14.10	
CORNER POSITION	3
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2022.01.20 11:23:52 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH

EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

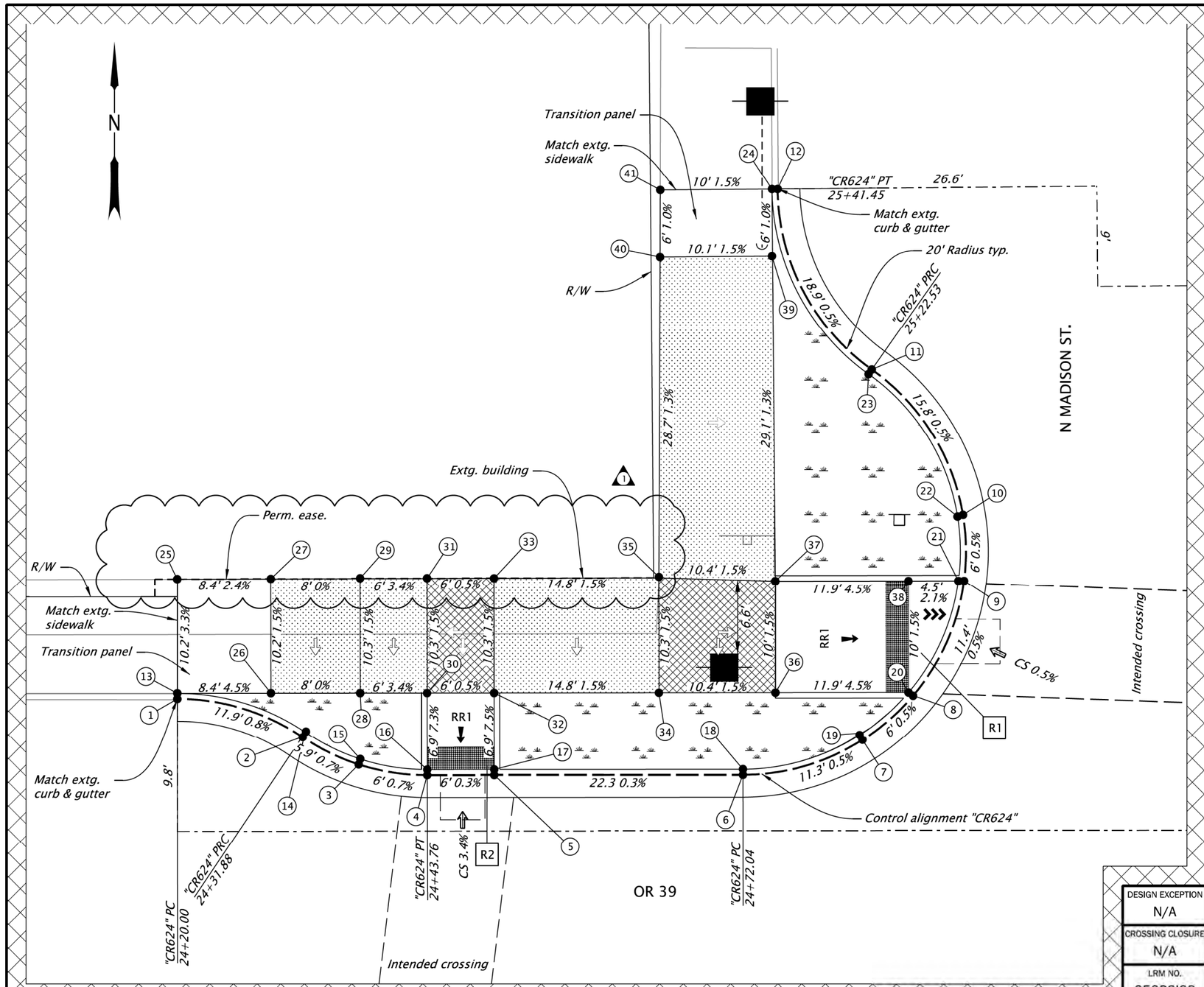
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC625

55V-026



OR 39 AT N MADISON ST.

MERRILL SITE 7 - CORNER 4

10 5 0 10

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x% — *Design exception component*

Point identifier

Ramp number

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

No.	DATE	REVISIONS	BY
1	1-19-22	Removed temp. const. ease.	L.C.H.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050 M.P.: 14.10	
CORNER POSITION	4
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2022.01.20 11:23:40 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH

EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner — Reviewer: Mike Hohbach
Drafter: Stuart Smith — Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC626

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	24+20.00	0.00	4069.49	FL
2	24+31.88	0.00	4069.58	FL
3	24+37.76	0.00	4069.62	FL
4	24+43.76	0.00	4069.66	FL
5	24+49.76	0.00	4069.68	FL
6	24+72.04	0.00	4069.74	FL
7	24+83.34	0.00	4069.69	FL
8	24+89.34	0.00	4069.72	FL
9	25+00.73	0.00	4069.77	FL
10	25+06.73	0.00	4069.80	FL
11	25+22.53	0.00	4069.73	FL
12	25+41.45	0.00	4069.63	FL
13	24+20.00	0.50	4070.00	BC
14	24+31.88	0.50	4070.09	BC
15	24+37.76	0.50	4070.13	BC
16	24+43.76	0.50	4069.67	BC
17	24+49.76	0.50	4069.69	BC
18	24+72.04	0.50	4070.25	BC
19	24+83.34	0.50	4070.20	BC
20	24+89.34	0.50	4069.73	BC
21	25+00.73	0.50	4069.78	BC
22	25+06.73	0.50	4070.31	BC
23	25+22.53	0.50	4070.24	BC
24	25+41.45	0.50	4069.99	BC
25	24+20.00	10.73	4070.33	SW
26	24+27.76	2.15	4070.38	SW
27	24+25.33	11.87	4070.53	SW
28	24+34.90	5.99	4070.38	SW
29	24+29.79	14.85	4070.53	SW
30	24+43.73	7.35	4070.17	SW
31	24+43.45	17.63	4070.33	SW
32	24+49.76	7.35	4070.20	SW
33	24+49.76	17.64	4070.36	SW
34	24+64.53	7.35	4070.42	SW
35	24+64.53	17.67	4070.58	SW
36	24+76.57	7.02	4070.27	SW
37	24+88.70	16.06	4070.42	SW
38	24+99.92	4.93	4069.88	SW
39	25+35.75	1.36	4070.05	SW
40	25+37.57	11.17	4070.20	SW
41	24+41.45	10.51	4070.14	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x%
Design exception component

\# Point identifier

R# Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

OR 39 AT N MADISON ST.

MERRILL SITE 7 - CORNER 4

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050 M.P.: 14.10	
CORNER POSITION	4
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 09:31:37 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH

EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC626A

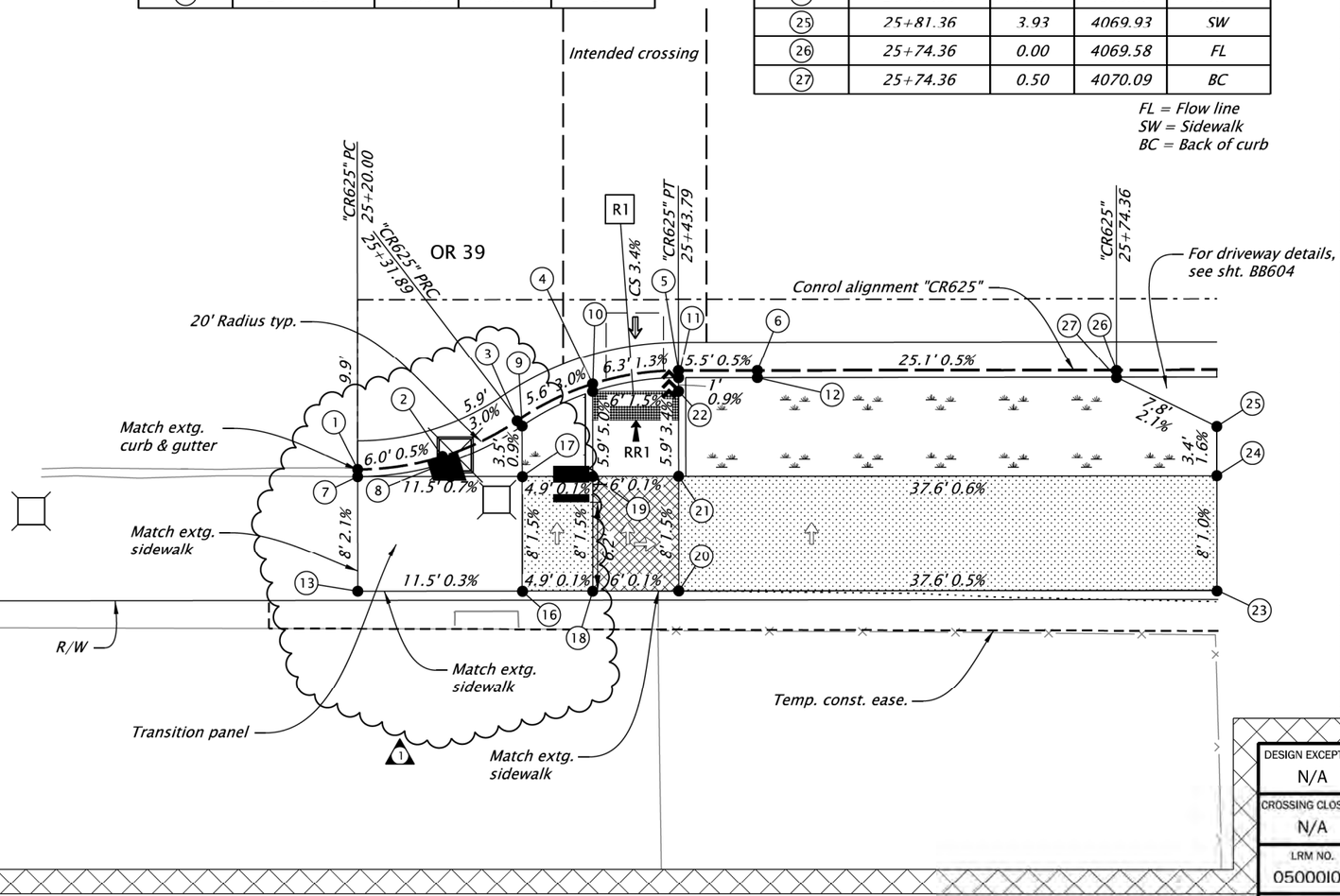
FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	25+20.00	0.00	4069.03	FL
2	25+26.00	0.00	4069.00	FL
3	25+31.89	0.00	4069.17	FL
4	25+37.53	0.00	4069.34	FL
5	25+43.79	0.00	4069.42	FL
6	25+49.29	0.00	4069.45	FL
7	25+20.00	0.50	4069.57	BC
8	25+26.00	0.50	4069.51	BC
9	25+31.89	0.50	4069.68	BC
10	25+37.53	0.50	4069.35	BC
11	25+43.79	0.50	4069.43	BC
12	25+49.29	0.50	4069.96	BC

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
13	25+20.00	8.50	4069.74	SW
14	--	--	--	--
15	--	--	--	--
16	25+27.66	10.73	4069.77	SW
17	25+30.21	3.50	4069.69	SW
18	25+30.45	12.89	4069.77	SW
19	25+34.92	6.01	4069.69	SW
20	25+43.79	15.37	4069.77	SW
21	25+43.79	7.38	4069.69	SW
22	25+43.79	1.45	4069.44	SW
23	25+81.36	15.37	4069.95	SW
24	25+81.36	7.37	4069.87	SW
25	25+81.36	3.93	4069.93	SW
26	25+74.36	0.00	4069.58	FL
27	25+74.36	0.50	4070.09	BC

FL = Flow line
SW = Sidewalk
BC = Back of curb



10 5 0 10

OR 39 AT N CLAY ST.

MERRILL SITE 8 - CORNER 1

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' / DE x.x% — Design exception component

\# — Point identifier

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

No.	DATE	REVISIONS	BY
1	12-31-21	Storm Sewer	L.C.H.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050 M.P.: 14.16	
CORNER POSITION	1
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2022.01.05 14:25:15 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner — Reviewer: Mike Hohbach
Drafter: Stuart Smith — Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC627

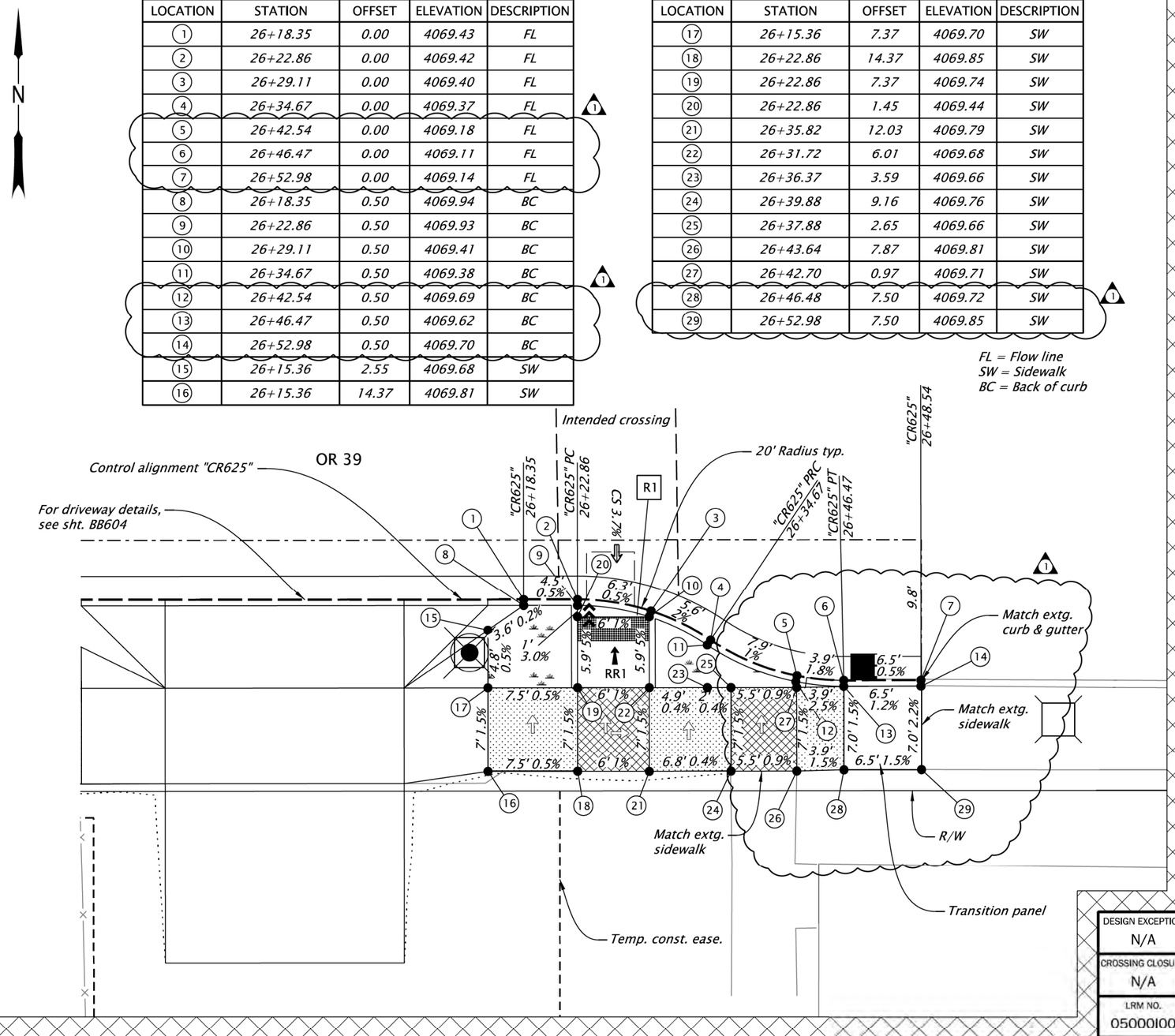
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	26+18.35	0.00	4069.43	FL
2	26+22.86	0.00	4069.42	FL
3	26+29.11	0.00	4069.40	FL
4	26+34.67	0.00	4069.37	FL
5	26+42.54	0.00	4069.18	FL
6	26+46.47	0.00	4069.11	FL
7	26+52.98	0.00	4069.14	FL
8	26+18.35	0.50	4069.94	BC
9	26+22.86	0.50	4069.93	BC
10	26+29.11	0.50	4069.41	BC
11	26+34.67	0.50	4069.38	BC
12	26+42.54	0.50	4069.69	BC
13	26+46.47	0.50	4069.62	BC
14	26+52.98	0.50	4069.70	BC
15	26+15.36	2.55	4069.68	SW
16	26+15.36	14.37	4069.81	SW

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
17	26+15.36	7.37	4069.70	SW
18	26+22.86	14.37	4069.85	SW
19	26+22.86	7.37	4069.74	SW
20	26+22.86	1.45	4069.44	SW
21	26+35.82	12.03	4069.79	SW
22	26+31.72	6.01	4069.68	SW
23	26+36.37	3.59	4069.66	SW
24	26+39.88	9.16	4069.76	SW
25	26+37.88	2.65	4069.66	SW
26	26+43.64	7.87	4069.81	SW
27	26+42.70	0.97	4069.71	SW
28	26+46.48	7.50	4069.72	SW
29	26+52.98	7.50	4069.85	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



10 5 0 10

OR 39 AT N CLAY ST.

MERRILL SITE 8 - CORNER 2

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x%
Design exception component

Point identifier

Ramp number

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

No.	DATE	REVISIONS	BY
1	12-31-21	Storm Sewer	L.C.H.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050 M.P.: 14.16	
CORNER POSITION	2
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2022.01.05 14:24:48 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC628

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

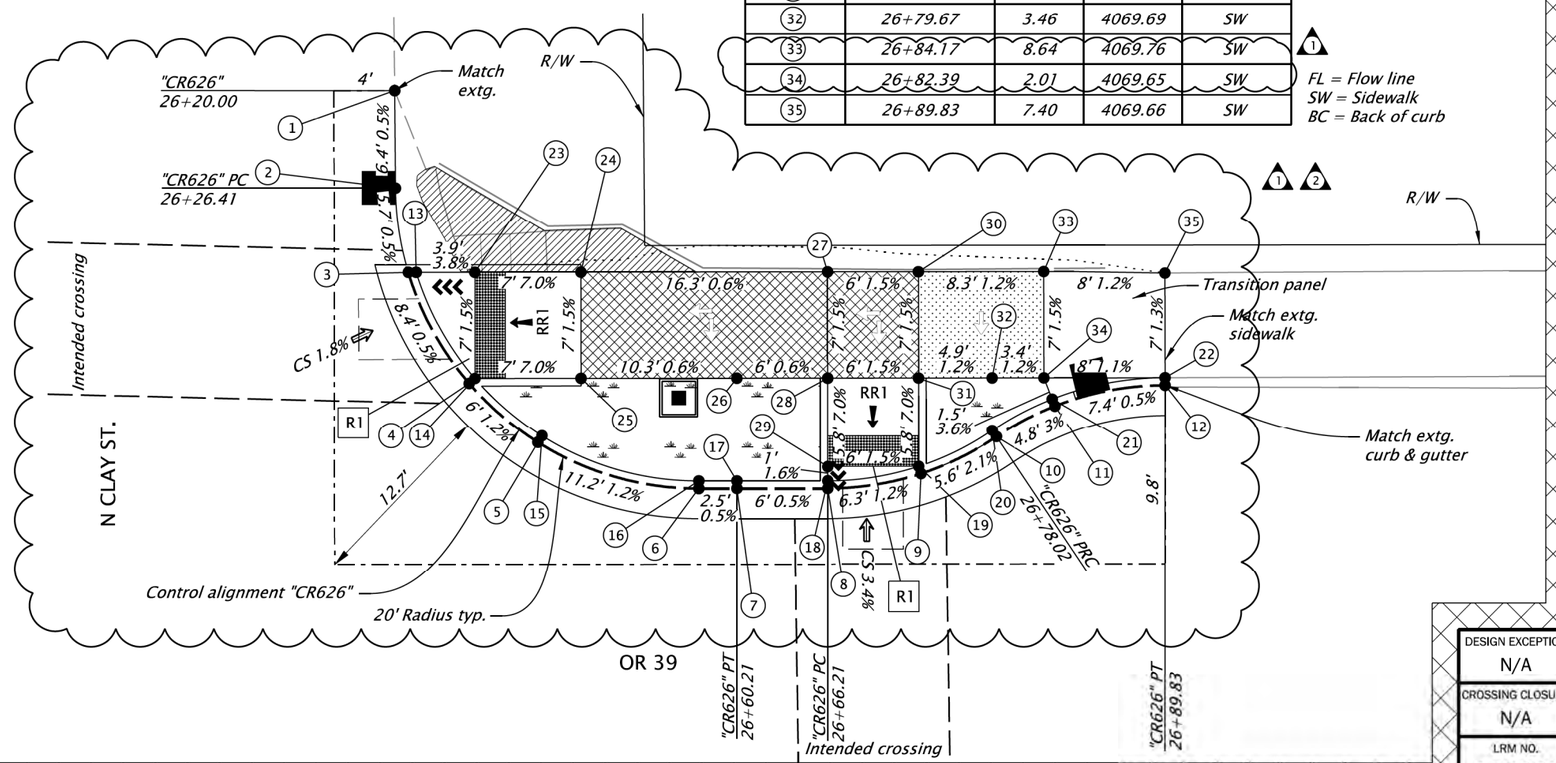
Rotation: 0° Scale: 1" = 10'

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	26+20.00	0.00	4069.21	FL
2	26+26.41	0.00	4069.17	FL
3	26+32.09	0.00	4069.20	FL
4	26+40.50	0.00	4069.24	FL
5	26+46.50	0.00	4069.32	FL
6	26+57.70	0.00	4069.45	FL
7	26+60.21	0.00	4069.44	FL
8	26+66.21	0.00	4069.41	FL
9	26+72.46	0.00	4069.33	FL
10	26+78.02	0.00	4069.22	FL
11	26+82.39	0.00	4069.09	FL
12	26+89.83	0.00	4069.12	FL
13	26+32.24	0.50	4069.21	BC
14	26+40.50	0.50	4069.25	BC

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
15	26+46.50	0.50	4069.83	BC
16	26+57.70	0.50	4069.96	BC
17	26+60.21	0.50	4069.95	BC
18	26+66.21	0.50	4069.42	BC
19	26+72.46	0.50	4069.34	BC
20	26+78.02	0.50	4069.73	BC
21	26+82.39	0.50	4069.60	BC
22	26+89.83	0.50	4069.57	BC
23	26+33.67	4.15	4069.36	SW
24	26+38.99	10.35	4069.85	SW
25	26+46.74	5.09	4069.75	SW
26	26+60.21	7.27	4069.81	SW
27	26+66.21	14.27	4069.95	SW
28	26+66.21	7.27	4069.84	SW
29	26+66.21	1.45	4069.43	SW
30	26+79.14	11.94	4069.86	SW
31	26+75.02	5.93	4069.75	SW
32	26+79.67	3.46	4069.69	SW
33	26+84.17	8.64	4069.76	SW
34	26+82.39	2.01	4069.65	SW
35	26+89.83	7.40	4069.66	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x%
Design exception component

Point identifier

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

No.	DATE	REVISIONS	BY
1	12-31-21	Storm Sewer	L.C.H.
2	1-19-22	Removed temp. const. ease.	L.C.H.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 39 AT N CLAY ST.

MERRILL SITE 8 - CORNER 3

10 5 0 10

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050 M.P.: 14.16	
CORNER POSITION	3
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2022.01.20 11:23:09 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

CURB RAMP DETAILS

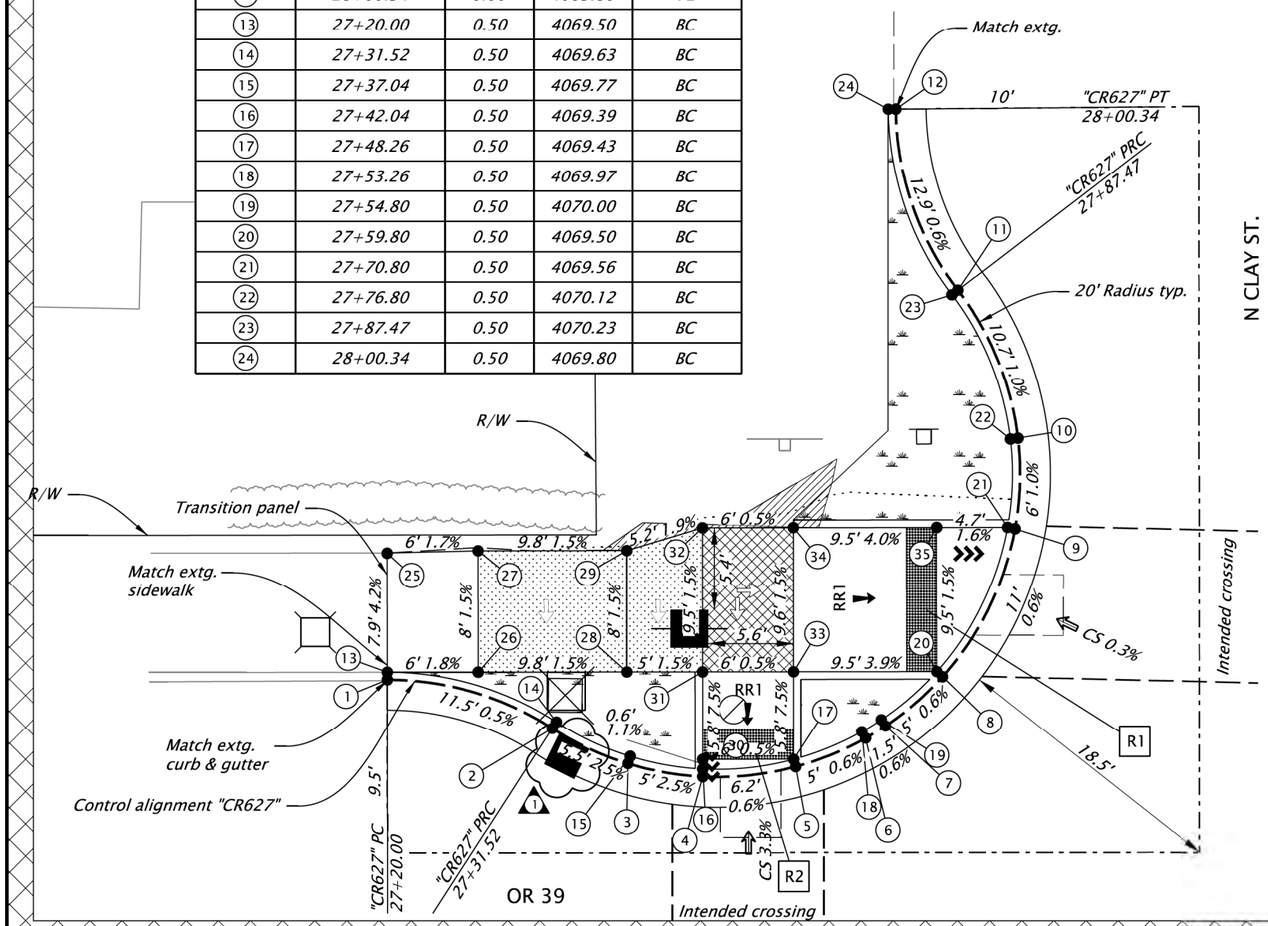
SHEET NO. BC629

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	27+20.00	0.00	4069.18	FL
2	27+31.52	0.00	4069.12	FL
3	27+37.04	0.00	4069.26	FL
4	27+42.04	0.00	4069.38	FL
5	27+48.26	0.00	4069.42	FL
6	27+53.26	0.00	4069.45	FL
7	27+54.80	0.00	4069.46	FL
8	27+59.80	0.00	4069.49	FL
9	27+70.80	0.00	4069.55	FL
10	27+76.80	0.00	4069.61	FL
11	27+87.47	0.00	4069.72	FL
12	28+00.34	0.00	4069.80	FL
13	27+20.00	0.50	4069.50	BC
14	27+31.52	0.50	4069.63	BC
15	27+37.04	0.50	4069.77	BC
16	27+42.04	0.50	4069.39	BC
17	27+48.26	0.50	4069.43	BC
18	27+53.26	0.50	4069.97	BC
19	27+54.80	0.50	4070.00	BC
20	27+59.80	0.50	4069.50	BC
21	27+70.80	0.50	4069.56	BC
22	27+76.80	0.50	4070.12	BC
23	27+87.47	0.50	4070.23	BC
24	28+00.34	0.50	4069.80	BC

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
25	27+20.00	8.37	4069.83	SW
26	27+25.69	1.36	4069.61	SW
27	27+24.15	9.12	4069.73	SW
28	27+34.46	5.65	4069.76	SW
29	27+30.13	12.59	4069.88	SW
30	27+42.01	1.14	4069.40	SW
31	27+41.56	6.92	4069.83	SW
32	27+37.70	16.32	4069.98	SW
33	27+50.40	6.02	4069.86	SW
34	27+62.30	13.87	4070.01	SW
35	27+69.66	5.08	4069.64	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



OR 39 AT N CLAY ST.

MERRILL SITE 8 - CORNER 4

10 5 0 10

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x%
Design exception component

Point identifier

R#
Ramp number

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

No.	DATE	REVISIONS	BY
1	12-31-21	Storm Sewer	L.C.H.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050 M.P.: 14.16	
CORNER POSITION	4
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2022.01.05 14:24:03 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH

EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner
Drafter: Stuart Smith
Reviewer: Mike Hohbach
Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC630

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

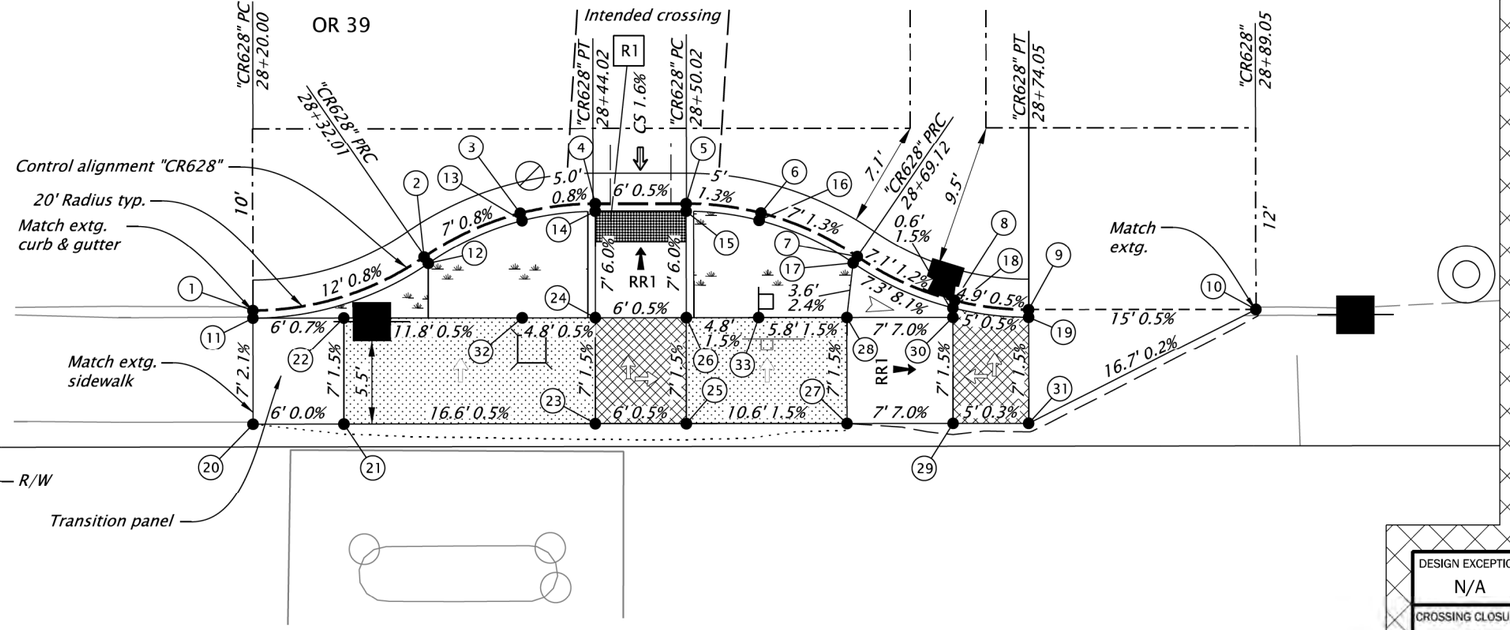
Rotation: 0° Scale: 1" = 10'

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	28+20.00	0.00	4069.48	FL
2	28+32.01	0.00	4069.57	FL
3	28+39.02	0.00	4069.63	FL
4	28+44.02	0.00	4069.67	FL
5	28+50.02	0.00	4069.64	FL
6	28+55.02	0.00	4069.57	FL
7	28+62.04	0.00	4069.48	FL
8	28+69.12	0.00	4069.39	FL
9	28+74.05	0.00	4069.42	FL
10	28+89.05	0.00	4069.50	FL
11	28+20.00	0.50	4069.97	BC
12	28+32.01	0.50	4070.08	BC
13	28+39.02	0.50	4070.14	BC
14	28+44.02	0.50	4069.68	BC
15	28+50.02	0.50	4069.65	BC
16	28+55.02	0.50	4070.08	BC
17	28+62.04	0.50	4069.99	BC
18	28+69.12	0.50	4069.40	BC
19	28+74.05	0.50	4069.43	BC

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
20	28+20.00	7.50	4070.12	SW
21	28+24.30	8.15	4070.12	SW
22	28+25.67	1.45	4070.01	SW
23	28+44.02	14.50	4070.20	SW
24	28+44.02	7.50	4070.09	SW
25	28+50.02	14.50	4070.17	SW
26	28+50.02	7.50	4070.06	SW
27	28+65.82	10.00	4070.01	SW
28	28+63.48	3.83	4069.91	SW
29	28+70.45	7.95	4069.52	SW
30	28+69.26	1.10	4069.42	SW
31	28+74.05	7.50	4069.54	SW
32	28+36.65	6.60	4070.07	SW
33	28+57.39	6.60	4069.99	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



10 5 0 10

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x%
Design exception component

Point identifier

R#
Ramp number

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 39 AT N LINCOLN ST.

MERRILL SITE 9 - CORNER 1

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050 M.P.: 14.23	
CORNER POSITION	1
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 09:35:22 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

CURB RAMP DETAILS

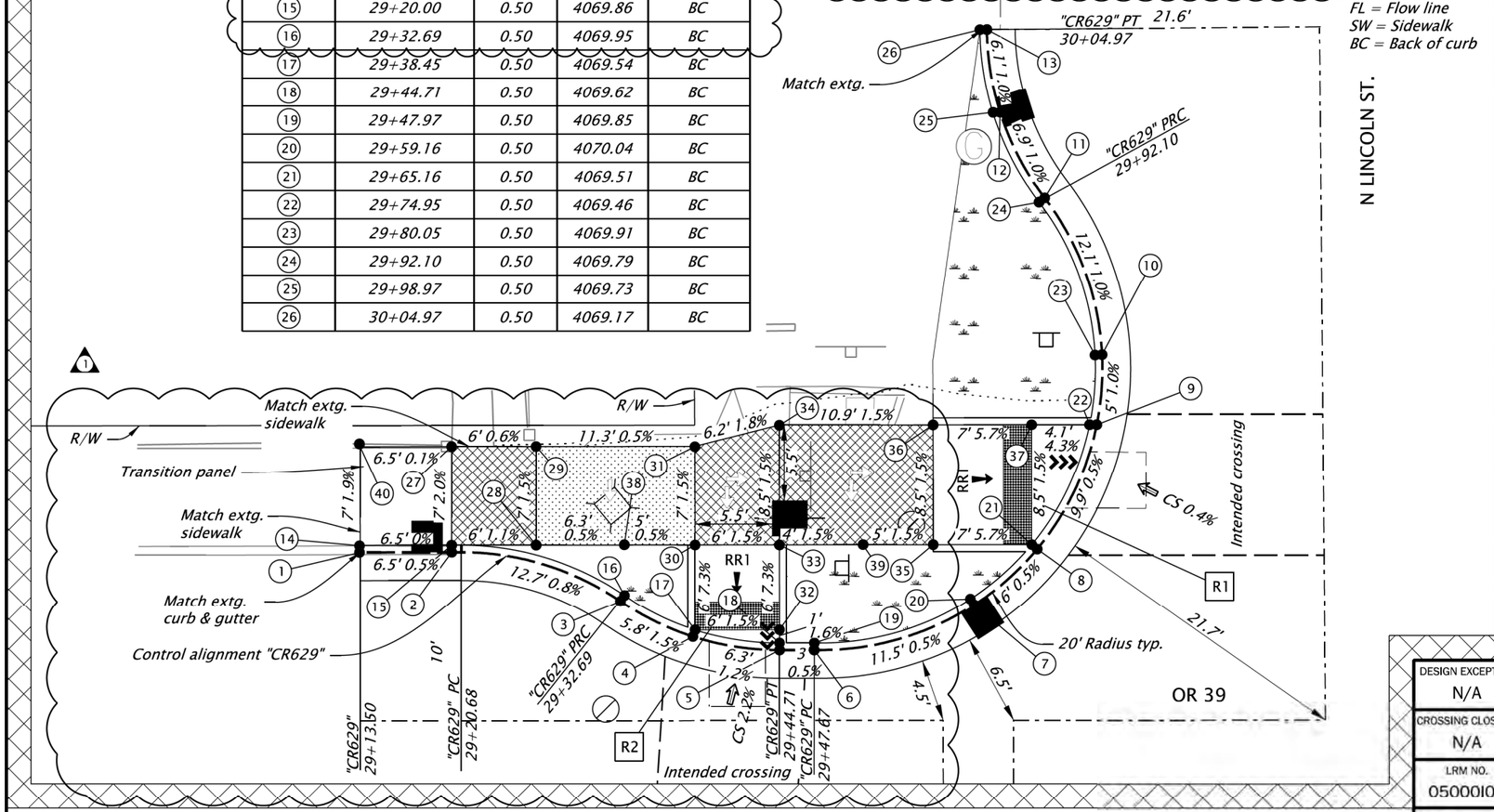
SHEET NO. BC631

Rotation: 0° Scale: 1" = 10'

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	29+13.50	0.00	4069.38	FL
2	29+20.00	0.00	4069.35	FL
3	29+32.69	0.00	4069.44	FL
4	29+38.45	0.00	4069.53	FL
5	29+44.71	0.00	4069.61	FL
6	29+47.97	0.00	4069.59	FL
7	29+59.16	0.00	4069.53	FL
8	29+65.16	0.00	4069.50	FL
9	29+75.05	0.00	4069.45	FL
10	29+80.05	0.00	4069.40	FL
11	29+92.10	0.00	4069.28	FL
12	29+98.97	0.00	4069.22	FL
13	30+04.97	0.00	4069.16	FL
14	29+13.50	0.50	4069.86	BC
15	29+20.00	0.50	4069.86	BC
16	29+32.69	0.50	4069.95	BC
17	29+38.45	0.50	4069.54	BC
18	29+44.71	0.50	4069.62	BC
19	29+47.97	0.50	4069.85	BC
20	29+59.16	0.50	4070.04	BC
21	29+65.16	0.50	4069.51	BC
22	29+74.95	0.50	4069.46	BC
23	29+80.05	0.50	4069.91	BC
24	29+92.10	0.50	4069.79	BC
25	29+98.97	0.50	4069.73	BC
26	30+04.97	0.50	4069.17	BC

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
27	29+20.00	7.50	4070.00	SW
28	29+25.76	1.18	4069.93	SW
29	29+24.50	8.01	4070.03	SW
30	29+35.76	6.13	4069.98	SW
31	29+31.55	12.12	4070.09	SW
32	29+44.71	1.45	4069.63	SW
33	29+44.71	7.50	4070.07	SW
34	29+44.71	16.00	4070.20	SW
35	29+59.01	5.18	4069.91	SW
36	29+69.78	11.09	4070.04	SW
37	29+73.86	4.51	4069.64	SW
38	29+30.97	3.55	4069.96	SW
39	29+52.31	7.15	4069.98	SW
40	29+13.50	7.50	4069.99	BW

FL = Flow line
SW = Sidewalk
BC = Back of curb



OR 39 AT N LINCOLN ST.

MERRILL SITE 9 - CORNER 4

10 5 0 10

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' / DE x.x% — Design exception component

— Point identifier

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

No.	DATE	REVISIONS	BY
1	12-31-21	Storm Sewer	L.C.H.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	05000100
HWY: 050 M.P.: 14.23	
CORNER POSITION	4
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2022.01.06 11:12:50 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC632

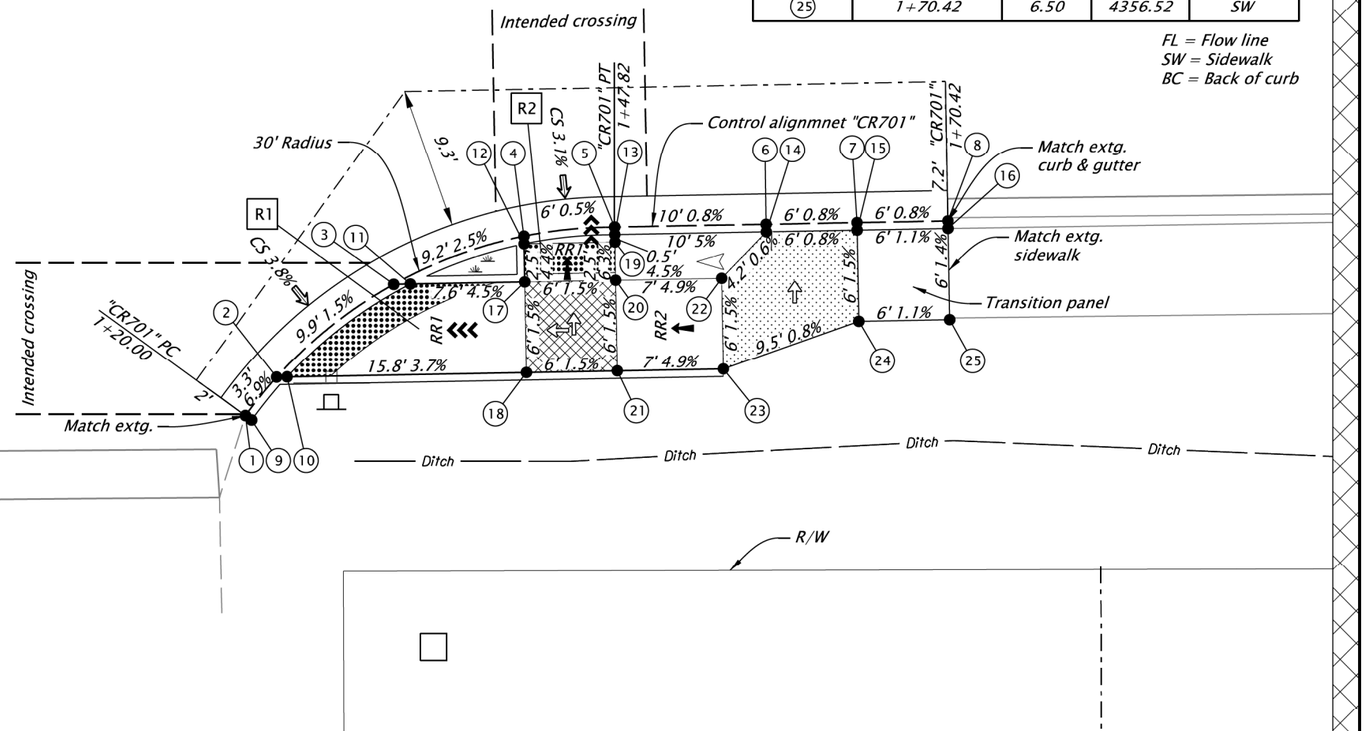
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	1+20.00	0.00	4355.41	FL
2	1+23.27	0.00	4355.64	FL
3	1+33.19	0.00	4355.79	FL
4	1+42.39	0.00	4356.01	FL
5	1+48.42	0.00	4356.04	FL
6	1+58.42	0.00	4355.96	FL
7	1+64.42	0.00	4355.92	FL
8	1+70.42	0.00	4355.87	FL
9	1+20.00	0.50	4355.42	BC
10	1+23.75	0.50	4355.65	BC
11	1+34.18	0.50	4355.80	BC
12	1+42.29	0.50	4356.03	BC

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
13	1+48.42	0.50	4356.05	BC
14	1+58.42	0.50	4356.54	BC
15	1+64.42	0.50	4356.50	BC
16	1+70.42	0.50	4356.43	BC
17	1+41.79	2.95	4356.14	SW
18	1+40.09	8.80	4356.23	SW
19	1+48.42	1.00	4356.07	SW
20	1+48.42	3.50	4356.23	SW
21	1+48.42	9.50	4356.32	SW
22	1+55.42	3.50	4356.57	SW
23	1+55.42	9.50	4356.66	SW
24	1+64.42	6.50	4356.59	SW
25	1+70.42	6.50	4356.52	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x%
Design exception component

Point identifier

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 140 AT HUTCHINSON AVE.

BEATTY SITE 1 - CORNER 2

10 5 0 10

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	02000100
HWY: 020 M.P.: 40.85	
CORNER POSITION	2
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 10:11:29 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH

EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

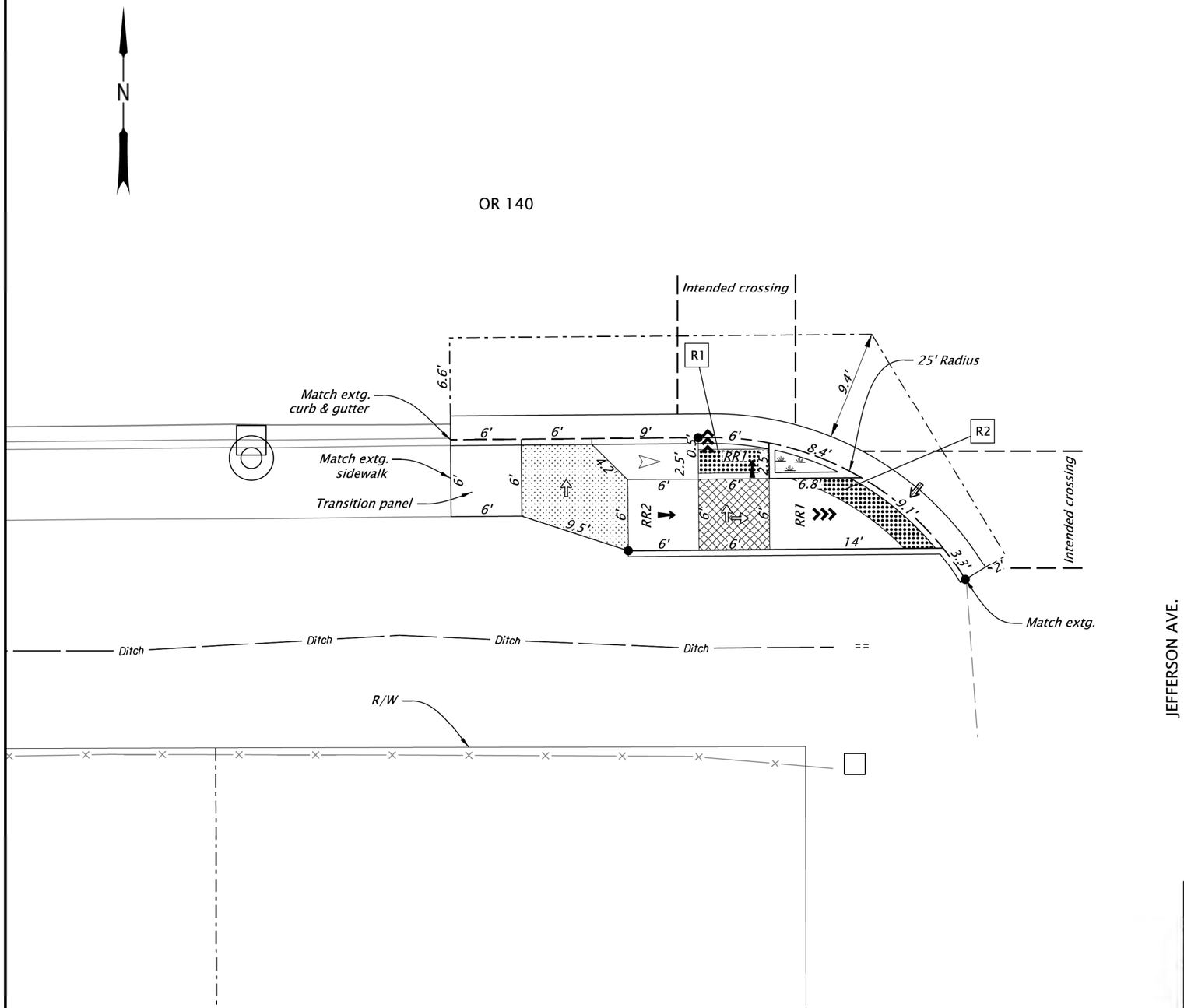
Designer: Landon Hepfner
Reviewer: Mike Hohbach
Drafter: Stuart Smith
Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC701

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026



OR 140 AT JEFFERSON AVE.

BEATTY SITE 2 - CORNER 1

- Area of excess sidewalk removal
- Rock mulch
- Sawcut line
- Zero curb exposure
- DE X.X' / DE x.x% — Design exception component
- R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	02000100
HWY: 020 M.P.: 40.94	
CORNER POSITION	1
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 09:10:47 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

CURB RAMP DETAILS

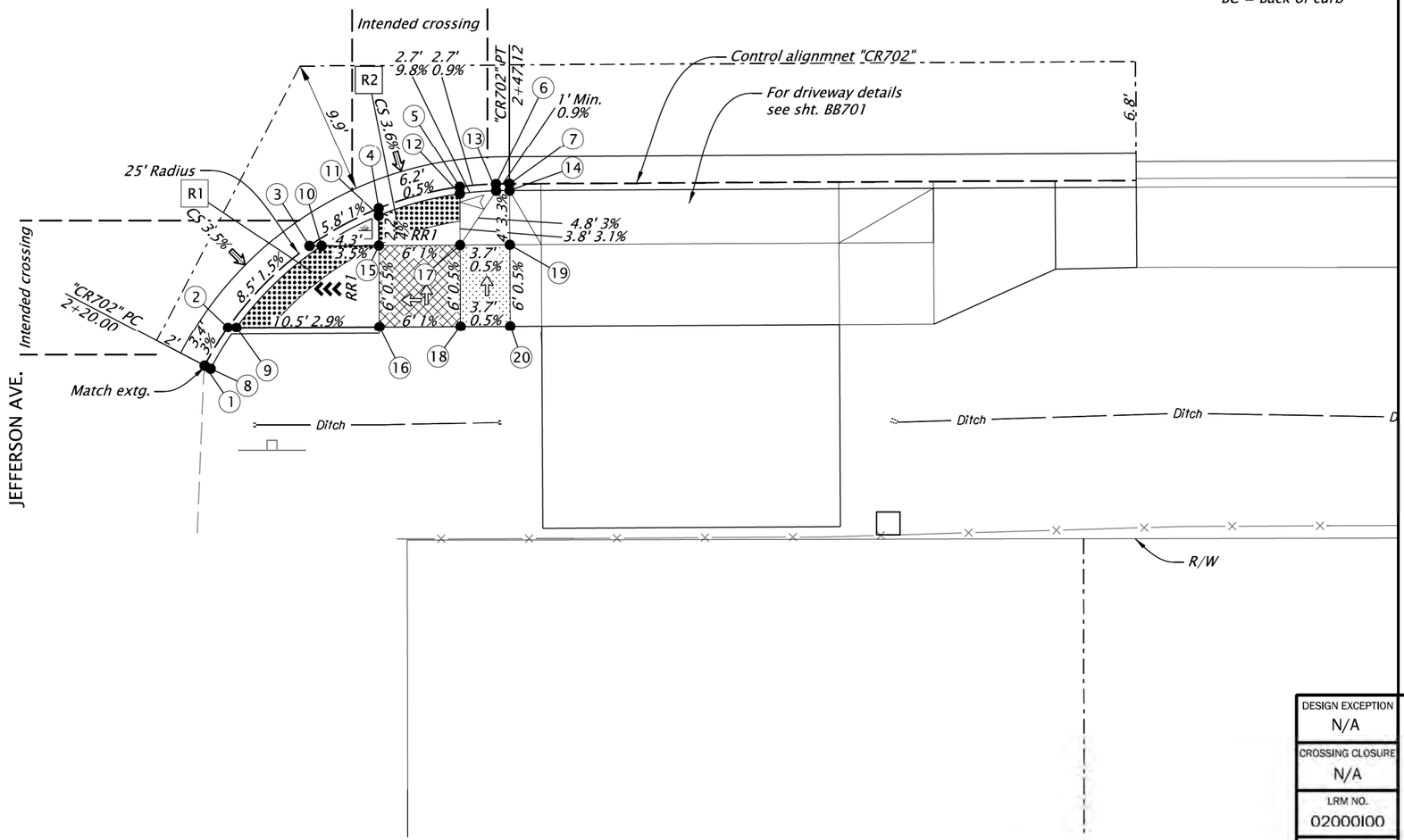
SHEET NO. BC702

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	2+20.00	0.00	4351.34	FL
2	2+23.32	0.00	4351.44	FL
3	2+31.89	0.00	4351.57	FL
4	2+37.73	0.00	4351.63	FL
5	2+43.94	0.00	4351.66	FL
6	2+46.61	0.00	4351.68	FL
7	2+47.62	0.00	4351.69	FL
8	2+20.00	0.50	4351.35	BC
9	2+23.69	0.50	4351.45	BC
10	2+32.64	0.50	4351.58	BC

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
11	2+37.53	0.50	4351.64	BC
12	2+43.88	0.50	4351.67	BC
13	2+46.61	0.50	4351.93	BC
14	2+47.62	0.50	4351.94	BC
15	2+36.61	2.54	4351.73	SW
16	2+33.02	7.84	4351.76	SW
17	2+43.28	4.26	4351.79	SW
18	2+41.74	10.16	4351.82	SW
19	2+47.62	4.50	4351.81	SW
20	2+47.62	10.50	4351.84	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



OR 140 AT JEFFERSON AVE.

BEATTY SITE 2 - CORNER 2

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x% — *Design exception component*

Point identifier

Ramp number

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	02000100
HWY: 020 M.P.: 40.94	
CORNER POSITION	2
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 09:09:52 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

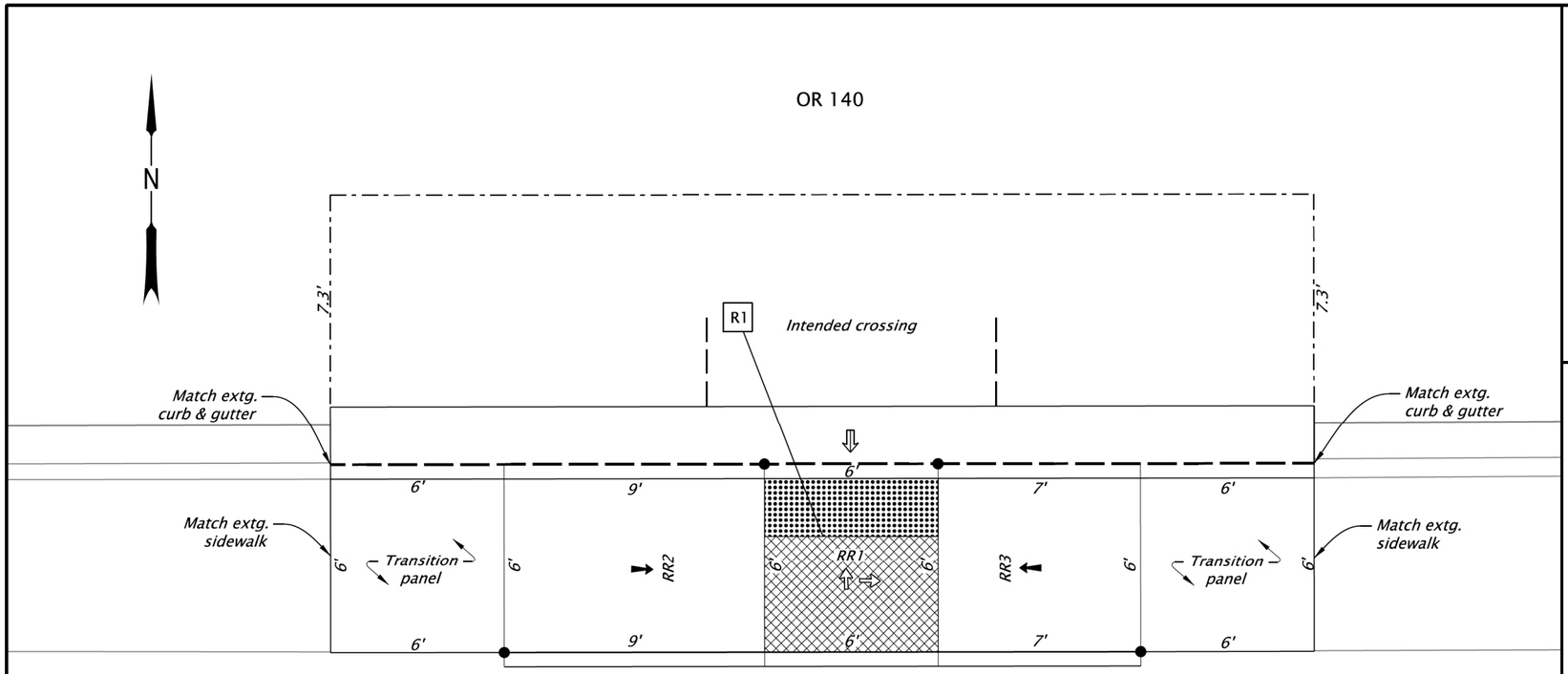
Designer: Landon Hepfner — Reviewer: Mike Hohbach
Drafter: Stuart Smith — Checker: Tony Quinn

CURB RAMP DETAILS — SHEET NO. BC703

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1" = 10'

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

OR 140

BEATTY SITE 3 - CORNER 1

DESIGN EXCEPTION: N/A

CROSSING CLOSURE: N/A

LRM NO.: 02000100

HWY: 020
M.P.: 41.03

CORNER POSITION: 1

RAMP NO.: 1

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 09:10:34 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH

EXPIRES 6-30-23

ADA CURB RAMP PILOT PROGRAM PROJECT

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

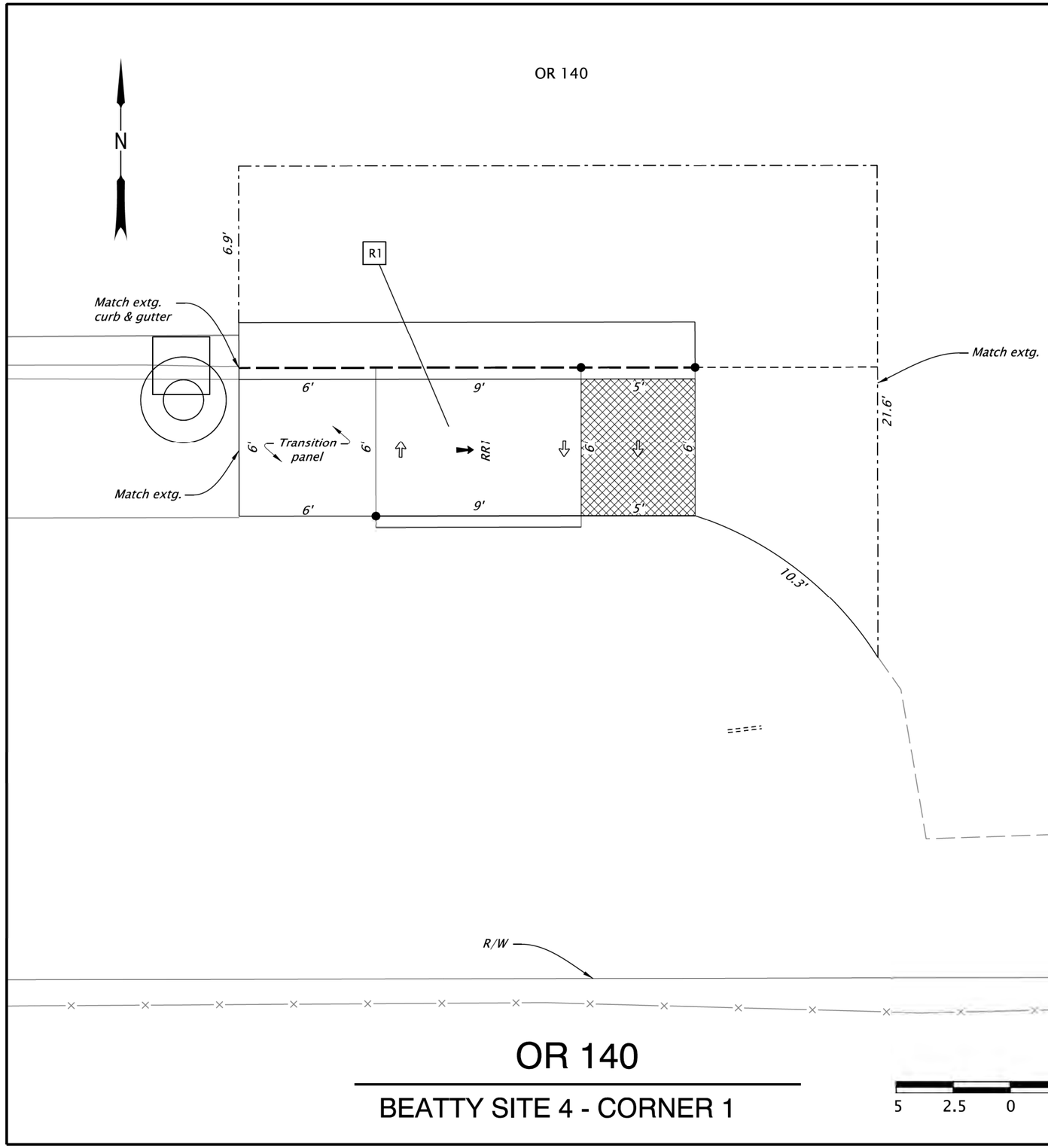
Designer: Landon Hepfner
Reviewer: Mike Hohbach
Drafter: Stuart Smith
Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO.: BC704

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

OR 140

BEATTY SITE 4 - CORNER 1

5 2.5 0 5

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	02000100
HWY: 020	
M.P.: 41.11	
CORNER POSITION	1
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 09:10:22 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH

EXPIRES 6-30-23

ADA CURB RAMP PILOT PROGRAM PROJECT

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner
Drafter: Stuart Smith
Reviewer: Mike Hohbach
Checker: Tony Quinn

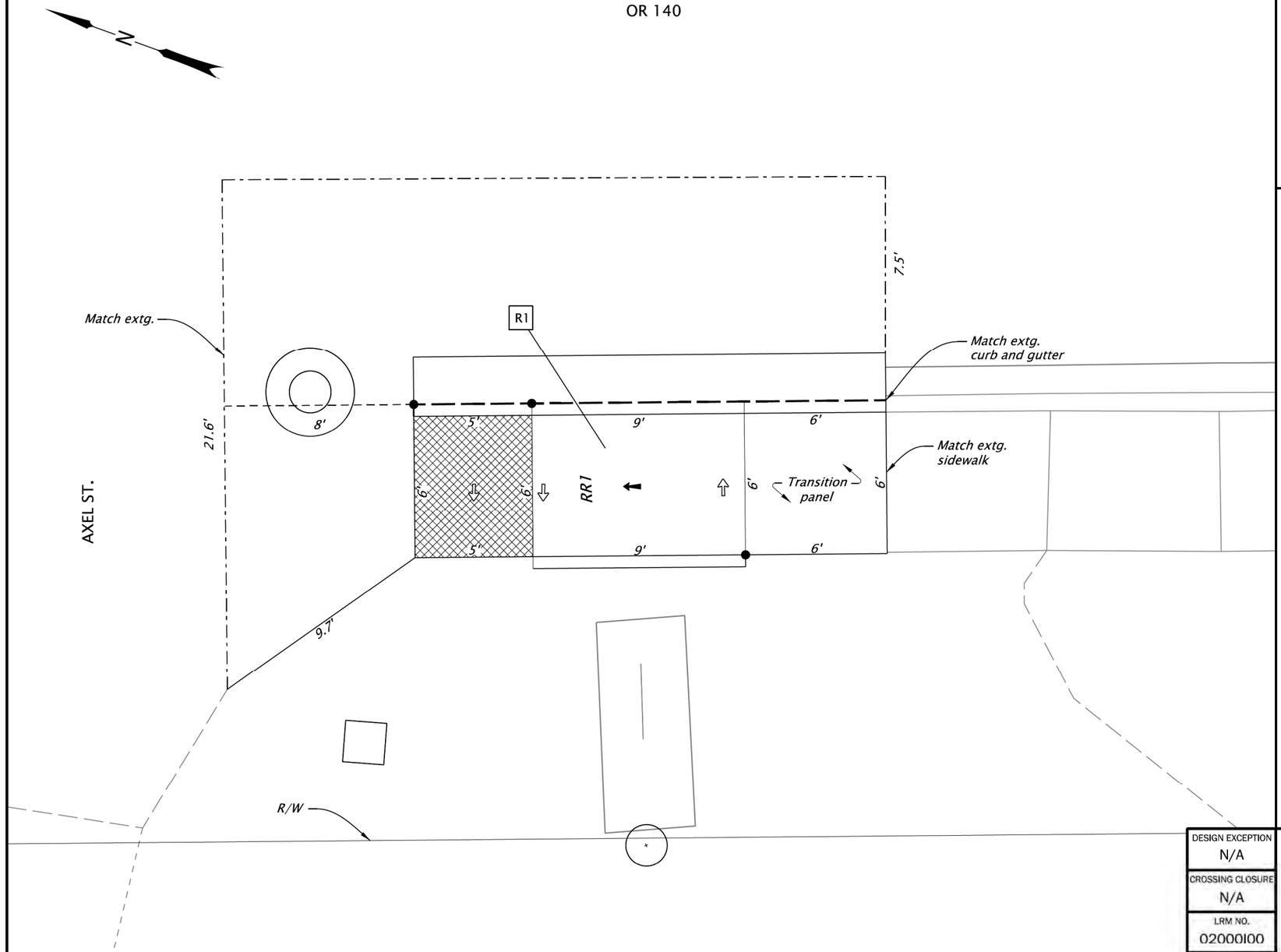
CURB RAMP DETAILS

SHEET NO. BC705

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1" = 5'

55V-026



OR 140 AT AXEL ST.

BLY SITE 1 - CORNER 1

	Area of excess sidewalk removal
	Rock mulch
	Sawcut line
	Zero curb exposure
DE X.X' DE x.x%	*Design exception component*
R#	*Ramp number*

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	02000100
HWY: 020 M.P.: 53.63	
CORNER POSITION	1
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 09:15:30 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH

EXPIRES 6-30-23

ADA CURB RAMP PILOT PROGRAM PROJECT

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

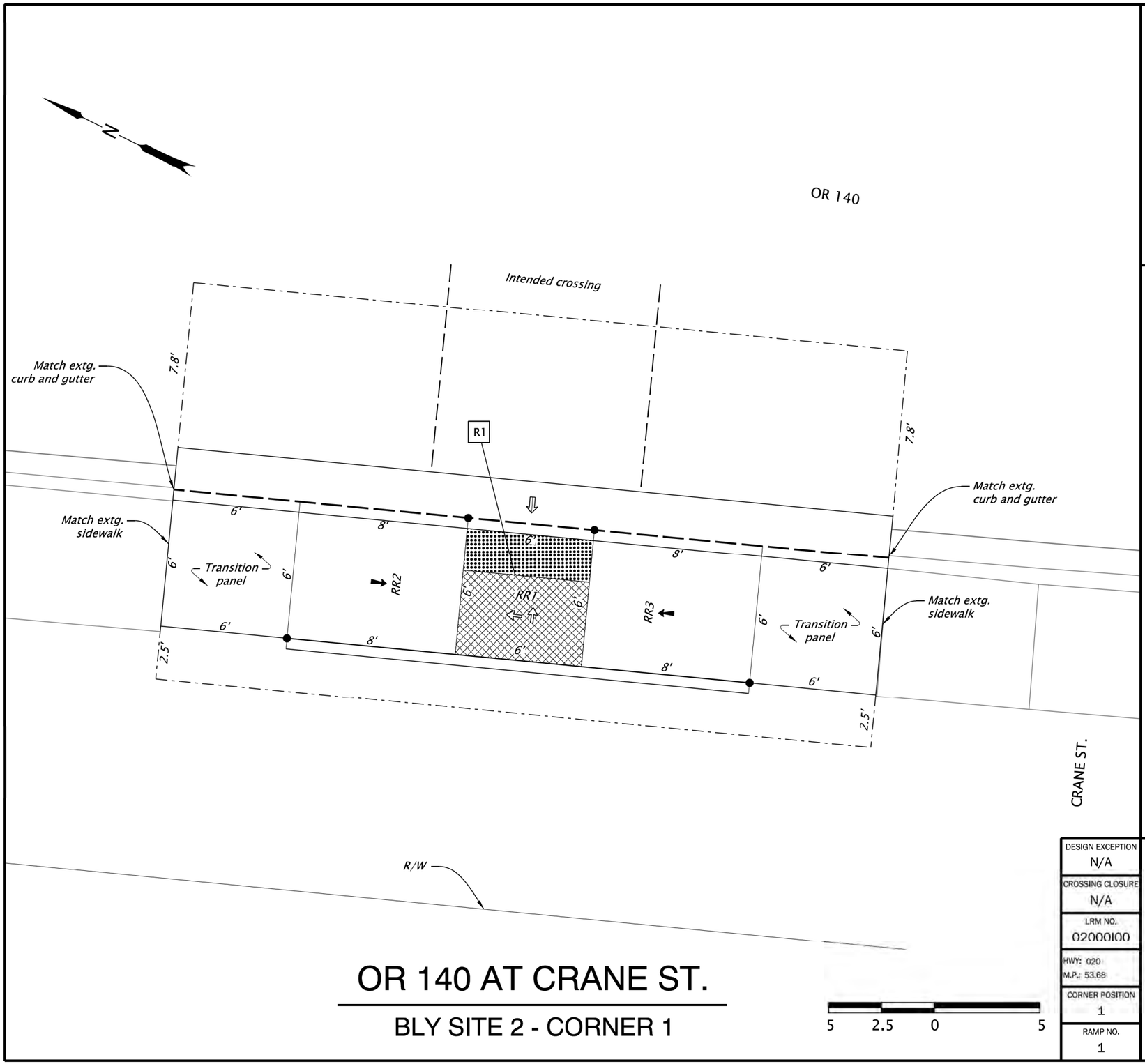
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

CURB RAMP DETAILS SHEET NO. BC801

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026



OR 140 AT CRANE ST.

BLY SITE 2 - CORNER 1

5 2.5 0 5

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	02000100
HWY: 020 M.P.: 53.68	
CORNER POSITION	1
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
60901PE
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OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

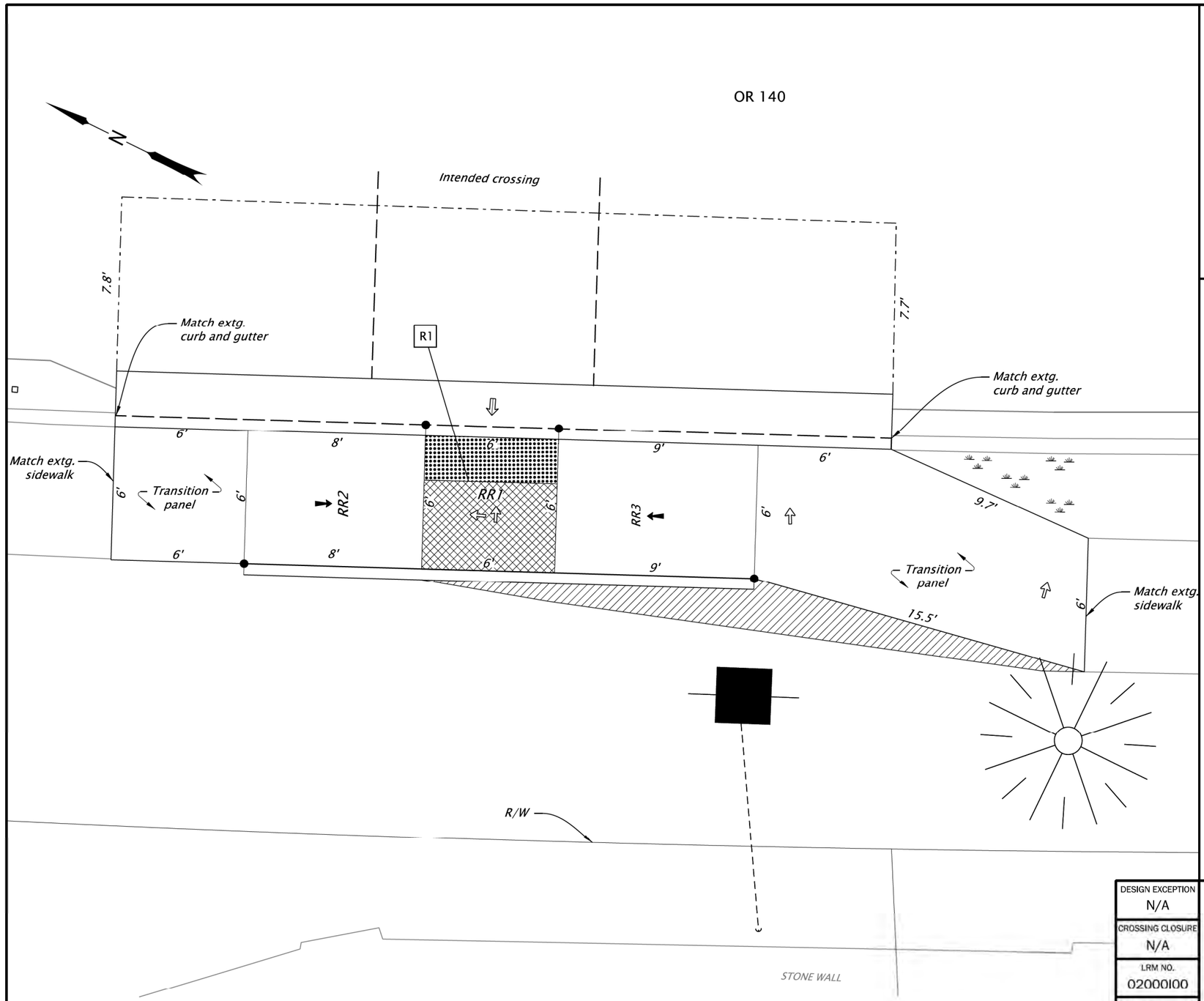
Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC802

Rotation: 294° Scale: 1" = 5'

55V-026



OR 140 AT CRANE ST.

BLY SITE 2 - CORNER 2

	Area of excess sidewalk removal
	Rock mulch
	Sawcut line
	Zero curb exposure
DE X.X' DE x.x%	*Design exception component*
R#	*Ramp number*

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	02000100
HWY: 020 M.P.: 53.68	
CORNER POSITION	2
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
60901PE
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OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

ADA CURB RAMP PILOT PROGRAM PROJECT

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

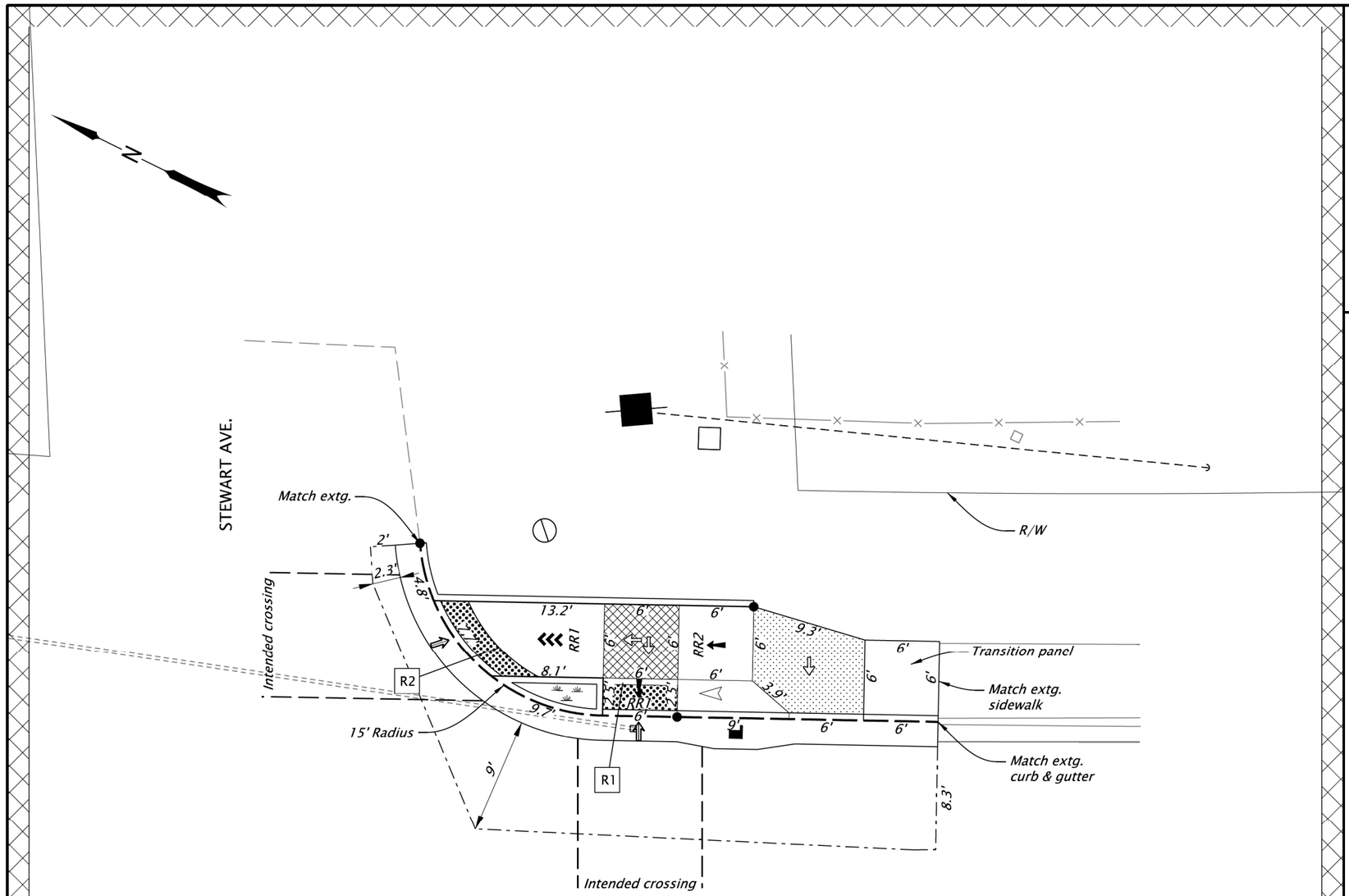
Designer: Landon Hepfner | Reviewer: Mike Hohbach
Drafter: Stuart Smith | Checker: Tony Quinn

CURB RAMP DETAILS | SHEET NO. BC803

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 294° Scale: 1" = 5'

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 140 AT STEWART ST.

BLY SITE 2 - CORNER 3

10 5 0 10

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	02000100
HWY: 020 M.P.: 53.68	
CORNER POSITION	3
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 09:14:46 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH

EXPIRES 6-30-23

EMERIO
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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

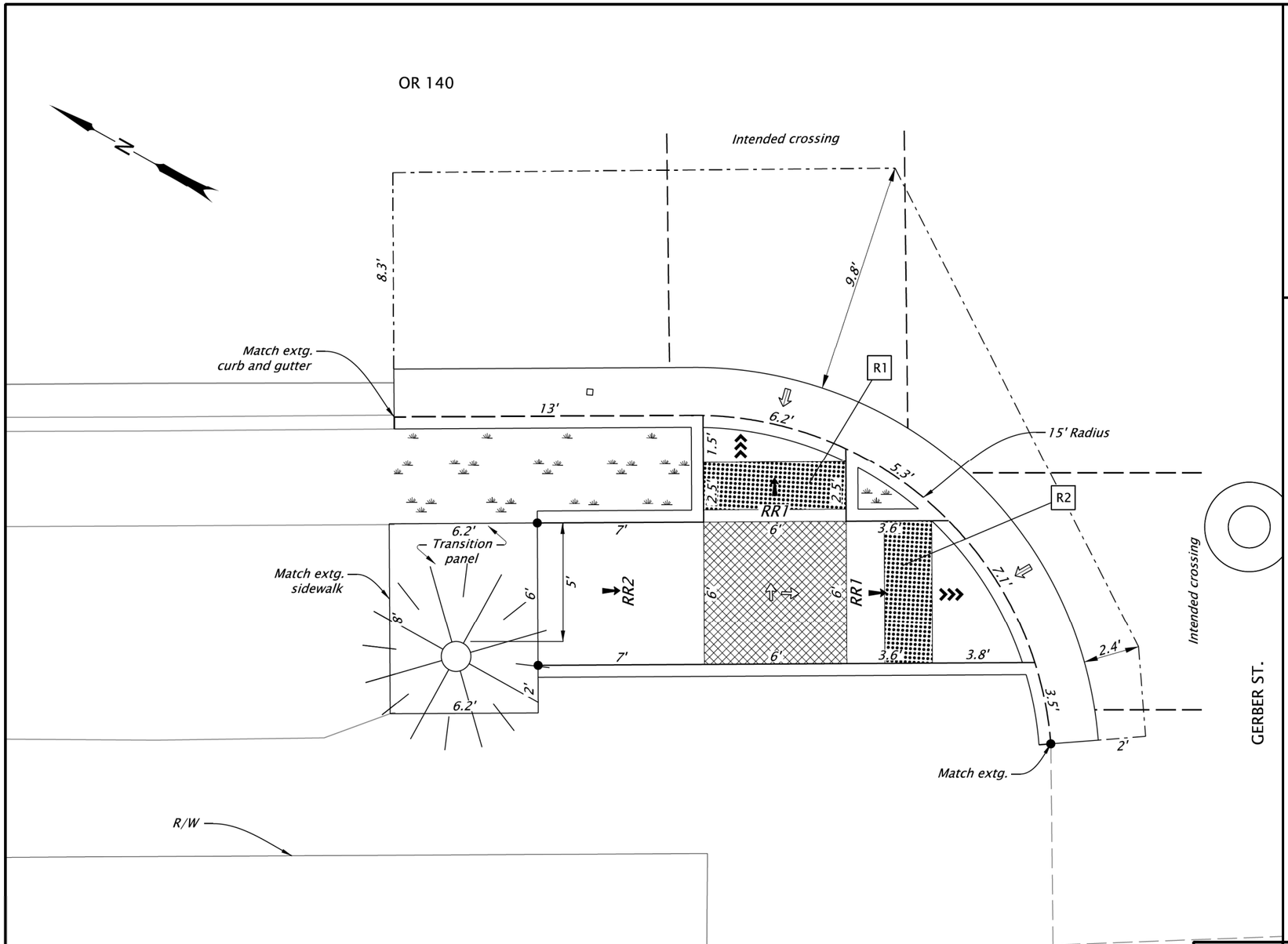
CURB RAMP DETAILS

SHEET NO. BC804

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 294° Scale: 1" = 10'

55V-026



OR 140 AT GERBER ST.

BLY SITE 3 - CORNER 1

5 2.5 0 5

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	02000100
HWY: 020 M.P.: 53.77	
CORNER POSITION	1
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
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OREGON
JULY 09, 2002
MICHAEL J. HOHBACH

EXPIRES 6-30-23

ADA CURB RAMP PILOT PROGRAM PROJECT

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

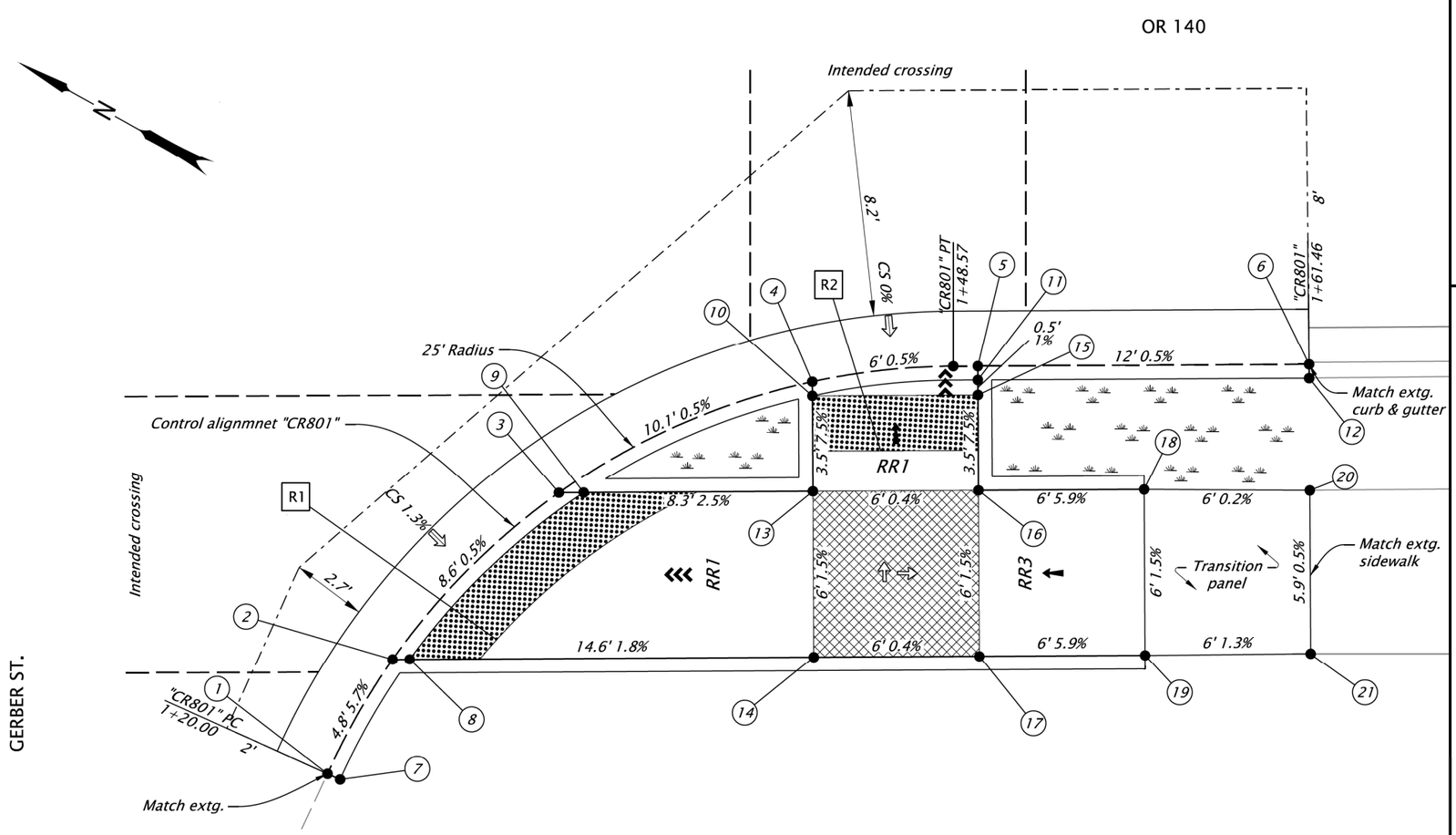
CURB RAMP DETAILS

SHEET NO. BC805

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 299° Scale: 1" = 5'

55V-026



LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	1+20.00	0.00	4360.71	FL
2	1+24.77	0.00	4360.43	FL
3	1+33.34	0.00	4360.39	FL
4	1+43.43	0.00	4360.34	FL
5	1+49.46	0.00	4360.31	FL
6	1+61.46	0.00	4360.25	FL
7	1+20.00	0.50	4360.72	BC
8	1+25.14	0.50	4360.44	BC
9	1+34.09	0.50	4360.40	BC
10	1+43.32	0.50	4360.35	BC
11	1+49.46	0.50	4360.32	BC

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
12	1+61.46	0.50	4360.82	BC
13	1+42.47	3.87	4360.61	SW
14	1+40.10	9.63	4360.70	SW
15	1+49.46	1.04	4360.33	SW
16	1+49.46	4.50	4360.58	SW
17	1+49.46	10.50	4360.67	SW
18	1+55.46	4.50	4360.94	SW
19	1+55.46	10.50	4361.03	SW
20	1+61.46	4.57	4360.93	SW
21	1+61.46	10.47	4360.95	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb

OR 140 AT GERBER ST.

BLY SITE 3 - CORNER 2

5 2.5 0 5

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' / DE x.x% — Design exception component

(#) — Point identifier

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	02000100
HWY: 020 M.P.: 53.77	
CORNER POSITION	2
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 09:14:21 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

ADA CURB RAMP PILOT PROGRAM PROJECT

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

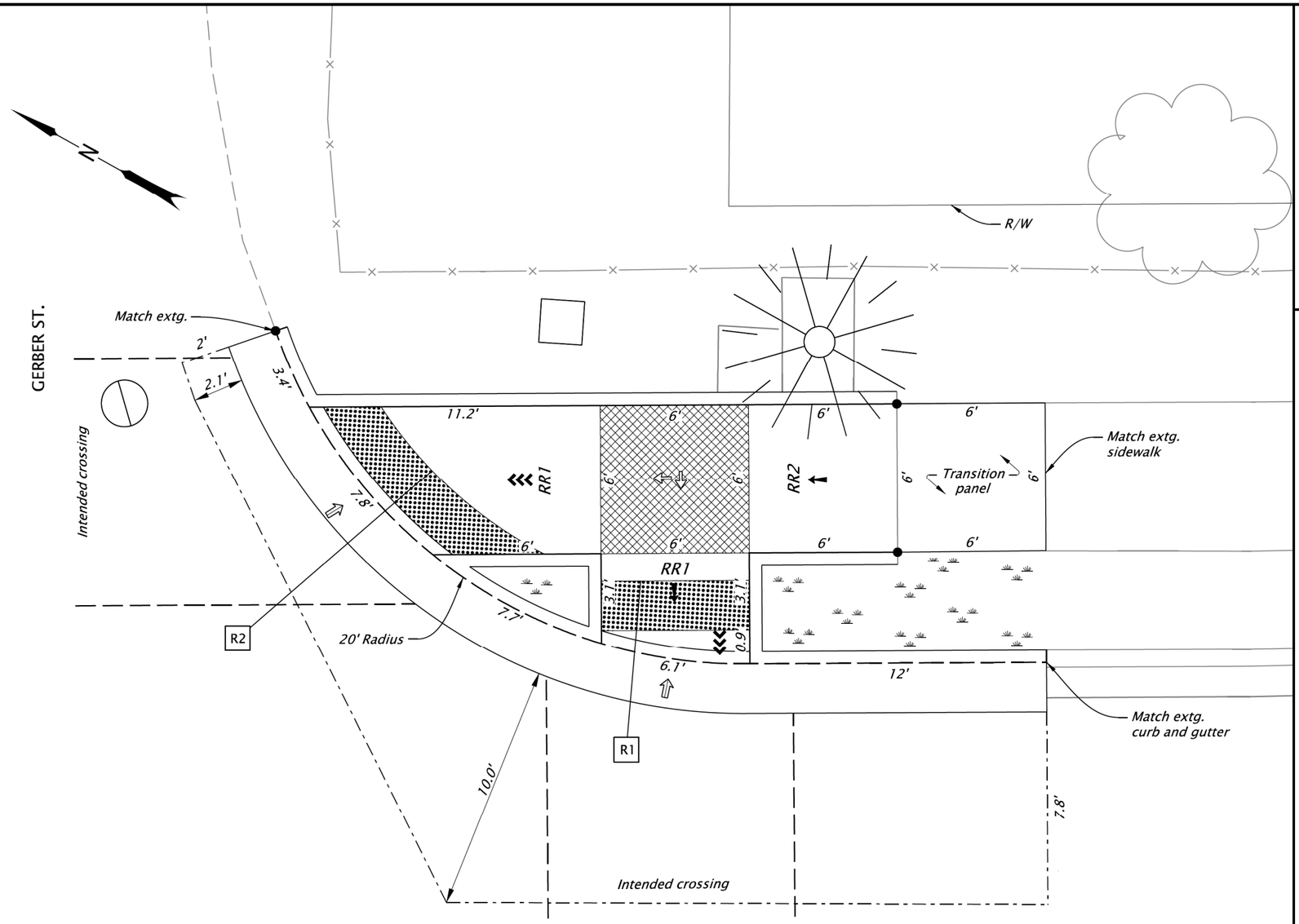
CURB RAMP DETAILS

SHEET NO. BC806

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 299° Scale: 1" = 5'

55V-026



- Area of excess sidewalk removal
- Rock mulch
- Sawcut line
- Zero curb exposure
- DE X.X' / DE x.x% — Design exception component
- R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

OR 140 AT GERBER ST.

BLY SITE 3 - CORNER 3

OR 140

5 2.5 0 5

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	02000100
HWY: 020 M.P.: 53.77	
CORNER POSITION	3
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 09:14:08 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

ADA CURB RAMP PILOT PROGRAM PROJECT

EMERIO ENGINEERING • SURVEYING • DESIGN

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

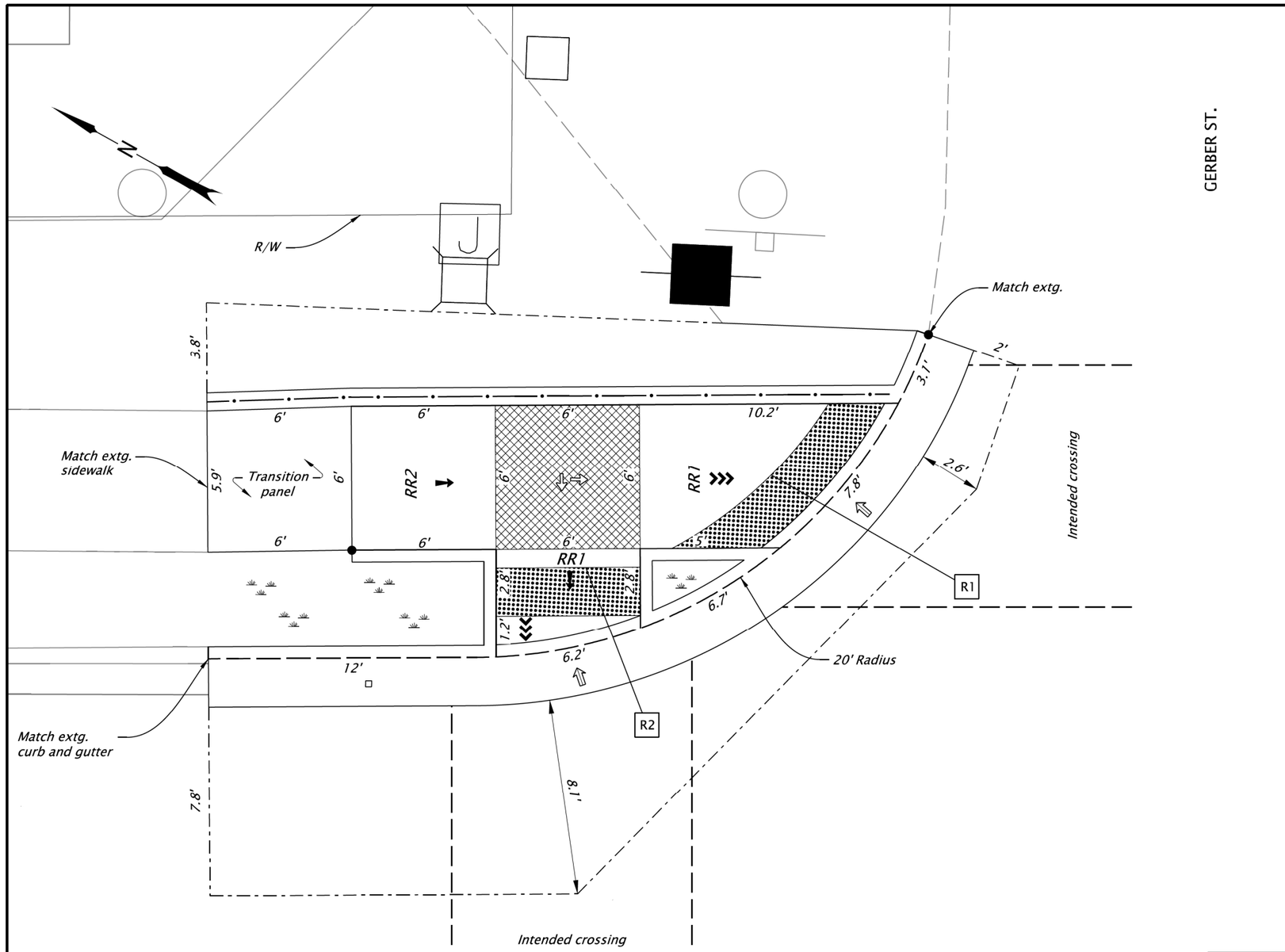
Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

CURB RAMP DETAILS — SHEET NO. BC807

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 299° Scale: 1" = 5'

55V-026



OR 140

OR 140 AT GERBER ST.

BLY SITE 3 - CORNER 4

5 2.5 0 5

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x% *Design exception component*

R# *Ramp number*

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	02000100
HWY: 020 M.P.: 53.77	
CORNER POSITION	4
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 09:13:54 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

ADA CURB RAMP PILOT PROGRAM PROJECT

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

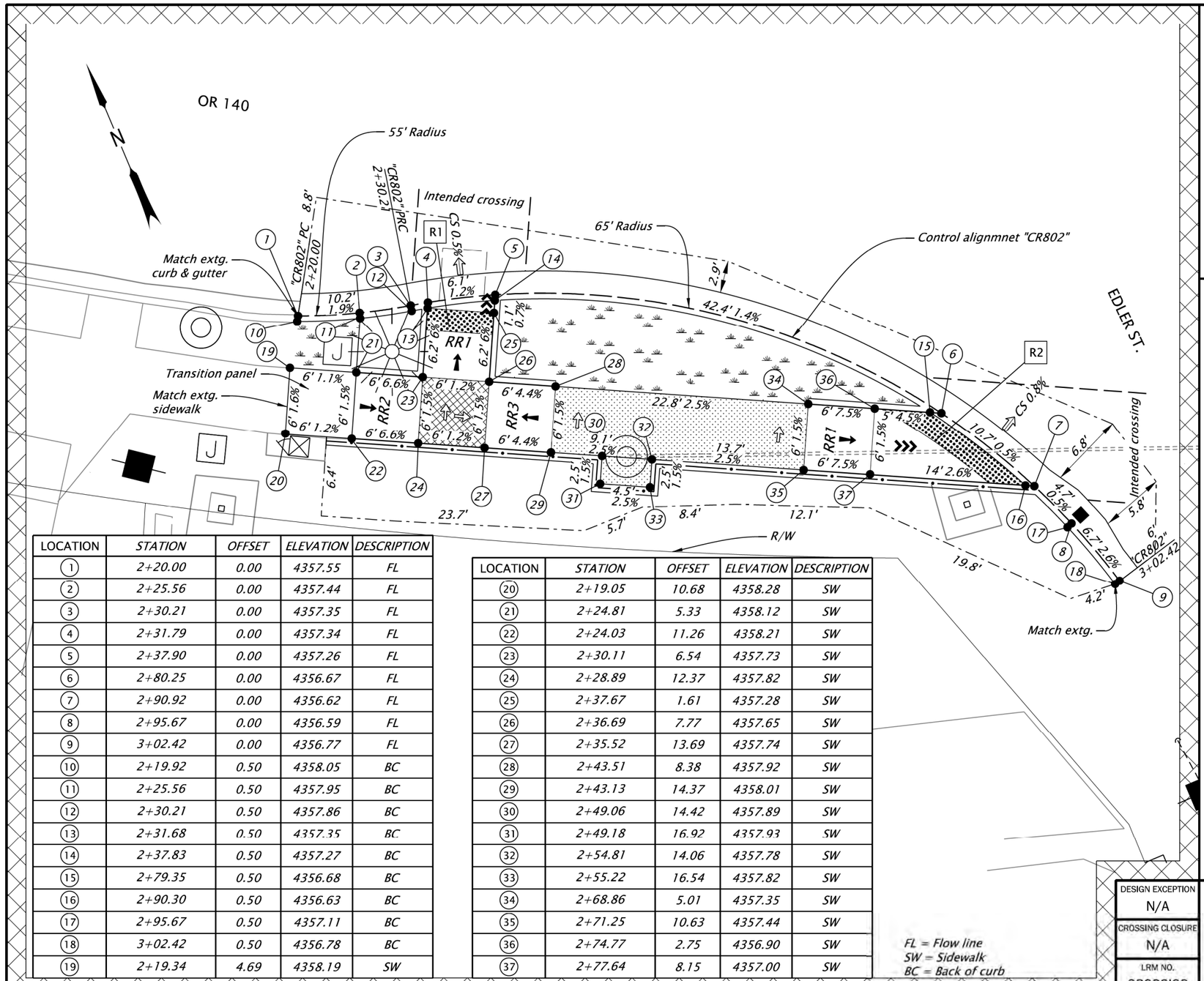
CURB RAMP DETAILS

SHEET NO. BC808

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 299° Scale: 1" = 5'

55V-026



LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	2+20.00	0.00	4357.55	FL
2	2+25.56	0.00	4357.44	FL
3	2+30.21	0.00	4357.35	FL
4	2+31.79	0.00	4357.34	FL
5	2+37.90	0.00	4357.26	FL
6	2+80.25	0.00	4356.67	FL
7	2+90.92	0.00	4356.62	FL
8	2+95.67	0.00	4356.59	FL
9	3+02.42	0.00	4356.77	FL
10	2+19.92	0.50	4358.05	BC
11	2+25.56	0.50	4357.95	BC
12	2+30.21	0.50	4357.86	BC
13	2+31.68	0.50	4357.35	BC
14	2+37.83	0.50	4357.27	BC
15	2+79.35	0.50	4356.68	BC
16	2+90.30	0.50	4356.63	BC
17	2+95.67	0.50	4357.11	BC
18	3+02.42	0.50	4356.78	BC
19	2+19.34	4.69	4358.19	SW

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
20	2+19.05	10.68	4358.28	SW
21	2+24.81	5.33	4358.12	SW
22	2+24.03	11.26	4358.21	SW
23	2+30.11	6.54	4357.73	SW
24	2+28.89	12.37	4357.82	SW
25	2+37.67	1.61	4357.28	SW
26	2+36.69	7.77	4357.65	SW
27	2+35.52	13.69	4357.74	SW
28	2+43.51	8.38	4357.92	SW
29	2+43.13	14.37	4358.01	SW
30	2+49.06	14.42	4357.89	SW
31	2+49.18	16.92	4357.93	SW
32	2+54.81	14.06	4357.78	SW
33	2+55.22	16.54	4357.82	SW
34	2+68.86	5.01	4357.35	SW
35	2+71.25	10.63	4357.44	SW
36	2+74.77	2.75	4356.90	SW
37	2+77.64	8.15	4357.00	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb

10 5 0 10

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' / DE x.x% — Design exception component

(#) — Point identifier

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

OR 140 AT EDLER ST.

BLY SITE 4 - CORNER 1

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	02000100
HWY: 020	M.P.: 53.87
CORNER POSITION	1
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 10:13:19 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH

EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner — Reviewer: Mike Hohbach
Drafter: Stuart Smith — Checker: Tony Quinn

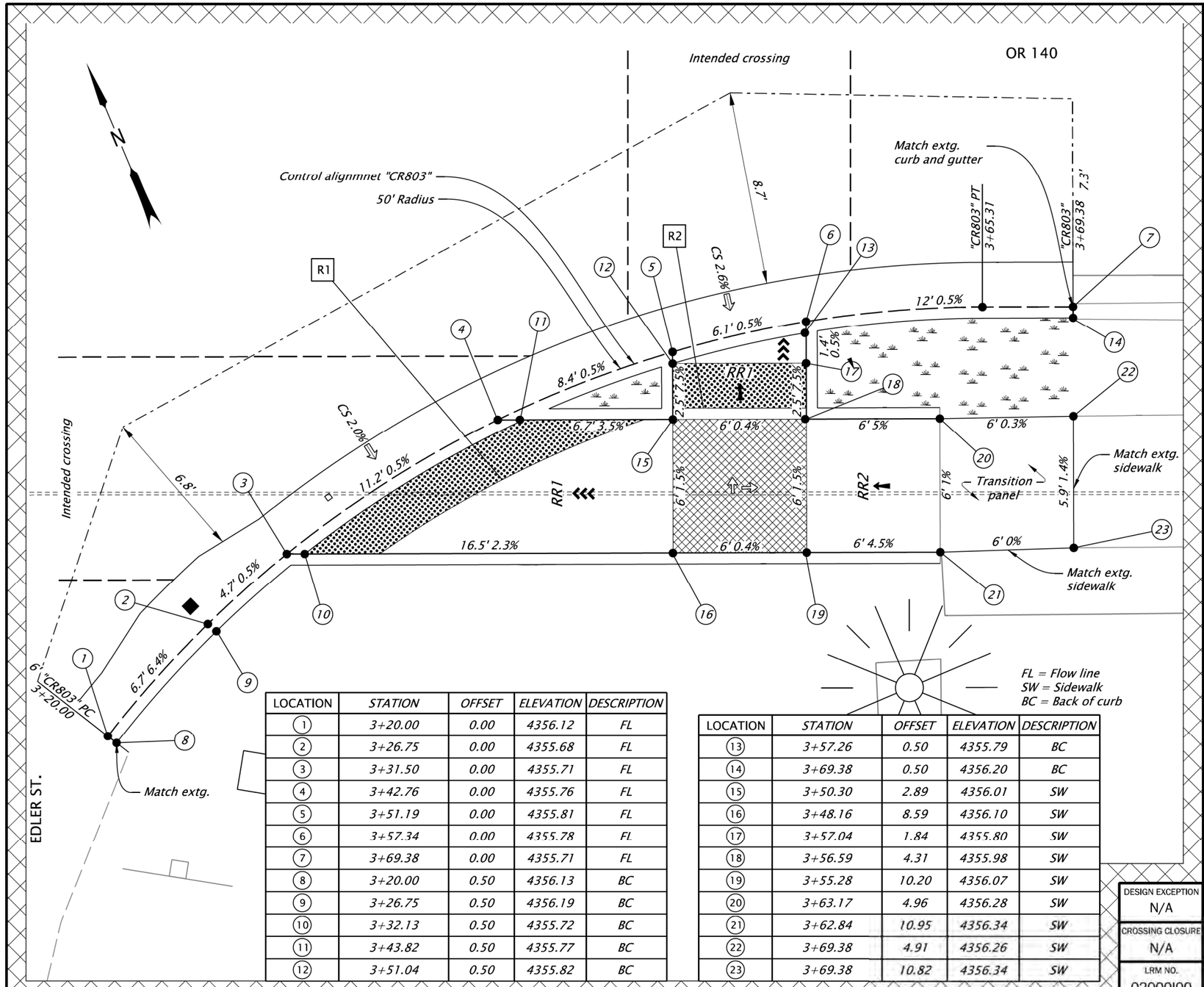
CURB RAMP DETAILS

SHEET NO. BC809

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 337° Scale: 1" = 10'

55V-026



LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	3+20.00	0.00	4356.12	FL
2	3+26.75	0.00	4355.68	FL
3	3+31.50	0.00	4355.71	FL
4	3+42.76	0.00	4355.76	FL
5	3+51.19	0.00	4355.81	FL
6	3+57.34	0.00	4355.78	FL
7	3+69.38	0.00	4355.71	FL
8	3+20.00	0.50	4356.13	BC
9	3+26.75	0.50	4356.19	BC
10	3+32.13	0.50	4355.72	BC
11	3+43.82	0.50	4355.77	BC
12	3+51.04	0.50	4355.82	BC

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
13	3+57.26	0.50	4355.79	BC
14	3+69.38	0.50	4356.20	BC
15	3+50.30	2.89	4356.01	SW
16	3+48.16	8.59	4356.10	SW
17	3+57.04	1.84	4355.80	SW
18	3+56.59	4.31	4355.98	SW
19	3+55.28	10.20	4356.07	SW
20	3+63.17	4.96	4356.28	SW
21	3+62.84	10.95	4356.34	SW
22	3+69.38	4.91	4356.26	SW
23	3+69.38	10.82	4356.34	SW

OR 140 AT EDLER ST.

BLY SITE 4 - CORNER 2

5 2.5 0 5

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X' DE x.x% *Design exception component*

(#) *Point identifier*

R# *Ramp number*

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	02000100
HWY: 020 M.P.: 53.87	
CORNER POSITION	2
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 09:13:16 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

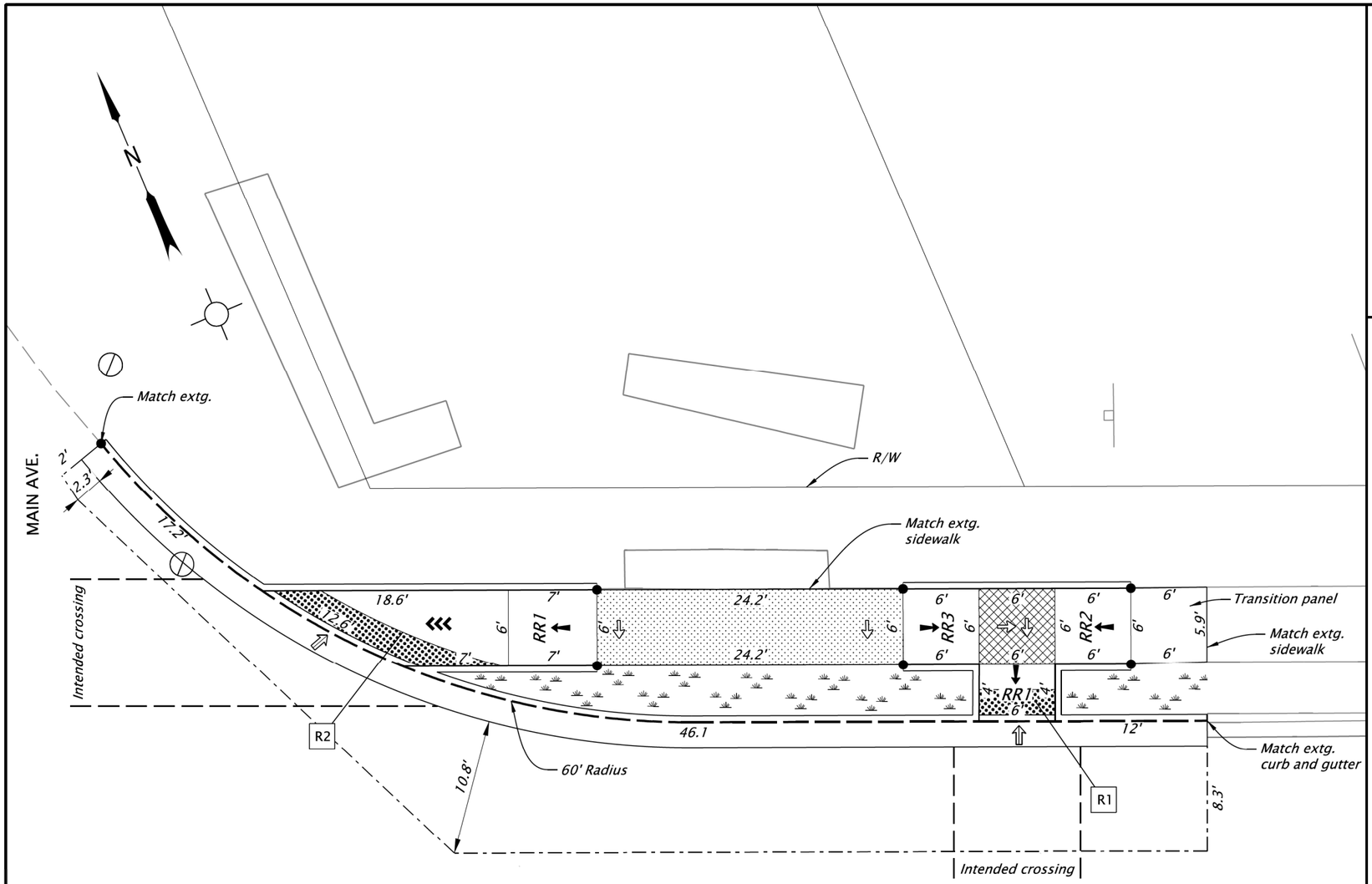
CURB RAMP DETAILS

SHEET NO. BC810

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 337° Scale: 1" = 10'

55V-026



OR 140

OR 140 AT MAIN AVE.

BLY SITE 4 - CORNER 3

10 5 0 10

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X' / DE x.x% — Design exception component

R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	02000100
HWY: 020 M.P.: 53.87	
CORNER POSITION	3
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 10:13:07 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC811

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

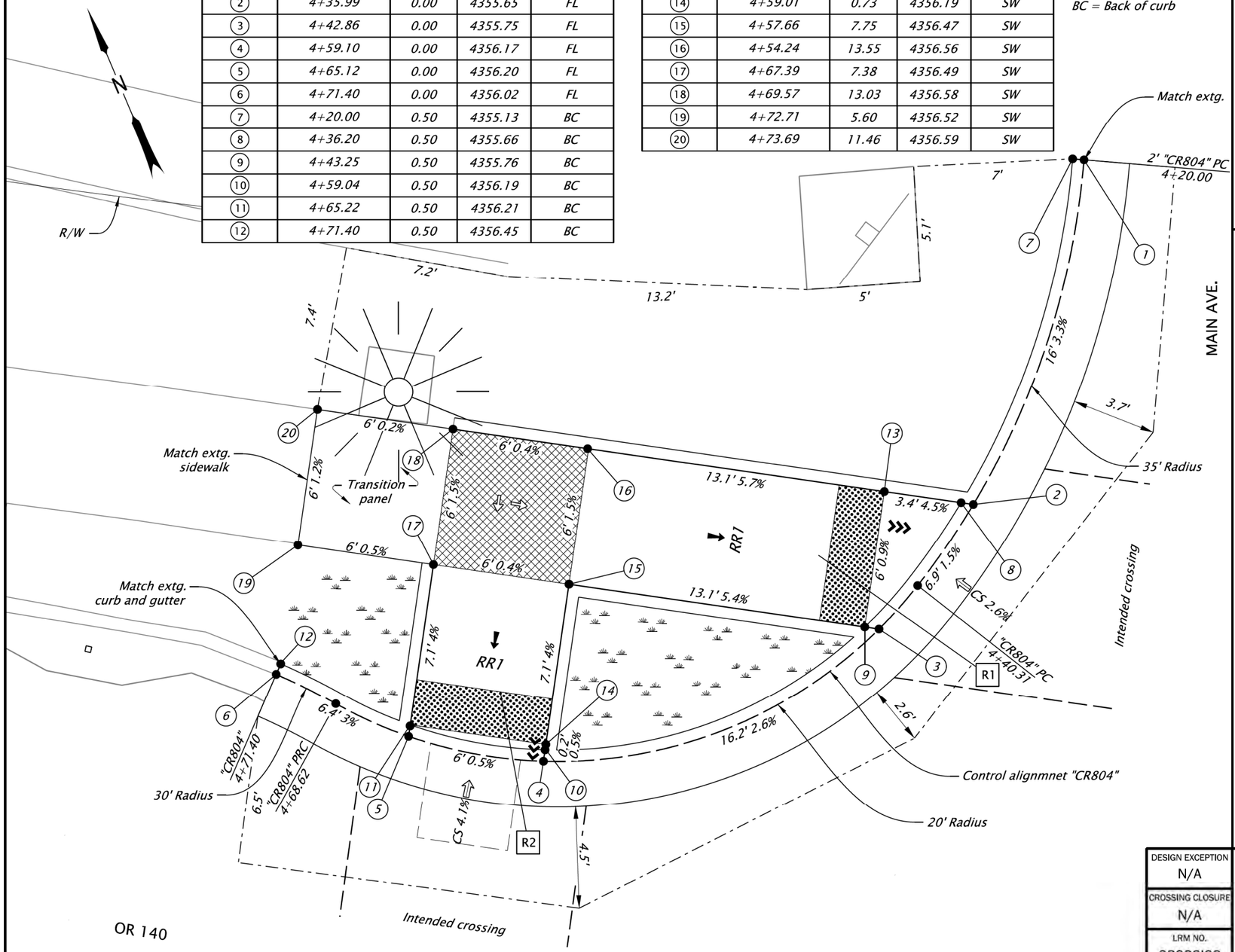
Rotation: 337° Scale: 1" = 10'

55V-026

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
1	4+20.00	0.00	4355.12	FL
2	4+35.99	0.00	4355.65	FL
3	4+42.86	0.00	4355.75	FL
4	4+59.10	0.00	4356.17	FL
5	4+65.12	0.00	4356.20	FL
6	4+71.40	0.00	4356.02	FL
7	4+20.00	0.50	4355.13	BC
8	4+36.20	0.50	4355.66	BC
9	4+43.25	0.50	4355.76	BC
10	4+59.04	0.50	4356.19	BC
11	4+65.22	0.50	4356.21	BC
12	4+71.40	0.50	4356.45	BC

LOCATION	STATION	OFFSET	ELEVATION	DESCRIPTION
13	4+37.68	3.60	4355.81	SW
14	4+59.01	0.73	4356.19	SW
15	4+57.66	7.75	4356.47	SW
16	4+54.24	13.55	4356.56	SW
17	4+67.39	7.38	4356.49	SW
18	4+69.57	13.03	4356.58	SW
19	4+72.71	5.60	4356.52	SW
20	4+73.69	11.46	4356.59	SW

FL = Flow line
SW = Sidewalk
BC = Back of curb



OR 140 AT MAIN AVE.

BLY SITE 4 - CORNER 4

5 2.5 0 5

Area of excess sidewalk removal

Rock mulch

Sawcut line

DE X.X'
DE x.x%
Design exception component

Point identifier

R# Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	02000100
HWY: 020 M.P.: 53.87	
CORNER POSITION	4
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 09:17:40 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

ADA CURB RAMP PILOT PROGRAM PROJECT

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

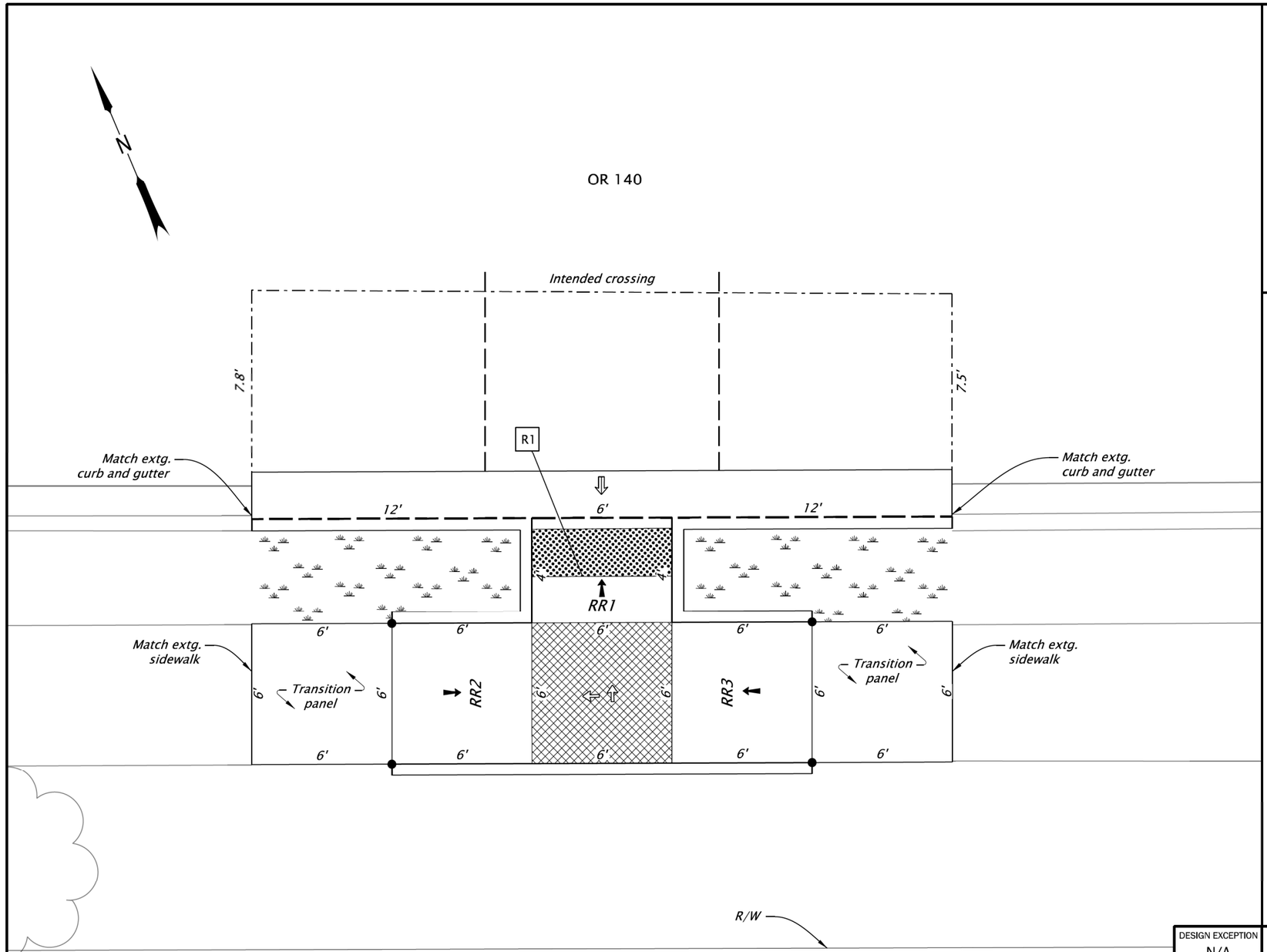
CURB RAMP DETAILS

SHEET NO. BC812

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 337° Scale: 1" = 5'

55V-026



Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

OR 140 AT MARVIN ST.

BLY SITE 5 - CORNER 1

5 2.5 0 5

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	02000100
HWY: 020 M.P.: 53.91	
CORNER POSITION	1
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 09:17:28 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

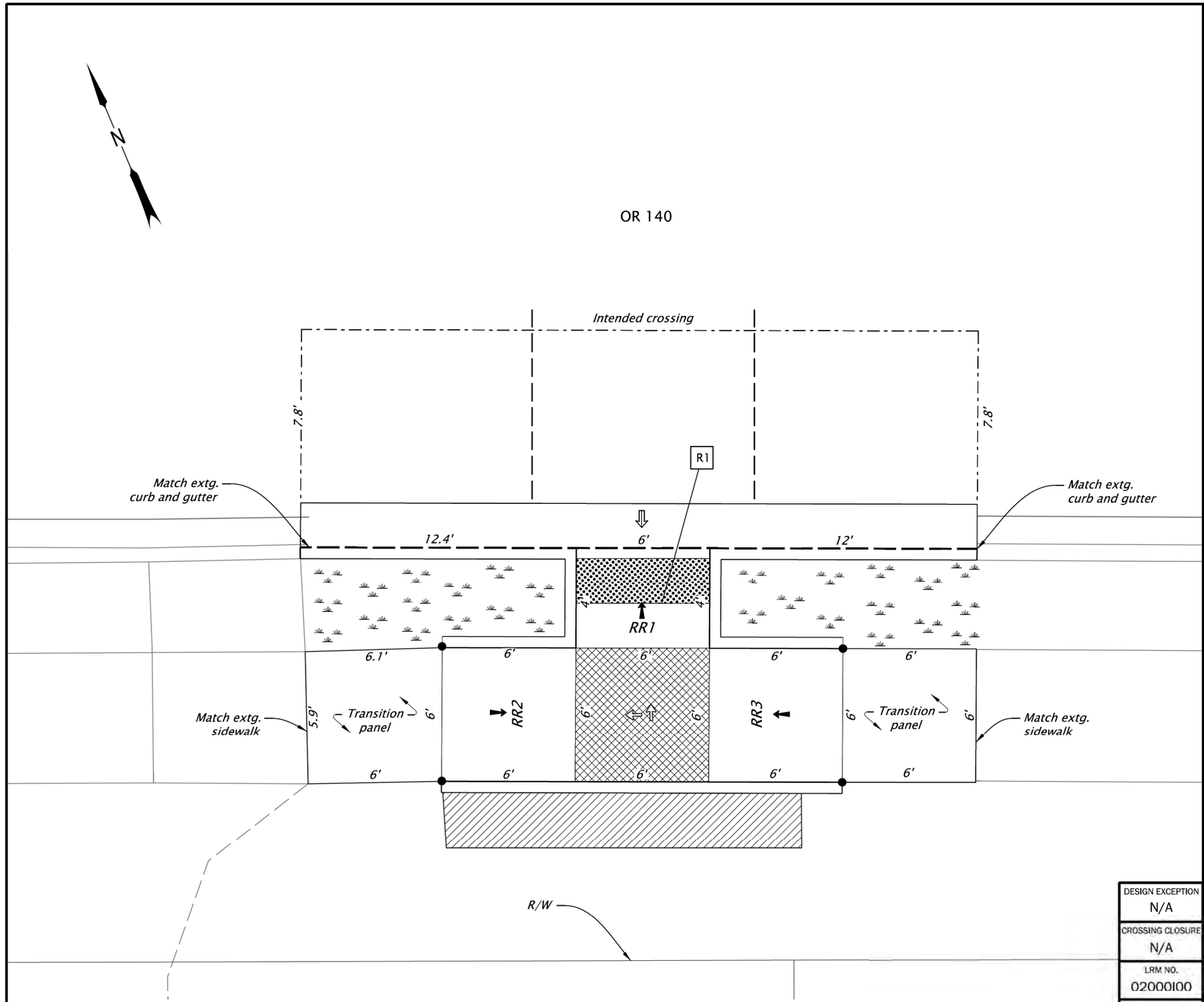
Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC813

Rotation: 337° Scale: 1" = 5'

55V-026



OR 140 AT MARVIN ST.

BLY SITE 5 - CORNER 2

5 2.5 0 5

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	02000100
HWY: 020 M.P.: 53.91	
CORNER POSITION	2
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 09:17:15 -08'00'
OREGON
JULY 09, 2092
MICHAEL J. HOHBACH

EXPIRES 6-30-23

ADA CURB RAMP PILOT PROGRAM PROJECT

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner
Drafter: Stuart Smith
Reviewer: Mike Hohbach
Checker: Tony Quinn

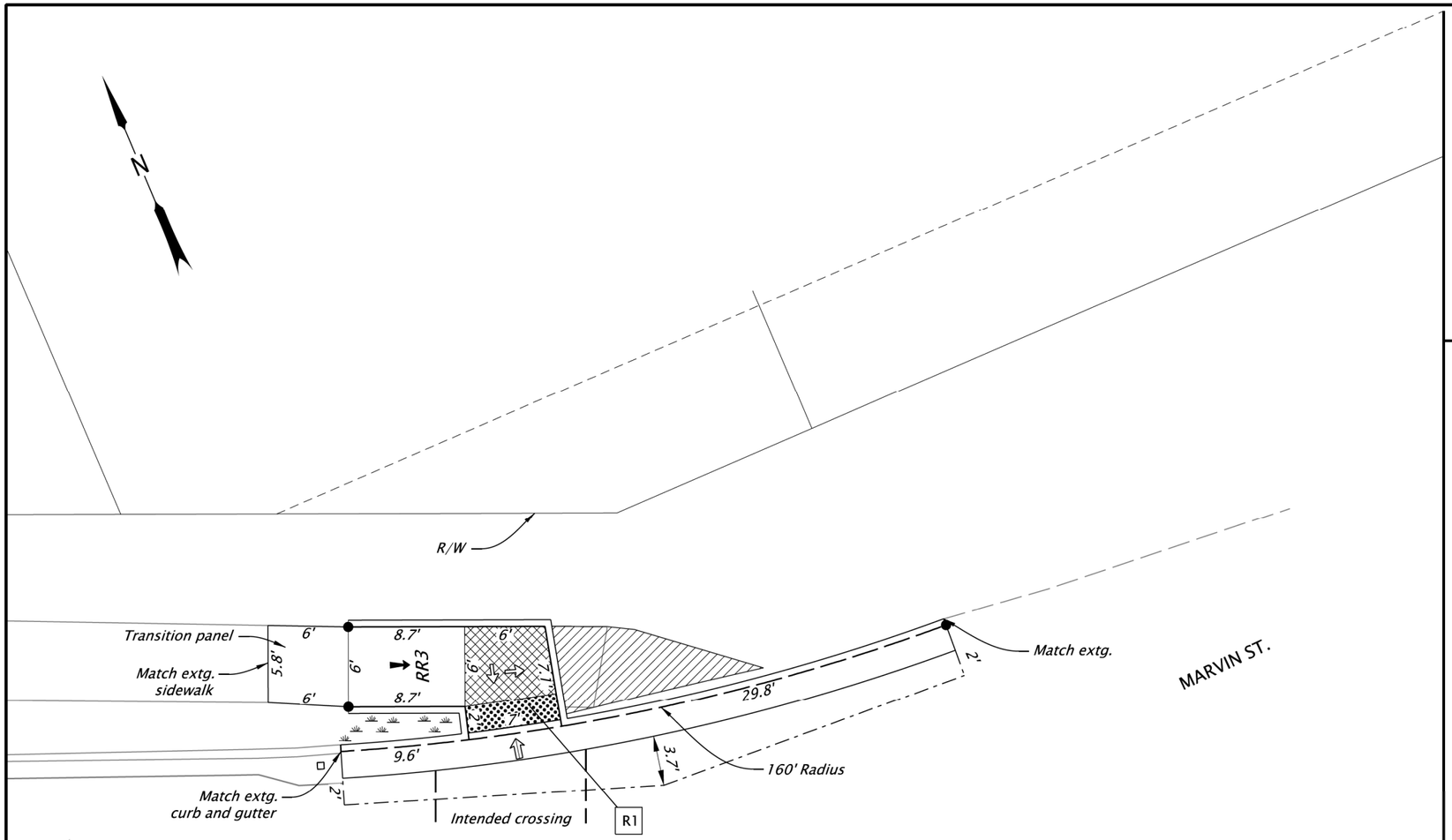
CURB RAMP DETAILS

SHEET NO. BC814

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 337° Scale: 1" = 5'

55V-026



OR 140

OR 140 AT MARVIN ST.

BLY SITE 5 - CORNER 4

10 5 0 10

Area of excess sidewalk removal

Rock mulch

Sawcut line

Zero curb exposure

DE X.X'
DE x.x%
Design exception component

R#
Ramp number

CONSTRUCTION NOTES:

1. *Max. cross slope change on ramp 0.5% per foot.*
2. *See BA01 for curb and gutter detail.*
3. *Mark R/W line prior to construction.*
4. *See general construction sheets for details not shown.*
5. *See std. dwgs. for details not shown.*
6. *Slopes hold over elevations.*
7. *See sht. BC01 for curb ramp and gutter details.*
8. *Construct concrete joints as shown on plans or as directed by Engineer.*
9. *Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.*

ADA CURB RAMP PILOT PROGRAM PROJECT

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	02000100
HWY: 020 M.P.: 53.91	
CORNER POSITION	4
RAMP NO.	1

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 09:17:01 -08'00'
OREGON
JULY 09, 2022
MICHAEL J. HOHBACH

EXPIRES 6-30-23

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

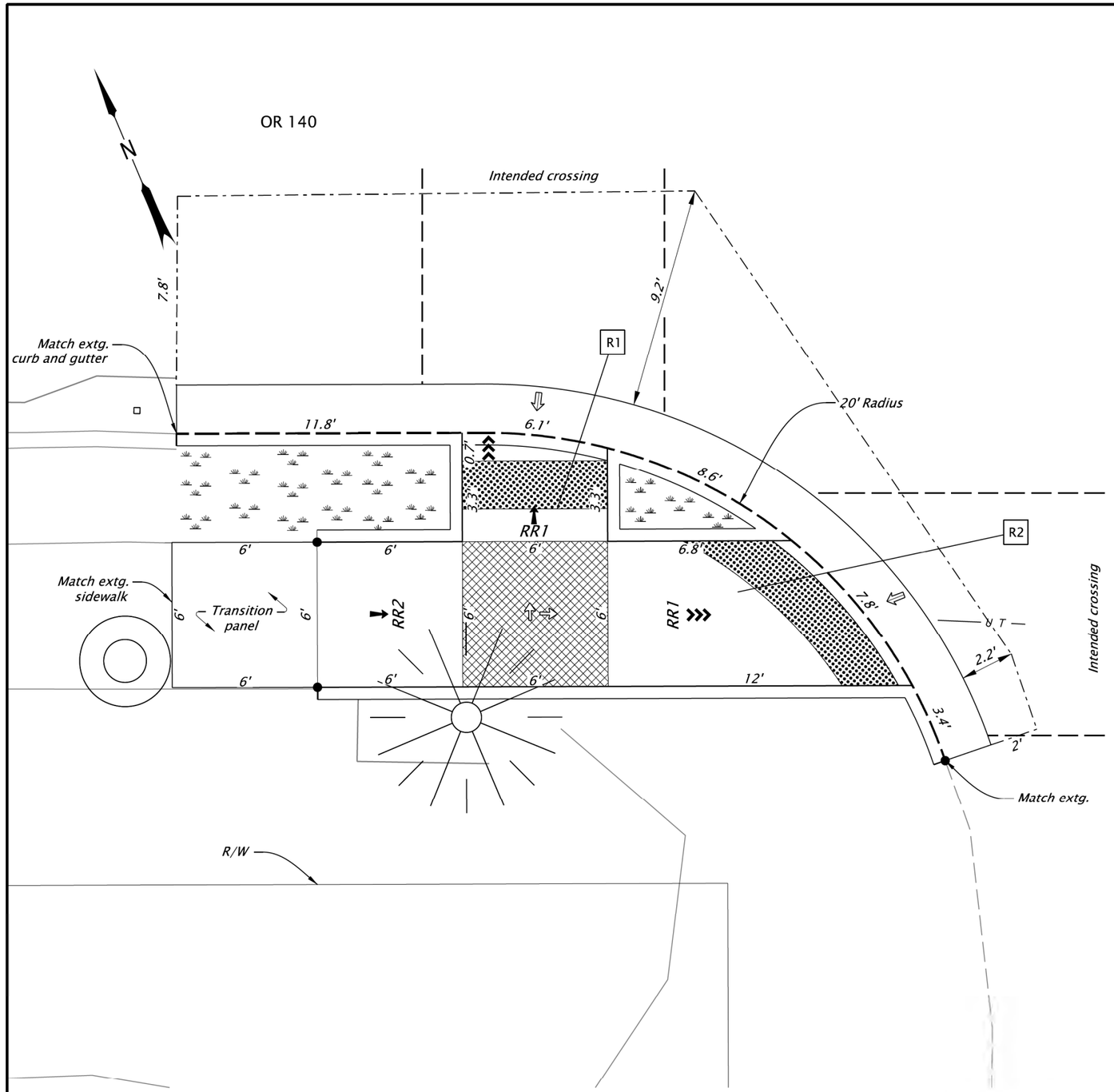
Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

CURB RAMP DETAILS SHEET NO. BC815

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 337° Scale: 1" = 10'

55V-026



OR 140 AT EDSALL ST.

BLY SITE 6 - CORNER 1

- Area of excess sidewalk removal
- Rock mulch
- Sawcut line
- Zero curb exposure
- DE X.X' / DE x.x% — Design exception component
- R# — Ramp number

CONSTRUCTION NOTES:

1. Max. cross slope change on ramp 0.5% per foot.
2. See BA01 for curb and gutter detail.
3. Mark R/W line prior to construction.
4. See general construction sheets for details not shown.
5. See std. dwgs. for details not shown.
6. Slopes hold over elevations.
7. See sht. BC01 for curb ramp and gutter details.
8. Construct concrete joints as shown on plans or as directed by Engineer.
9. Unless otherwise shown, the longitudinal slope along the gutter should not be less than 0.5 percent for curbed pavements with an absolute minimum of 0.3 percent.

DESIGN EXCEPTION	N/A
CROSSING CLOSURE	N/A
LRM NO.	02000100
HWY: 020 M.P.: 53.96	
CORNER POSITION	1
RAMP NO.	1 & 2

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.11.10 10:12:48 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH

EXPIRES 6-30-23

ADA CURB RAMP PILOT PROGRAM PROJECT

EMERIO ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

CURB RAMP DETAILS

SHEET NO. BC816

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 337° Scale: 1" = 5'

55V-026

PIPE 2008 - File Update: Dec. 2017

C110

SHEET NUMBER	NOTE No. ON PLANS	DESIGN HEIGHT OF COVER (FEET) ①	PIPE: CIRCULAR OR ELLIPTICAL: SIZE IN (Inches)	PIPE: CIRCULAR OR ELLIPTICAL: LENGTH IN FEET	PIPE – ARCH: HELICAL: Riveted Welded or Lock Seam: EQUIV. RND SIZE (Inches)	PIPE – ARCH: HELICAL: Riveted Welded or Lock Seam: LENGTH (Feet)	PIPE – ARCH: CROSS–SECTIONAL DIMENSIONS ②: SPAN (Feet–Inches)	PIPE – ARCH: CROSS–SECTIONAL DIMENSIONS ②: RISE (Feet–Inches)	PIPE – ARCH: CROSS–SECTIONAL DIMENSIONS ②: CORNER RADII (Inches)	USE / INSTALLATION CRITERIA: DRAIN (PERFORATED)	CULVERT (ROAD APPROACH)	CULVERT (CONDUIT)	CULVERT	IRRIGATION	SIPHON	STORM SEWER	SANITARY SEWER	OTHERS (SEE REMARKS)	WATERTIGHT JOINTS	SLOPE ANCHORS	IMPERFECT TRENCH	PH	RESISTIVITY (HUNDREDS)	TERMINAL TREATMENT: LT. / RT.: SLOPED ENDS	TERMINAL TREATMENT: LT. / RT.: SKEW NUMBER	TERMINAL TREATMENT: PAVED END SLOPES: Not For Conc. Pipe Over 60" Dia.	TERMINAL TREATMENT: PAVED END SLOPES: No.
	4	5	15													✓											

ALTERNATE MATERIALS

| HELICAL CORRUGATED METAL: ALUMINUM: SIZE OF CORRUGATIONS: RIVETED, WELDED OR LOCK SEAM: 1½" x ¼" | | | 2⅔" x ½" | | | 3" x 1" | | | LOCK SEAM: SMOOTH WALL SPIRAL RIB | | | HELICAL CORRUGATED METAL: ALUMINIZED OR GALVANIZED IRON AND STEEL: SIZE OF CORRUGATIONS: RIVETED, WELDED OR LOCK SEAM: 1½" x ¼" | | | 2⅔" x ½" | | | 3" x 1" | | | COATING | LOCK SEAM: SMOOTH WALL SPIRAL RIB | | | COATING | RIGID: PRE-CAST CONCRETE: PLAIN ④ | | REINF. | | | PLASTIC & IRON | | | | | | | | | | | | |

PIPE 2008 - File Update: Dec. 2017

55V-026

| SHEET NUMBER | NOTE No. ON PLANS | DESIGN HEIGHT OF COVER (FEET) ① | PIPE: CIRCULAR OR ELLIPTICAL: SIZE IN (Inches) 8 | 10 | 12 | 15 | 18 | 24 | 30 | 36 | 48 | LENGTH IN FEET | PIPE – ARCH: HELICAL: Riveted Welded or Lock Seam | EQUIV. RND SIZE (Inches) | LENGTH (Feet) | CROSS–SECTIONAL DIMENSIONS ②: SPAN (Feet–Inches) | RISE (Feet–Inches) | CORNER RADII (Inches) | USE / INSTALLATION CRITERIA: DRAIN (PERFORATED) | CULVERT (ROAD APPROACH) | CULVERT (CONDUIT) | CULVERT | IRRIGATION | SIPHON | STORM SEWER | SANITARY SEWER | OTHERS (SEE REMARKS) | WATERTIGHT JOINTS | SLOPE ANCHORS | IMPERFECT TRENCH | PH | RESISTIVITY (HUNDREDS) | TERMINAL TREATMENT: LT. / RT. SLOPED ENDS | SKEW NUMBER | PAVED END SLOPES Not For Conc. Pipe Over 60" Dia. | No. | ALTERNATE MATERIALS: HELICAL CORRUGATED METAL: ALUMINUM: SIZE OF CORRUGATIONS: RIVETED, WELDED OR LOCK SEAM: 1½" x ¼": PLATE THKN. (Inches) | CROSS SECTION ③ | 2⅔" x ½": PLATE THKN. (Inches) | CROSS SECTION ③ | 3" x 1": PLATE THKN. (Inches) | CROSS SECTION ③ | COATING ⑤ | LOCK SEAM: SMOOTH WALL SPIRAL RIB ¾" x ¾" @ 7½" O.C. Or ¾" x 1" @ 11½" O.C.: PLATE THKN. (Inches) | CROSS SECTION ③ | COATING ⑤ | ALUMINIZED AND GALVANIZED IRON AND STEEL: SIZE OF CORRUGATIONS: RIVETED, WELDED OR LOCK SEAM: 1½" x ¼": PLATE THKN. (Inches) | CROSS SECTION ③ | 2⅔" x ½": PLATE THKN. (Inches) | CROSS SECTION ③ | 3" x 1": PLATE THKN. (Inches) | CROSS SECTION ③ | COATING: GALVANIZED ⑤ | ALUMINIZED ⑤ | LOCK SEAM: SMOOTH WALL SPIRAL RIB ¾" x ¾" @ 7½" O.C. Or ¾" x 1" @ 11½" O.C.: PLATE THKN. (Inches) | CROSS SECTION ③ | COATING: GALVANIZED ⑤ | ALUMINIZED ⑤ | RIGID: PRE-CAST CONCRETE: PLAIN ④: 1 | 2 | 3 | REINF.: III | IV | V | PLASTIC & IRON: CORRUGATED HDPE | PVC D3034 | PVC F794 | PVC C900 | POLYPROPYLENE, DOUBLE WALL | DUCTILE IRON – PIPE CLASS 50 | APPURTENANCES: MANHOLES: DEPTH, TOP OF COVER TO INVERT (Feet) | DIAMETER OF LARGEST PIPE IN BASE (In.) | CONC.: SEDIMENTATION W/ INLET | STANDARD STORM SEWER | DRYWELL | PRECAST MANHOLE W/ INLET | INLETS: TYPE: CG-3 | G-2MA | G-2 | G-1 Number Required | EXTENSION: LEFT (Feet) | RIGHT (Feet) | ⑥ EXTG. PIPE MATERIAL | REMARKS |
|---|---|---

PIPE 2008 - File Update: Dec. 2017

55V-026

| SHEET NUMBER | NOTE No. ON PLANS | DESIGN HEIGHT OF COVER (FEET) ① | PIPE: CIRCULAR OR ELLIPTICAL: SIZE IN (Inches) | PIPE: CIRCULAR OR ELLIPTICAL: LENGTH IN FEET | PIPE-ARCH: HELICAL: Riveted Welded or Lock Seam: EQUIV. RND SIZE (Inches) | PIPE-ARCH: LENGTH (Feet) | PIPE-ARCH: CROSS-SECTIONAL DIMENSIONS ②: SPAN (Feet-Inches) | PIPE-ARCH: CROSS-SECTIONAL DIMENSIONS ②: RISE (Feet-Inches) | PIPE-ARCH: CROSS-SECTIONAL DIMENSIONS ②: CORNER RADII (Inches) | USE / INSTALLATION CRITERIA: DRAIN (PERFORATED) | CULVERT (ROAD APPROACH) | CULVERT (CONDUIT) | CULVERT | IRRIGATION | SIPHON | STORM SEWER | SANITARY SEWER | OTHERS (SEE REMARKS) | WATERTIGHT JOINTS | SLOPE ANCHORS | IMPERFECT TRENCH | PH | RESISTIVITY (HUNDREDS) | TERMINAL TREATMENT: LT./RT. SLOPED ENDS: Not For Conc. Pipe Over 60" Dia. | TERMINAL TREATMENT: SKEW NUMBER | TERMINAL TREATMENT: PAVED END SLOPES: No. | ALTERNATE MATERIALS: HELICAL CORRUGATED METAL: ALUMINUM: SIZE OF CORRUGATIONS: RIVETED, WELDED OR LOCK SEAM: 1½" x ¼": PLATE THKN. (Inches) | ALUMINUM: RIVETED, WELDED OR LOCK SEAM: 1½" x ¼": CROSS SECTION ③ | ALUMINUM: RIVETED, WELDED OR LOCK SEAM: 2⅔" x ½": PLATE THKN. (Inches) | ALUMINUM: RIVETED, WELDED OR LOCK SEAM: 2⅔" x ½": CROSS SECTION ③ | ALUMINUM: RIVETED, WELDED OR LOCK SEAM: 3" x 1": PLATE THKN. (Inches) | ALUMINUM: RIVETED, WELDED OR LOCK SEAM: 3" x 1": CROSS SECTION ③ | ALUMINUM: LOCK SEAM: SMOOTH WALL SPIRAL RIB: PLATE THKN. (Inches) | ALUMINUM: LOCK SEAM: CROSS SECTION ③ | ALUMINUM: LOCK SEAM: COATING ⑤ | ALUMINIZED AND GALVANIZED IRON AND STEEL: SIZE OF CORRUGATIONS: RIVETED, WELDED OR LOCK SEAM: 1½" x ¼": PLATE THKN. (Inches) | ALUMINIZED AND GALVANIZED IRON AND STEEL: RIVETED, WELDED OR LOCK SEAM: 1½" x ¼": CROSS SECTION ③ | ALUMINIZED AND GALVANIZED IRON AND STEEL: RIVETED, WELDED OR LOCK SEAM: 2⅔" x ½": PLATE THKN. (Inches) | ALUMINIZED AND GALVANIZED IRON AND STEEL: RIVETED, WELDED OR LOCK SEAM: 2⅔" x ½": CROSS SECTION ③ | ALUMINIZED AND GALVANIZED IRON AND STEEL: RIVETED, WELDED OR LOCK SEAM: 3" x 1": PLATE THKN. (Inches) | ALUMINIZED AND GALVANIZED IRON AND STEEL: RIVETED, WELDED OR LOCK SEAM: 3" x 1": CROSS SECTION ③ | ALUMINIZED AND GALVANIZED IRON AND STEEL: LOCK SEAM: SMOOTH WALL SPIRAL RIB: PLATE THKN. (Inches) | ALUMINIZED AND GALVANIZED IRON AND STEEL: LOCK SEAM: CROSS SECTION ③ | ALUMINIZED AND GALVANIZED IRON AND STEEL: LOCK SEAM: COATING ⑤: GALVANIZED | ALUMINIZED AND GALVANIZED IRON AND STEEL: LOCK SEAM: COATING ⑤: ALUMINIZED | RIGID: PRE-CAST CONCRETE: PLAIN ④: 1 | RIGID: PRE-CAST CONCRETE: PLAIN ④: 2 | RIGID: PRE-CAST CONCRETE: REINF.: III | RIGID: PRE-CAST CONCRETE: REINF.: IV | RIGID: PRE-CAST CONCRETE: REINF.: V | PLASTIC & IRON: CORRUGATED HDPE | PLASTIC & IRON: PVC D3034 | PLASTIC & IRON: PVC F794 | PLASTIC & IRON: PVC C900 | PLASTIC & IRON: POLYPROPYLENE, DOUBLE WALL | PLASTIC & IRON: DUCTILE IRON - PIPE CLASS 50 | APPURTENANCES: MANHOLES: DEPTH, TOP OF COVER TO INVERT (Feet) | MANHOLES: DIAMETER OF LARGEST PIPE IN BASE (In.) | MANHOLES: CONC.: SEDIMENTATION W/ INLET | MANHOLES: CONC.: STANDARD STORM SEWER | MANHOLES: DRYWELL | MANHOLES: PRECAST MANHOLE W/ INLET | INLETS: TYPE: CG-3 | INLETS: TYPE: G-2MA | INLETS: TYPE: G-2 | INLETS: TYPE: G-1 | INLETS: Number Required | EXTENSION: LEFT (Feet) | EXTENSION: RIGHT (Feet) | EXTENSION: ⑥ EXTG. PIPE MATERIAL | REMARKS |
|---|---|---

55V-026

PIPE 2008 - File Update: Dec. 2017

| SHEET NUMBER | NOTE No. ON PLANS | DESIGN HEIGHT OF COVER (FEET) ① | PIPE: CIRCULAR OR ELLIPTICAL: SIZE IN (Inches) | PIPE: CIRCULAR OR ELLIPTICAL: LENGTH IN FEET | PIPE - ARCH: HELICAL: Riveted Welded or Lock Seam | PIPE - ARCH: HELICAL: EQUIV. RND SIZE (Inches) | PIPE - ARCH: LENGTH (Feet) | PIPE - ARCH: CROSS-SECTIONAL DIMENSIONS ②: SPAN (Feet-Inches) | PIPE - ARCH: CROSS-SECTIONAL DIMENSIONS ②: RISE (Feet-Inches) | PIPE - ARCH: CROSS-SECTIONAL DIMENSIONS ②: CORNER RADII (Inches) | USE / INSTALLATION CRITERIA: DRAIN (PERFORATED) | CULVERT (ROAD APPROACH) | CULVERT (CONDUIT) | CULVERT | IRRIGATION | SIPHON | STORM SEWER | SANITARY SEWER | OTHERS (SEE REMARKS) | WATERTIGHT JOINTS | SLOPE ANCHORS | IMPERFECT TRENCH | PH | RESISTIVITY (HUNDREDS) | TERMINAL TREATMENT: LT./RT. SLOPED ENDS | TERMINAL TREATMENT: SKEW NUMBER | TERMINAL TREATMENT: PAVED END SLOPES Not For Conc. Pipe Over 60" Dia. No. | ALTERNATE MATERIALS: HELICAL CORRUGATED METAL: ALUMINUM: SIZE OF CORRUGATIONS: RIVETED, WELDED OR LOCK SEAM: 1½" x ¼": PLATE THKN. (Inches) | 1½" x ¼": CROSS SECTION ③ | 2⅔" x ½": PLATE THKN. (Inches) | 2⅔" x ½": CROSS SECTION ③ | 3" x 1": PLATE THKN. (Inches) | 3" x 1": CROSS SECTION ③ | 3" x 1": COATING ⑤ | LOCK SEAM: SMOOTH WALL SPIRAL RIB ½" x ½" @ 7½" O.C. Or ¾" x 1" @ 11½" O.C.: PLATE THKN. (Inches) | CROSS SECTION ③ | COATING ⑤ | ALUMINIZED & ALUMINUM & ALUMINUM: SIZE OF CORRUGATIONS: RIVETED, WELDED OR LOCK SEAM: 1½" x ¼": PLATE THKN. (Inches) | 1½" x ¼": CROSS SECTION ③ | 2⅔" x ½": PLATE THKN. (Inches) | 2⅔" x ½": CROSS SECTION ③ | 3" x 1": PLATE THKN. (Inches) | 3" x 1": CROSS SECTION ③ | 3" x 1": COATING ⑤ | LOCK SEAM: SMOOTH WALL SPIRAL RIB ½" x ½" @ 7½" O.C. Or ¾" x 1" @ 11½" O.C.: PLATE THKN. (Inches) | CROSS SECTION ③ | GALVANIZED ⑤ | ALUMINIZED ⑤ | RIGID: PRE-CAST CONCRETE: PLAIN ④: 1 | 2 | 3 | REINF.: III | IV | V | PLASTIC & IRON: CORRUGATED HDPE | PVC D3034 | PVC F794 | PVC C900 | POLYPROPYLENE, DOUBLE WALL | DUCTILE IRON - PIPE CLASS 50 | APPURTENANCES: MANHOLES: DEPTH, TOP OF COVER TO INVERT (Feet) | DIAMETER OF LARGEST PIPE IN BASE (In.) | CONC.: SEDIMENTATION W/ INLET | SEDIMENTATION | DRYWELL | PRECAST MANHOLE W/ INLET | INLETS: TYPE: CG-3 | G-2MA | G-2 | G-1 | Number Required | EXTENSION: LEFT (Feet) | RIGHT | ⑥ EXTG. PIPE MATERIAL | REMARKS |
|---|---|---

GENERAL NOTES

GENERAL CONSTRUCTION NOTES:

1. Mark R/W line prior to construction

2. The contractor is to coordinate with the Engineer and provide necessary data to verify all water, sanitary sewer &/or storm sewer utility relocations.

SIGNING NOTES:

1. The locations of sign intallations shown are approx. with exact locations to be determined in the field.

2. All sign supports shall be perforated steel square tube slip base unless otherwise noted.

STRIPING NOTES:

1. Match points to existing striping are approximate and shall be field verified.

2. All longitudinal permanent pavement markings beyond cross walks shall be painted.

3. All transverse permanent pavement markings shall be Method "B-HS," preformed, fused thermoplastic high skid film.

4. Removal of existing pavement markings shown is approximate and shall be field verfied.

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:44:51-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

GENERAL CONSTRUCTION NOTES

SHEET NO. C01

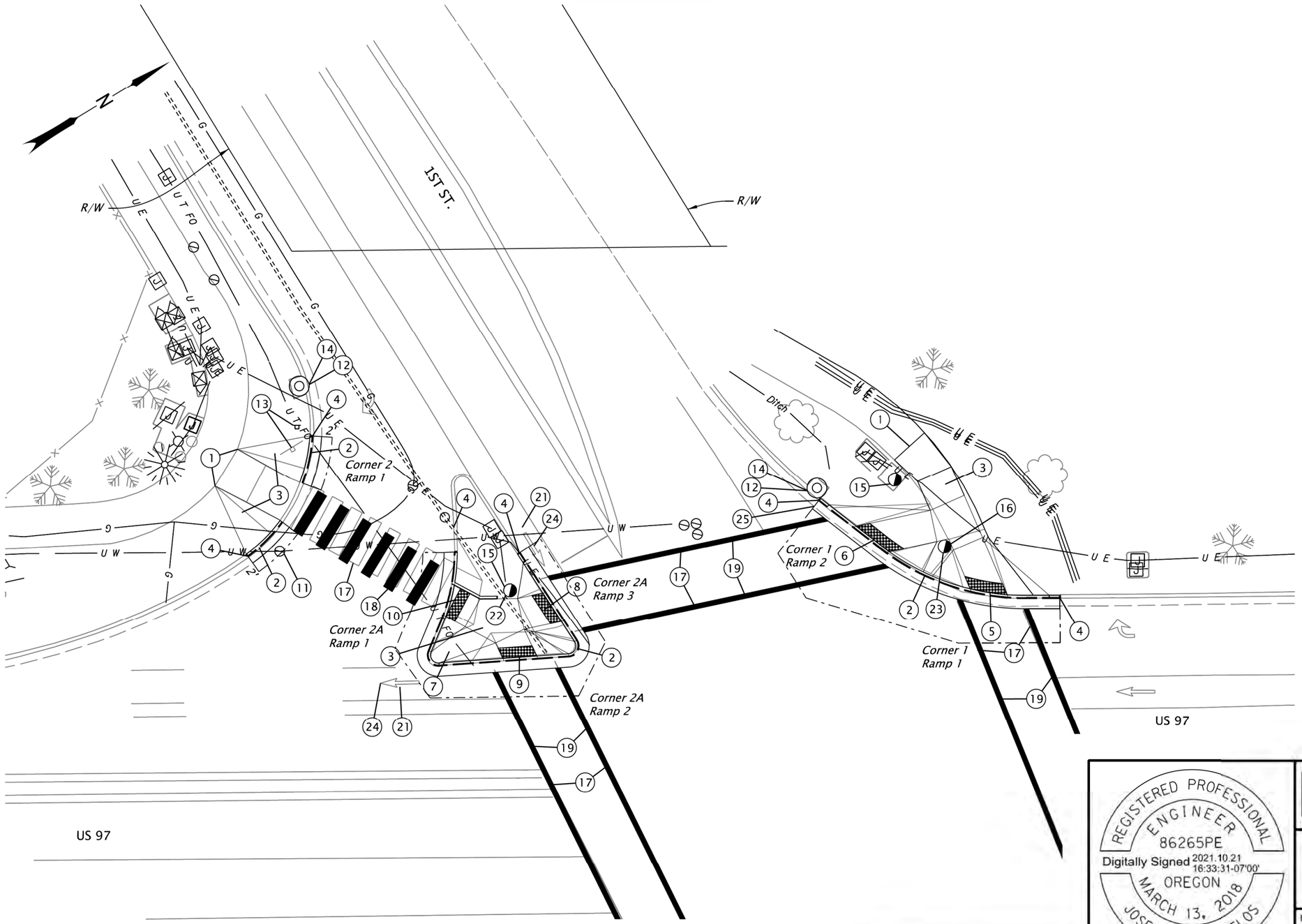
FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1"=20'

US 97: 1ST ST TO M.P. 168.28

55V-026

LA PINE SITE 1



ADA CURB RAMP PILOT PROGRAM PROJECT

Scott B Cramer CRAMER Scott B Oct 22 2021 10.14 AM
Traffic Section Approval

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.21 16:33:31-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Juan Cruz | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

GENERAL CONSTRUCTION

SHEET NO. C101

1. *Connect to extg. walk*
2. *Const. curb & gutter*
   (See dwg. no. RD700)
3. *Const. PCC sidewalk*
   (See dwg. no. RD721)
4. *Connect to extg. curb*
5. *Const. curb ramp, Perpendicular*
   Inst. radial safety yellow truncated domes on new surface - 14.4 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC101)
   (See dwg. nos. RD900, RD901, RD902, RD904,RD905, RD910, RD912, RD913 & RD916)
6. *Const. curb ramp, Perpendicular*
   Inst. radial safety yellow truncated domes on new surface - 15.8 sq. ft.
   PCC surfacing
   Ramp 2 - SU
   (For details, see sht. BC101)
7. *Const. partially lowered conc. island*
   (See dwg. nos. RD711 & RD906)
   (For details, see sht. BC102)
8. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes on new surface - 12.9 sq. ft.
   PCC surfacing
   Ramp 3 - SU
   (For details, see sht. BC102)
9. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes on new surface - 12.9 sq. ft.
   PCC surfacing
   Ramp 2 -SU
   (For details, see sht. BC102)
10. *Const. curb ramp, Perpendicular*
    Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
    PCC surfacing
    Ramp 1 - SY
    (For details, see sht. BC102)
11. *Adjust water valve box*
    (For details, see dwg. no. RD258 or sheet BA02 as applicable)
12. *Inst. inlet protection (Type 7)*
    (See dwg. no. RD1010)
13. *Remove & Reinstall extg. sign(s) on new PSST support*
    (For relocation details, see TM200)
    (For support details, see TM681, TM687 & TM688)
14. *Preserve & protect extg. inlet*
15. *Preserve & protect extg. signal pole*
16. *Preserve & protect extg. pushbutton post*
17. *Remove extg. crosswalk*
    (For details, see sheet BA01)
18. *Inst. continental crosswalk*
    (See dwg. nos. TM503, & TM530)
19. *Inst. standard crosswalk*
    (See dwg. nos. TM503, & TM530)
20. *Note not used*
21. *Inst. bike lane stencil*
    (See dwg. no. TM503)
22. *Remove existing pushbutton & instruction sign. Cover abandoned holes. Install extension bracket, standard pushbutton, & instruction sign. Determine extension bracket length based on field fit to meet ADA requirements.*
    (See dwg. nos. TM450 & TM467)
23. *Remove existing pushbutton & instruction sign. Cover abandoned holes. Install extension bracket, standard pushbutton, & instruction sign. Determine extension bracket length based on field fit to meet ADA requirements.*
    (See dwg. nos. TM457 & TM467)
24. *Remove extg. bike lane stencil*
    (For details, see sheet BA01)
25. *Const. gutter transition*
    (See dwg. no. RD363)

ADA CURB RAMP PILOT PROGRAM PROJECT

Scott B Cramer CRAMER Scott B Oct 22 2021 10:14 AM
Traffic Section Approval

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.21 16:33:49-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Juan Cruz | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

GENERAL CONSTRUCTION NOTES

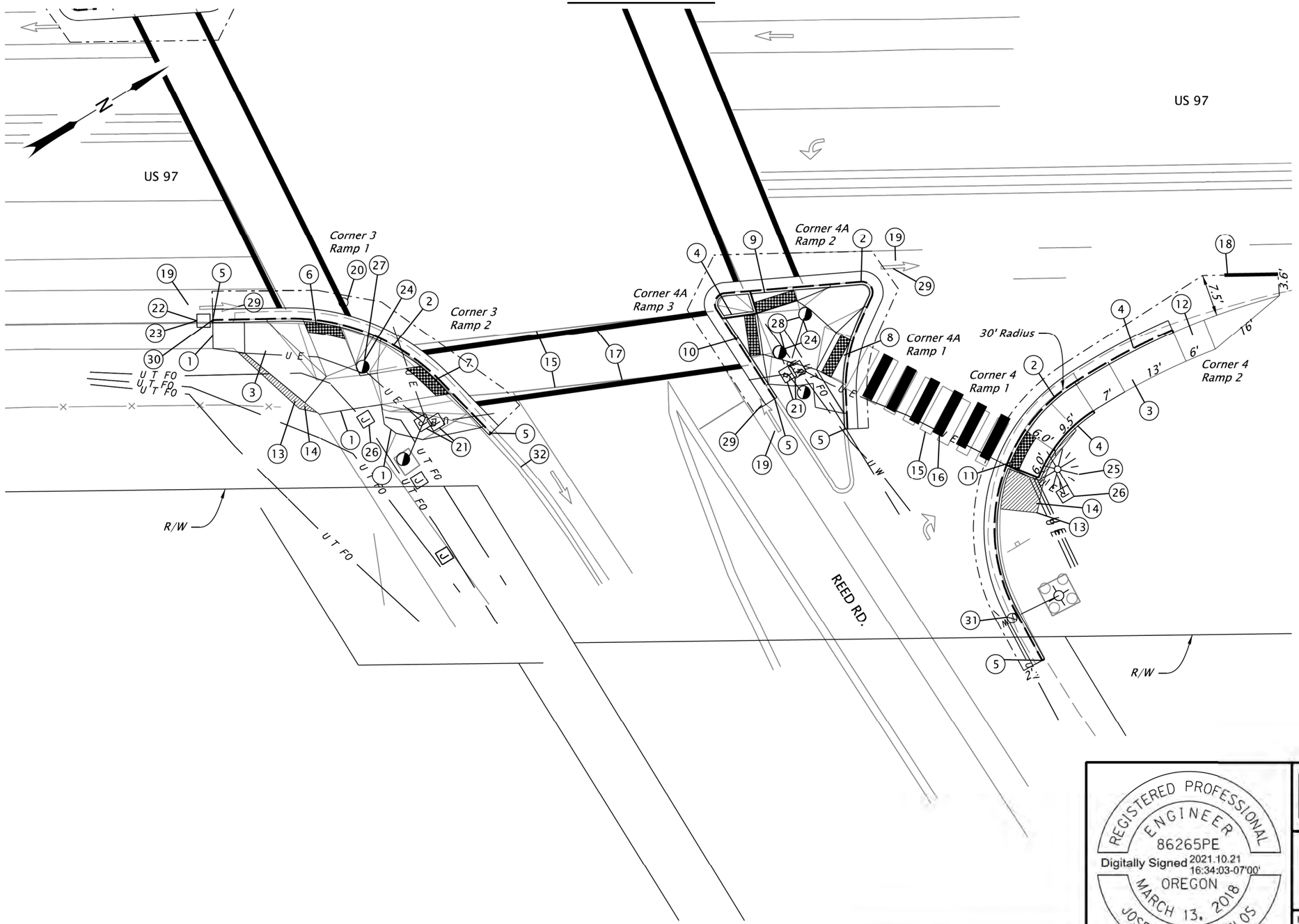
SHEET NO. C101A

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 58.6612° Scale: 1"=20'

US 97: 1ST ST TO M.P. 168.28

LA PINE SITE 1



ADA CURB RAMP PILOT PROGRAM PROJECT

20 10 0 20
FEET

Scott B Cramer CRAMER Scott B Oct 22 2021 10:14 AM
Traffic Section Approval

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.21 16:34:03-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Juan Cruz | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

GENERAL CONSTRUCTION | SHEET NO. C102

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 58.6612° Scale: 1"=20'

1. *Connect to extg. walk*
2. *Const. curb & gutter*
3. *Const. PCC sidewalk*
4. *Const. standard curb*
   (See dwg. no. RD700)
5. *Connect to extg. curb*
6. *Const. curb ramp, Perpendicular*
   Inst. radial safety yellow truncated domes on new surface - 14.1 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC104)
7. *Const. curb ramp, Perpendicular*
   Inst. radial safety yellow truncated domes on new surface - 15.3 sq. ft.
   PCC surfacing
   Ramp 2 - SU
   (For details, see sht. BC104)
8. *Const. curb ramp, Perpendicular*
   Inst. radial safety yellow truncated domes on new surface - 15.9 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see BC106)
9. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes on new surface - 15.9' sq. ft.
   PCC surfacing
   Ramp 2 - SU
   (For details, see BC106)
10. *Const. curb ramp, Perpendicular*
    Inst. safety yellow truncated domes on new surface - 15.8 sq. ft.
    PCC surfacing
    Ramp 3 - SU
    (For details, see BC106)
11. *Const. curb ramp, Unique*
    Inst. safety yellow truncated domes on new surface - 14.3 sq. ft.
    PCC surfacing
    Ramp 1 - SY
    (See dwg. nos. RD900, RD901, RD902, RD904, RD905, RD920 & RD960)
12. *Const. curb ramp, End of walk, Option EW-1*
    Ramp 2 - SU
    (See dwg. nos. RD900, RD901, RD902, RD904, RD905, & RD950)
13. *Remove sidewalk, shown thus:* ▨ *-8.6 SY*
14. *Inst. aggr. shldr. rock - 2.8 tons*
15. *Remove extg. crosswalk*
16. *Inst. continental crosswalk*
17. *Inst. standard crosswalk*
18. *Inst. 8" white line*
    (See dwg. no. 1M500)
19. *Inst. bike lane stencil*
20. *Adjust sewer clean out*
21. *Adjust junction box*
22. *Inst. inlet protection (Type 7)*
23. *Preserve & protect extg. inlet*
24. *Preserve & protect extg. pushbutton post*
25. *Preserve & protect extg. light pole*
26. *Preserve & protect extg. junction box*
27. *Remove existing pushbutton & instruction sign. Cover abandoned holes. Install extension bracket, standard pushbutton, & instruction sign. Determine extension bracket length based on field fit to meet ADA requirements.*
    (See dwg. nos. TM457 & TM467)
28. *Remove existing pushbutton & instruction sign. Cover abandoned holes. Install standard pushbutton, & instruction sign.*
    (See dwg. nos. TM457 & TM467)
29. *Remove extg. bike lane stencil*
30. *Const. gutter transition*
31. *Adjust water valve box*
32. *Inst. inlet protection (Type 3)*

ADA CURB RAMP PILOT PROGRAM PROJECT

Scott B Cramer CRAMER Scott B Oct 22 2021 10:14 AM
Traffic Section Approval

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.21 16:34:14-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Juan Cruz | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

GENERAL CONSTRUCTION NOTES

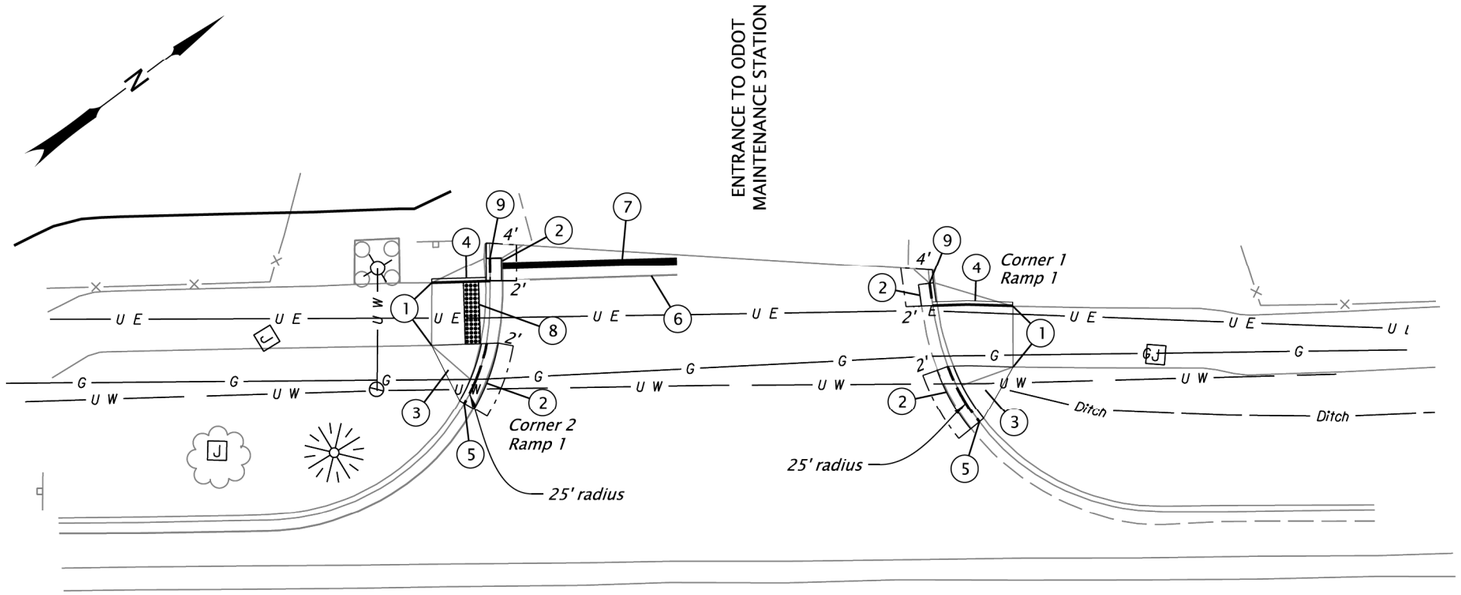
SHEET NO. C102A

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

55V-026

US 97: 1ST ST TO M.P. 168.28

LA PINE SITE 2



1. Connect to extg. walk
2. Const. curb & gutter
3. Const. PCC sidewalk
4. Const. standard curb
5. Connect to extg. curb
6. Remove extg. stop bar (For details, see sheet BA01)
7. Inst. stop bar (See dwg. nos. TM503, & TM530)
8. Inst. safety yellow truncated domes on new surface - 16.3' sq. ft. PCC surfacing
9. Const. curb transition (See dwg. no. RD700)

ADA CURB RAMP PILOT PROGRAM PROJECT

20 10 0 20
FEET

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:45:21-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Juan Cruz | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

GENERAL CONSTRUCTION

SHEET NO. C103

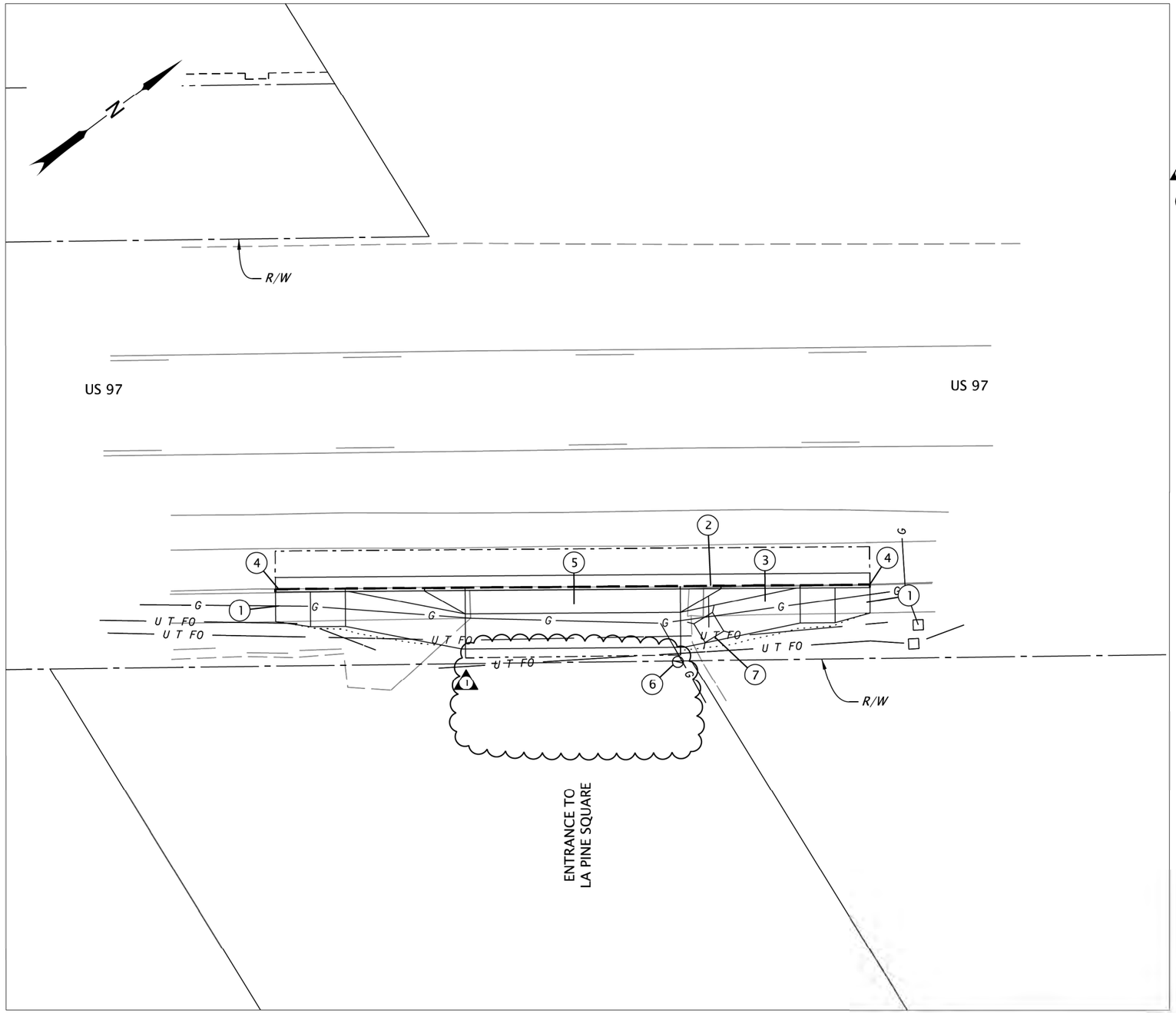
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 58.6612° Scale: 1"=20'

55V-026

US 97: 1ST ST TO M.P. 168.28

LA PINE SITE 3



ADA CURB RAMP PILOT PROGRAM PROJECT

1. Connect to extg. walk
2. Const. curb & gutter
3. Const. PCC sidewalk
4. Connect to extg. curb
5. Const. PCC dwy., option E
   (For details, see sht. BB101)
   (See dwg. nos. RD715 & RD730)
1. 6. Preserve & protect extg. gas valve
7. Replace extg. water meter box & adjust to grade

No.	DATE	REVISIONS	BY
1	01-19-22	Revised driveway and R/W design, Revised note to preserve and protect, and removed "Right-of-Way delays or access delays (See 00180.65)" legend and note.	S.A.T

1

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2022.01.20 20:12:02-08'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2023

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Juan Cruz
Reviewer: Travis Kruger
Drafter: Stephanie Teeter
Checker: Jose Banuelos

GENERAL CONSTRUCTION

SHEET NO. C104

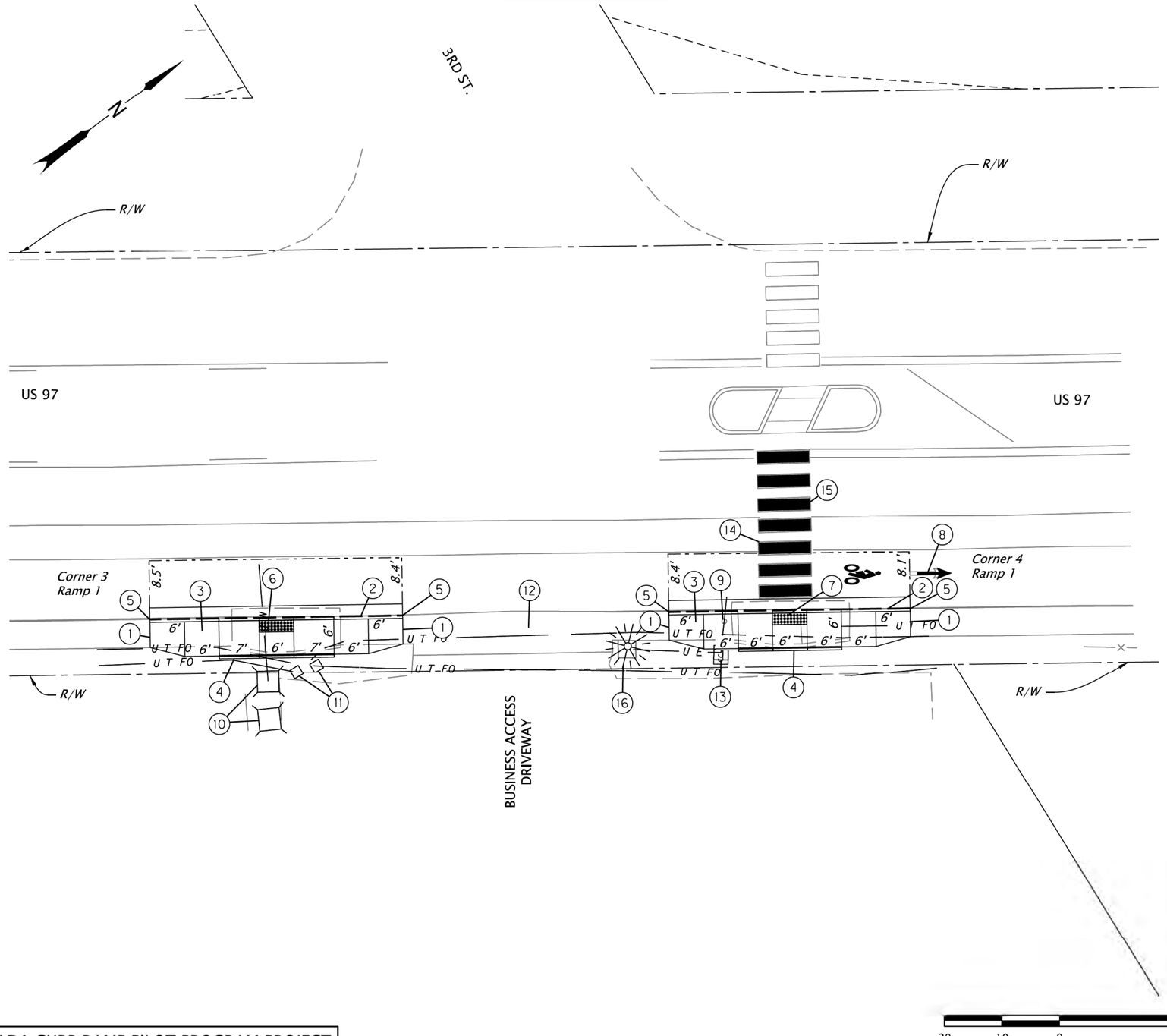
FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 58.6612° Scale: 1"=20'

55V-026

US 97: 1ST ST TO M.P. 168.28

LA PINE SITE 4



1. *Connect to extg. walk*
2. *Const. curb & gutter*
3. *Const. PCC sidewalk*
4. *Const. standard curb*
5. *Connect to extg. curb*
6. *Const. curb ramp, Parallel*
   Inst. safety yellow truncated domes
   on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (See dwg. nos. RD900, RD901, RD902, RD904, RD905, RD920, & RD922)
7. *Const. curb ramp, Parallel*
   Inst. safety yellow truncated domes
   on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
8. *Inst. bike lane stencil*
9. *Remove extg. sign pole base*
10. *Preserve & protect extg. water meter*
11. *Preserve & protect extg. comm. pedestal*
12. *Preserve & protect extg. driveway*
13. *Preserve & protect extg. junction box*
14. *Remove extg. crosswalk*
15. *Inst. continental crosswalk*
16. *Preserve & protect extg. luminaire*

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:45:27-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Juan Cruz | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

GENERAL CONSTRUCTION

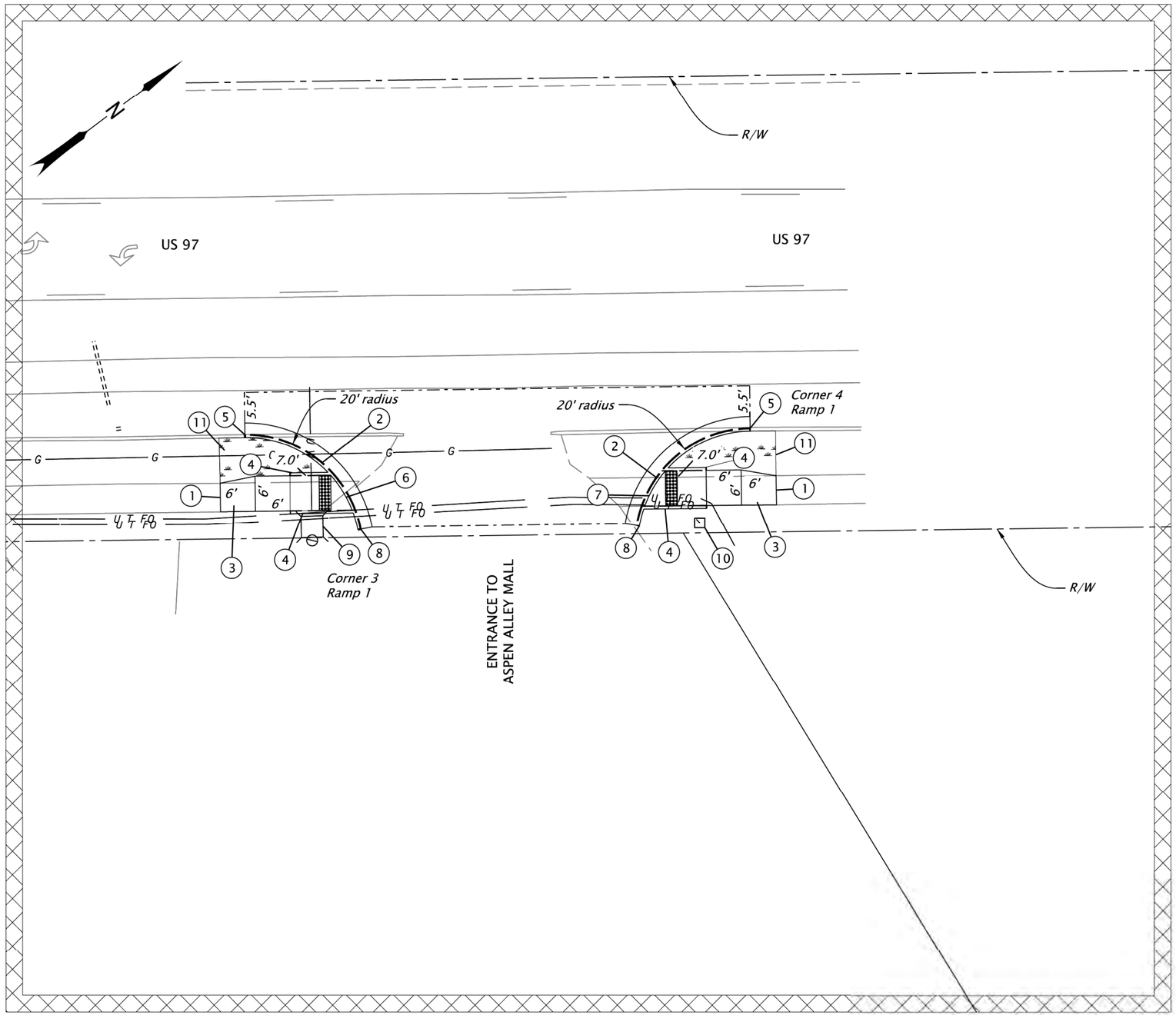
SHEET NO. C105

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 58.6612° Scale: 1"=20'

US 97: 1ST ST TO M.P. 168.28

LA PINE SITE 5



1. Connect to extg. walk
2. Const. curb & gutter
3. Const. PCC sidewalk
4. Const. standard curb
5. Connect to extg. curb
6. Const. curb ramp, Perpendicular
   Inst. safety yellow truncated domes
   on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
7. Const. curb ramp, Perpendicular
   Inst. safety yellow truncated domes
   on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
8. Const. curb transition
9. Preserve & protect extg. water meter
10. Preserve & protect extg. comm. pedestal
11. Inst. rock mulch
    (For details, see sheet BA03)

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:45:31-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Juan Cruz | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

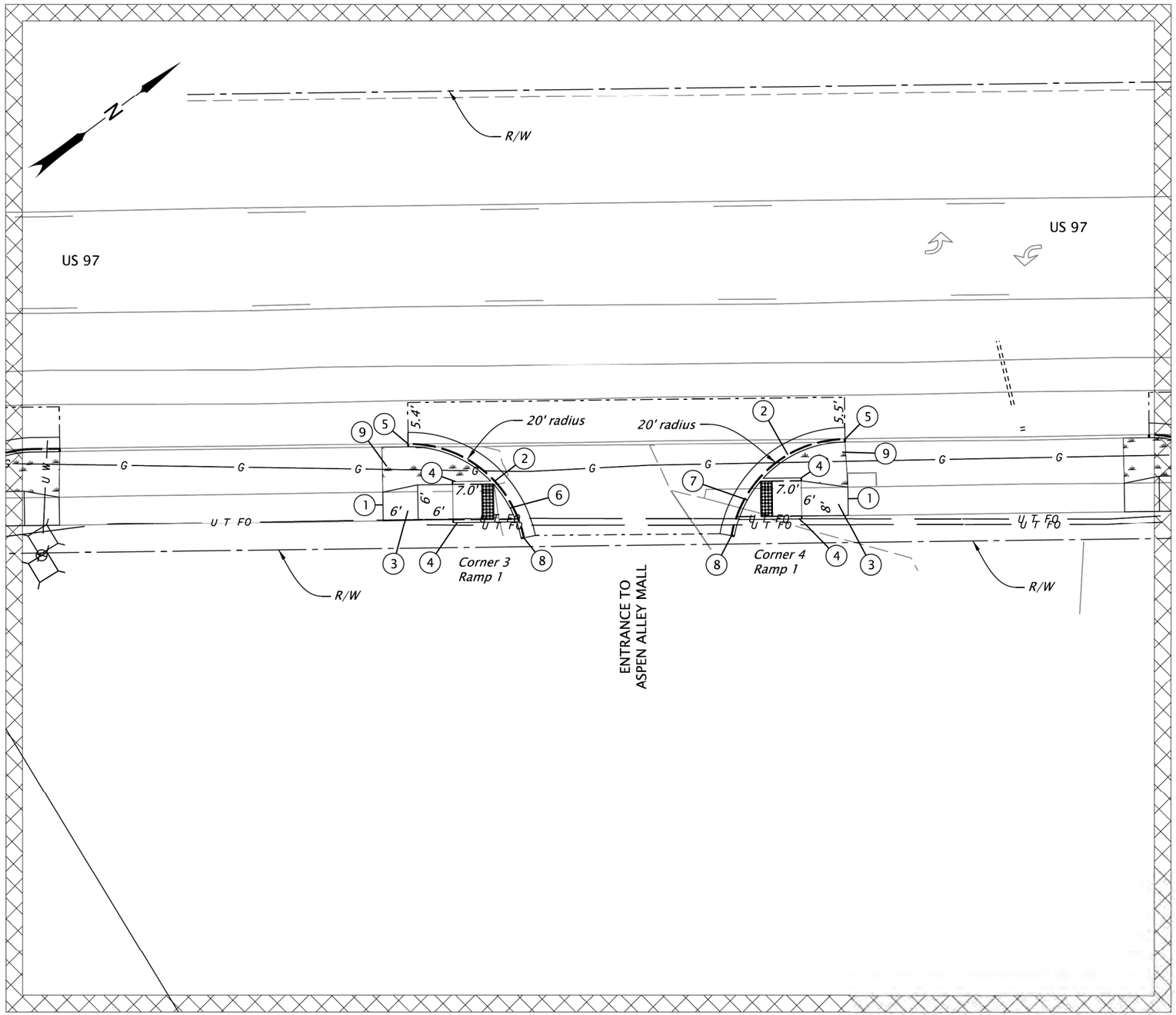
GENERAL CONSTRUCTION

SHEET NO. C106

55V-026

US 97: 1ST ST TO M.P. 168.28

LA PINE SITE 6



1. Connect to extg. walk
2. Const. curb & gutter
3. Const. PCC sidewalk
4. Const. standard curb
5. Connect to extg. curb
6. Const. curb ramp, Perpendicular
   Inst. safety yellow truncated domes
   on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
7. Const. curb ramp, Perpendicular
   Inst. safety yellow truncated domes
   on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
8. Const. curb transition
9. Inst. rock mulch

Right-of-Way delays or access delays
(See 00180.65)

20 10 0 20
FEET

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
86265PE
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OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

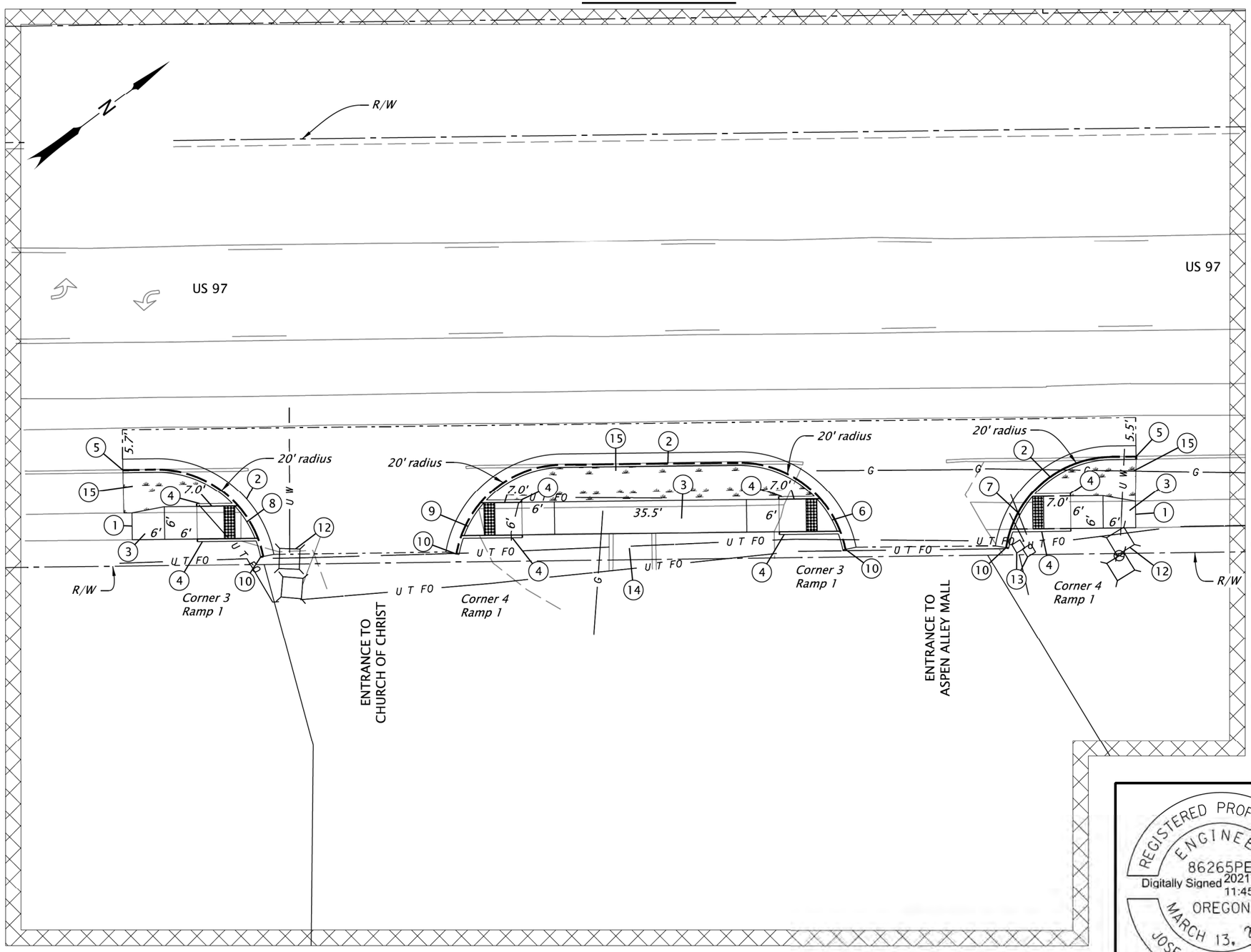
Designer: Juan Cruz | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

GENERAL CONSTRUCTION | SHEET NO. C107

US 97: 1ST ST TO M.P. 168.28

55V-026

LA PINE SITE 7



20 10 0 20
FEET

1. *Connect to extg. walk*
2. *Const. curb & gutter*
3. *Const. PCC sidewalk*
4. *Const. standard curb*
5. *Connect to extg. curb*
6. *Const. curb ramp, Perpendicular Inst. safety yellow truncated domes on new surface - 12.0 sq. ft. PCC surfacing Ramp 1 - SU*
7. *Const. curb ramp, Perpendicular Inst. safety yellow truncated domes on new surface - 12.0 sq. ft. PCC surfacing Ramp 1 - SU*
8. *Const. curb ramp, Perpendicular Inst. safety yellow truncated domes on new surface - 12.0 sq. ft. PCC surfacing Ramp 1 - SU*
9. *Const. curb ramp, Perpendicular Inst. safety yellow truncated domes on new surface - 12.0 sq. ft. PCC surfacing Ramp 1 - SU*
10. *Const. curb transition*
11. *Note not used*
12. *Preserve & protect extg. water meter*
13. *Preserve & protect extg. comm. pedestal*
14. *Preserve & protect extg. landscaping*
15. *Inst. rock mulch*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:45:39-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Juan Cruz | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

GENERAL CONSTRUCTION

SHEET NO. C108

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

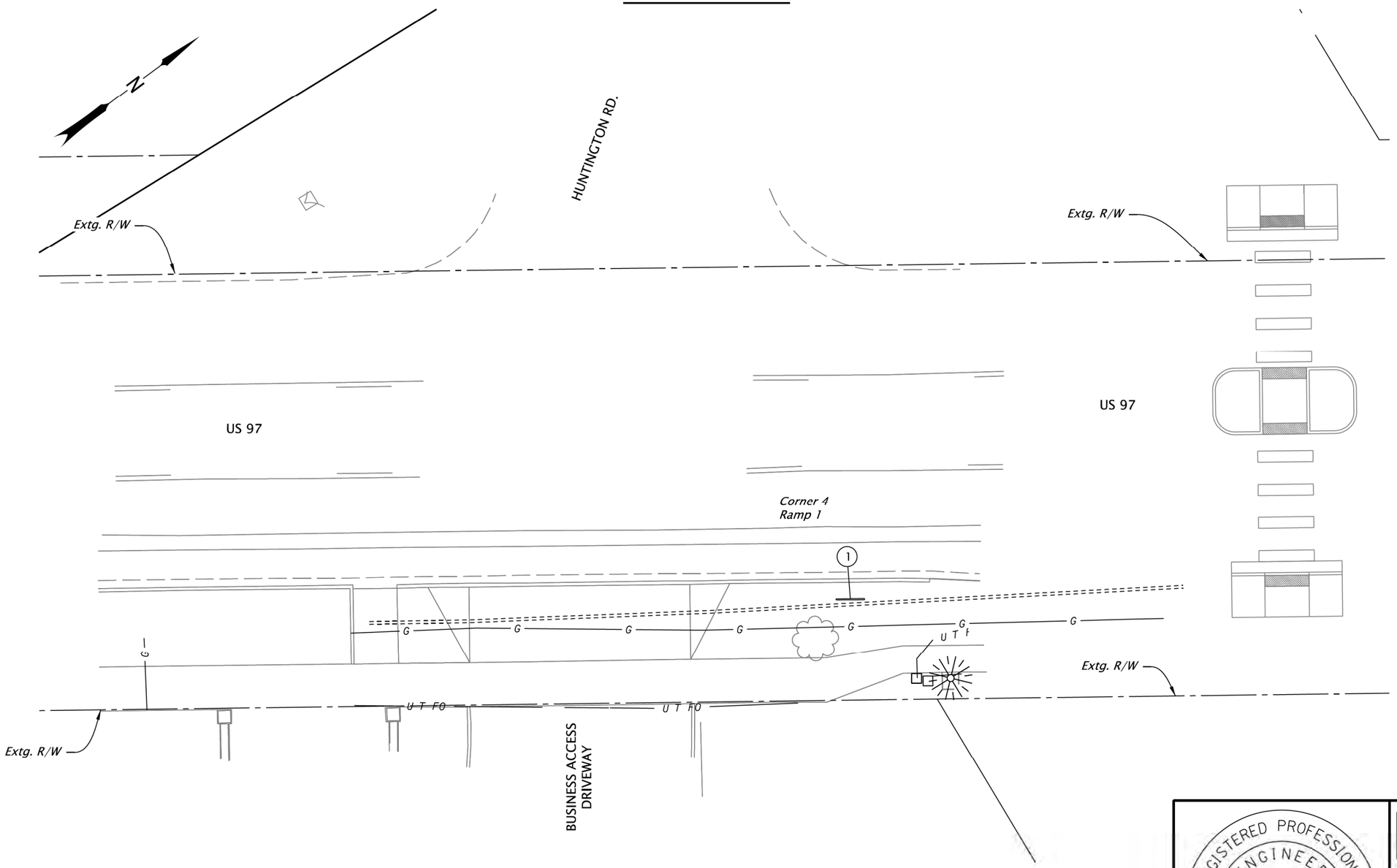
Rotation: 58.6612° Scale: 1"=20'

55V-026

US 97: 1ST ST TO M.P. 168.28

LA PINE SITE 11

(1) *Inst. crosswalk closed sign (OR22-7) on crosswalk closure support (See dwg. no. TM240)*



ADA CURB RAMP PILOT PROGRAM PROJECT

20 10 0 20
FEET

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:45:43-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Juan Cruz
Reviewer: Travis Kruger
Drafter: Stephanie Teeter
Checker: Jose Banuelos

GENERAL CONSTRUCTION

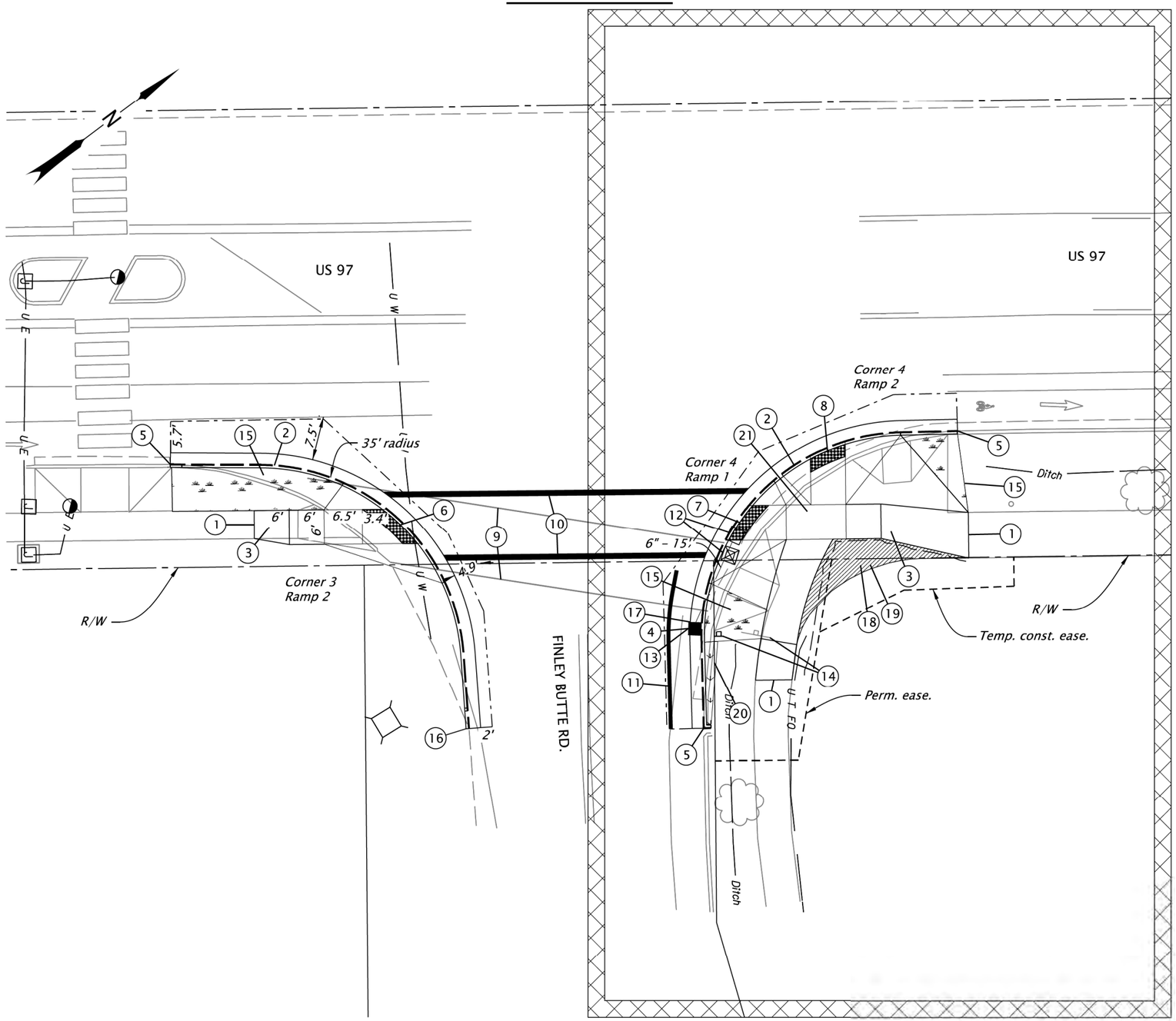
SHEET NO. C109

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

US 97: 1ST ST TO M.P. 168.28

55V-026

LA PINE SITE 8



1. *Connect to extg. walk*
2. *Const. curb & gutter*
3. *Const. PCC sidewalk*
4. *Const. type "CG-2" inlet*
   Inst. 6" PVC storm sew. pipe - 15'
   5' Depth
   Trench resurfacing - 13.5 sq yd.
   (See dwg. no. RDC339, RD366 & RD1010)
   (For details, see sht. C01)
5. *Connect to extg. curb*
6. *Const. curb ramp, Perpendicular*
   Inst. radial safety yellow truncated domes on new surface - 17.6 sq. ft.
   PCC surfacing
   Ramp 2 - SY
7. *Const. curb ramp, Perpendicular*
   Inst. radial safety yellow truncated domes on new surface - 14.9 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC108)
8. *Const. curb ramp, Perpendicular*
   Inst. radial safety yellow truncated domes on new surface - 13.0 sq. ft.
   PCC surfacing
   Ramp 2 - SU
   (For details, see sht. BC108)
9. *Remove extg. crosswalk*
10. *Inst. standard crosswalk*
11. *Inst. 8" white line*
12. *Remove extg. inlet*
13. *Inst. inlet protection (Type 3)*
14. *Remove & Reinstall extg. sign(s) on new PSST support*
15. *Inst. rock mulch*
16. *Const. curb transition*
17. *Const. gutter transition*
18. *Remove sidewalk, shown thus: -12.7 SY*
19. *Inst. aggr. shldr. rock - 1.4 tons*
20. *Inst. sod lawn*
21. *Archeology monitoring required - 1*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:45:46-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Juan Cruz | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

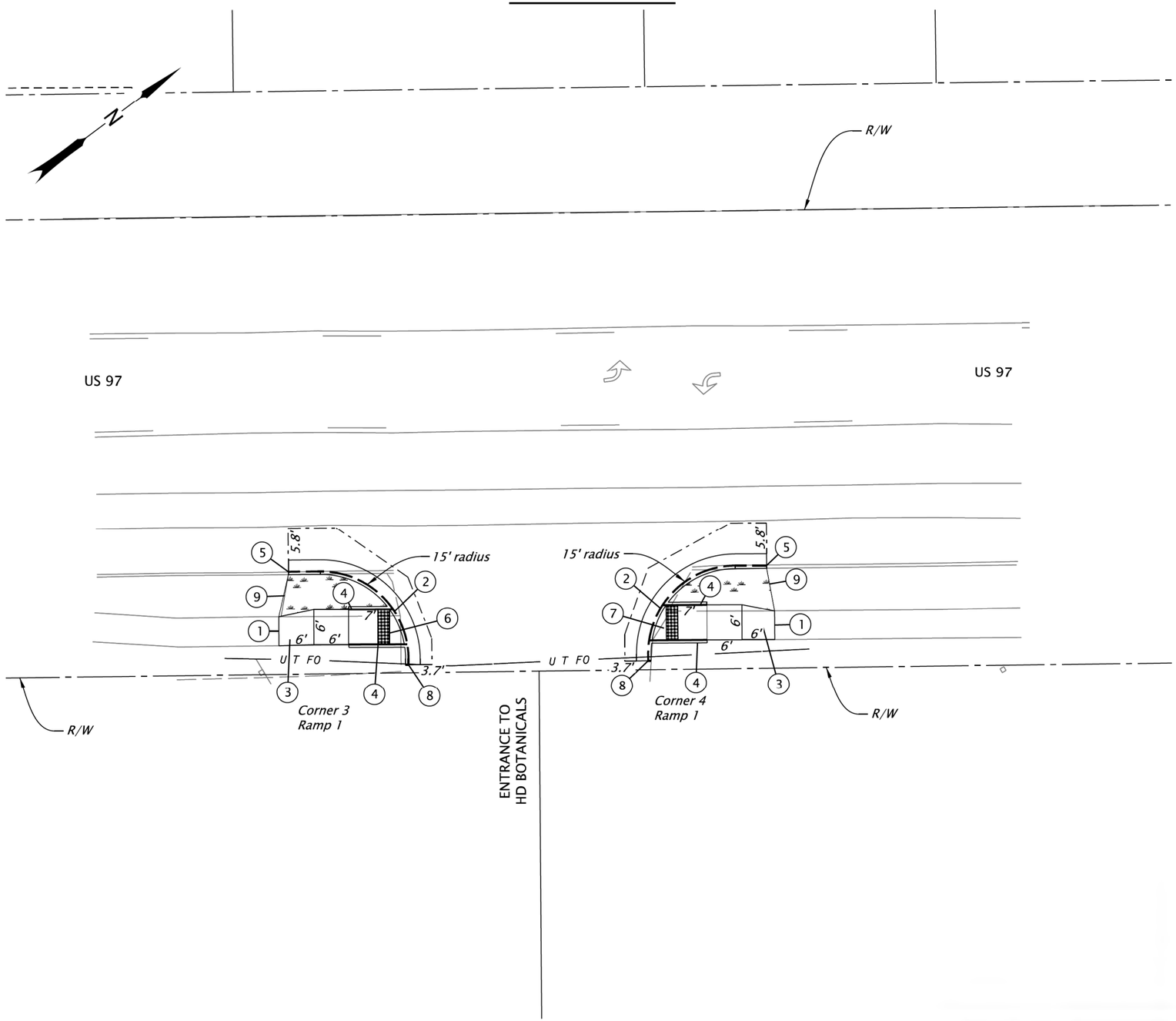
GENERAL CONSTRUCTION

SHEET NO. C110

55V-026

US 97: 1ST ST TO M.P. 168.28

LA PINE SITE 9



1. Connect to extg. walk
2. Const. curb & gutter
3. Const. PCC sidewalk
4. Const. standard curb
5. Connect to extg. curb
6. Const. curb ramp, Perpendicular
   Inst. safety yellow truncated domes
   on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
7. Const. curb ramp, Perpendicular
   Inst. safety yellow truncated domes
   on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
8. Const. curb transition
9. Inst. rock mulch

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:45:50-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Juan Cruz | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

GENERAL CONSTRUCTION

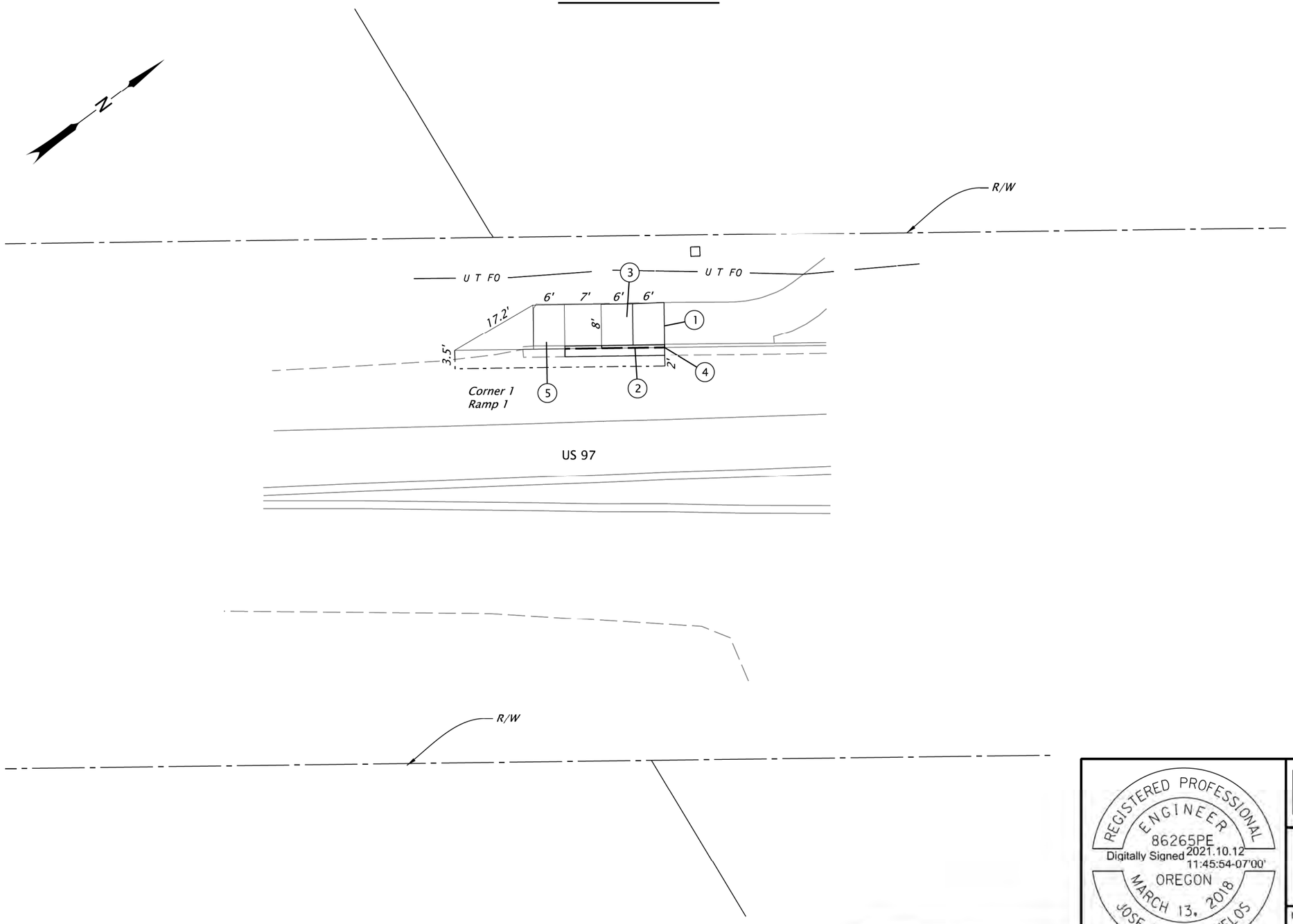
SHEET NO. C111

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

US 97: 1ST ST TO M.P. 168.28

55V-026

LA PINE SITE 10



1. Connect to extg. walk
2. Const. curb & gutter
3. Const. PCC sidewalk
4. Connect to extg. curb
5. Const. curb ramp, End of walk, Option EW-3 Ramp 1 - SU (See dwg. nos. RD900, RD901, RD902, RD904, RD905 & RD952)

ADA CURB RAMP PILOT PROGRAM PROJECT

20 10 0 20
FEET

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:45:54-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Juan Cruz | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

GENERAL CONSTRUCTION

SHEET NO. C112

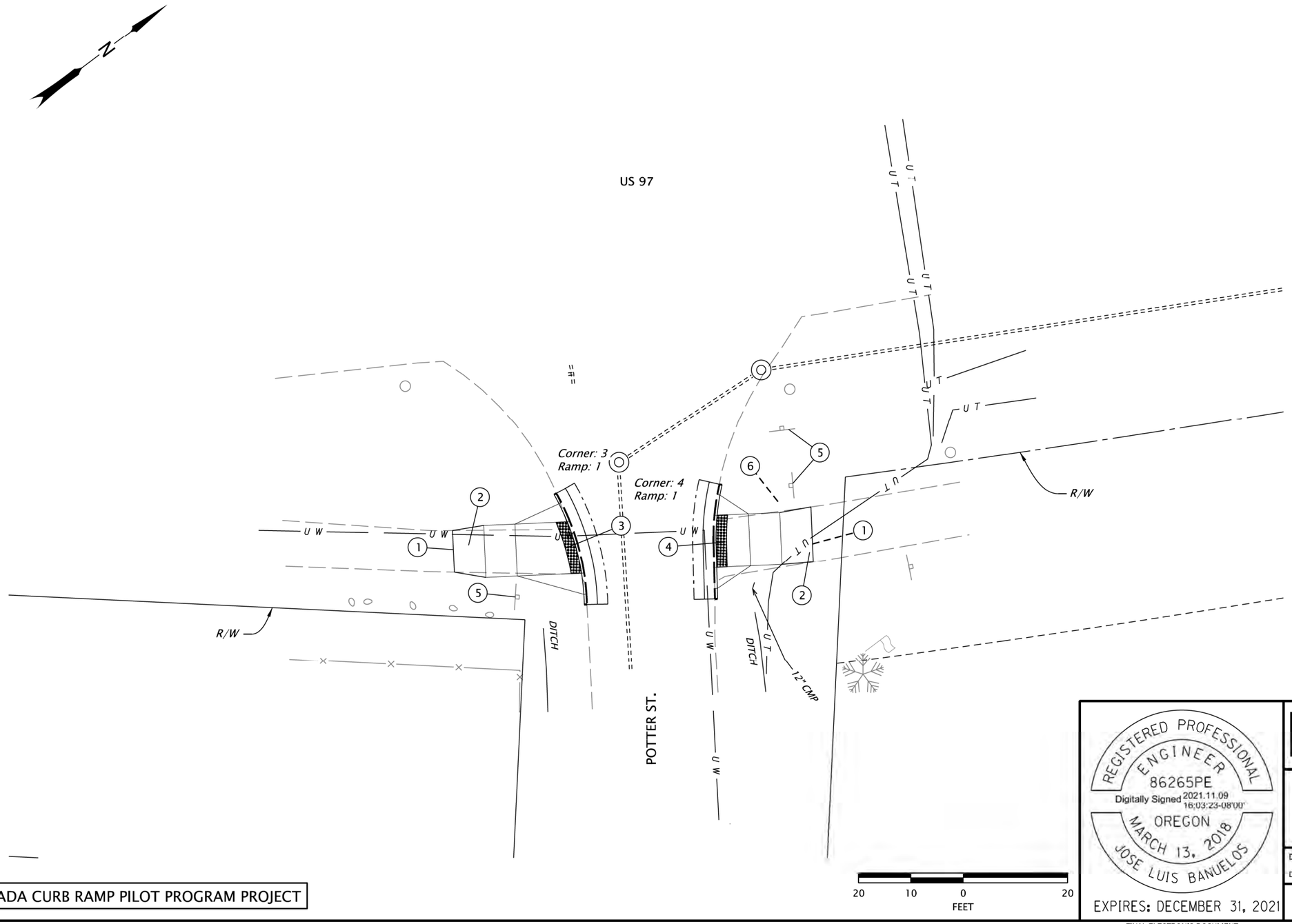
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 58.6612° Scale: 1"=20'

US 97: POTTER ST TO M.P. 185.12

55V-026

CRESCENT SITE 1



1. *Connect to extg. shared-use path*
2. *Const. PCC Sidewalk (See dwg. no. RD721)*
3. *Const. Blended transition Inst. safety yellow truncated domes on new surface - 20.0 sq. ft. Asphalt surfacing Ramp 1 - SY (For details, see sht. BC201) (See dwg. nos. RD900, RD901, RD902, & RD904)*
4. *Const. Blended transition Inst. safety yellow truncated domes on new surface - 20.0 sq. ft. Asphalt surfacing Ramp 1 - SY (For details, see sht. BC202)*
5. *Preserve & protect extg. sign*
6. *Preserve & protect extg. culvert*

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.11.09 16:03:23-08'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Jeanette Frey | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

GENERAL CONSTRUCTION

SHEET NO. C201

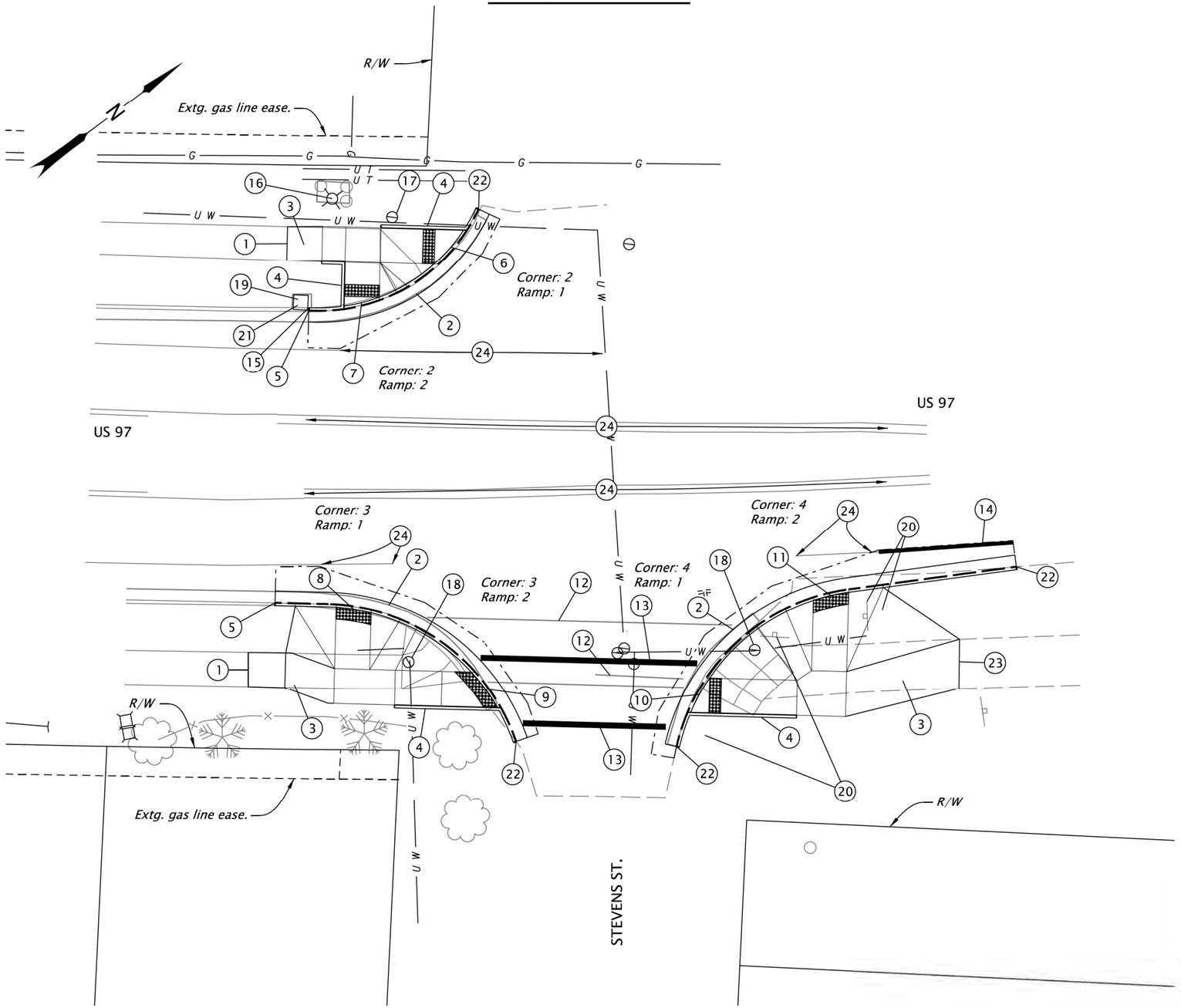
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 53.3255° Scale: 1"=20'

US 97: STEVENS ST TO M.P. 185.19

55V-026

CRESCENT SITE 2



ADA CURB RAMP PILOT PROGRAM PROJECT

1. *Connect to extg. walk*
2. *Const. curb & gutter*
3. *Const. PCC sidewalk*
4. *Const. standard curb*
5. *Connect to extg. curb*
6. *Const. curb ramp, Perpendicular*
   Inst. radial safety yellow truncated domes on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC203)
   (See dwg. nos. RD900, RD901, RD902, RD904, RD905, RD910, RD912, RD913 and RD916)
7. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 2 - SU
   (For details, see sht. BC203)
8. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC204)
9. *Const. curb ramp, Perpendicular*
   Inst. radial safety yellow truncated domes on new surface - 15.5 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see sht. BC204)
10. *Const. curb ramp, Perpendicular*
    Inst. radial safety yellow truncated domes on new surface - 12.0 sq. ft.
    PCC surfacing
    Ramp 1 - SY
    (For details, see sht. BC205)
11. *Const. curb ramp, Perpendicular*
    Inst. safety yellow truncated domes on new surface - 12.4 sq. ft.
    PCC surfacing
    Ramp 2 - SU
    (For details, see sht. BC205)
12. *Remove extg. crosswalk*
    (For details, see sheet BA01)
13. *Inst. standard crosswalk*
    (See dwg. nos. TM503, TM530)
14. *Inst. 8" white line*
    (See dwg. no. TM500)
15. *Const. gutter transition*
    (See std. dwg. RD363)
16. *Preserve & protect extg. fire hydrant*
17. *Preserve & protect extg. water valve*
18. *Adjust extg. water valve (by others)*
19. *Preserve & protect extg. inlet*
20. *Remove & Reinstall sign(s) on new PSST support*
    (For relocation details, see TM200)
    (For support details, see TM681, TM687 and TM688)
21. *Inst. inlet protection (Type 7)*
    (See dwg. no. RD1010)
22. *Const. curb transition*
23. *Connect to extg. shared-use path*
24. *Remove extg. striping within intended crossing location*
    (For details, see sheet BA01)

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.11.09 16:03:25-08'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Jeanette Frey | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

GENERAL CONSTRUCTION

SHEET NO. C202

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

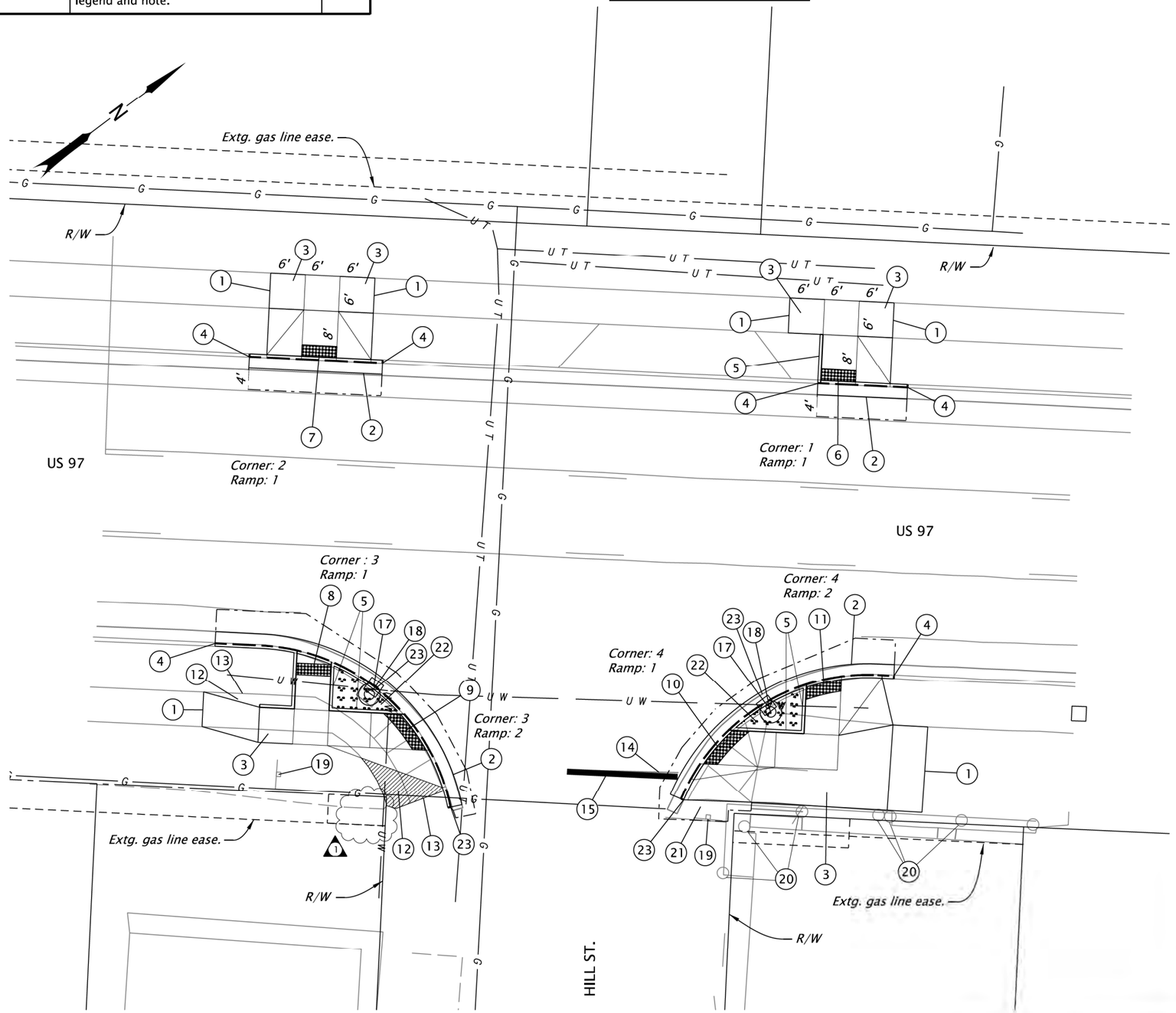
Rotation: 53.3255° Scale: 1"=20'

55V-026

No.	DATE	REVISIONS	BY
1	01-19-22	Revised R/W design, and removed "Right-of-Way delays or access delays (See 00180.65)" legend and note.	S.A.T

US 97: HILL ST TO M.P. 185.26

CRESCENT SITE 3



ADA CURB RAMP PILOT PROGRAM PROJECT

1. *Connect to extg. walk*
2. *Const. curb & gutter*
3. *Const. PCC sidewalk*
4. *Connect to extg. curb*
5. *Const. standard curb*
6. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1- SU
7. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
8. *Const. curb ramp, Perpendicular*
   Inst. radial safety yellow truncated domes on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC206)
9. *Const. curb ramp, Perpendicular*
   Inst. radial safety yellow truncated domes on new surface - 15.6 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see sht. BC206)
10. *Const. curb ramp, Perpendicular*
    Inst. radial safety yellow truncated domes on new surface - 15.6 sq. ft.
    PCC surfacing
    Ramp 1 - SY
    (For details, see sht. BC207)
11. *Const. curb ramp, Perpendicular*
    Inst. radial safety yellow truncated domes on new surface - 12.5 sq. ft.
    PCC surfacing
    Ramp 2 - SU
    (For details, see sht. BC207)
12. *Remove sidewalk, shown thus: -6.5 SY*
13. *Inst. aggr. shldr. rock - 2.1 tons*
14. *Remove extg. stop bar*
15. *Inst. stop bar*
16. *Note not used*
17. *Adjust inlet*
    (For details, see sht. BA02)
18. *Install inlet protection (Type 7)*
19. *Preserve & protect extg. sign*
20. *Preserve & protect extg. bollard*
21. *Relocate wood statue (by others)*
22. *Inst. rock mulch*
    (For details, see sht. BA03)
23. *Const. gutter transition*

1

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2022.01.20 20:12:04-08'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2023

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

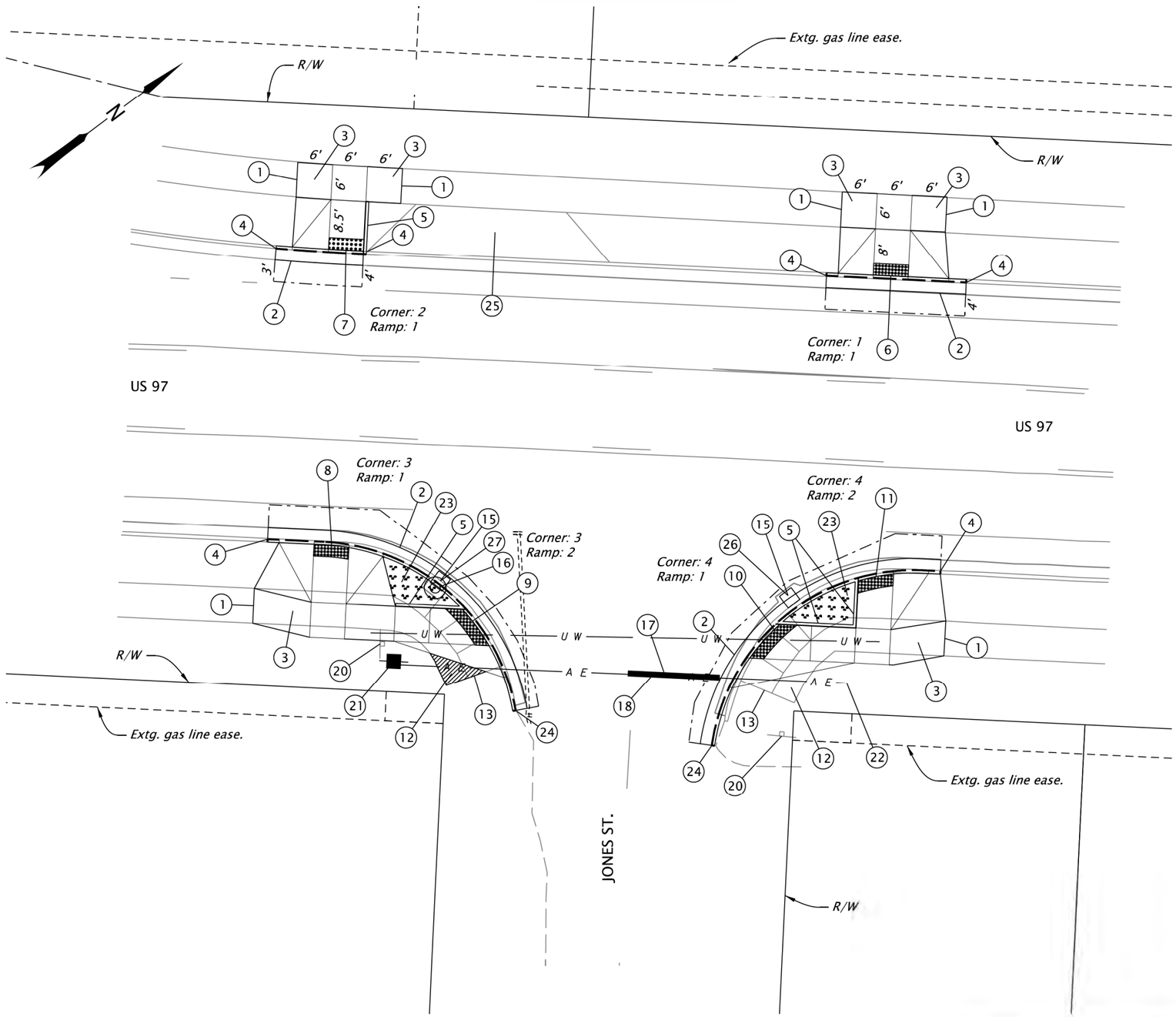
Designer: Jeanette Frey | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

GENERAL CONSTRUCTION

SHEET NO. C203

US 97: JONES ST TO M.P. 185.33

CRESCENT SITE 4



1. Connect to extg. walk
2. Const. curb and gutter
3. Const. PCC sidewalk
4. Connect to extg. curb
5. Const. standard curb
6. Const. curb ramp, Perpendicular
   Inst. safety yellow truncated domes
   on new surface – 12.0 sq. ft.
   PCC surfacing
   Ramp 1 – SU
7. Const. curb ramp, Perpendicular
   Inst. safety yellow truncated domes
   on new surface – 12.0 sq. ft.
   PCC surfacing
   Ramp 1 – SU
8. Const. curb ramp, Perpendicular
   Inst. safety yellow truncated domes
   on new surface – 12.0 sq. ft.
   PCC surfacing
   Ramp 1 – SU
   (For details, see sht. BC208)
9. Const. curb ramp, Perpendicular
   Inst. radial safety yellow truncated domes
   on new surface – 15.8 sq. ft.
   PCC surfacing
   Ramp 2– SY
   (For details, see sht. BC208)
10. Const. curb ramp, Perpendicular
    Inst. radial safety yellow truncated domes
    on new surface – 15.8 sq. ft.
    PCC surfacing
    Ramp 1 – SY
    (For details, see sht. BC209)
    (See dwg. nos. RD900, RD902, and RD930)
11. Const. curb ramp, Perpendicular
    Inst. safety yellow truncated domes
    on new surface – 12.3 sq. ft.
    PCC surfacing
    Ramp 2 – SU
    (For details, see sht. BC209)
12. Remove sidewalk, shown thus: ▨ –5.2 SY
13. Inst. aggr. shldr. rock – 1.7 tons
14. Note not used
15. Adjust inlet
16. Inst. inlet protection (Type 7)
17. Remove extg. stop bar
18. Inst. stop bar
19. Note not used
20. Preserve & protect extg. sign
21. Preserve & protect extg. power pole
22. Preserve & protect extg. light pole
23. Inst. rock mulch
24. Const. curb transition
25. Preserve & protect extg. driveway
26. Const. gutter transition
27. Inst. inlet protection (Type 3)

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.11.09 16:03:28-08'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

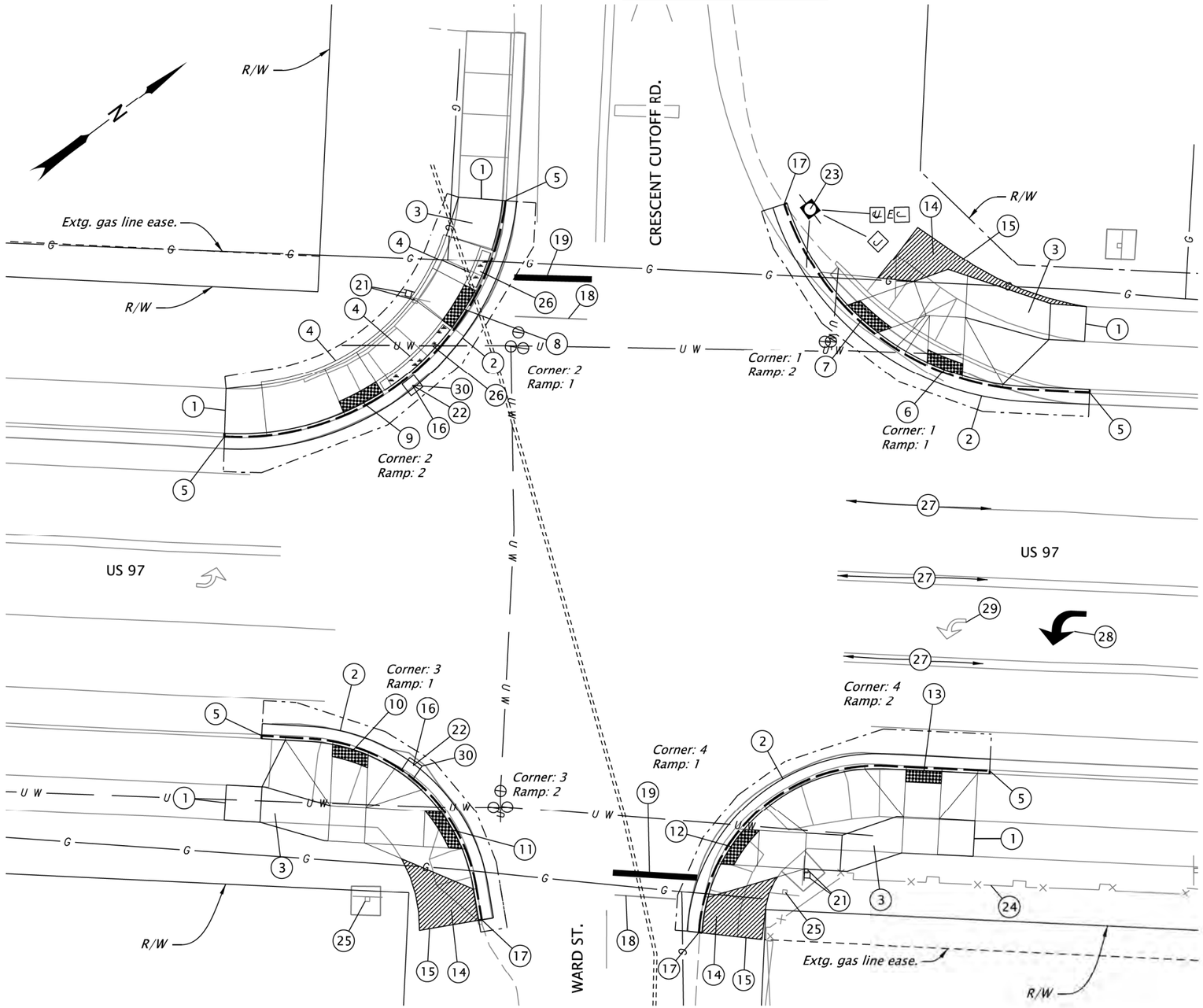
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Jeanette Frey | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

GENERAL CONSTRUCTION | SHEET NO. C204

US 97: CRESCENT CUTOFF RD. / WARD ST. TO M.P. 185.39

CRESCENT SITE 5



ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:46:15-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Jeanette Frey | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

GENERAL CONSTRUCTION

SHEET NO. C205

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 53.3255° Scale: 1"=20'

1. *Connect to extg. walk*
2. *Const. curb and gutter*
3. *Const. PCC sidewalk*
4. *Const. standard curb*
5. *Connect to extg. curb*
6. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes
   on new surface - 12.7 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC210)
7. *Const. curb ramp, Perpendicular*
   Inst. radial safety yellow truncated domes
   on new surface - 13.8 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see sht. BC210)
8. *Const. curb ramp, Parallel*
   Inst. radial safety yellow truncated domes
   on new surface - 14.3 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC211)
   (See dwg. nos. RD900, RD901, RD902, RD904, RD905, RD920 and RD922)
9. *Const. curb ramp, Parallel*
   Inst. radial safety yellow truncated domes
   on new surface - 14.3 sq. ft.
   PCC surfacing
   Ramp 2 - SU
   (For details, see sht. BC212)
10. *Const. curb ramp, Perpendicular*
    Inst. safety yellow truncated domes
    on new surface - 12.4 sq. ft.
    PCC surfacing
    Ramp 1 - SU
    (For details, see sht. BC212)
11. *Const. curb ramp, Perpendicular*
    Inst. radial safety yellow truncated domes
    on new surface - 14.6 sq. ft.
    PCC surfacing
    Ramp 2 - SY
    (For details, see sht. BC213)
12. *Const. curb ramp, Perpendicular*
    Inst. radial safety yellow truncated domes
    on new surface - 14.2 sq. ft.
    PCC surfacing
    Ramp 1 - SY
    (For details, see sht. BC213)
13. *Const. curb ramp, Perpendicular*
    Inst. safety yellow truncated domes
    on new surface - 12.0 sq. ft.
    PCC surfacing
    Ramp 2 - SU
    (For details, see sht. BC213)
14. *Remove sidewalk, shown thus:* ▨ *-34.7 SY*
15. *Inst. aggr. shldr. rock - 9.4 tons*
16. *Adjust inlet*
17. *Const. curb transition*
18. *Remove extg. stop bar*
19. *Inst. stop bar*
20. *Note not used*
21. *Remove & Reinstall extg. sign(s)*
    on new PSST support
22. *Inst. inlet protection (Type 3)*
23. *Preserve & protect power pole*
24. *Preserve & protect extg. fence*
25. *Preserve & protect extg. sign*
26. *Inst. rock mulch*
27. *Remove extg. striping within intended crossing location*
28. *Inst. white left turn arrow*
    (See dwg. no. TM501)
29. *Remove extg. left turn arrow*
30. *Const. gutter transition*

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:46:19-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Jeanette Frey | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

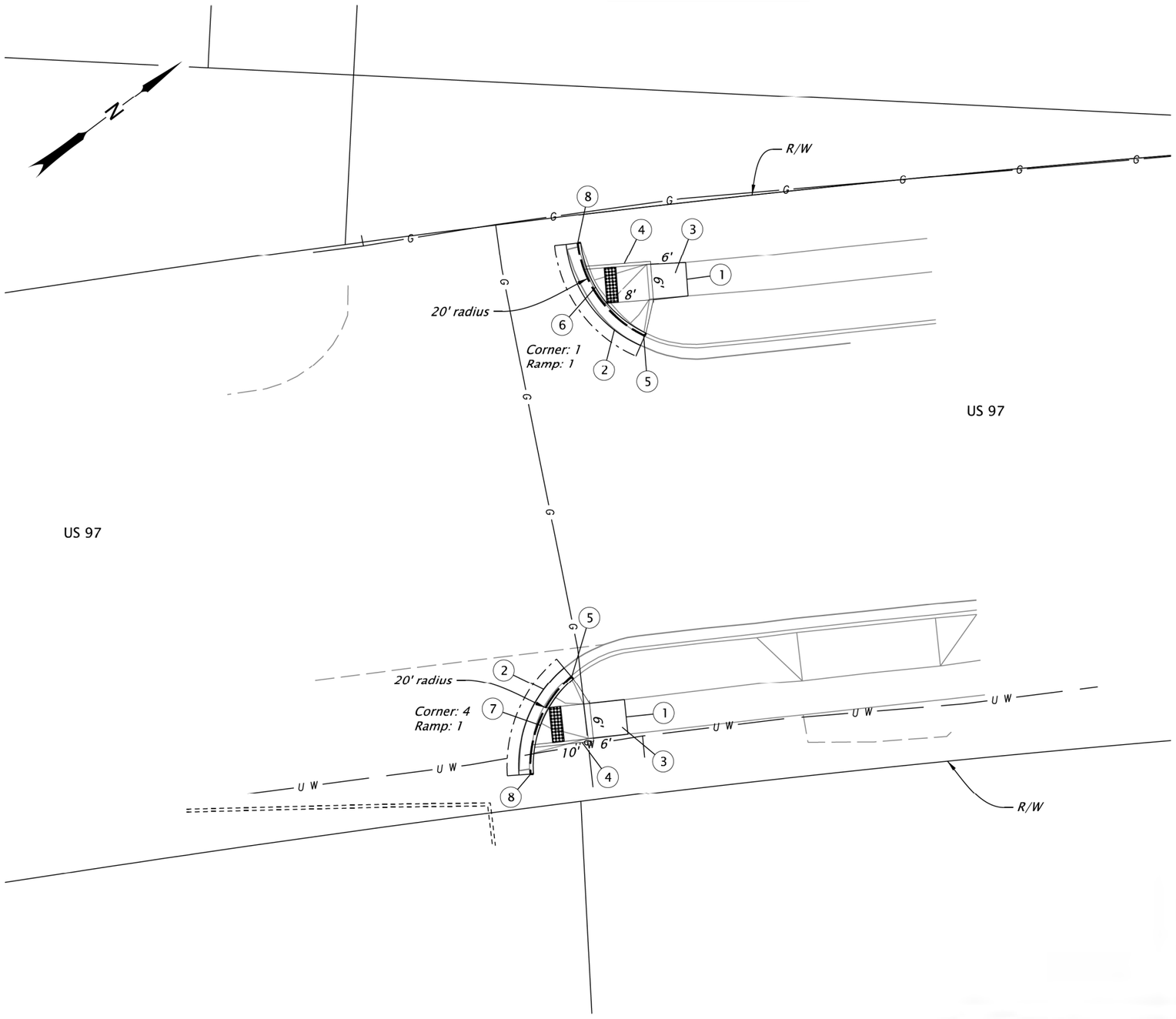
GENERAL CONSTRUCTION

SHEET NO. C205A

55V-026

US 97: M.P. 185.59

CRESCENT SITE 6



1. *Connect to extg. walk*
2. *Const. curb & gutter*
3. *Const. PCC sidewalk*
4. *Const. standard curb*
5. *Connect to extg. curb*
6. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SY
7. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SY
8. *Const. curb transition*

20 10 0 20
FEET

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:46:23-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Jeanette Frey
Reviewer: Travis Kruger
Drafter: Stephanie Teeter
Checker: Jose Banuelos

GENERAL CONSTRUCTION

SHEET NO. C206

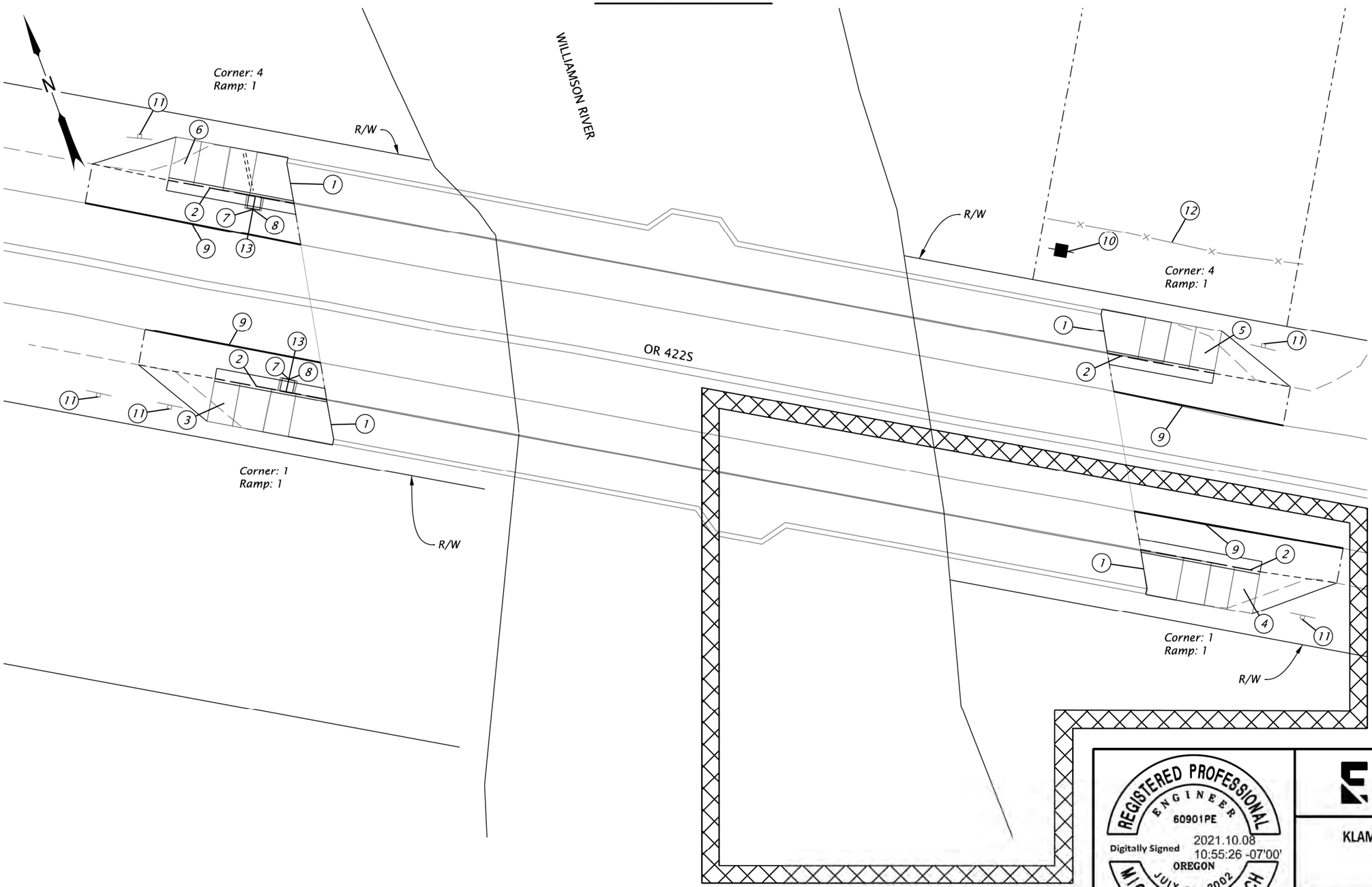
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 53.3255° Scale: 1"=20'

OR 422S: M.P. 4.58

55V-026

CHILOQUIN SITE 1



1. Connect to extg. walk
2. Const. curb and gutter (See dwg. no. RD700)
3. Const. curb ramp, End of walk Taper Option EW-1 PCC surfacing Ramp 1 - SU (For details, see sht. BC301) (See dwg. nos. RD900, RD902, RD904, RD905, RD950 and RD952)
4. Const. curb ramp, End of walk Taper Option EW-1 PCC surfacing Ramp 1 - SU (For details, see sht. BC302)
5. Const. curb ramp, End of walk Taper Option EW-1 PCC surfacing Ramp 1 - SU (For details, see sht. BC303)
6. Const. curb ramp, End of walk Taper Option EW-1 PCC surfacing Ramp 1 - SU (For details, see sht. BC304)
7. Adjust inlet (For details, see dwg. nos. RD363, and sheet BA02)
8. Install inlet protection (Type 3) (See dwg. no. RD1010)
9. Install 4" white line (See dwg. no. TM500)
10. Preserve & protect extg. utility pole
11. Preserve & protect extg. sign
12. Preserve & protect extg. fence
13. Construct gutter transition (See std. dwg. RD363)

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2021.10.08 10:55:26 -07'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

EMERIO
ENGINEERING • SURVEYING • DESIGN

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner
Reviewer: Mike Hohbach
Drafter: Stuart Smith
Checker: Tony Quinn

GENERAL CONSTRUCTION

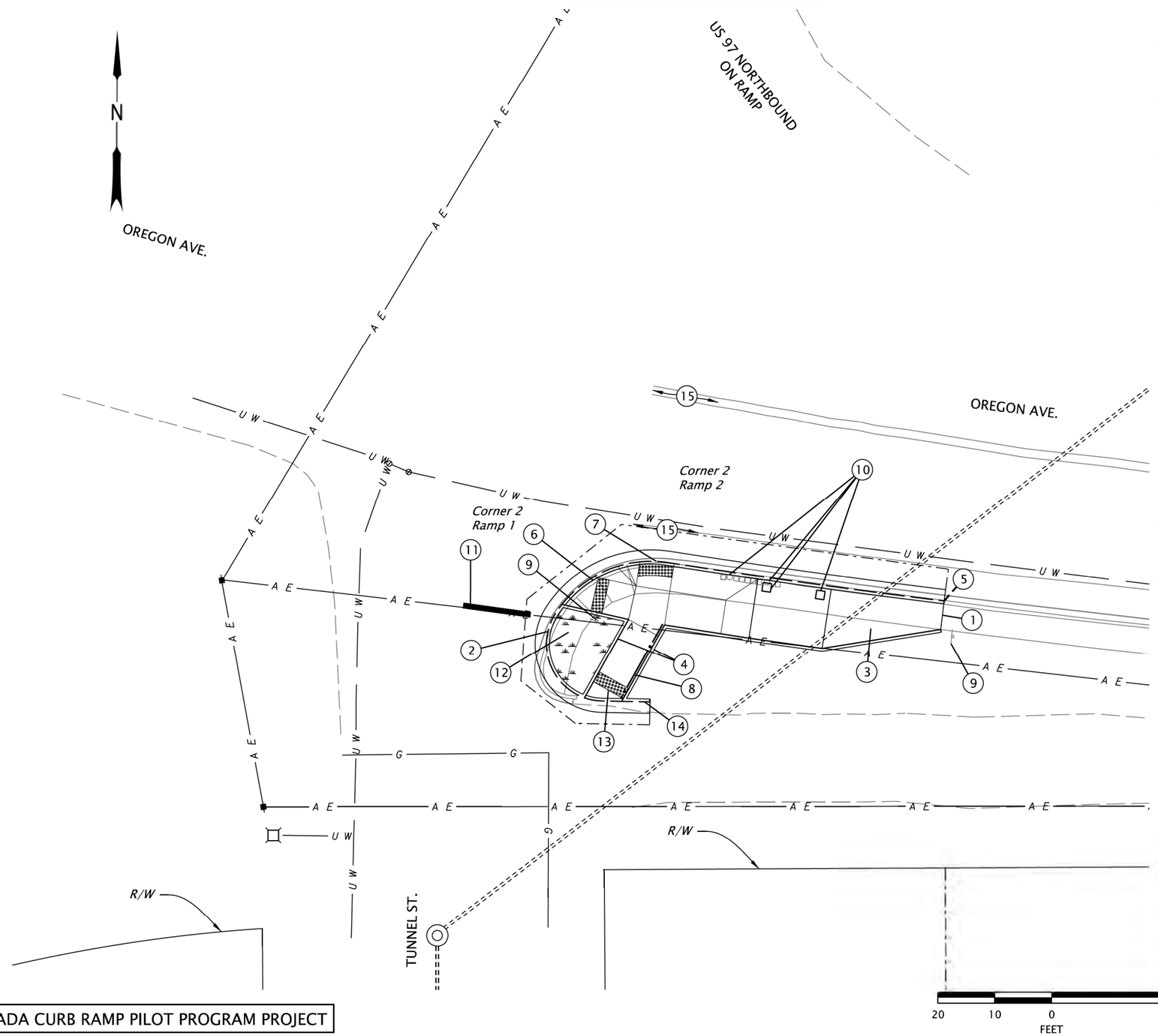
SHEET NO. C301

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026

US 97: TUNNEL ST. TO PAYNE ALLEY

KLAMATH FALLS SITE 1



1. Connect to extg. walk
2. Const. curb & gutter (See dwg. no. RD700)
3. Const. PCC sidewalk (See dwg. no. RD721)
4. Const. standard curb (See dwg. no. RD700)
5. Connect to extg. curb
6. Const. curb ramp, Perpendicular Inst. safety yellow truncated domes on new surface - 12.0 sq. ft. PCC surfacing Ramp 1 - SY (For details, see sht. BC401) (See dwg. nos. RD900, RD901, RD902, RD904,RD905, RD910, RD912, RD913 & RD916) DE Control No. 22209-06 Gutter Flow Slope & Ramp Cross Slope
7. Const. curb ramp, Combination Inst. radial safety yellow truncated domes on new surface - 12.1 sq. ft. PCC surfacing Ramp 2 - SU (For details, see sht. BC401) (See dwg. nos. RD900, RD901, RD902, RD904, RD905, RD930, RD932, RD936 & RD938)
8. Const. pedestrian handrial, 3 rail (For details, see dwg, nos. RD770 and RD771)
9. Preserve & protect extg. sign
10. Remove & reinstall extg. mailboxes on new multiple mailbox supports Const. conc. collar (See dwg. nos. RD100 & RD101)
11. Inst. stop bar (See dwg. nos. TM503, TM530)
12. Inst. rock mulch (For details, see sht. BA03)
13. Const. curb ramp, Perpendicular Inst. safety yellow truncated domes on new surface - 12.0 sq. ft. PCC surfacing Ramp - SU (For details, see sht. BC401) DE Control No. 22209-12 Ramp Running Slope
14. Const. curb transition (See dwg. no. RD700)
15. Remove extg. striping within intended crossing location (For details, see sheet BA01)

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.11.09 16:03:29-08'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

GENERAL CONSTRUCTION

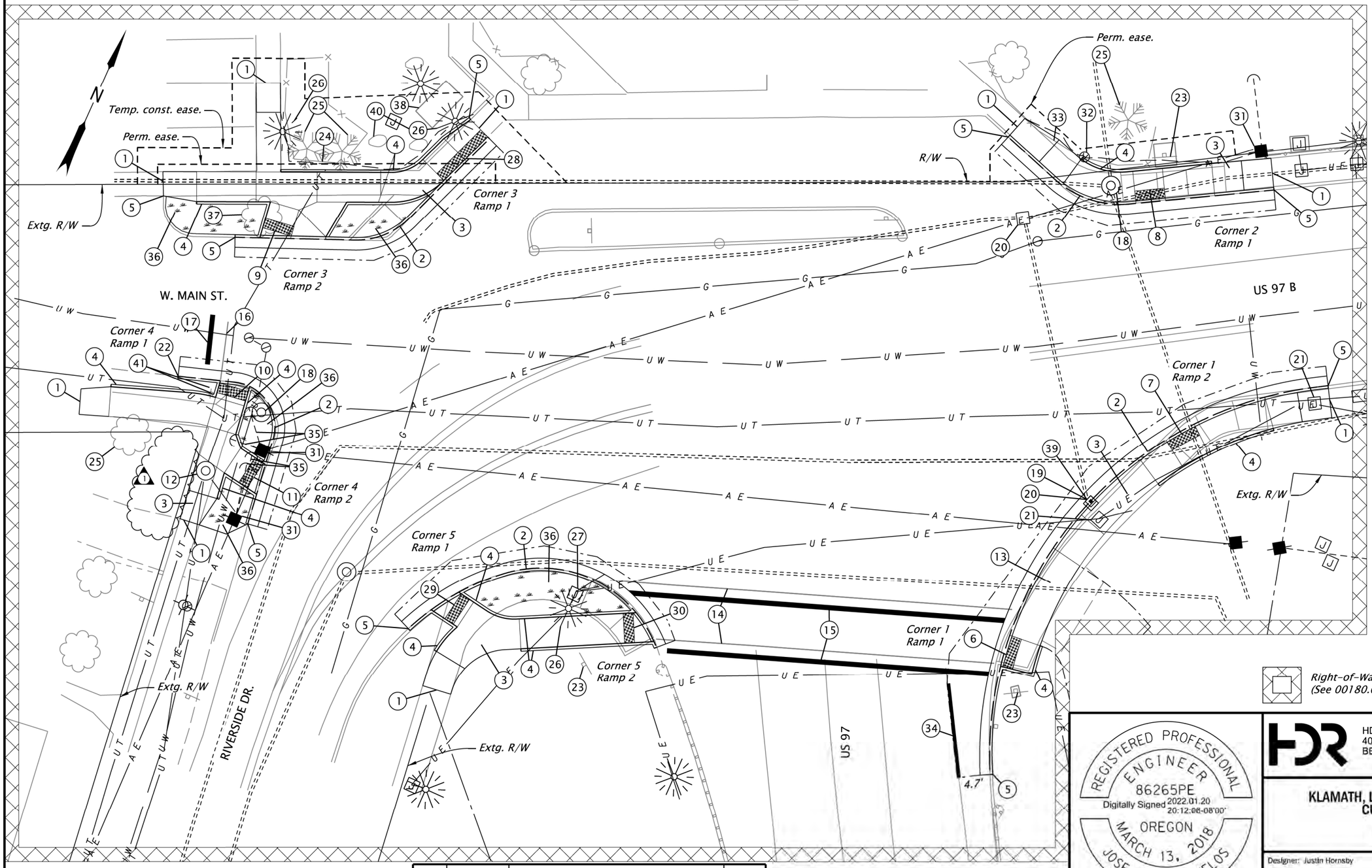
SHEET NO. C401

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0.2625° Scale: 1"=20'

US 97: TUNNEL ST. TO PAYNE ALLEY

KLAMATH FALLS SITE 2



Right-of-Way delays or access delays (See 00180.65)

No.	DATE	REVISIONS	BY
1	01-19-22	R/W design	S.A.T

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2022.01.20 20:12:06-08'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2023

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

GENERAL CONSTRUCTION | SHEET NO. C402

1. *Connect to extg. walk*
2. *Const. curb & gutter*
3. *Const. PCC sidewalk*
4. *Const. standard curb*
5. *Connect to extg. curb*
6. *Const. curb ramp, Unique*
   Inst. radial safety yellow truncated domes on new surface - 12.8 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC403)
   (See dwg. nos. RD900, RD901, RD902, RD904, RD905, RD920 & RD960)
7. *Const. curb ramp, Parallel*
   Inst. radial safety yellow truncated domes on new surface - 12.8 sq. ft.
   PCC surfacing
   Ramp 2 - SU
   (For details, see sht. BC403)
   (See dwg. nos. RD900, RD901, RD902, RD904, RD905, RD920 & RD922)
8. *Const. curb ramp, Parallel*
   Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC404)
9. *Const. curb ramp, Combination*
   Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC405)
   DE Control No. 22209-05 - Ramp Running Slope
10. *Const. curb ramp, Combination*
    Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
    PCC surfacing
    Ramp 1 - SY
    (For details, see sht. BC407)
    DE Control No. 22209-05 - Counter Slope Intersection Control Type - Stop
11. *Const. curb ramp, Perpendicular*
    Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
    PCC surfacing
    Ramp 2 - SU
    (For details, see sht. BC407)
12. *Minor adjust manhole (by others)*
13. *Const. PCC dwy., option G*
    (For details, see sht. BB401)
    (See std. dwg. nos. RD715 & RD735)
14. *Remove extg. crosswalk*
15. *Inst. standard crosswalk*
    (See dwg. nos. TM503, TM530)
16. *Remove extg. stop bar*
    (For details, see sheet BA01)
17. *Inst. stop bar*
18. *Minor adjust manhole*
19. *Adjust inlet*
    (For details, see sht. BA02)
20. *Inst. inlet protection (Type 3)*
    (See dwg. no. RD1010)
21. *Adjust junction box*
22. *Const. curb transition*
23. *Preserve & protect extg. sign*
24. *Preserve & protect extg. fence*
25. *Preserve & protect extg. tree*
26. *Preserve & protect extg. luminaire*
27. *Preserve & protect extg. junction box*
28. *Inst. safety yellow truncated domes on new surface - 25.0 sq. ft.*
    PCC surfacing
    (See dwg. nos. RD902 & RD906)
29. *Const. curb ramp, Perpendicular*
    Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
    PCC surfacing
    Ramp 1 - SU
    (For details, see sht. BC409)
30. *Const. curb ramp, Perpendicular*
    Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
    PCC surfacing
    Ramp 2 - SY
    (For details, see sht. BC409)
31. *Preserve & protect extg. utility pole*
32. *Relocate extg. gas riser (by others)*
33. *Relocate extg. fence (by others)*
34. *Inst. 8" white line*
    (See dwg. no. TM500)
35. *Relocate extg. guywires (by others)*
36. *Inst. rock mulch*
37. *Remove extg. tree*
38. *Preserve & protect extg. statue*
39. *Const. gutter transition*
    (See dwg. no. RD363)
40. *Preserve & protect extg. stones*
41. *Remove & Reinstall extg. sign(s) on new PSST support*
    (For relocation details, see TM200)
    (For support details, see TM681, TM687 & TM688)

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:46:34-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

GENERAL CONSTRUCTION NOTES

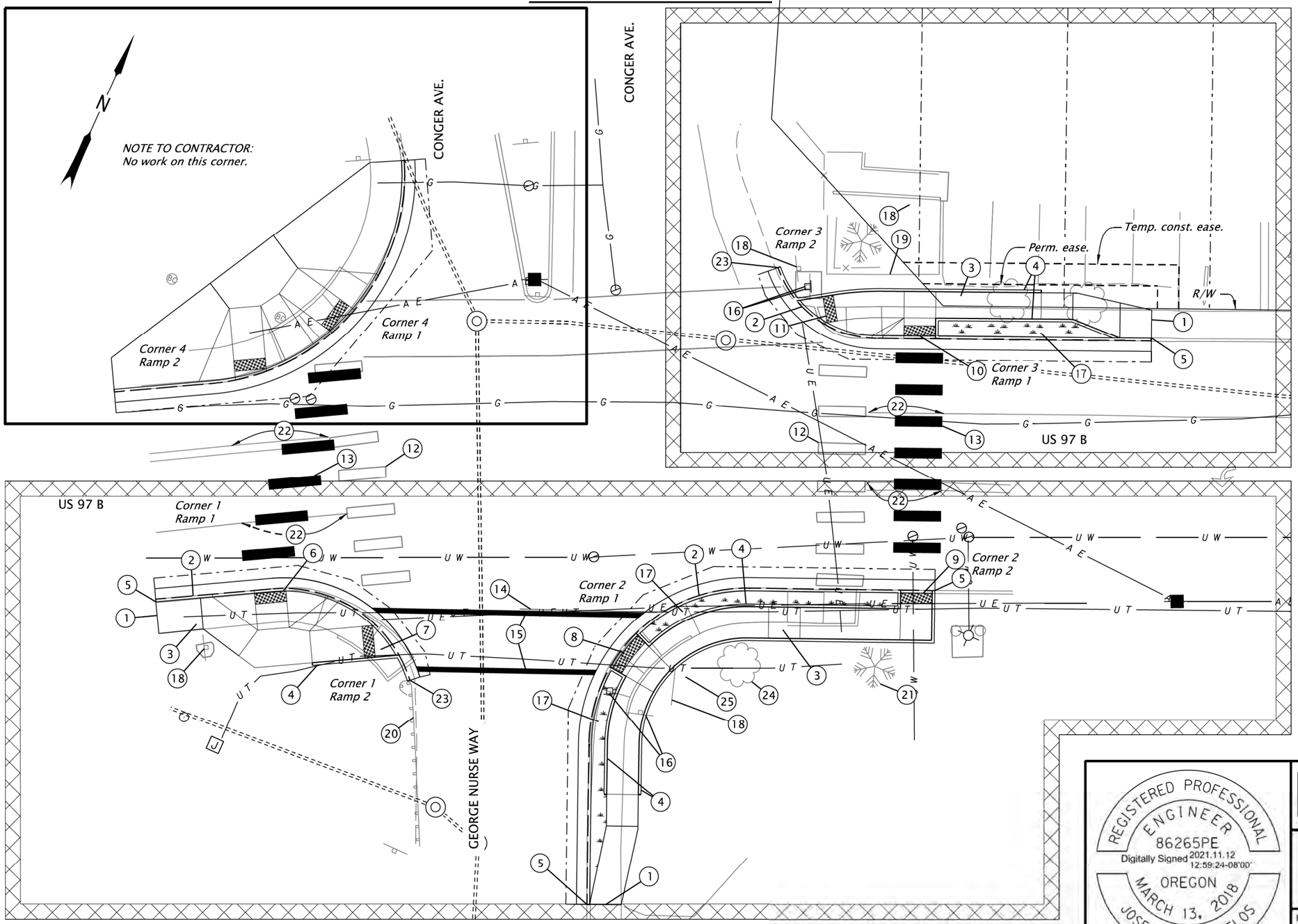
SHEET NO. C402A

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 24.2579° Scale: 1"=20'

US 97: TUNNEL ST. TO PAYNE ALLEY

KLAMATH FALLS SITE 3



Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.11.12 12:59:24-08'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

GENERAL CONSTRUCTION

SHEET NO. C403

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 24.2579° Scale: 1"=20'

1. *Connect to extg. walk*
2. *Const. curb & gutter*
3. *Const. PCC sidewalk*
4. *Const. standard curb*
5. *Connect to extg. curb*
6. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes
   on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC410)
7. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes
   on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see sht. BC410)
   DE Control No. 22209-10R -Gutter Flow Slope
8. *Const. curb ramp, Combination*
   Inst. radial safety yellow truncated domes
   on new surface - 15.3 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC411)
   DE Control No. 22209-10R -Gutter Flow Slope, Ramp Running Slope, Turning Space Slope, Counter Slope, and Cross Slope
9. *Const. curb ramp, Unique*
   Inst. safety yellow truncated domes
   on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 2 - SU
   (For details, see sht. BC411)
10. *Const. curb ramp, Combination*
    Inst. safety yellow truncated domes
    on new surface - 12.0 sq. ft.
    PCC surfacing
    Ramp 1 - SU
    (For details, see sht. BC412)
11. *Const. curb ramp, Perpendicular*
    Inst. safety yellow truncated domes
    on new surface - 10.0 sq. ft.
    PCC surfacing
    Ramp 2 - SY
    (For details, see sht. BC412)
    DE Control No. 22209-10R -Gutter Flow Slope, and Ramp Running Slope
12. *Remove extg. crosswalk*
13. *Inst. continental crosswalk*
14. *Remove extg. stop bar*
15. *Inst. standard crosswalk*
    (See dwg. nos. TM503, TM530)
16. *Remove & Reinstall extg. sign(s) on new PSST support*
    (For relocation details, see TM200)
    (For support details, see TM681, TM687 & TM688)
17. *Inst. rock mulch*
18. *Preserve & protect extg. sign*
19. *Preserve & protect extg. retaining wall*
20. *Preserve & protect extg. guard rail*
21. *Preserve & protect extg. tree*
22. *Remove extg. striping within intended crossing location*
23. *Const. curb transition*
24. *Remove extg. tree*
25. *Remove extg. vegetation*

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.22 08:55:54-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

GENERAL CONSTRUCTION NOTES

SHEET NO. C403A

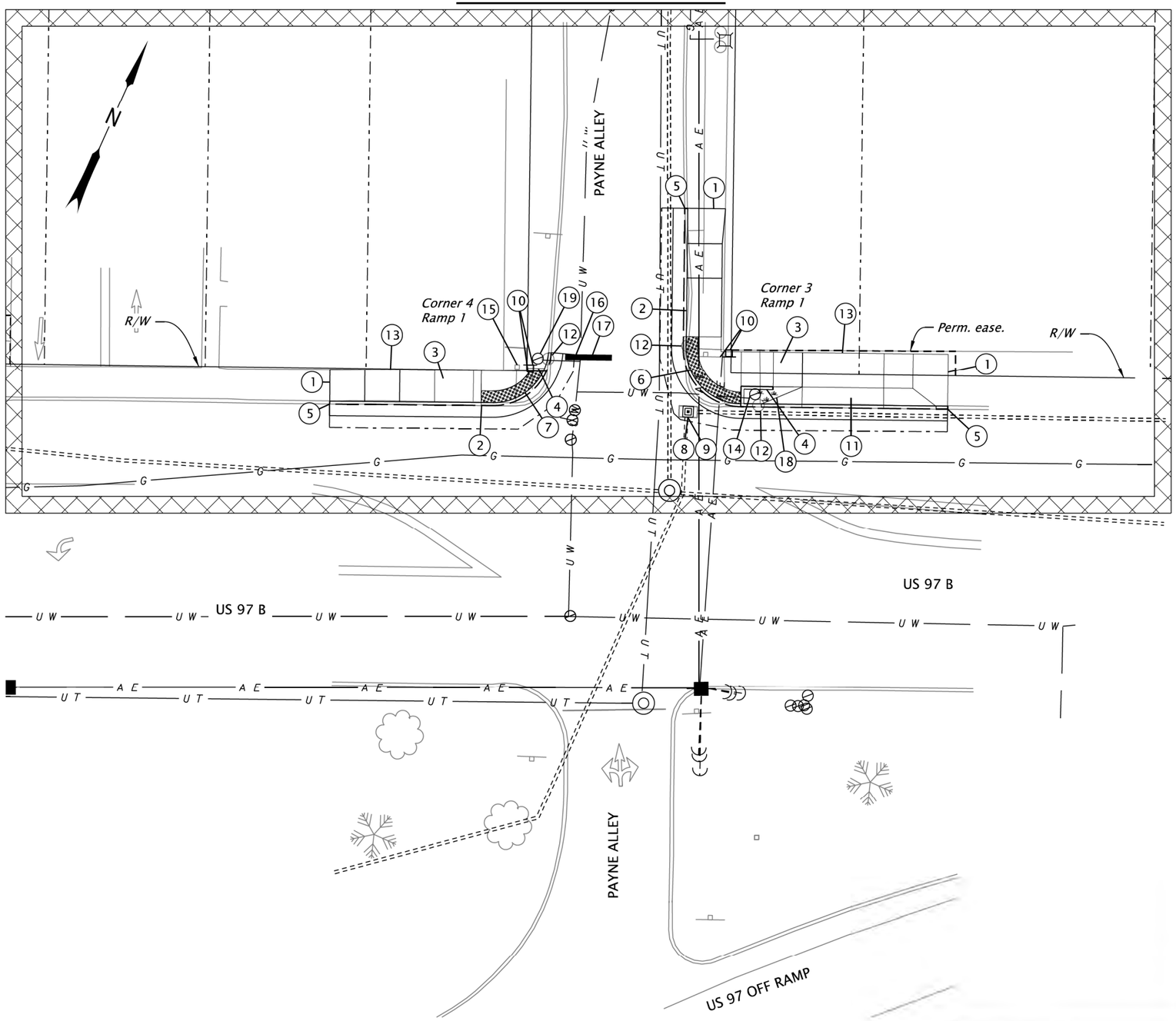
FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 24.2579° Scale: 1"=20'

US 97: TUNNEL ST. TO PAYNE ALLEY

55V-026

KLAMATH FALLS SITE 4



1. *Connect to extg. walk*
2. *Const. curb & gutter*
3. *Const. PCC sidewalk*
4. *Const. standard curb*
5. *Connect to extg. curb*
6. *Const. curb ramp, Parallel, Option PL-4*
   Inst. radial safety yellow truncated domes on new surface - 30.7 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC413)
   DE Control No. 22209-04 -Single Curb Ramp & Ramp Running Slope
7. *Const. curb ramp, Parallel, Option PL-4*
   Inst. radial safety yellow truncated domes on new surface - 22.4 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC414)
   DE Control No. 22209-04 -Single Curb Ramp
8. *Adjust inlet*
9. *Inst. inlet protection (Type 3)*
10. *Remove & Reinstall extg. sign(s) on new PSST support*
11. *Const. PCC dwy., option C*
    (See dwg. no. RD725)
    (For details, see sht. BB403)
12. *Remove extg. tubular marker*
13. *Preserve & protect extg. face of building*
14. *Adjust water valve box*
    (For details, see dwg. no. RD258 or sheet BA02 as applicable)
15. *Preserve & protect extg. sign*
16. *Remove extg. stop bar*
17. *Inst. stop bar*
18. *Inst. rock mulch*
19. *Preserve & protect extg. water valve*

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

20 10 0 20
FEET

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:46:46-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

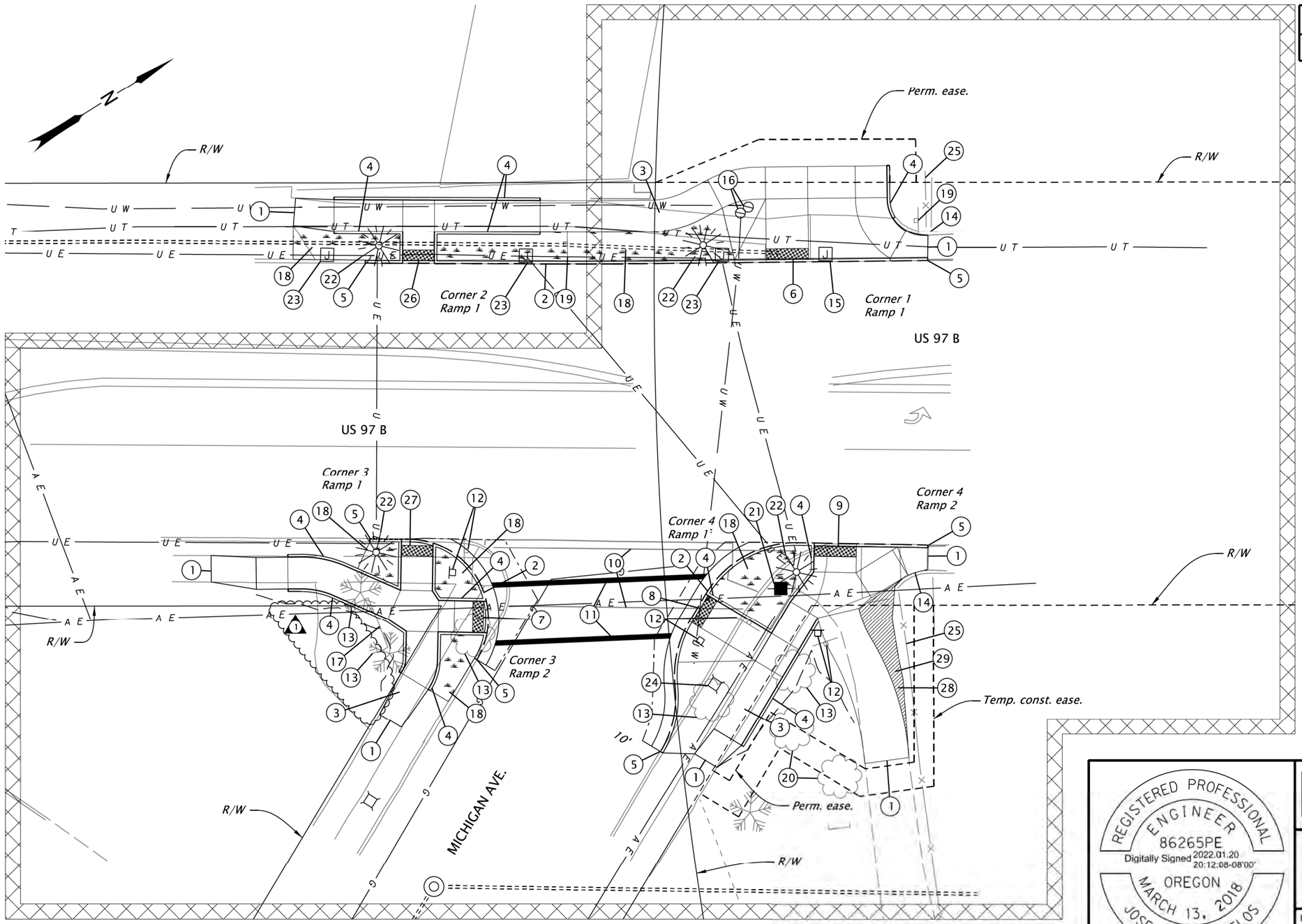
GENERAL CONSTRUCTION | SHEET NO. C404

US 97 B: MICHIGAN AVE. TO N. SPRING ST.

55V-026

KLAMATH FALLS SITE 5

No.	DATE	REVISIONS	BY
1	01-19-22	R/W design	S.A.T



Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2022.01.20 20:12:08-08'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2023

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

GENERAL CONSTRUCTION

SHEET NO. C405

1. *Connect to extg. walk*
2. *Const. curb & gutter*
3. *Const. PCC sidewalk*
4. *Const. standard curb*
5. *Connect to extg. curb*
6. *Const. curb ramp, Combination*
   Inst. safety yellow truncated domes
   on new surface - 16.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC415)
   DE Control No. 22209-08R - Ramp Running Slopes, Gutter Flow Slope, Shared Use Path Width, Flare Slope, & Cross Slope
7. *Const. curb ramp, Combination*
   Inst. radial safety yellow truncated domes
   on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see sht. BC417)
   DE Control No. 22209-08R - Ramp Running Slope & Counter Slope
8. *Const. curb ramp, Combination*
   Inst. radial safety yellow truncated domes
   on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC419)
   DE Control No. 22209-08R - Ramp Running Slopes, Gutter Flow Slope, & Cross Slope
9. *Const. curb ramp, Combination*
   Inst. radial safety yellow truncated domes
   on new surface - 16.0 sq. ft.
   PCC surfacing
   Ramp 2 - SU
   (For details, see sht. BC419)
   DE Control No. 22209-08R - Ramp Running Slopes, Gutter Flow Slope, Cross Slope, Shared Use Path Width, Flare Slope & Turning Space Slope
10. *Remove extg. crosswalk*
11. *Inst. standard crosswalk*
12. *Remove & Reinstall extg. sign(s) on new PSST support*
13. *Remove extg. tree*
14. *Preserve & protect extg. face of bridge*
15. *Adjust extg. junction box to grade*
16. *Adjust water valve box*
17. *Remove extg. sign (by others)*
18. *Inst. rock mulch*
19. *Preserve & protect extg. sign*
20. *Preserve & protect extg. tree*
21. *Preserve & protect extg. utility pole*
22. *Preserve & protect extg. luminaire*
23. *Preserve & protect extg. junction box*
24. *Adjust water meter box*
25. *Preserve & protect extg. fence*
26. *Const. curb ramp, Combination*
    Inst. safety yellow truncated domes
    on new surface - 12.0 sq. ft.
    PCC surfacing
    Ramp 1 - SU
    (For details, see sht. BC416)
    DE Control No. 22209-08R - Ramp Running Slope, Gutter Flow Slope, & Cross Slope
27. *Const. curb ramp, Combination*
    Inst. radial safety yellow truncated domes
    on new surface - 12.0 sq. ft.
    PCC surfacing
    Ramp 1 - SU
    (For details, see sht. BC417)
    DE Control No. 22209-08R - Ramp Running Slope, Gutter Flow Slope, & Cross Slope
28. *Remove sidewalk, shown thus: -107.6 SY*
29. *Install aggr. shldr. rock - 4.0 tons*

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.22 08:55:56-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

GENERAL CONSTRUCTION NOTES

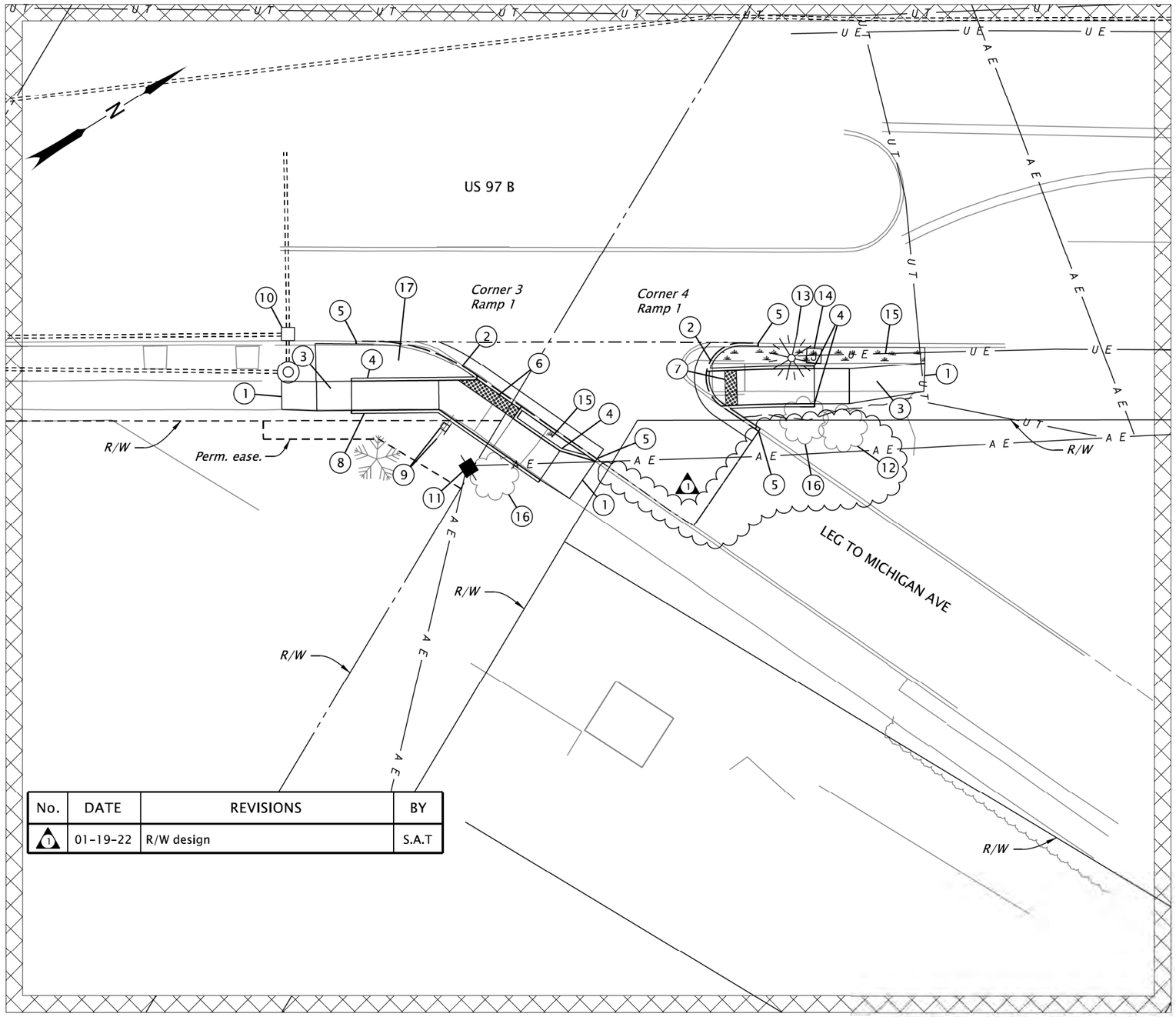
SHEET NO. C405A

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

55V-026

US 97 B: MICHIGAN AVE. TO N. SPRING ST.

KLAMATH FALLS SITE 6



No.	DATE	REVISIONS	BY
1	01-19-22	R/W design	S.A.T

1. Connect to extg. walk
2. Const. curb & gutter
3. Const. PCC sidewalk
4. Const. standard curb
5. Connect to extg. curb
6. Const. curb ramp, Combination
   Inst. safety yellow truncated domes on new surface - 20.2 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC421)
7. Const. curb ramp, Perpendicular
   Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC423)
   DE Control No. 22209-02 -Ramp Run Slope, Cross Slope & Gutter Flow Slope
8. Const. conc. curb, modified (12" curb, 46.5 ft.)
   (For details, see sht. BA01)
9. Remove & Reinstall extg. sign(s) on new PSST support
10. Inst. inlet protection (Type 3)
11. Preserve & protect extg. utility pole
12. Preserve & protect extg. tree
13. Preserve & protect extg. luminaire
14. Preserve & protect extg. junction box
15. Inst. rock mulch
16. Remove extg. tree
17. Const. 6" conc. surfacing - 131.4 sq. ft.

Right-of-Way delays or access delays (See 00180.65)

20 10 0 20
FEET

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
86265PE
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OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2023

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

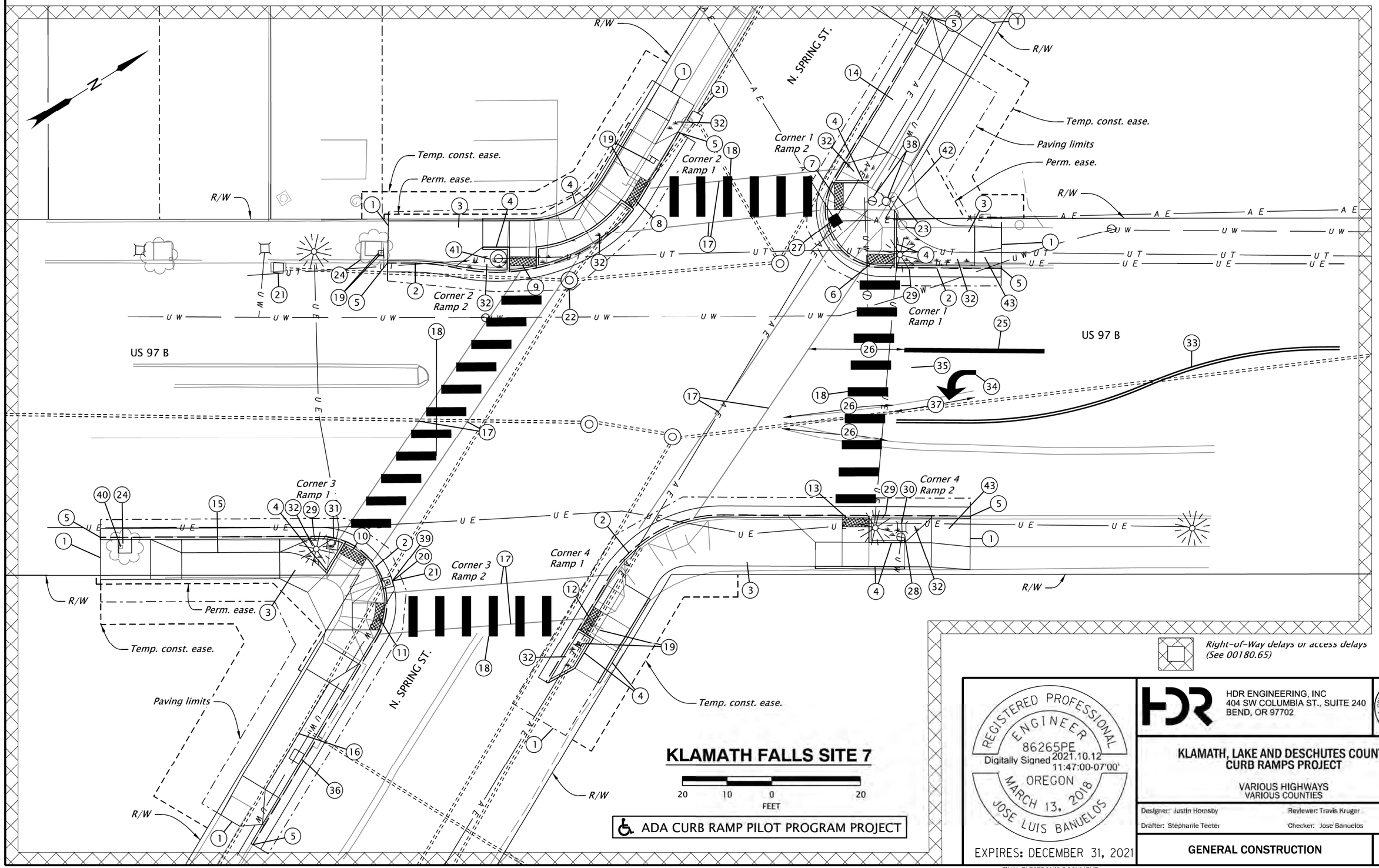
Designer: Justin Hornsby | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

GENERAL CONSTRUCTION

SHEET NO. C406

US 97 B: MICHIGAN AVE. TO N. SPRING ST.

55V-026



REGISTERED PROFESSIONAL ENGINEER
86265PE
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OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

GENERAL CONSTRUCTION

SHEET NO. C407

1. *Connect to extg. walk*
2. *Const. curb & gutter*
3. *Const. PCC sidewalk*
4. *Const. standard curb*
5. *Connect to extg. curb*
6. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC424)
7. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see sht. BC424)
8. *Const. curb ramp, Combination*
   Inst. radial safety yellow truncated domes on new surface - 13.6 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC426)
9. *Const. curb ramp, Combination*
   Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 2 - SU
   (For details, see sht. BC426)
10. *Const. curb ramp, Perpendicular*
    Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
    PCC surfacing
    Ramp 1 - SU
    (For details, see sht. BC427)
11. *Const. curb ramp, Perpendicular*
    Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
    PCC surfacing
    Ramp 2 - SY
    (For details, see sht. BC427)
12. *Const. curb ramp, Combination*
    Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
    PCC surfacing
    Ramp 1 - SY
    (For details, see sht. BC429)
13. *Const. curb ramp, Combination*
    Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
    PCC surfacing
    Ramp 2 - SU
    (For details, see sht. BC429)
14. *Const. PCC dwy., option H*
    (For details, see sht. BB403)
    (See std. dwg. no. RD740)
15. *Const. PCC dwy., option D*
    (See dwg. no. RD730)
    (For details, see sht. BB404)
16. *Const. PCC dwy., option H*
    (For details, see sht. BB405)
17. *Remove extg. crosswalk*
18. *Inst. continental crosswalk*
19. *Remove & Reinstall extg. sign(s) on new PSST support*
20. *Adjust inlet*
21. *Inst. inlet protection (Type 3)*
22. *Minor adjust manhole*
23. *Remove extg. bollard*
24. *Preserve & protect extg. tree & tree grate*
25. *Inst. 8" white line*
26. *Remove extg. striping within intended crossing location*
27. *Preserve & protect extg. utility pole*
28. *Preserve & protect extg. water valve*
29. *Preserve & protect extg. luminaire*
30. *Preserve & protect extg. water meter*
31. *Preserve & protect extg. junction box*
32. *Inst. rock mulch*
33. *Inst. Narrow double N-pass two 4" yellow lines*
    (See dwg. no. TM500)
34. *Inst. white left turn arrow*
    (See dwg. no. TM501)
35. *Remove extg. left turn arrow*
36. *Relocate extg. water meter (by others)*
37. *Remove extg. striping*
    (For details, see BA01)
38. *Relocate extg. hydrant & water valve (by others)*
39. *Const. gutter transition*
40. *Preserve & protect extg. sign*
41. *Minor adjust manhole (by others)*
42. *Archeology monitoring required - 1*
43. *Const. 6" conc. surfacing - 72.7 sq. ft.*

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:47:04-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

GENERAL CONSTRUCTION NOTES

SHEET NO. C407A

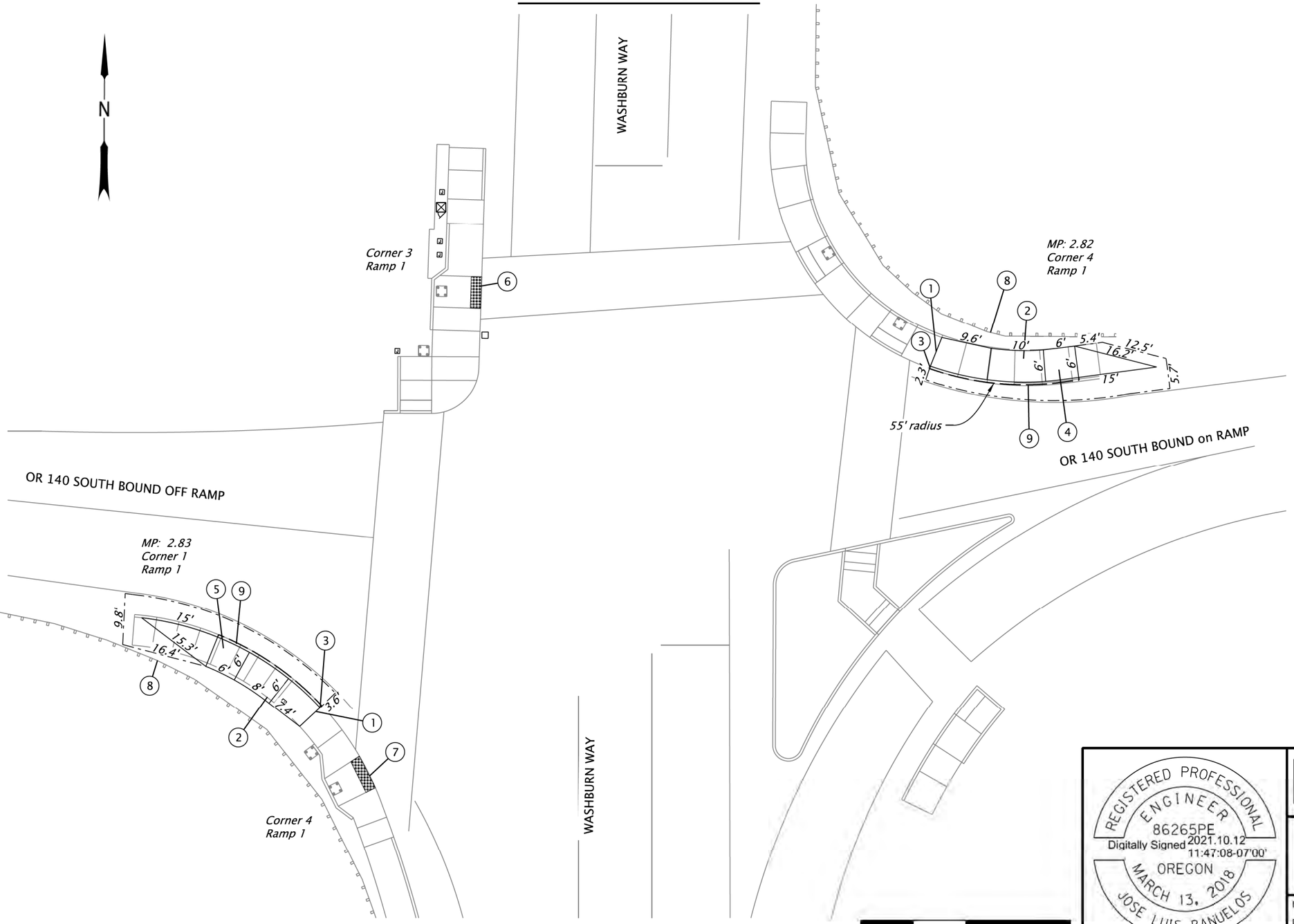
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 24.2579° Scale: 1"=20'

55V-026

OR 140: WASHBURN WAY TO ALTAMONT DR.

KLAMATH FALLS SITE 8



1. *Connect to extg. walk*
2. *Const. PCC sidewalk*
3. *Connect to extg. curb*
4. *Const. curb ramp, End of Walk, Option EW-1 Ramp 1 - SU (See dwg. nos. RD900, RD902, RD904, RD905, & RD950)*
5. *Const. curb ramp, End of Walk, Option EW-1 Ramp 1 - SU*
6. *Inst. safety yellow truncated domes on new surface - 12.0 sq. ft. PCC surfacing*
7. *Inst. safety yellow truncated domes on new surface - 13.1 sq. ft. PCC surfacing*
8. *Preserve & protect extg. guardrail*
9. *Const. standard curb*

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:47:08-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

GENERAL CONSTRUCTION

SHEET NO. C408

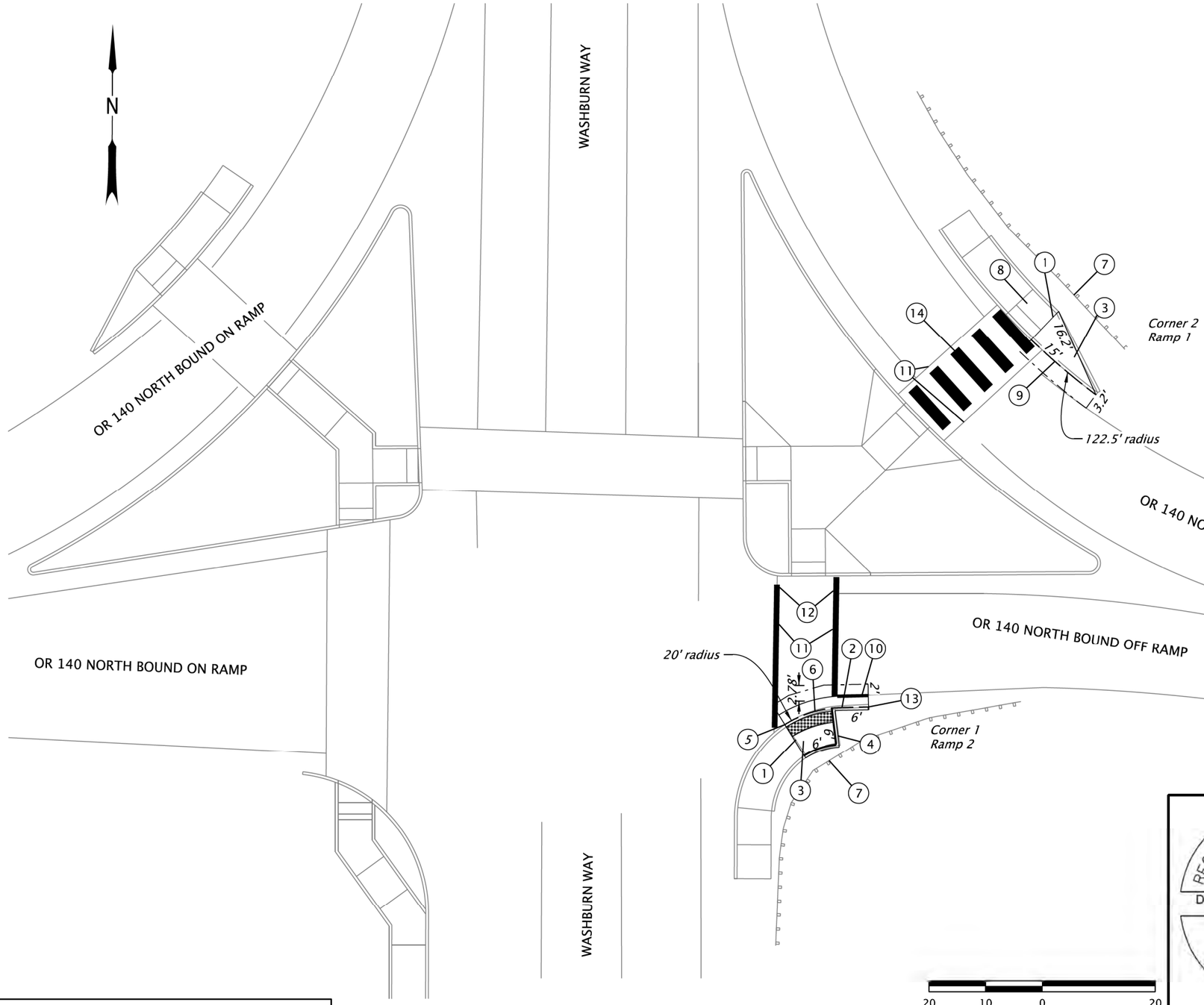
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0.2625° Scale: 1"=20'

55V-026

OR 140: WASHBURN WAY TO ALTAMONT DR.

KLAMATH FALLS SITE 9



1. Connect to extg. walk
2. Const. curb & gutter
3. Const. PCC sidewalk
4. Const. standard curb
5. Connect to extg. curb
6. Const. curb ramp, Unique
   Inst. safety yellow truncated domes
   on new surface - 16.5 sq. ft.
   PCC surfacing
   Ramp 2 - SU
7. Preserve & protect extg. guardrail
8. Preserve & protect extg. curb ramp turn space
9. Const. End of Walk taper
   Ramp 1 - SY
   (See dwg. no. RD950)
10. Inst. 8" white line
11. Remove extg. crosswalk
12. Inst. standard crosswalk
13. Const. curb transition
14. Inst. continental crosswalk

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:47:11-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Justin Hornsby | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

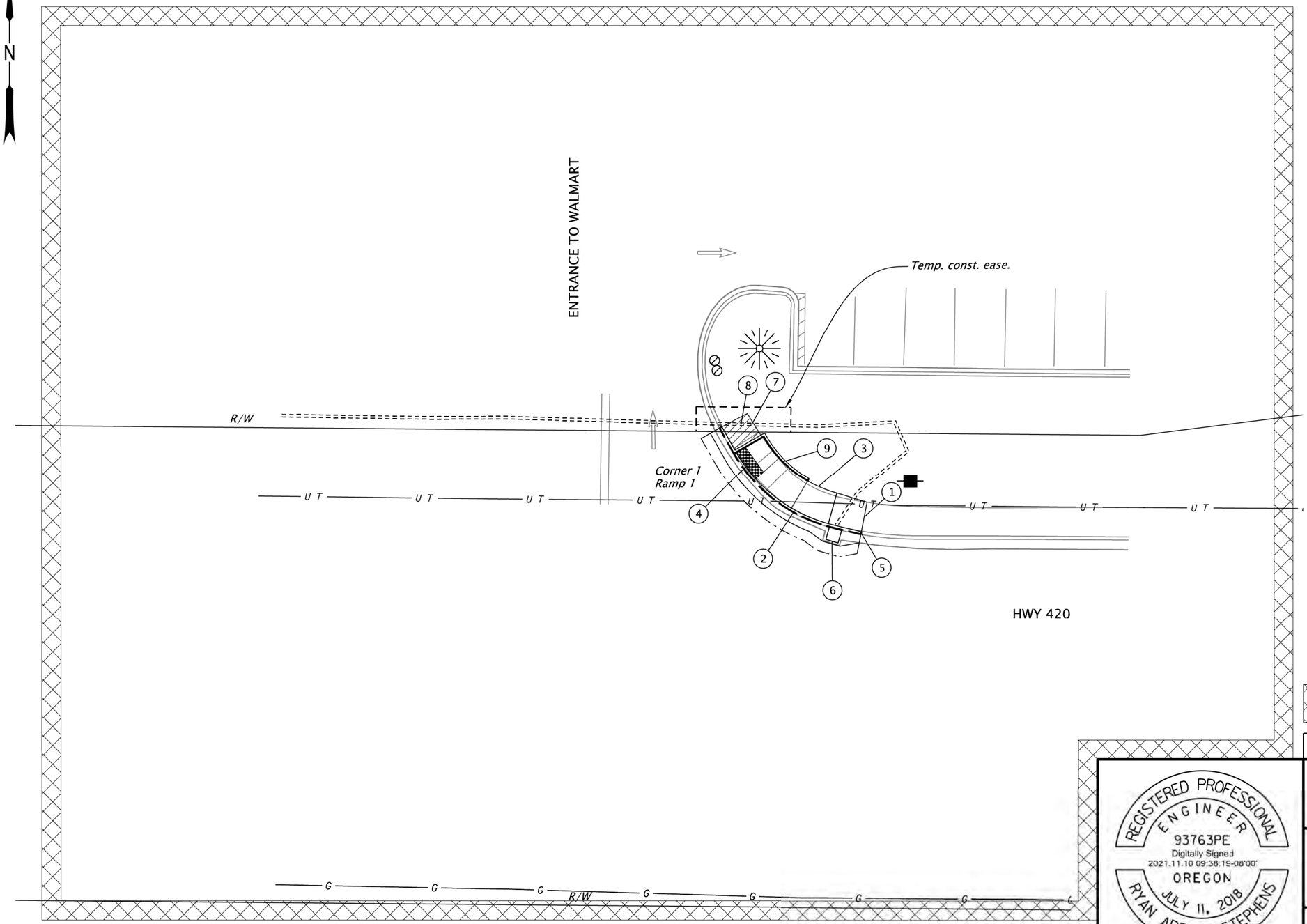
GENERAL CONSTRUCTION

SHEET NO. C409

HWY 420: M.P. 1.33 TO M.P. 1.46

55V-026

ALTAMONT SITE 1



1. Connect to extg. walk
2. Const. conc. curb and gutter (See dwg. no. RD700)
3. Const. PCC sidewalk (See dwg. no. RD720 and RD722)
4. Const. curb ramp, unique
   Inst. safety yellow truncated domes on new surface - 12 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC501)
   (See dwg. nos. RD900, RD901, RD902, RD904, RD905, & RD960)
5. Connect to extg. curb
6. Preserve & protect extg. inlet
   Inst. inlet protection - Type 3
   (See dwg. no. RD1010)
7. Remove extg. sidewalk, shown thus: ▨ - 3 sq. yd.
8. Inst. sod - 3 sq. yd.
9. Const. standard curb (See dwg. no. RD700)

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:38:19-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens | Reviewer: Dave Simmons
Drafter: Ryan Stephens | Checker: Stan Petroff

GENERAL CONSTRUCTION

SHEET NO. C501

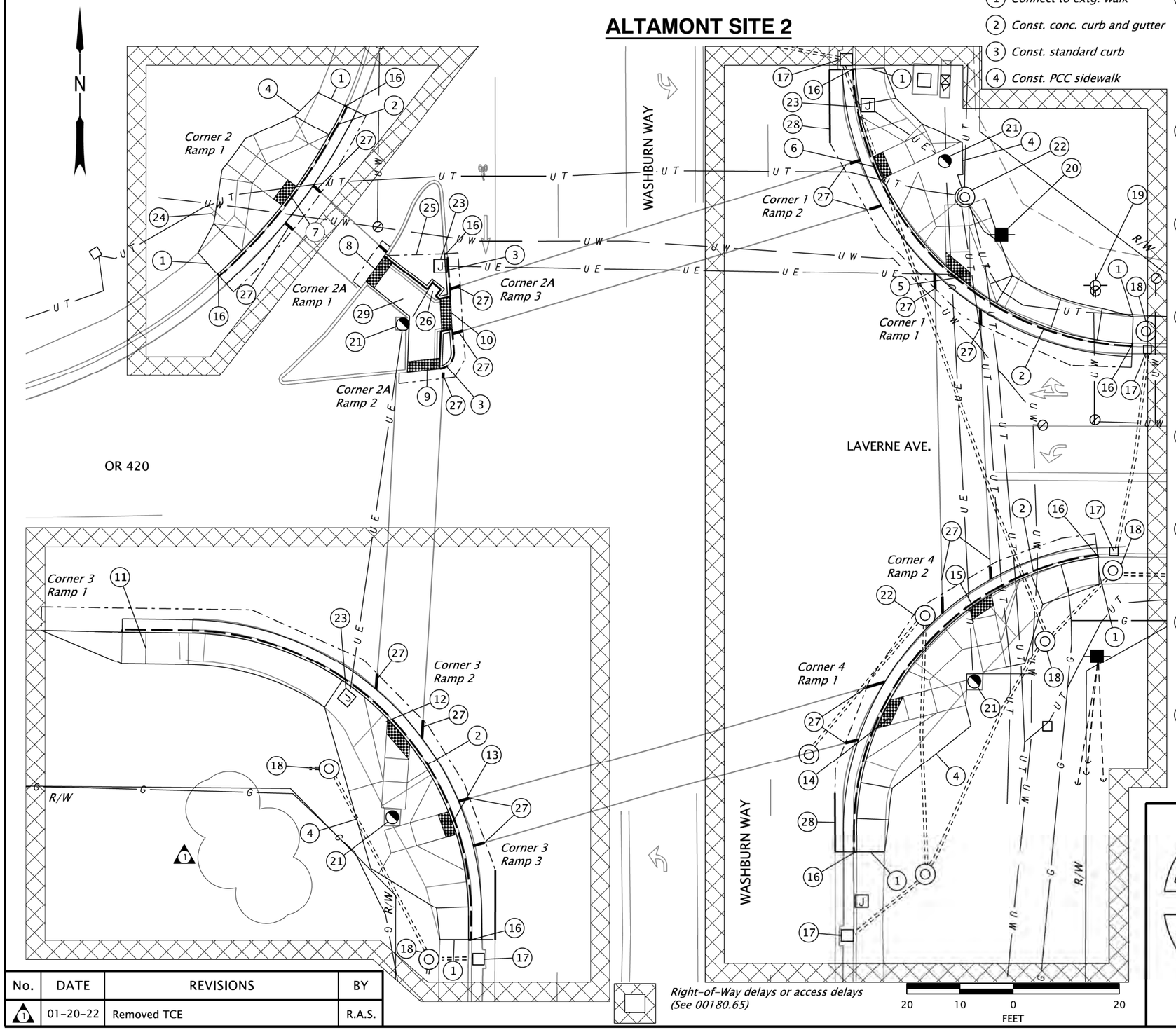
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1"=20'

HWY 420: M.P. 1.33 TO M.P. 1.46

55V-026

ALTAMONT SITE 2



1. Connect to extg. walk
2. Const. conc. curb and gutter
3. Const. standard curb
4. Const. PCC sidewalk
5. Const. curb ramp, perpendicular
   Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC502)
   (See dwg. nos. RD900, RD901, RD902, RD904, RD905, RD910, RD912, RD913, & RD916)
6. Const. curb ramp, perpendicular
   Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 2 - SU
   (For details, see sht. BC502)
7. Const. curb ramp, perpendicular
   Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC503)
8. Const. curb ramp, cut-through
   Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC503)
   (See dwg. no. RD900, RD901, RD902, RD904, RD905, & RD906)
9. Const. curb ramp, cut-through
   Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 2 - SU
   (For details, see sht. BC503)
10. Const. curb ramp, cut-through
    Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
    PCC surfacing
    Ramp 3 - SU
    (For details, see sht. BC503)
11. Const. curb ramp, end of walk
    PCC surfacing
    Ramp 1 - SU
    (For details, see sht. BC504)
    (See dwg. no. RD900, RD901, RD902, RD904, RD950, & RD952)
12. Const. curb ramp, perpendicular
    Inst. safety yellow truncated domes on new surface - 12.8 sq. ft.
    PCC surfacing
    Ramp 2 - SU
    (For details, see sht. BC504)
13. Const. curb ramp, perpendicular
    Inst. safety yellow truncated domes on new surface - 11.7 sq. ft.
    PCC surfacing
    Ramp 3 - SU
    (For details, see sht. BC504)
14. Const. curb ramp, perpendicular
    Inst. safety yellow truncated domes on new surface - 9.7 sq. ft.
    PCC surfacing
    Ramp 1 - SU
    (For details, see sht. BC505)
15. Const. curb ramp, perpendicular
    Inst. radial safety yellow truncated domes on new surface - 11.6 sq. ft.
    PCC surfacing
    Ramp 2 - SU
    (For details, see sht. BC505)
16. Connect to extg. curb
17. Preserve & protect extg. inlet
    Inst. inlet protection - Type 3
18. Preserve & protect extg. manhole
19. Preserve & protect extg. fire hydrant
20. Preserve & protect extg. utility pole
21. Preserve & protect extg. signal pole
22. Minor adjust manhole
23. Adjust utility box
24. Remove & reinstall extg. sign on new PSST support
    (For relocation details, see dwg. no. TM200)
    (For support details, see dwg. nos. TM681, TM687 & TM688)
25. Const. Type "C" conc. island, non-mountable
    (Cut through design)
26. Inst. new ped. pole & push button
    (See dwg. no. TM457)
27. Inst. standard crosswalk
    (See dwg. nos. TM503 & TM530)
28. Inst. 8" white line
    (See dwg. no. TM500)
29. Archaeology monitoring required - 1

No.	DATE	REVISIONS	BY
1	01-20-22	Removed TCE	R.A.S.

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2022.01.20 13:59:25-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens
Reviewer: Dave Simmons
Drafter: Ryan Stephens
Checker: Stan Petroff

GENERAL CONSTRUCTION

SHEET NO. C502

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

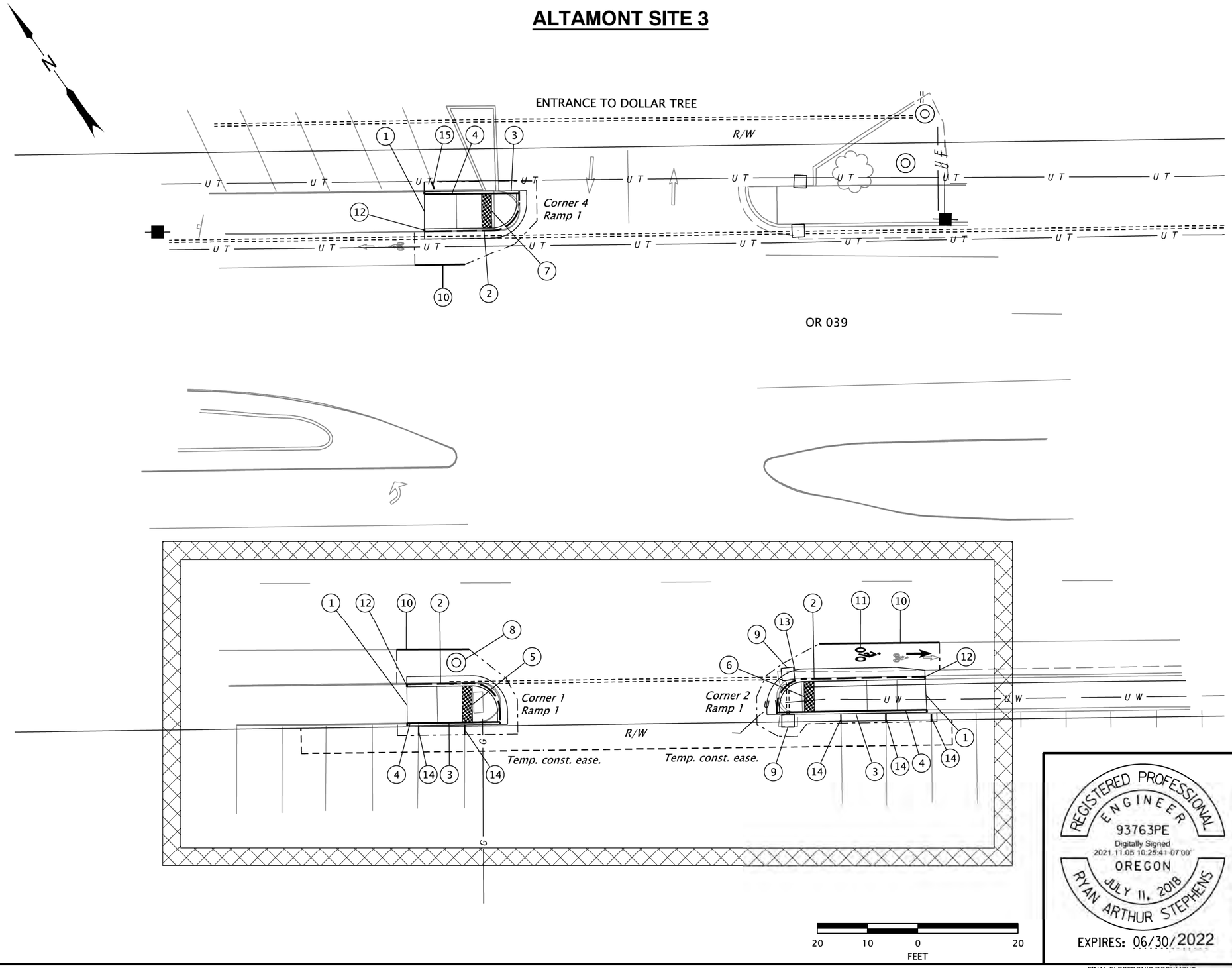
C502_02_ALTAMONT - Site 2 - OR 420 @ Laverne MP 1.33 :: Default 1/20/2022 12:48:00 PM rstephens

Rotation: 0° Scale: 1"=20'

OR 039: M.P. 2.52 TO M.P. 5.61

55V-026

ALTAMONT SITE 3



1. Connect to extg. walk
2. Const. conc. curb and gutter
3. Const. standard curb
4. Const. PCC sidewalk
5. Const. curb ramp, perpendicular
   Inst. safety yellow truncated domes on new surface - 13.6 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC506)
6. Const. curb ramp, perpendicular
   Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC507)
7. Const. curb ramp, perpendicular
   Inst. safety yellow truncated domes on new surface - 13.6 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC508)
8. Minor adjust manhole
9. Adjust inlet
   (For details, see sht. BA02)
   Inst. inlet protection - Type 3
10. Inst. 8" white line
11. Inst. bike lane standard stencil
    (See dwg. nos. TM503 & TM530)
12. Connect to extg. curb
13. Const. gutter transition
14. Inst. 4" white line
15. Inst. 4" yellow line

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.05 10:25:41-07'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens
Reviewer: Dave Simmons
Drafter: Ryan Stephens
Checker: Stan Petroff

GENERAL CONSTRUCTION

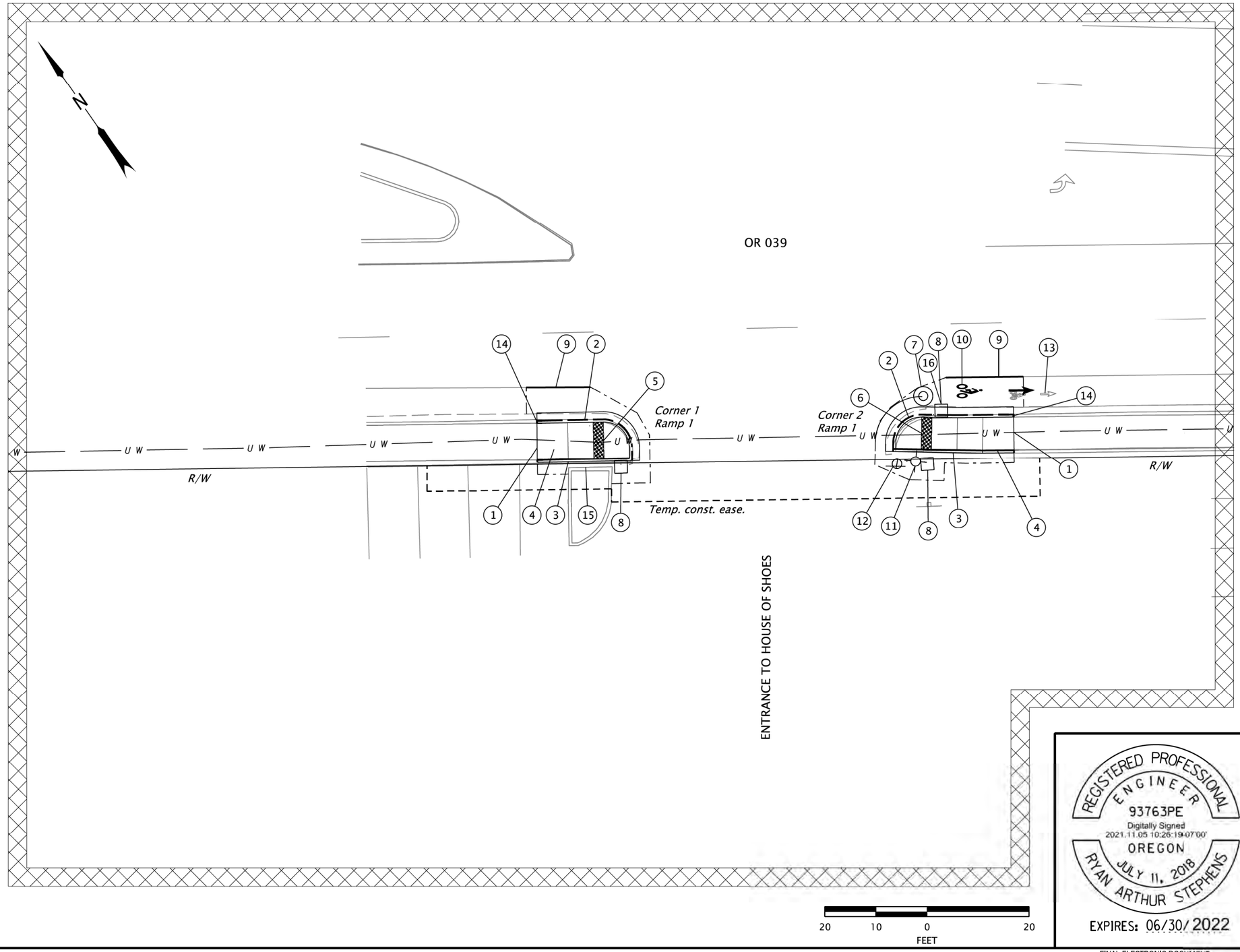
SHEET NO. C503

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

OR 039: M.P. 2.52 TO M.P. 5.61

55V-026

ALTAMONT SITE 4



1. Connect to extg. walk
2. Const. conc. curb and gutter
3. Const. standard curb
4. Const. PCC sidewalk
5. Const. curb ramp, perpendicular
   Inst. safety yellow truncated domes on new surface - 13.5 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC509)
6. Const. curb ramp, perpendicular
   Inst. safety yellow truncated domes on new surface - 12.6 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC510)
7. Minor adjust manhole
8. Adjust inlet
   Inst. inlet protection - Type 3
9. Inst. 8" white line
10. Inst. bike lane standard stencil
11. Preserve & protect extg. hydrant
12. Preserve & protect extg. valve box
13. Remove extg. bike lane stencil
    (For details, see sht. BA01)
14. Connect to extg. curb
15. Preserve & protect extg. curb
16. Const. gutter transition

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.05 10:26:19-07'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

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KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens | Reviewer: Dave Simmons
Drafter: Ryan Stephens | Checker: Stan Pétroff

GENERAL CONSTRUCTION | SHEET NO. C504

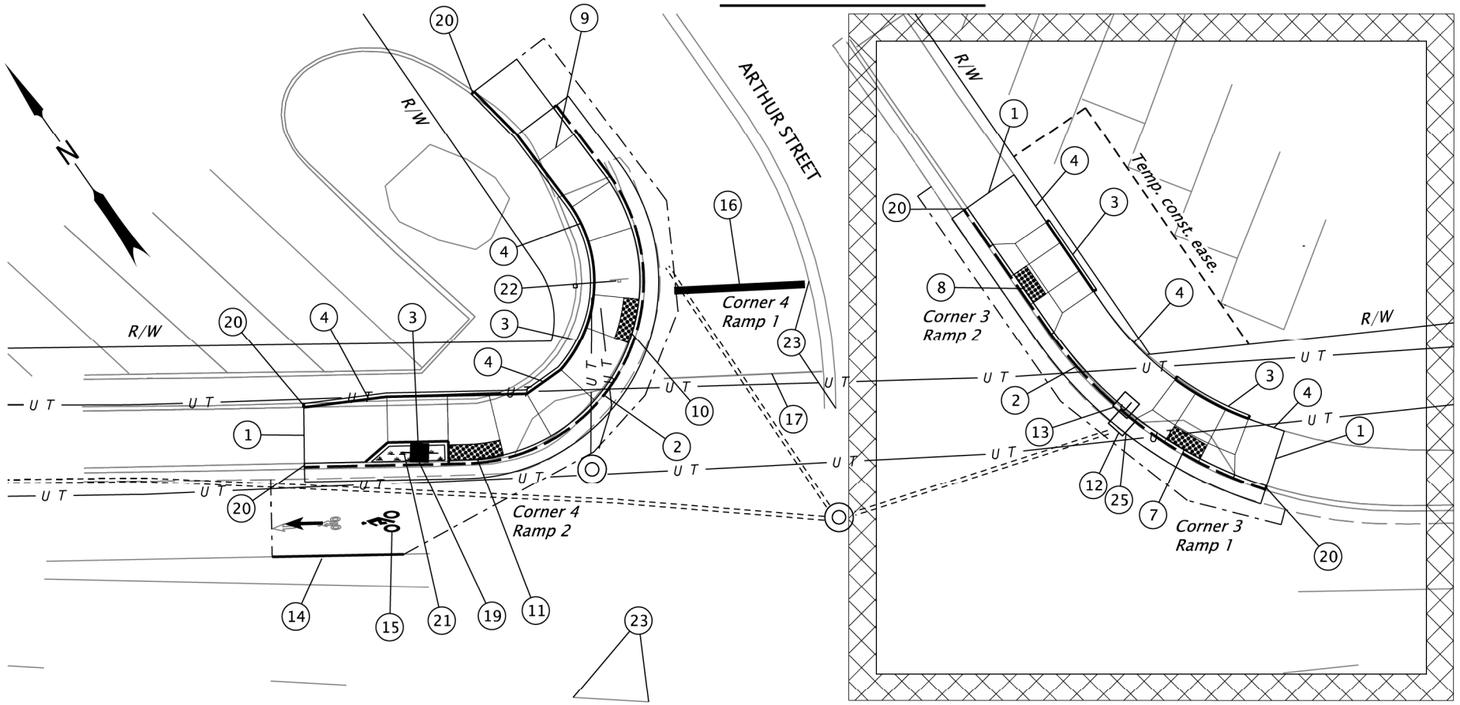
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

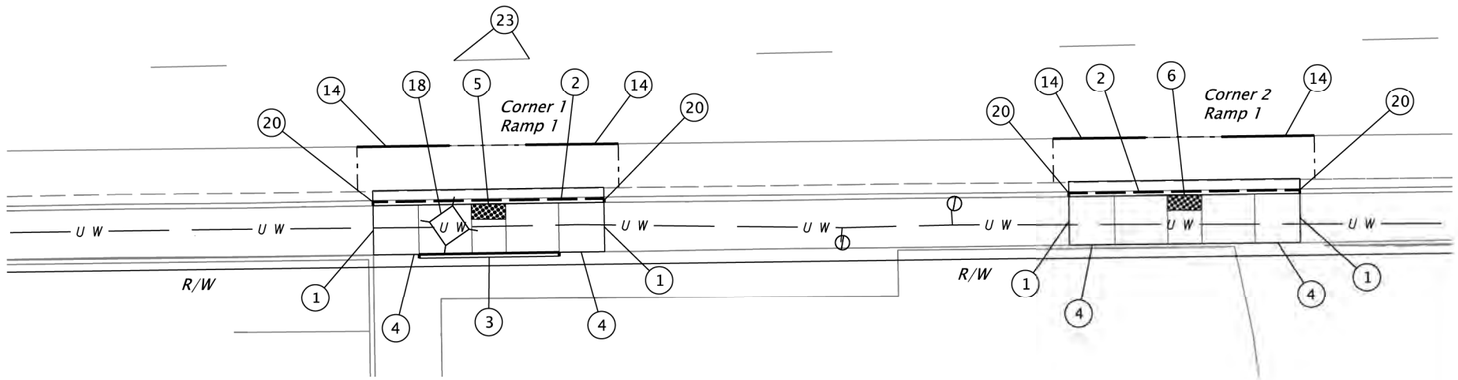
Rotation: 325.0744° Scale: 1"=20'

OR 039: M.P. 2.52 TO M.P. 5.16

55V-026

ALTAMONT SITE 5





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FEET

1. *Connect to extg. walk*
2. *Const. conc. curb and gutter*
3. *Const. standard curb*
4. *Const. PCC sidewalk*
5. *Const. curb ramp, parallel*
   Inst. safety yellow truncated domes on new surface – 9.0 sq. ft.
   PCC surfacing
   Ramp 1 – SY
   (For details, see sht. BC511)
6. *Const. curb ramp, parallel*
   Inst. safety yellow truncated domes on new surface – 9.0 sq. ft.
   PCC surfacing
   Ramp 1 – SY
   (For details, see sht. BC512)
7. *Const. curb ramp, combination*
   Inst. safety yellow truncated domes on new surface – 9.5 sq. ft.
   PCC surfacing
   Ramp 1 – SY
   (For details, see sht. BC513)
   (See dwg. nos. RD900, RD901, RD902, RD904, RD905, RD930, RD932, RD936 & RD938)
8. *Const. curb ramp, combination*
   Inst. safety yellow truncated domes on new surface – 8.1 sq. ft.
   PCC surfacing
   Ramp 2 – SY
   (For details, see sht. BC513)
9. *Const. curb ramp, end of walk*
   PCC surfacing
   Ramp 1A – SY
   (For details, see sht. BC514)
10. *Const. curb ramp, parallel*
    Inst. safety yellow truncated domes on new surface – 14.2 sq. ft.
    PCC surfacing
    Ramp 1 – SY
    (For details, see sht. BC514)
11. *Const. curb ramp, parallel*
    Inst. safety yellow truncated domes on new surface – 14.1 sq. ft.
    PCC surfacing
    Ramp 2 – SY
    (For details, see sht. BC514)
12. *Adjust inlet*
    Inst. inlet protection – Type 3
13. *Adjust utility box*
14. *Inst. 8" white line*
15. *Inst. bike lane standard stencil*
16. *Inst. stop bar*
    (See dwg. nos. TM503 & TM530)
17. *Remove extg. stop bar*
    (For details, see sht. BA01)
18. *Remove extg. water meter box (by others)*
19. *Preserve & protect extg. utility pole*
20. *Connect to extg. curb*
21. *Inst. rock mulch*
22. *Remove & reinstall extg. sign on new PSST support*
23. *Remove extg. striping within intended crossing location*
    (For details, see sht. BA01)
24. *Inst. left turn arrow*
    (See dwg. no. TM501)
25. *Const. gutter transition*

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.10.15 09:53:52-07'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens | Reviewer: Dave Simmons
Drafter: Ryan Stephens | Checker: Stan Petroff

GENERAL CONSTRUCTION

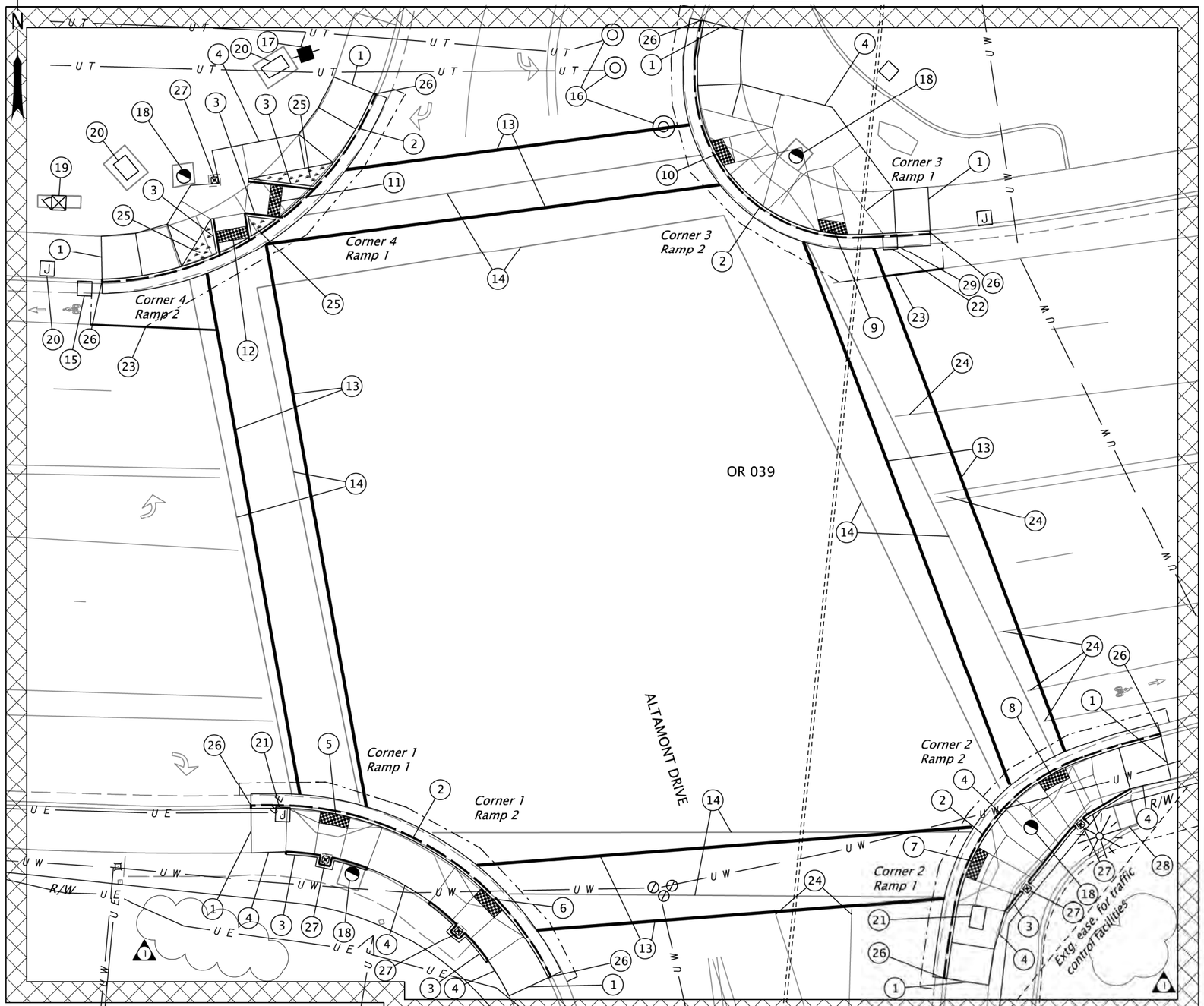
SHEET NO. C505

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 325.0744° Scale: 1"=20'

OR 039: M.P. 2.52 TO M.P. 5.16

ALTAMONT SITE 6



1. *Connect to extg. walk*
2. *Const. conc. curb and gutter*
3. *Const. standard curb*
4. *Const. PCC sidewalk*
5. *Const. curb ramp, combination*
   Inst. safety yellow truncated domes on new surface - 10.3 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC515)
6. *Const. curb ramp, combination*
   Inst. safety yellow truncated domes on new surface - 10.3 sq. ft.
   PCC surfacing
   Ramp 2 - SU
   (For details, see sht. BC515)
7. *Const. curb ramp, combination*
   Inst. safety yellow truncated domes on new surface - 10.8 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC516)
8. *Const. curb ramp, combination*
   Inst. safety yellow truncated domes on new surface - 10.2 sq. ft.
   PCC surfacing
   Ramp 2 - SU
   (For details, see sht. BC516)
9. *Const. curb ramp, perpendicular*
   Inst. safety yellow truncated domes on new surface - 9.5 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC517)
10. *Const. curb ramp, perpendicular*
    Inst. safety yellow truncated domes on new surface - 9.4 sq. ft.
    PCC surfacing
    Ramp 2 - SU
    (For details, see sht. BC517)
11. *Const. curb ramp, perpendicular*
    Inst. safety yellow truncated domes on new surface - 11.0 sq. ft.
    PCC surfacin
    Ramp 1 - SU
    (For details, see sht. BC518)
12. *Const. curb ramp, perpendicular*
    Inst. safety yellow truncated domes on new surface - 11.0 sq. ft.
    PCC surfacing
    Ramp 2 - SU
    (For details, see sht. BC518)
13. *Inst. crosswalk*
14. *Remove crosswalk*
    (For details, see sht. BA01)
15. *Preserve & protect extg. inlet*
    Inst. inlet protection - Type 3
16. *Preserve & protect extg. manhole*
17. *Preserve & protect extg. utility pole*
18. *Preserve & protect extg. signal pole*
19. *Preserve & protect extg. signal cabinet*
20. *Preserve & protect extg. utility box*
21. *Adjust extg. utility box*
22. *Adjust inlet*
    (For details, see sht. BA02)
    Inst. inlet protection - Type 3
23. *Inst. 8" white line*
24. *Remove extg. striping within intended crossing location*
25. *Inst. rock mulch*
26. *Connect to extg. curb*
27. *Inst. new ped. pole & push button*
28. *Preserve & protect extg. signal equipment*
29. *Const. gutter transition*

Right-of-Way delays or access delays
(See 00180.65)

No.	DATE	REVISIONS	BY
1	01-20-22	Removed TCE	R.A.S.

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
93763PE
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2022.01.20 13:59:58-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens | Reviewer: Dave Simmons
Drafter: Ryan Stephens | Checker: Stan Petroff

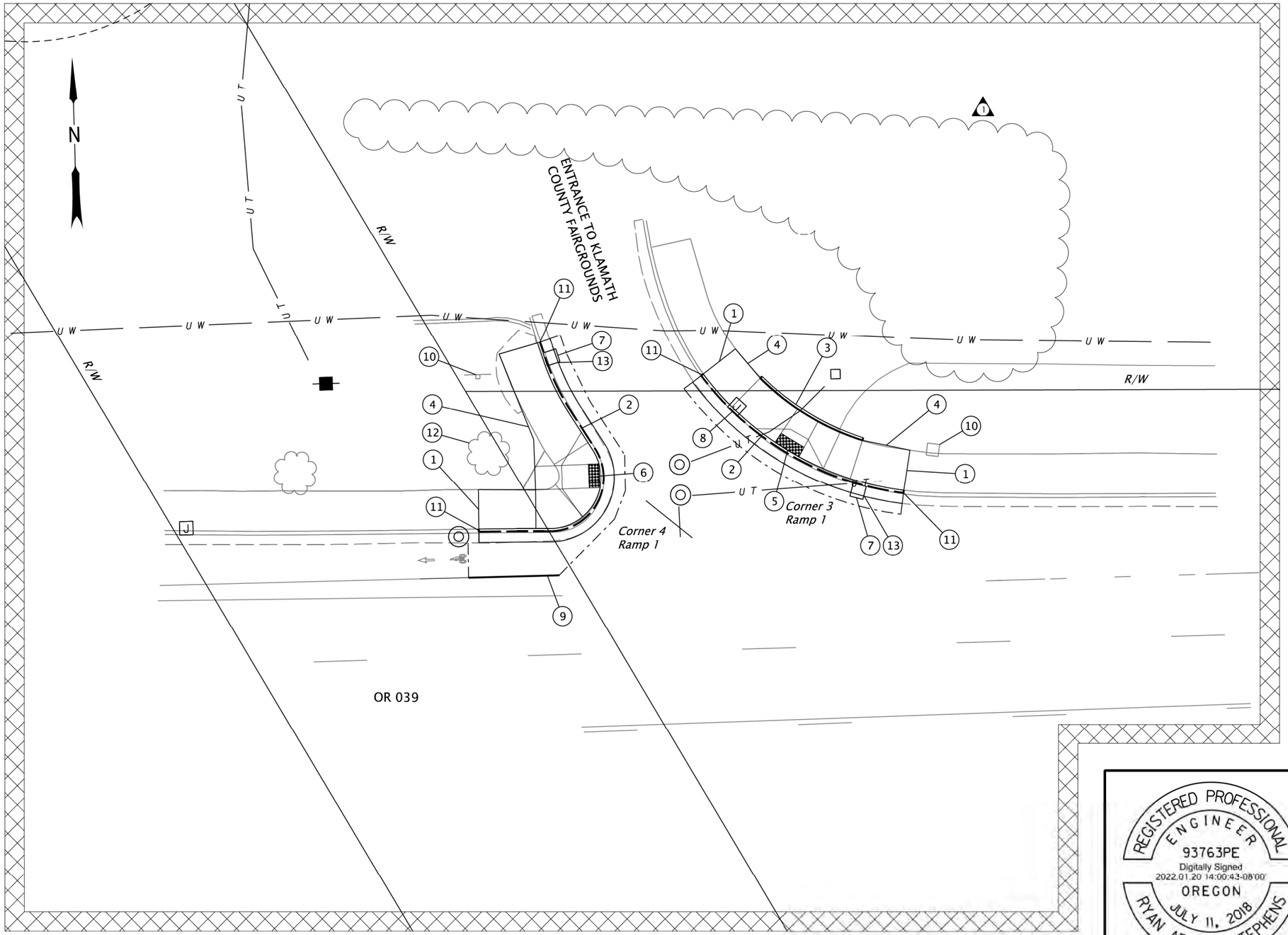
GENERAL CONSTRUCTION | SHEET NO. C506

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

OR 039: M.P. 2.52 TO M.P. 5.16

55V-026

ALTAMONT SITE 7



1. Connect to extg. walk
2. Const. conc. curb and gutter
3. Const. standard curb
4. Const. PCC sidewalk
5. Const. curb ramp, parallel
   Inst. safety yellow truncated domes on new surface - 10.2 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC519)
6. Const. curb ramp, perpendicular
   Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC520)
7. Adjust inlet
   (For details, see sht. BA02)
   Inst. inlet protection - Type 3
8. Adjust utility box
9. Inst. 8" white line
10. Preserve & protect extg. sign
11. Connect to extg. curb
12. Preserve & protect extg. tree
13. Const. gutter transition

Right-of-Way delays or access delays (See 00180.65)

20 10 0 20
FEET

No.	DATE	REVISIONS	BY
1	01-20-22	Removed TCE	R.A.S.

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2022.01.20 14:00:43-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

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KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

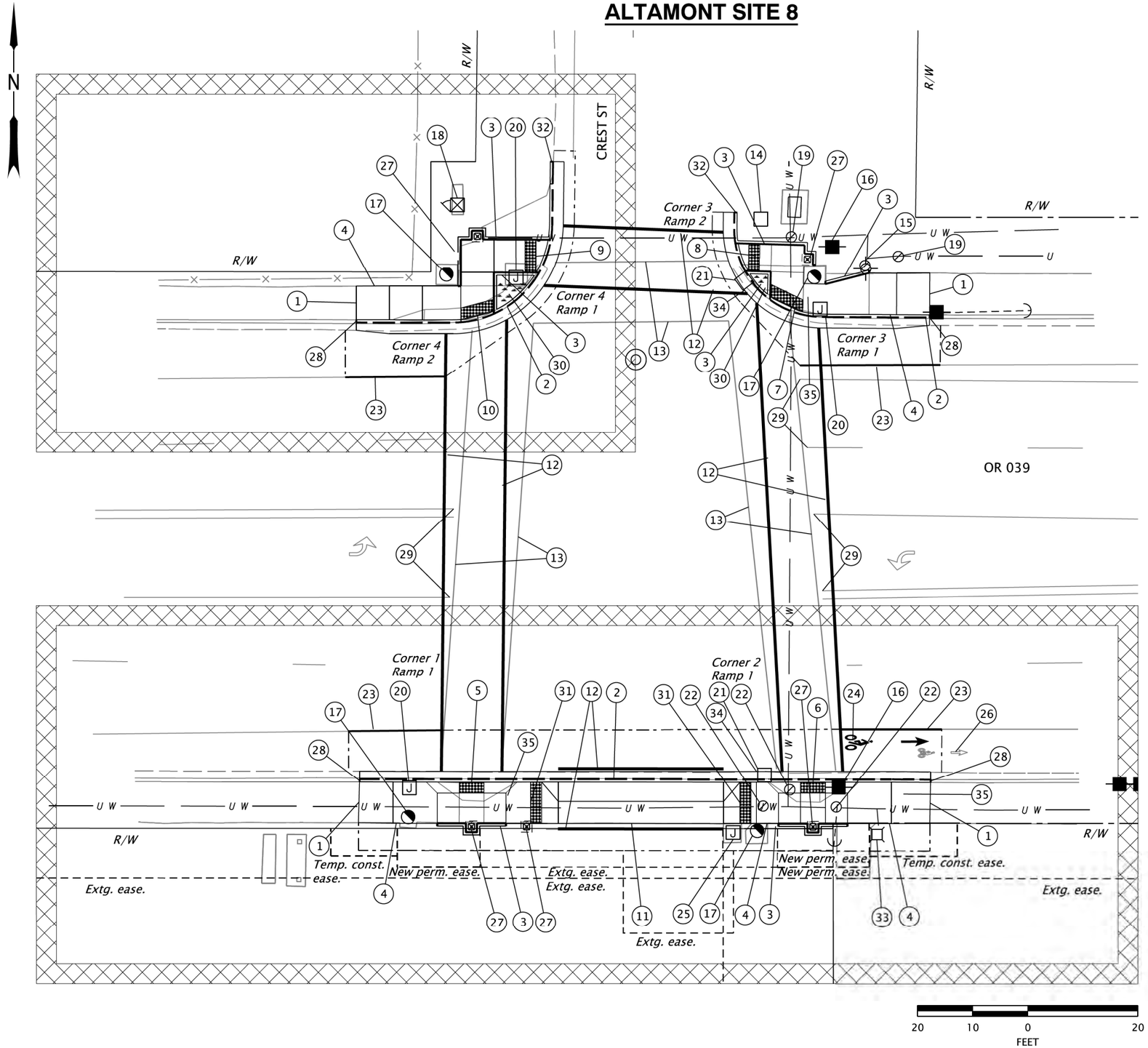
Designer: Ryan Stephens | Reviewer: Dave Simmons
Drafter: Ryan Stephens | Checker: Stan Petroff

GENERAL CONSTRUCTION | SHEET NO. C507

OR 039: M.P. 2.52 TO M.P. 5.16

55V-026

ALTAMONT SITE 8



1. *Connect to extg. walk*
2. *Const. conc. curb and gutter*
3. *Const. standard curb*
4. *Const. PCC sidewalk*
5. *Const. curb ramp, combination*
   Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC521)
6. *Const. curb ramp, combination*
   Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC522)
7. *Const. curb ramp, blended transition*
   Inst. safety yellow truncated domes on new surface - 12.2 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC523)
8. *Const. curb ramp, perpendicular*
   Inst. safety yellow truncated domes on new surface - 10.0 sq. ft.
   PCC surfacing
   Ramp 2 - SU
   (For details, see sht. BC523)
9. *Const. curb ramp, perpendicular*
   Inst. safety yellow truncated domes on new surface - 11.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC524)
10. *Const. curb ramp, blended transition*
    Inst. safety yellow truncated domes on new surface - 11.4 sq. ft.
    PCC surfacing
    Ramp 2 - SU
    (For details, see sht. BC524)
11. *Construct PCC dwy., option (D)*
    (For details, see sht. BB501)
    (See dwg. nos. RD715 & RD530)
12. *Inst. crosswalk*
13. *Remove crosswalk*
14. *Preserve & protect extg. inlet*
    Inst. inlet protection - Type 3
15. *Preserve & protect extg. hydrant*
16. *Preserve & protect extg. utility pole*
17. *Preserve & protect extg. signal pole*
18. *Preserve & protect extg. signal cabinet*
19. *Preserve & protect extg. valve box*
20. *Adjust utility box*
21. *Adjust inlet*
    (For details, see sht. BA02)
    Inst. inlet protection - Type 3
22. *Relocate extg. water valve box (by others)*
23. *Inst. 8" white line*
24. *Inst. bike lane standard stencil*
25. *Relocate extg. utility box*
26. *Remove extg. bike lane stencil*
27. *Inst. new ped. pole & push button*
28. *Connect to extg. curb*
29. *Remove extg. striping within intended crossing location*
30. *Inst. rock mulch*
31. *Inst. safety yellow truncated domes on new surface - 30 sq. ft.*
32. *Const. curb ending*
    (See dwg. no. RD700)
33. *Adjust water meter box*
34. *Const. gutter transition*
35. *Archaeology monitoring required - 3*

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:40:25-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens | Reviewer: Dave Simmons
Drafter: Ryan Stephens | Checker: Stan Petroff

GENERAL CONSTRUCTION | SHEET NO. C508

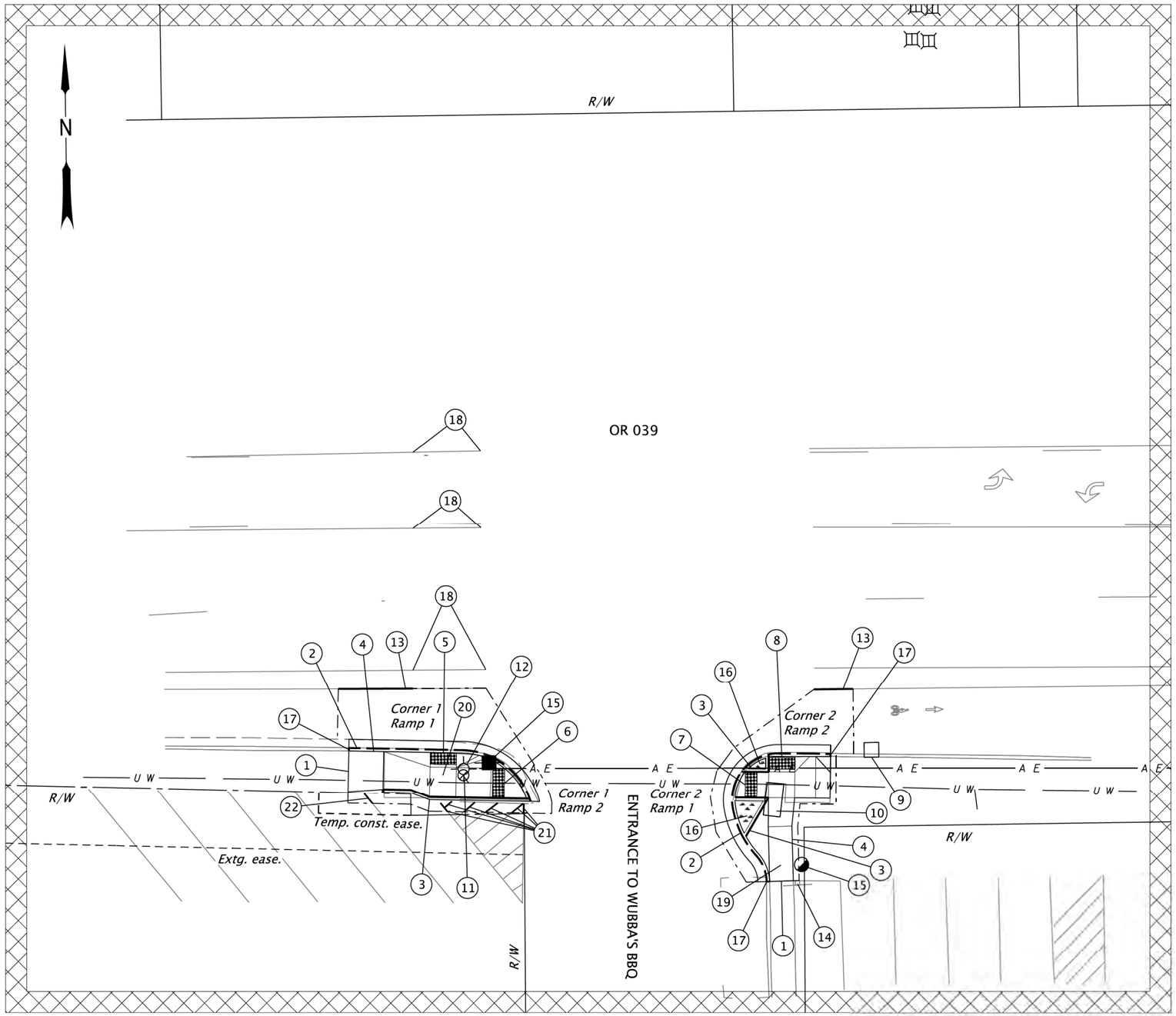
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0.0071° Scale: 1"=20'

OR 039: M.P. 2.52 TO M.P. 5.16

55V-026

ALTAMONT SITE 9



1. Connect to extg. walk
2. Const. conc. curb and gutter
3. Const. standard curb
4. Const. PCC sidewalk
5. Const. curb ramp, combination
   Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC525)
6. Const. curb ramp, blended transition
   Inst. safety yellow truncated domes on new surface - 11.0 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see sht. BC525)
7. Const. curb ramp, blended transition
   Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC526)
8. Const. curb ramp, blended transition
   Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see sht. BC526)
9. Preserve & protect extg. inlet
   Inst. inlet protection - Type 3
10. Relocate extg. water utility vault (by others)
11. Relocate extg. water valve box (by others)
12. Relocate extg. hydrant (by others)
13. Inst. 8" white line
14. Preserve & protect extg. sign
15. Preserve & protect extg. utility pole
16. Inst. rock mulch
17. Connect to extg. curb
18. Remove extg. striping within intended crossing location
19. Adjust relocated water meter box
20. Archaeology monitoring required - 1
21. Inst. 4" white line
22. Inst. 4" yellow line

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 08:59:53-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens | Reviewer: Dave Simmons
Drafter: Ryan Stephens | Checker: Starr Petroff

GENERAL CONSTRUCTION

SHEET NO. C509

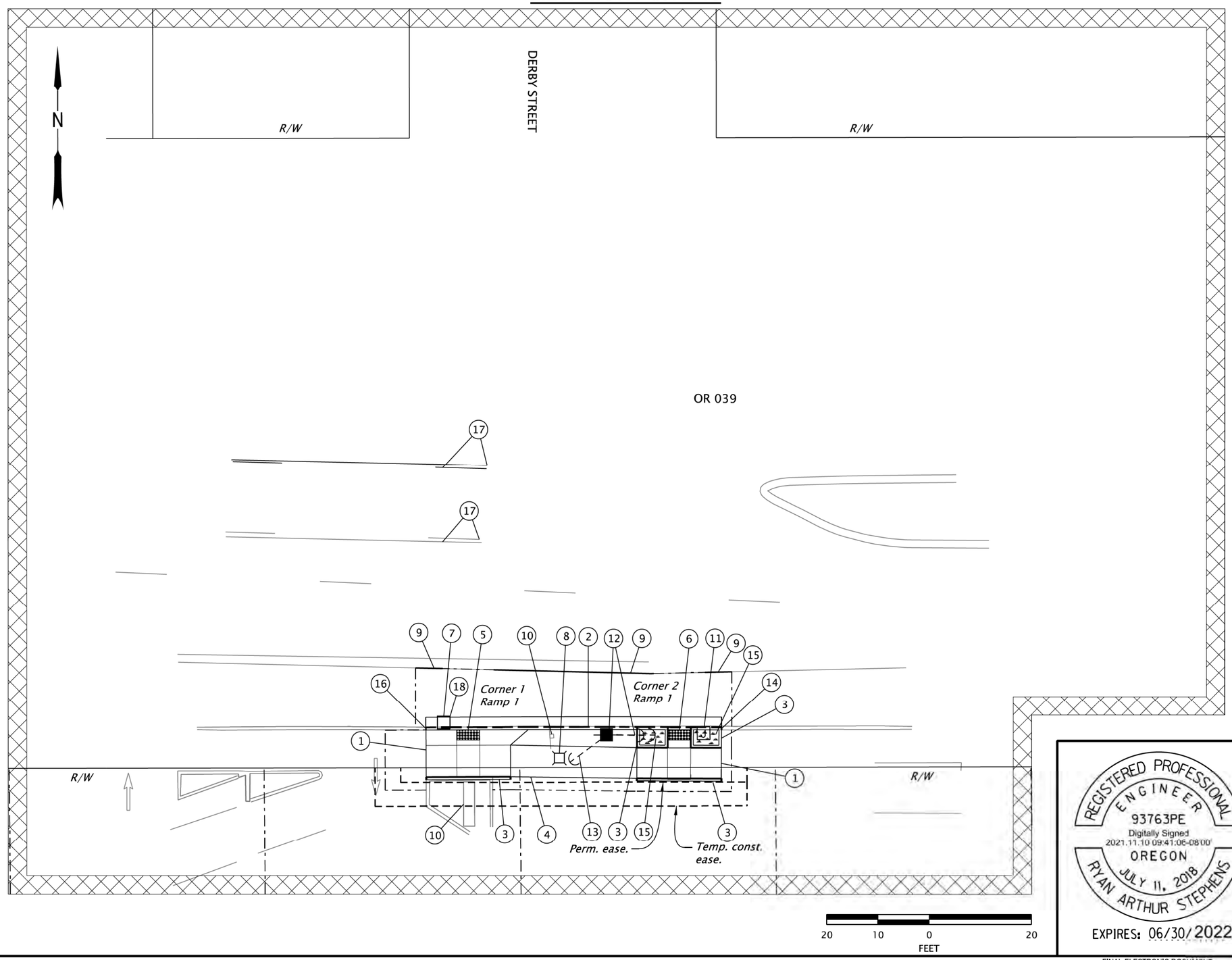
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 359.1448° Scale: 1"=20'

OR 039: M.P. 2.52 TO M.P. 5.16

55V-026

ALTAMONT SITE 10



1. *Connect to extg. walk*
2. *Const. conc. curb and gutter*
3. *Const. standard curb*
4. *Const. PCC sidewalk*
5. *Const. curb ramp, combination*
   Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC527)
6. *Const. curb ramp, combination*
   Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC528)
7. *Adjust inlet*
   Inst. inlet protection - Type 3
8. *Relocate water meter box (by others)*
9. *Inst. 8" white line*
10. *Preserve & protect extg. sign*
11. *Preserve & protect extg. utility box*
12. *Preserve & protect extg. utility pole and guy wires*
13. *Relocate existing guy wire & anchor (by others)*
14. *Connect to extg. curb*
15. *Inst. rock mulch*
16. *Connect to extg. curb transition*
17. *Remove extg. striping within intended crossing location*
18. *Const. gutter transition*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:41:06-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens | Reviewer: Dave Simmons
Drafter: Ryan Stephens | Checker: Stan Petroff

GENERAL CONSTRUCTION

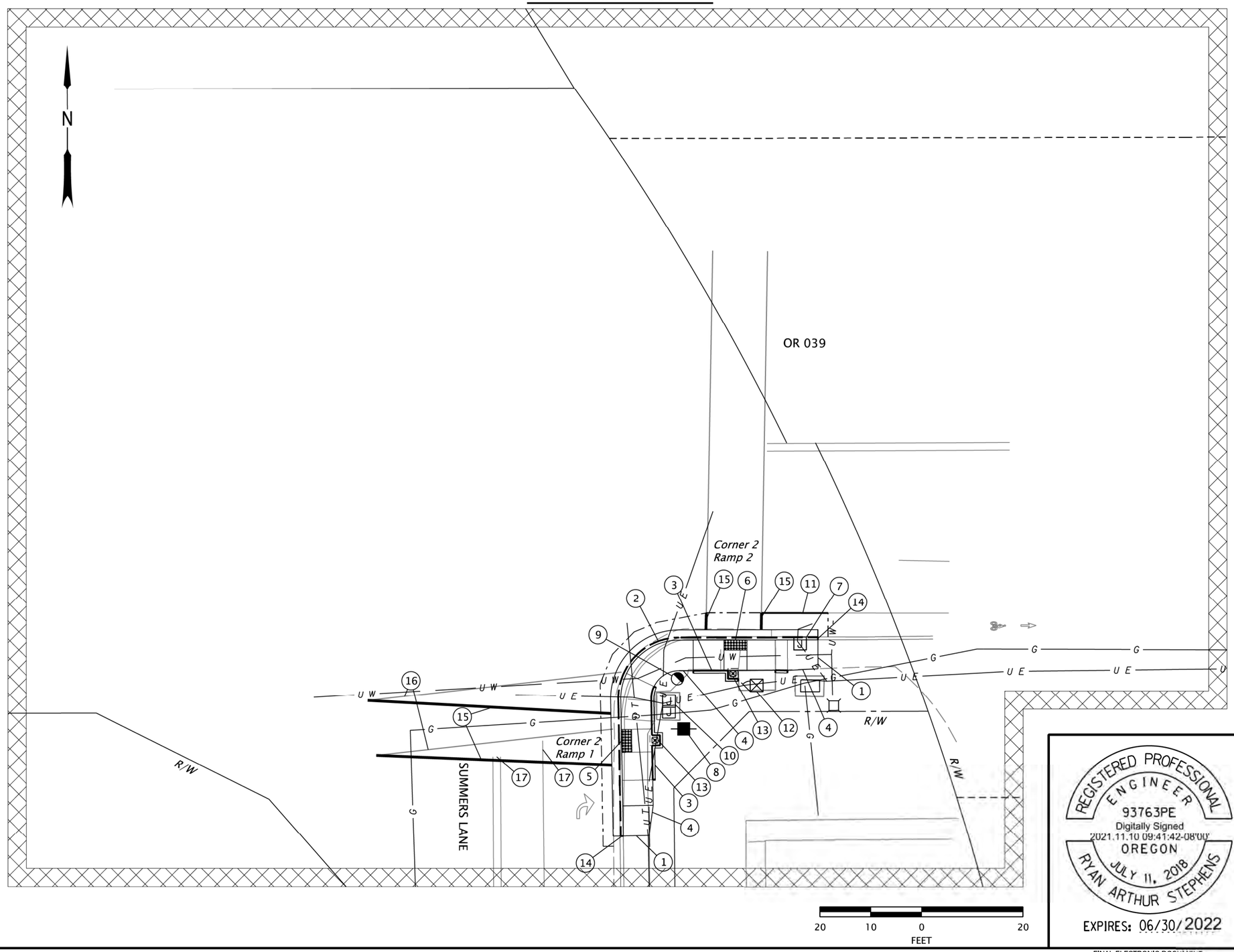
SHEET NO. C510

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

OR 039: M.P. 2.52 TO M.P. 5.16

55V-026

ALTAMONT SITE 11



1. *Connect to extg. walk*
2. *Const. conc. curb and gutter*
3. *Const. standard curb*
4. *Const. PCC sidewalk*
5. *Const. curb ramp, parallel*
   Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC529)
6. *Const. curb ramp, parallel*
   Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 2 - SU
   (For details, see sht. BC529)
7. *Adjust utility box*
8. *Preserve & protect extg. utility pole*
9. *Preserve & protect extg. signal pole*
10. *Relocate utility box*
11. *Inst. 8" white line*
12. *Preserve & protect extg. signal cabinet*
13. *Inst. new ped. pole & push button*
14. *Connect to extg. curb*
15. *Inst. crosswalk*
16. *Remove extg. crosswalk*
17. *Remove extg. striping within intended crossing location*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:41:42-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

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KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens | Reviewer: Dave Simmons
Drafter: Ryan Stephens | Checker: Stan Petroff

GENERAL CONSTRUCTION

SHEET NO. C511

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

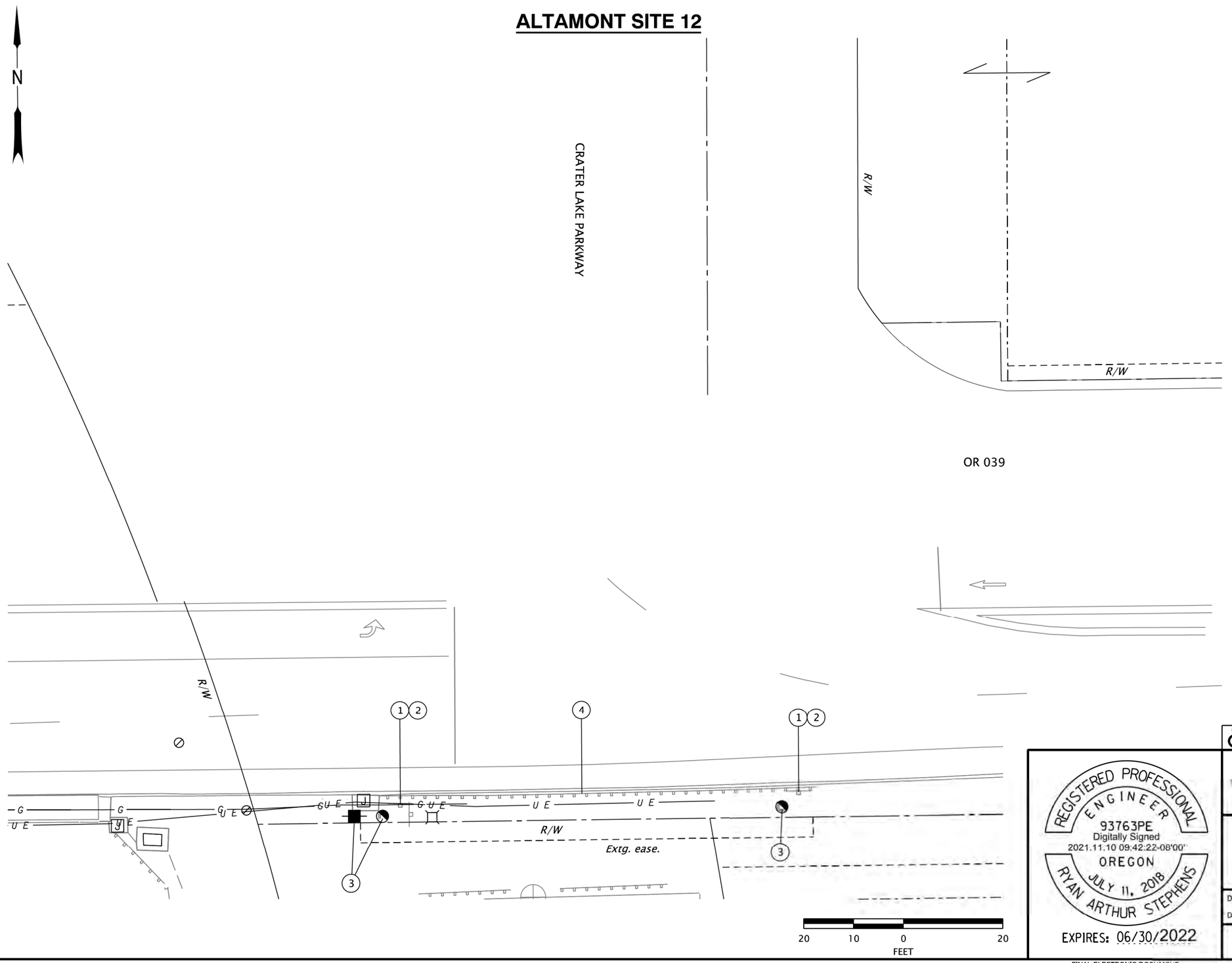
Rotation: 359.848° Scale: 1"=20'

OR 039: M.P. 2.52 TO M.P. 5.16

55V-026

ALTAMONT SITE 12

1. Remove extg. Crosswalk Closed sign
2. Inst. crosswalk closed sign OR22-7 on crosswalk closure support (See dwg. no. TM240)
3. Preserve & protect extg. utility pole
4. Preserve & protect extg. guardrail



ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:42:22-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens	Reviewer: Dave Simmons
Drafter: Ryan Stephens	Checker: Stan Petroff

GENERAL CONSTRUCTION — SHEET NO. C512

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

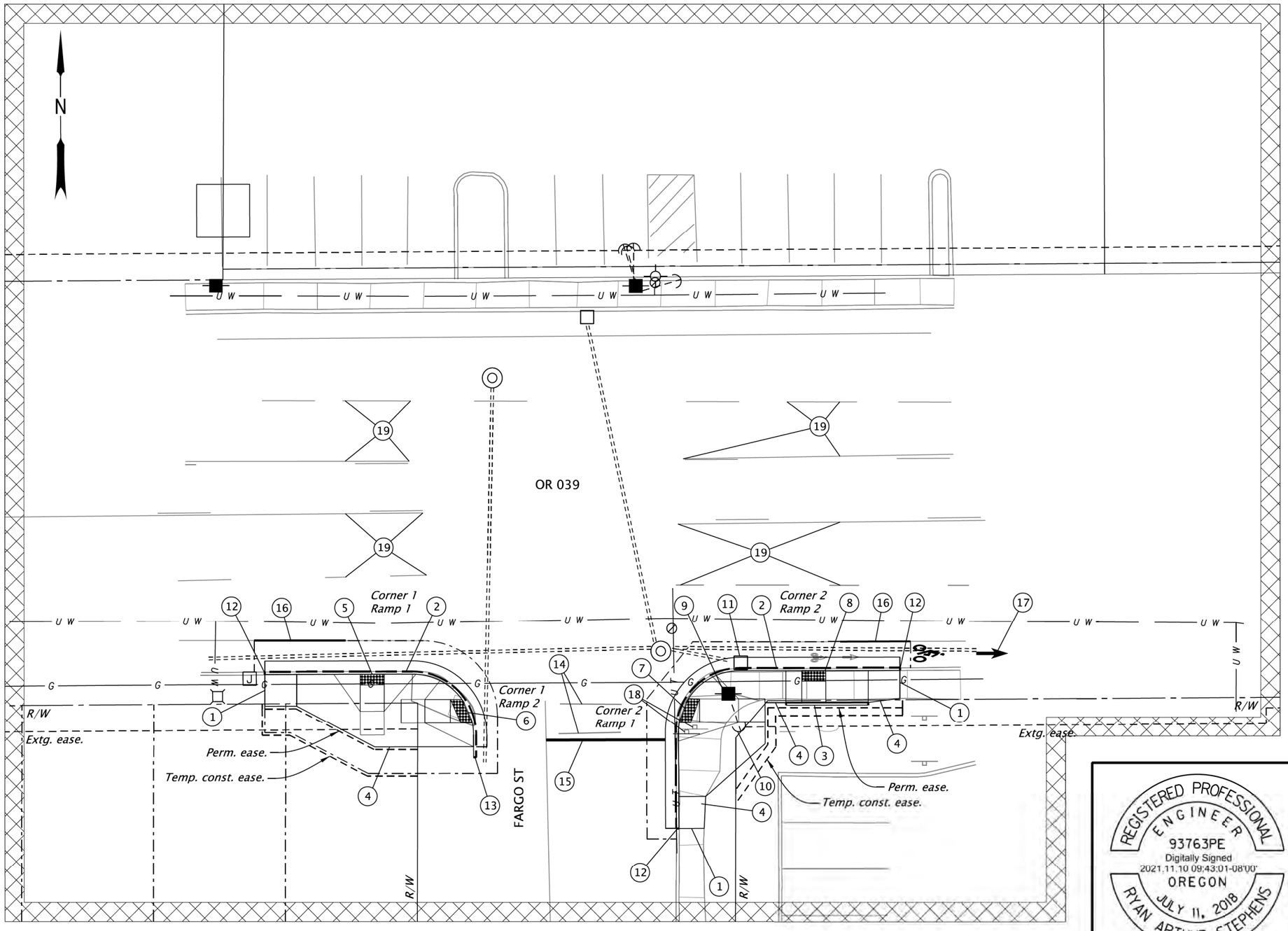
C512_12_ALTAMONT - Site 12 - OR 39 @ HWY 050 MP 3.24 :: Default 10/7/2021 4:17:50 PM sashe

Rotation: 359.4911° Scale: 1"=20'

OR 039: M.P. 2.52 TO M.P. 5.61

55V-026

ALTAMONT SITE 13



1. *Connect to extg. walk*
2. *Const. conc. curb and gutter*
3. *Const. standard curb*
4. *Const. PCC sidewalk*
5. *Const. curb ramp, perpendicular*
   Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC530)
6. *Const. curb ramp, perpendicular*
   Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see sht. BC530)
7. *Const. curb ramp, perpendicular*
   Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC531)
8. *Const. curb ramp, parallel*
   Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see sht. BC531)
9. *Preserve & protect extg. utility pole*
10. *Preserve & protect extg. guy wire*
11. *Adjust inlet*
    Inst. inlet protection - Type 3
    Const. gutter transition
12. *Connect to extg. curb*
13. *Const. curb ending*
14. *Remove extg. stop bar*
15. *Inst. stop bar*
16. *Inst. 8" white line*
17. *Inst. bike lane standard stencil*
18. *Remove & reinstall sign on new PSST support*
19. *Remove extg. striping within intended crossing location*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:43:01-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Steven Ashe | Reviewer: Dave Simmons
Drafter: Steven Ashe | Checker: Stan Petroff

GENERAL CONSTRUCTION | SHEET NO. C513

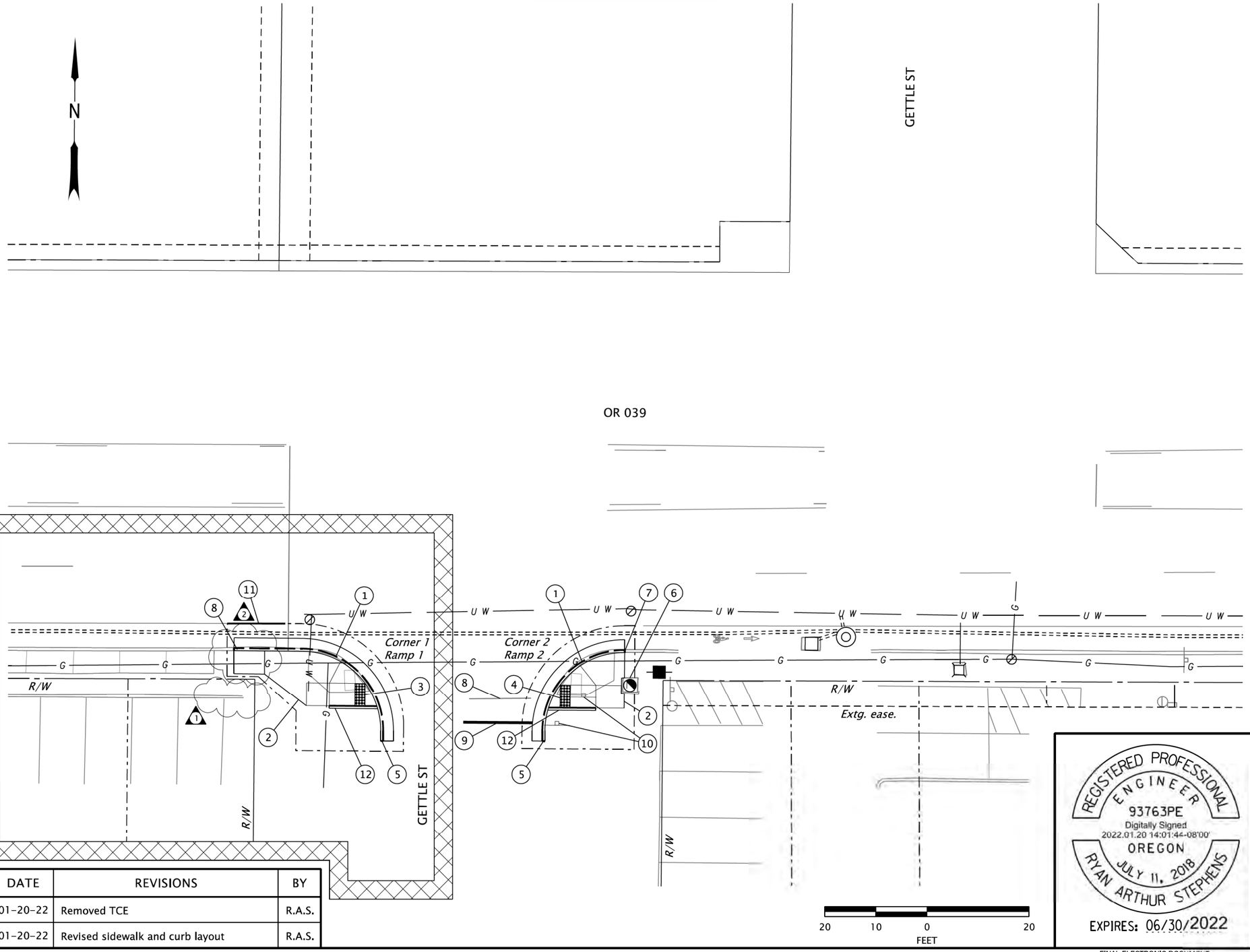
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 359.8911° Scale: 1"=20'

OR 039: M.P. 2.52 TO M.P. 5.61

55V-026

ALTAMONT SITE 14



1. Const. conc. curb and gutter
2. Const. PCC sidewalk
3. Const. curb ramp, perpendicular
   Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC532)
4. Const. curb ramp, perpendicular
   Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC533)
5. Const. curb ending
6. Preserve & protect extg. signal pole
7. Connect to extg. curb
8. Remove extg. stop bar
9. Inst. stop bar
10. Remove & reinstall sign on new PSST support
11. Inst. 8" white line
12. Inst. standard curb

Right-of-Way delays or access delays (See 00180.65)

No.	DATE	REVISIONS	BY
1	01-20-22	Removed TCE	R.A.S.
2	01-20-22	Revised sidewalk and curb layout	R.A.S.

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2022.01.20 14:01:44-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Steven Ashe | Reviewer: Dave Simmons
Drafter: Steven Ashe | Checker: Sten Petroff

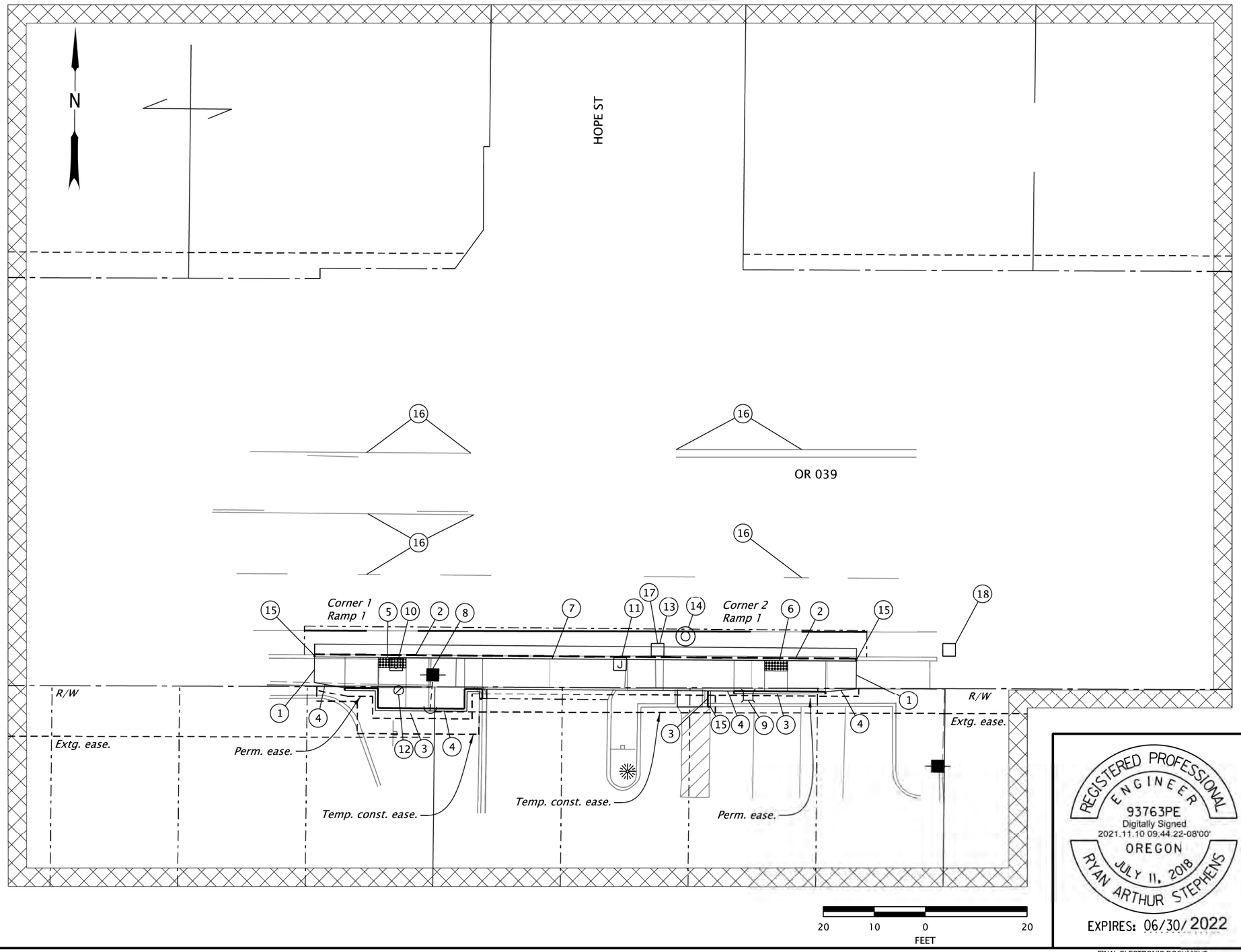
GENERAL CONSTRUCTION

SHEET NO. C514

OR 039: M.P. 2.52 TO M.P. 5.61

55V-026

ALTAMONT SITE 15



1. *Connect to extg. walk*
2. *Const. conc. curb and gutter*
3. *Const. standard curb*
4. *Const. PCC sidewalk*
5. *Const. curb ramp, Parallel*
   Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC534)
6. *Const. curb ramp, Parallel*
   Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC535)
7. *Const. PCC dwy., option (G)*
   (For details see sht. BB502)
8. *Preserve & protect extg. utility pole and anchor*
9. *Adjust water meter box (by others)*
10. *Relocate extg. utility box*
11. *Adjust utility box*
12. *Adjust gas valve (by others)*
13. *Adjust inlet*
    Inst. inlet protection - Type 3
14. *Minor adjust manhole*
15. *Connect to extg. curb*
16. *Remove extg. striping within intended crossing location*
17. *Const. gutter transition*
18. *Inst. inlet protection - Type 3*

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:44:22-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

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KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Steven Ashe	Reviewer: Dave Simmons
Drafter: Steven Ashe	Checker: Stan Petroff

GENERAL CONSTRUCTION — SHEET NO. C515

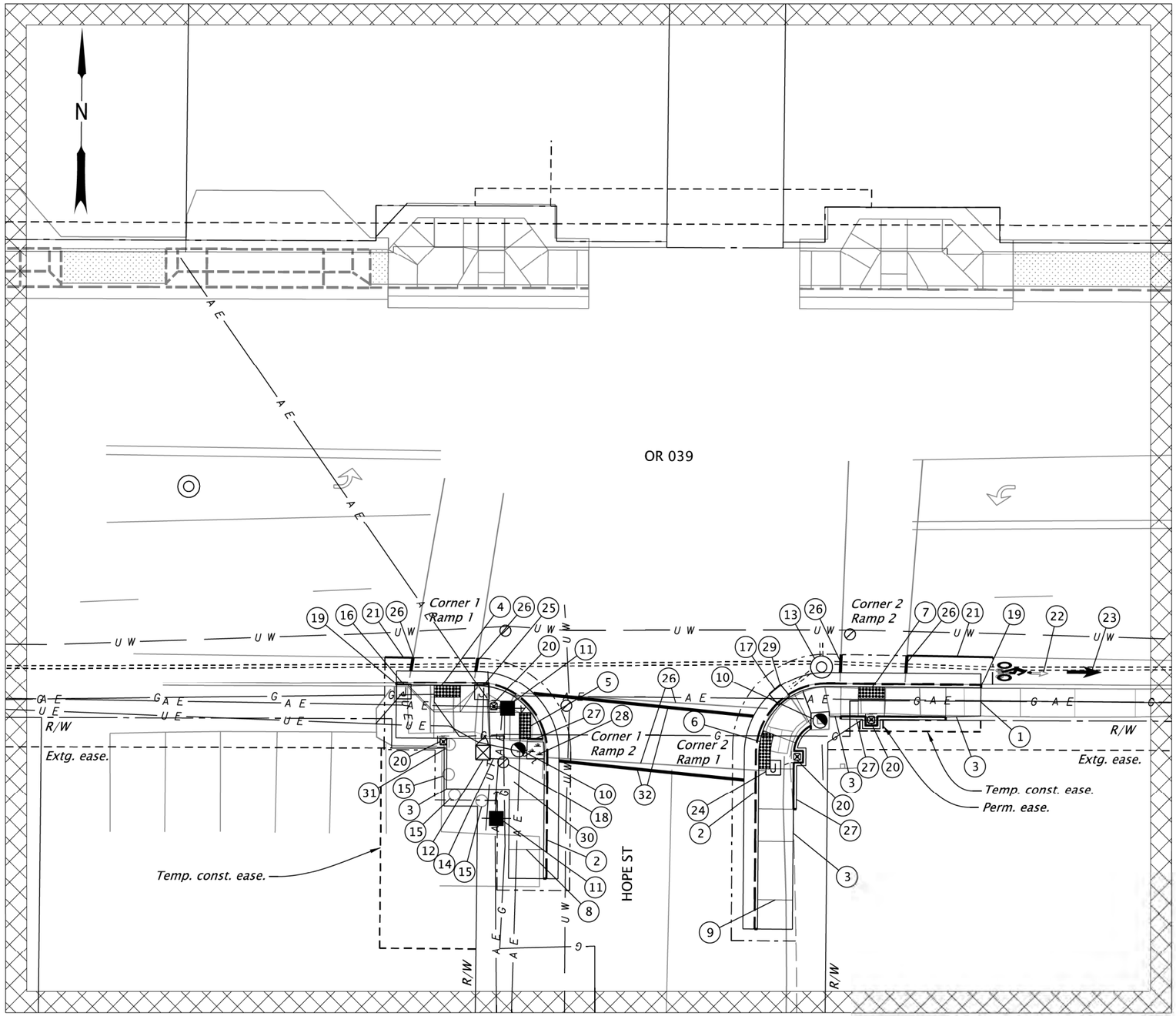
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0.4551° Scale: 1"=20'

OR 039: M.P. 2.52 TO M.P. 5.61

55V-026

ALTAMONT SITE 16



1. *Connect to extg. walk*
2. *Const. conc. curb and gutter*
3. *Const. PCC sidewalk*
4. *Const. curb ramp, perpendicular*
   Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC536)
5. *Const. curb ramp, perpendicular*
   Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 2 - SU
   (For details, see sht. BC536)
6. *Const. curb ramp, parallel*
   Inst. safety yellow truncated domes on new surface - 12.5 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC537)
7. *Const. curb ramp, parallel*
   Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 2 - SU
   (For details, see sht. BC537)
8. *Const. curb ramp, end of walk*
   PCC surfacing
   (For details, see sht. BC536)
9. *Const. curb ramp, end of walk*
   PCC surfacing
   (For details, see sht. BC537)
10. *Preserve & protect extg. signal pole*
11. *Preserve & protect extg. utility pole*
12. *Preserve & protect extg. signal cabinet*
13. *Preserve & protect extg. manhole*
14. *Preserve & protect extg. utility vault*
15. *Preserve & protect extg. bollard*
16. *Adjust utility box*
17. *Adjust inlet*
    Inst. inlet protection - Type 3
18. *Adjust gas valve (by others)*
19. *Connect to extg. curb*
20. *Inst. new ped. push button*
21. *Inst. 8" white line*
22. *Remove extg. bike stencil*
23. *Inst. bike lane standard stencil*
24. *Utility box to be removed - see signal plans*
25. *Utility box to be replaced - see signal plans*
26. *Inst. crosswalk*
27. *Const. standard curb*
28. *Inst. rock mulch*
29. *Const. gutter transition*
30. *Archaeology monitoring required - 1*
31. *Remove extg. bollard*
32. *Remove extg. crosswalk*

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:45:01-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

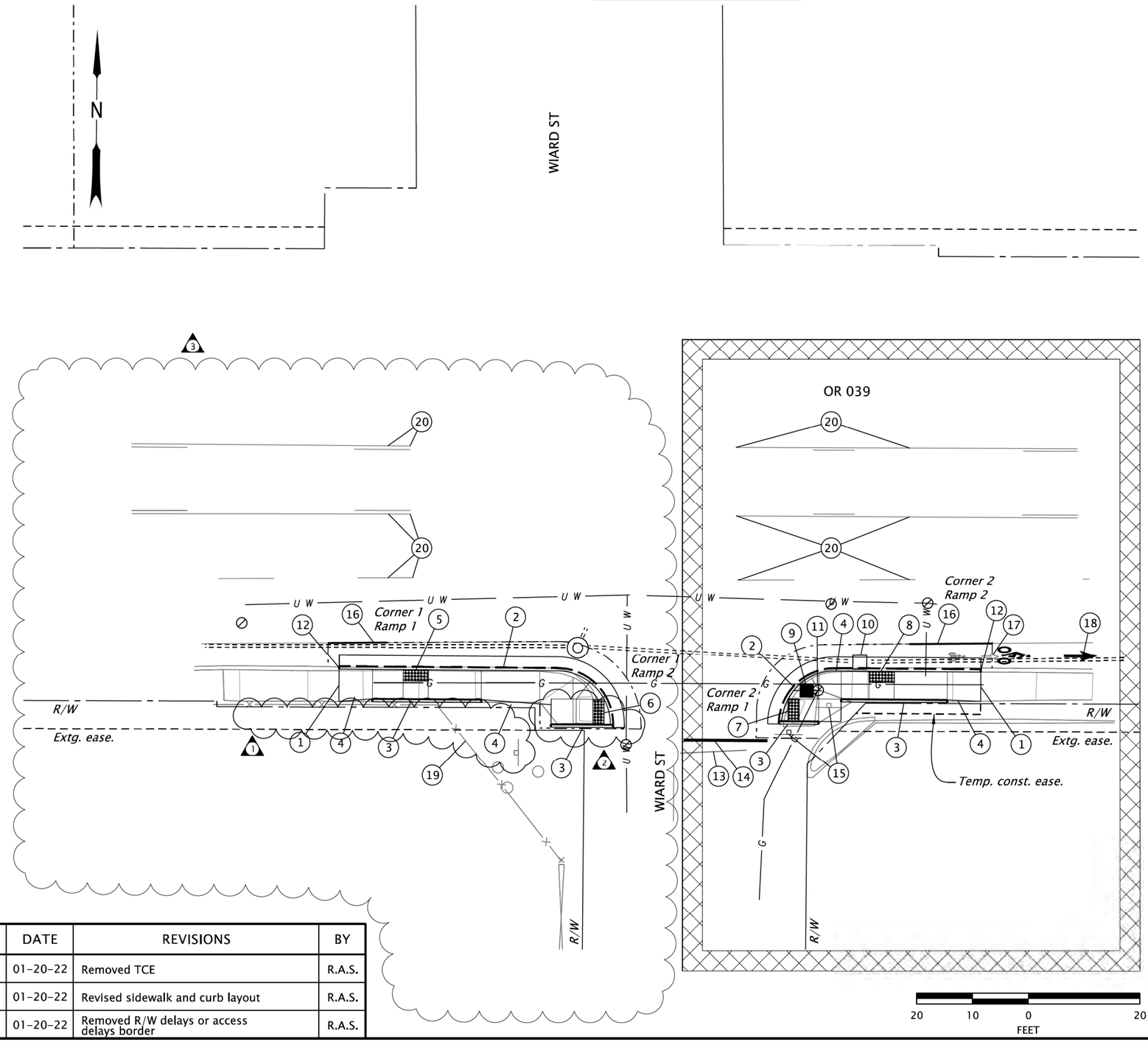
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Steven Ashe	Reviewer: Dave Simmons
Drafter: Steven Ashe	Checker: Stan Petroff

GENERAL CONSTRUCTION — SHEET NO. C516

OR 039: M.P. 2.52 TO M.P. 5.61

ALTAMONT SITE 17



1. *Connect to extg. walk*
2. *Const. conc. curb and gutter*
3. *Const. standard curb*
4. *Const. PCC sidewalk*
5. *Const. curb ramp, parallel*
   Inst. safety yellow trucated dones on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC538)
6. *Const. curb ramp, perpendicular*
   Inst. safety yellow trucated domes on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see sht. BC538)
7. *Const. curb ramp, perpendicular*
   Inst. safety yellow trucated domes on new surface - 8.0 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC539)
8. *Const. curb ramp, parallel*
   Inst. safety yellow trucated dones on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see sht. BC539)
9. *Preserve & protect extg. utility pole*
10. *Adjust inlet*
    Inst. inlet protection - Type 3
    Const. gutter transition
11. *Adjust gas valve (by others)*
12. *Connect to extg. curb*
13. *Remove extg. stop bar*
14. *Inst. stop bar*
15. *Remove & reinstall sign on new PSST support*
16. *Inst. 8" white line*
17. *Remove extg. bike stencil*
18. *Inst. bike lane standard stencil*
19. *Preserve & protect extg. fence*
20. *Remove extg. striping within intended crossing location*

Right-of-Way delays or access delays (See 00180.65)

No.	DATE	REVISIONS	BY
1	01-20-22	Removed TCE	R.A.S.
2	01-20-22	Revised sidewalk and curb layout	R.A.S.
3	01-20-22	Removed R/W delays or access delays border	R.A.S.

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2022.01.20 14:02:35-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Steven Ashe | Reviewer: Dave Simmons
Drafter: Steven Ashe | Checker: Stan Petroff

GENERAL CONSTRUCTION

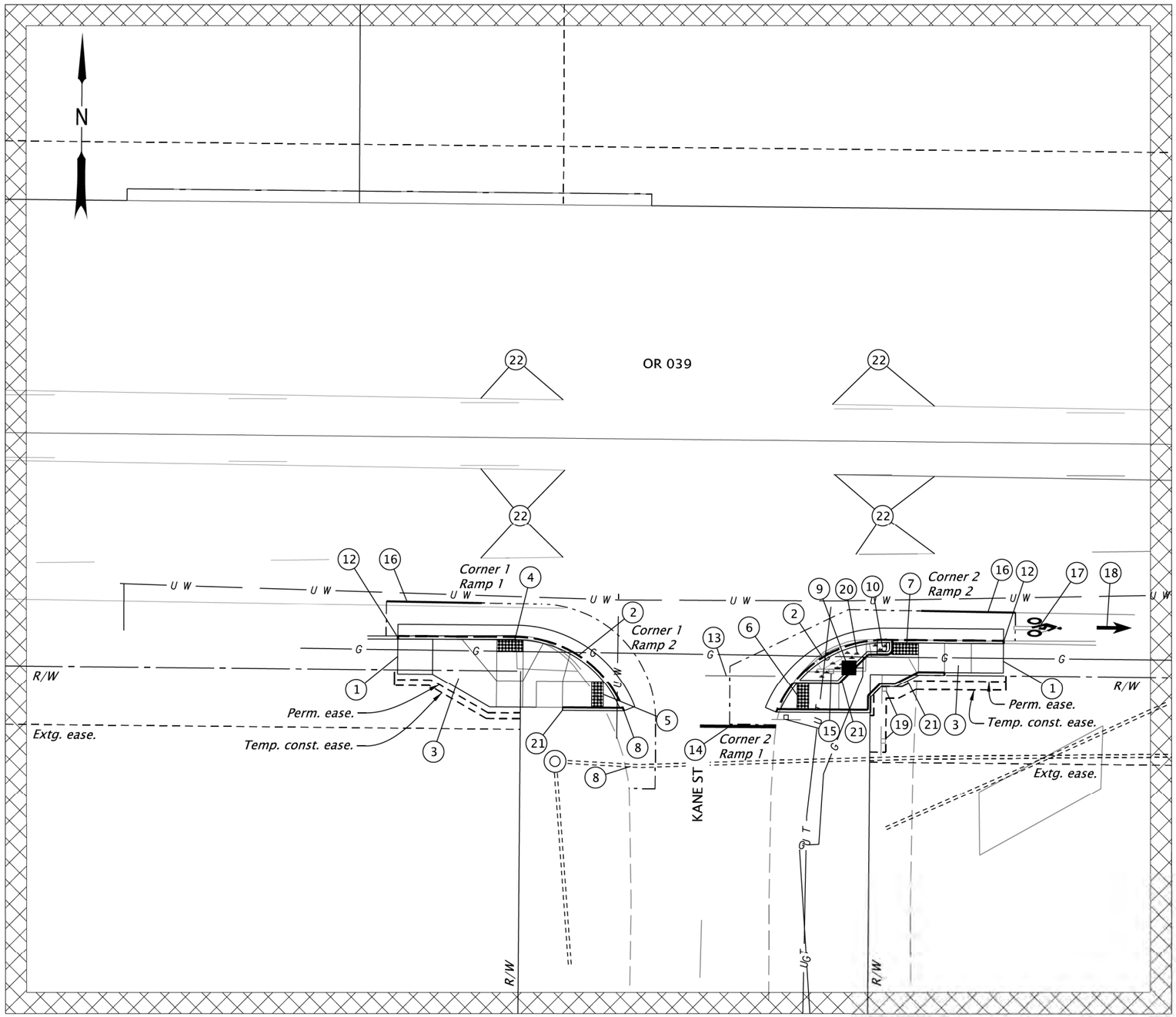
SHEET NO. C517

Rotation: 0.4551° Scale: 1"=20'

OR 039: 2.52 TO M.P. 5.61

55V-026

ALTAMONT SITE 18



1. Connect to extg. walk
2. Const. conc. curb and gutter
3. Const. PCC sidewalk
4. Const. curb ramp, perpendicular
   Inst. Safety yellow truncated domes on new surface – 9.0 sq. ft.
   PCC surfacing
   Ramp 1 – SY
   (For details, see sht. BC540)
5. Const. curb ramp, perpendicular
   Inst. Safety yellow truncated domes on new surface – 9.0 sq. ft.
   PCC surfacing
   Ramp 2 – SY
   (For details, see sht. BC540)
6. Const. curb ramp, perpendicular
   Inst. Safety yellow truncated domes on new surface – 9.0 sq. ft.
   PCC surfacing
   Ramp 1 – SY
   (For details, see sht. BC541)
7. Const. curb ramp, unique
   Inst. Safety yellow truncated domes on new surface – 9.0 sq. ft.
   PCC surfacing
   Ramp 2 – SY
   (For details, see sht. BC541)
8. Const. curb ending
9. Preserve & protect extg. power pole
10. Adjust utility box
11. Not used
12. Connect to extg. curb
13. Remove extg. stop bar
14. Inst. stop bar
15. Relocate sign on new PSST support
16. Inst. 8" white line
17. Remove extg. bike stencil
18. Inst. bike lane standard stencil
19. Preserve & protect extg. sign
20. Inst. rock mulch
21. Const. standard curb
22. Remove extg. striping within intended crossing location

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:46:15-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Steven Ashe	Reviewer: Dave Simmons
Drafter: Steven Ashe	Checker: Stan Petroff

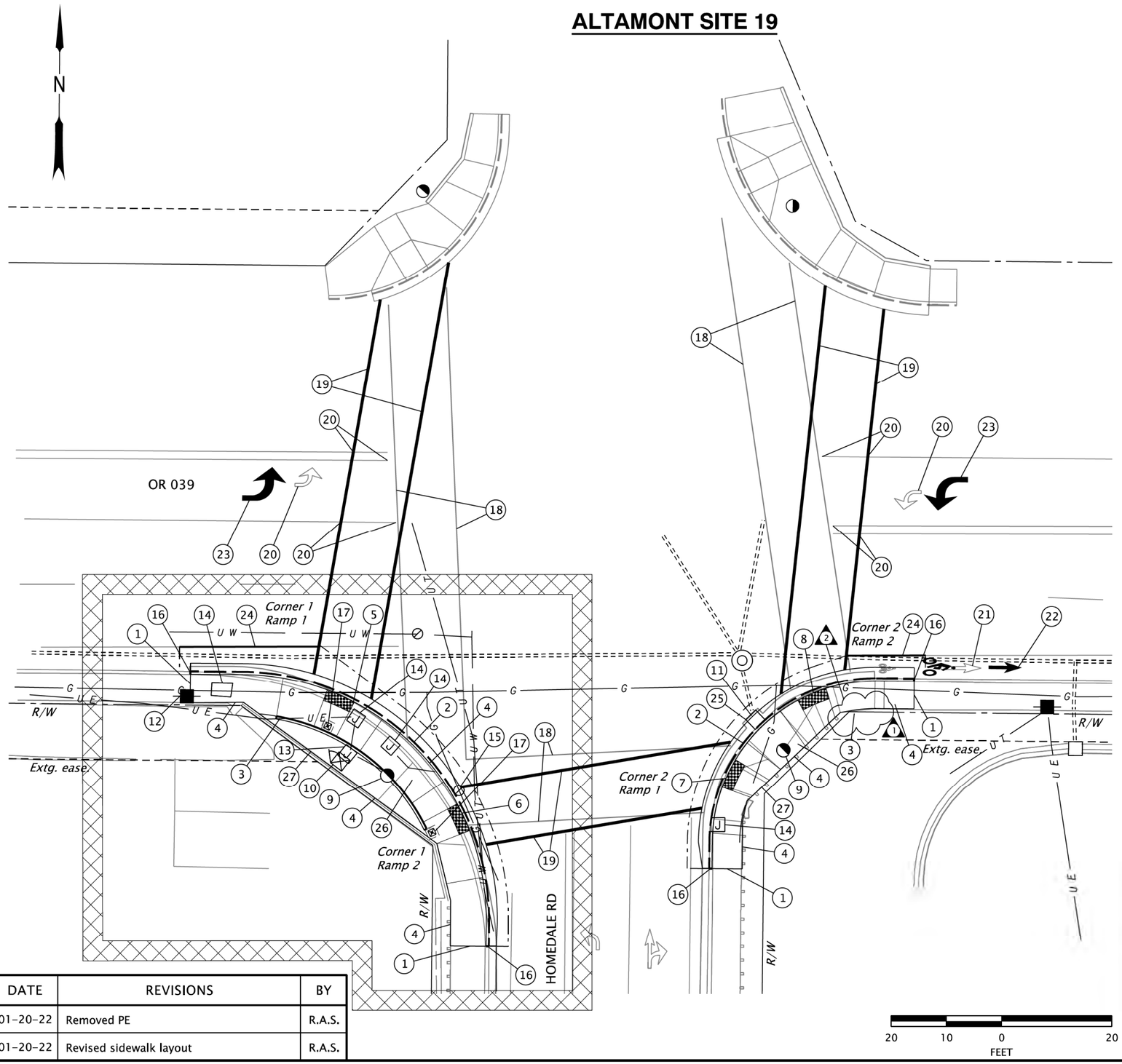
GENERAL CONSTRUCTION SHEET NO. C518

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

OR 039: M.P. 2.52 TO M.P. 5.61

55V-026

ALTAMONT SITE 19



20 10 0 20
FEET

1. *Connect to extg. walk*
2. *Const. conc. curb and gutter*
3. *Const. standard curb*
4. *Const. P.C. conc. sidewalk*
5. *Const. curb ramp, parallel*
   Inst. safety yellow truncated domes on new surface - 10.4 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see shts. BC542)
6. *Const. curb ramp, parallel*
   Inst. safety yellow truncated domes on new surface - 10.4 sq. ft.
   PCC surfacing
   Ramp 2 - SU
   (For details, see shts. BC542)
7. *Const. curb ramp, parallel*
   Inst. safety yellow truncated domes on new surface - 10.7 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see shts. BC543)
   (See dwg. no. RD920)
8. *Const. curb ramp, parallel*
   Inst. safety yellow truncated domes on new surface - 10.7 sq. ft.
   PCC surfacing
   Ramp 2 - SU
   (For details, see shts. BC543)
   (See dwg. no. RD920)
9. *Preserve & protect extg. signal pole*
10. *Preserve & protect extg. signal cabinet*
11. *Adjust inlet*
    Inst. inlet protection - Type 3
12. *Preserve & protect extg. utility pole*
13. *Preserve & protect extg. utility box*
14. *Adjust utility box*
15. *Adjust gas valve (by others)*
16. *Connect to extg. curb*
17. *Inst. ped. push button*
18. *Remove extg. crosswalk*
19. *Inst. crosswalk*
20. *Remove extg. striping within intended crossing location*
21. *Remove bike lane stencil*
22. *Inst. bike lane standard stencil*
23. *Inst. left turn arrow*
24. *Inst. 8" white line*
25. *Const. gutter transition*
26. *Archaeology monitoring required - 2*
27. *Preserve & protect extg. retaining wall*

Right-of-Way delays or access delays (See 00180.65)

No.	DATE	REVISIONS	BY
1	01-20-22	Removed PE	R.A.S.
2	01-20-22	Revised sidewalk layout	R.A.S.

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2022.01.20 14:03:19-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Steven Ashe | Reviewer: Dave Simmons
Drafter: Steven Ashe | Checker: Stan Petroff

GENERAL CONSTRUCTION

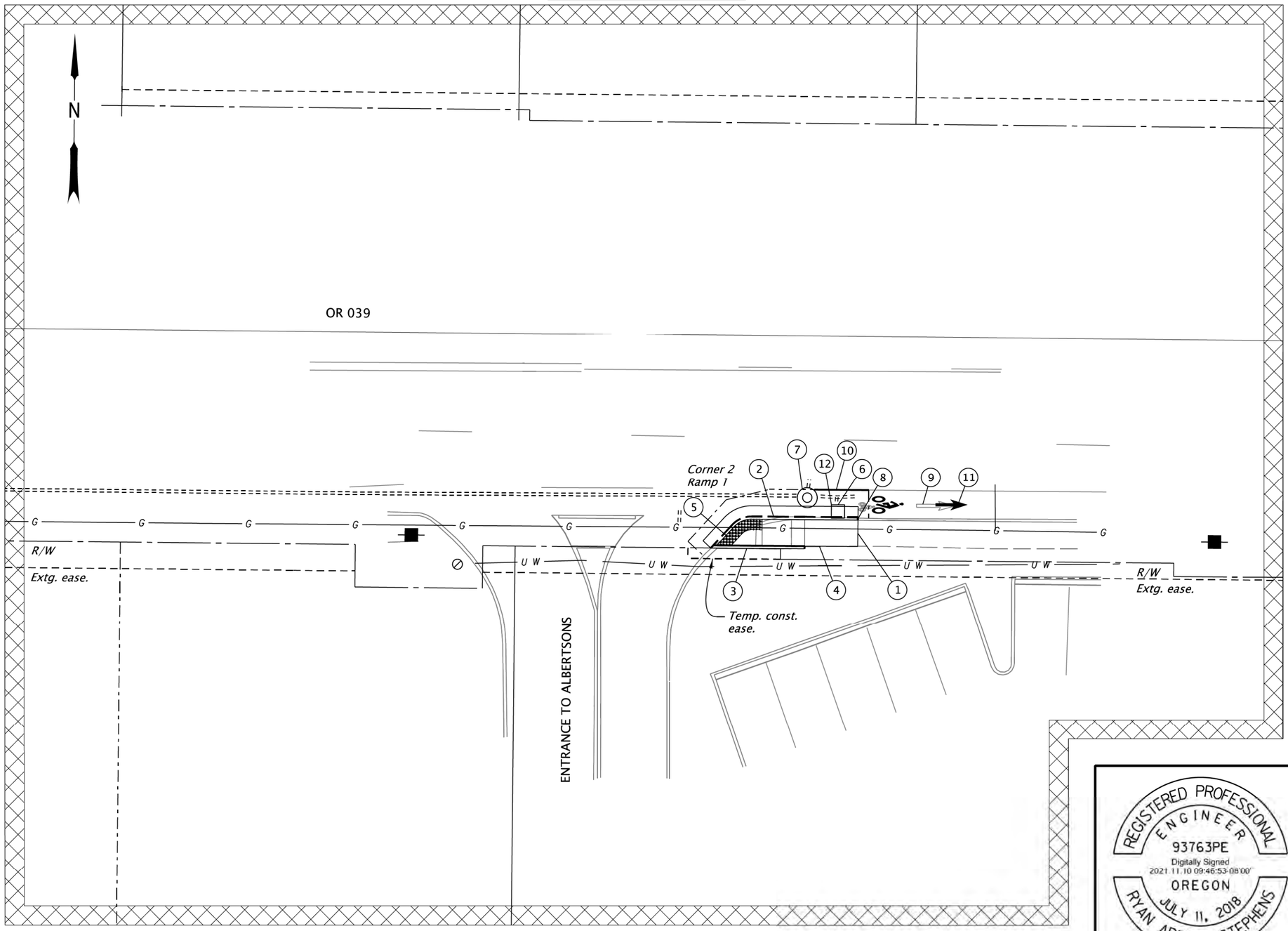
SHEET NO. C519

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

OR 039: M.P. 2.52 TO M.P. 5.61

55V-026

ALTAMONT SITE 20



1. *Connect to extg. walk*
2. *Const. conc. curb and gutter*
3. *Const. standard curb*
4. *Const. PCC sidewalk*
5. *Const. curb ramp, perpendicular*
   Inst. radial safety yellow truncated domes on new surface - 16.3 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC544)
6. *Adjust inlet*
   Inst. inlet protection - Type 3
7. *Preserve & protect extg. manhole*
8. *Connect to extg. curb*
9. *Remove extg. bike lane stencil*
10. *Inst. 8" white line*
11. *Inst. bike lane standard stencil*
12. *Const. gutter transition*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:46:53-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Steven Ashe	Reviewer: Dave Simmons
Drafter: Steven Ashe	Checker: Stan Petroff

GENERAL CONSTRUCTION — SHEET NO. C520

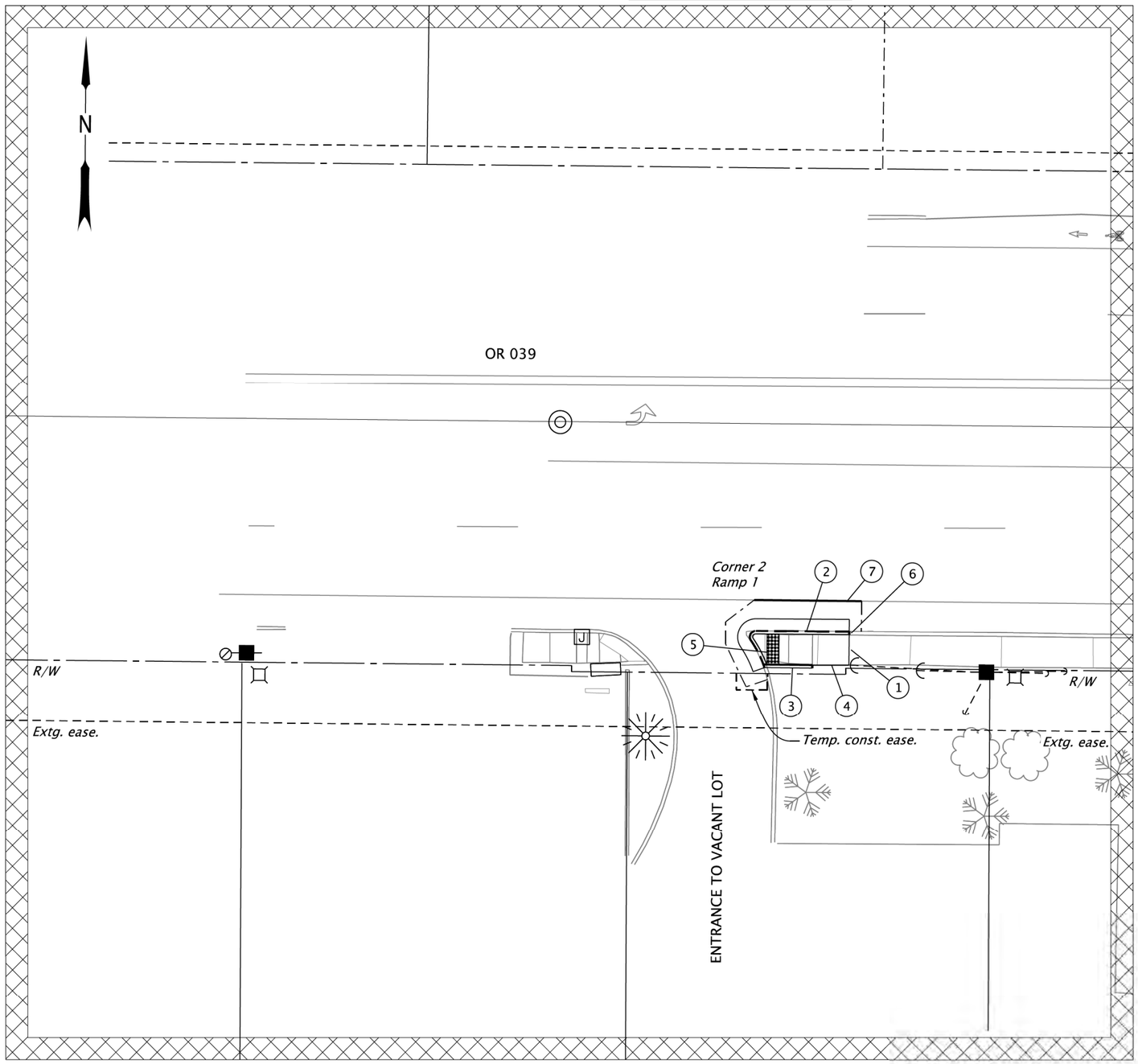
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0.4551° Scale: 1"=20'

OR 039: 2.52 TO M.P. 5.61

55V-026

ALTAMONT SITE 21



1. *Connect to extg. walk*
2. *Const. conc. curb and gutter*
3. *Const. standard curb*
4. *Const. PCC sidewalk*
5. *Const. curb ramp, perpendicular*
   Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC545)
6. *Connect to extg. curb*
7. *Inst. 8" white line*

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:47:26-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Steven Ashe | Reviewer: Dave Simmons
Drafter: Steven Ashe | Checker: Stan Petroff

GENERAL CONSTRUCTION

SHEET NO. C521

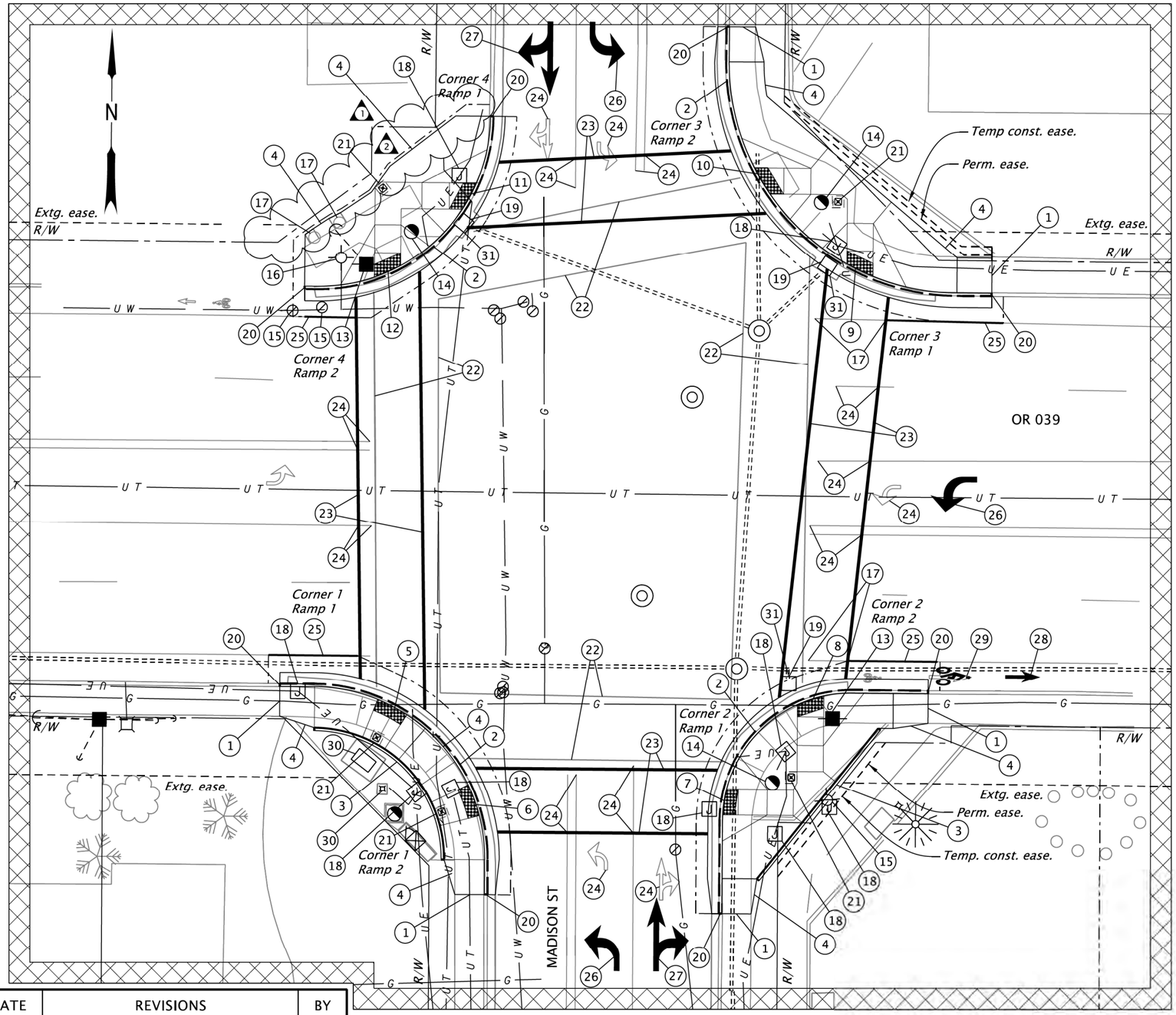
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0.4551° Scale: 1"=20'

OR 039: M.P. 2.52 TO M.P. 5.61

55V-026

ALTAMONT SITE 22



1. Connect to extg. walk
2. Const. conc. curb and gutter
3. Const. standard curb
4. Const. PCC sidewalk
5. Const. curb ramp, parallel
   Inst. radial safety yellow truncated domes on new surface - 10.9 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC546)
6. Const. curb ramp, parallel
   Inst. radial safety yellow truncated domes on new surface - 10.9 sq. ft.
   PCC surfacing
   Ramp 2 - SU
   (For details, see sht. BC546)
7. Const. curb ramp, perpendicular
   Inst. safety yellow truncated domes on new surface - 9.1 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC547)
8. Const. curb ramp, perpendicular
   Inst. safety yellow truncated domes on new surface - 9.5 sq. ft.
   PCC surfacing
   Ramp 2 - SU
   (For details, see sht. BC547)
9. Const. curb ramp, perpendicular
   Inst. safety yellow truncated domes on new surface - 9.9 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC548)
10. Const. curb ramp, perpendicular
    Inst. safety yellow truncated domes on new surface - 10.5 sq. ft.
    PCC surfacing
    Ramp 2 - SU
    (For details, see sht. BC548)
11. Const. curb ramp, perpendicular
    Inst. safety yellow truncated domes on new surface - 10.2 sq. ft.
    PCC surfacing
    Ramp 1 - SU
    (For details, see sht. BC549)
12. Const. curb ramp, perpendicular
    Inst. safety yellow truncated domes on new surface - 9.9 sq. ft.
    PCC surfacing
    Ramp 2 - SU
    (For details, see sht. BC549)
13. Preserve & protect extg. utility pole
14. Preserve & protect extg. signal pole
15. Preserve & protect extg. water valve
16. Preserve & protect extg. fire hydrant
17. Preserve & protect extg. bollard
18. Adjust utility box
19. Adjust inlet
    Inst. inlet protection - Type 3
20. Connect to extg. curb
21. Inst. ped. push button
22. Remove extg. crosswalk
23. Inst. crosswalk
24. Remove extg. striping
25. Inst. 8" white line
26. Inst. left turn arrow
27. Inst. right turn straight arrow
    (See dwg. no. TM501)
28. Inst. bike lane standard stencil
29. Remove extg. bike lane stencil
30. Preserve & protect extg. traffic and power equipment
    (See M shts.)
31. Const. gutter transition

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

No.	DATE	REVISIONS	BY
1	01-20-22	Removed TCE	R.A.S.
2	01-20-22	Revised sawcut	R.A.S.

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2022.01.20 13:58:45-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Steven Ashe | Reviewer: Dave Simmons
Drafter: Steven Ashe | Checker: Stan Petroff

GENERAL CONSTRUCTION | SHEET NO. C522

C522_22_ALTAMONT - Site 22 - OR 39 @ Madison St MP 4.25 :: Default 1/20/2022 1:58:00 PM rstephens

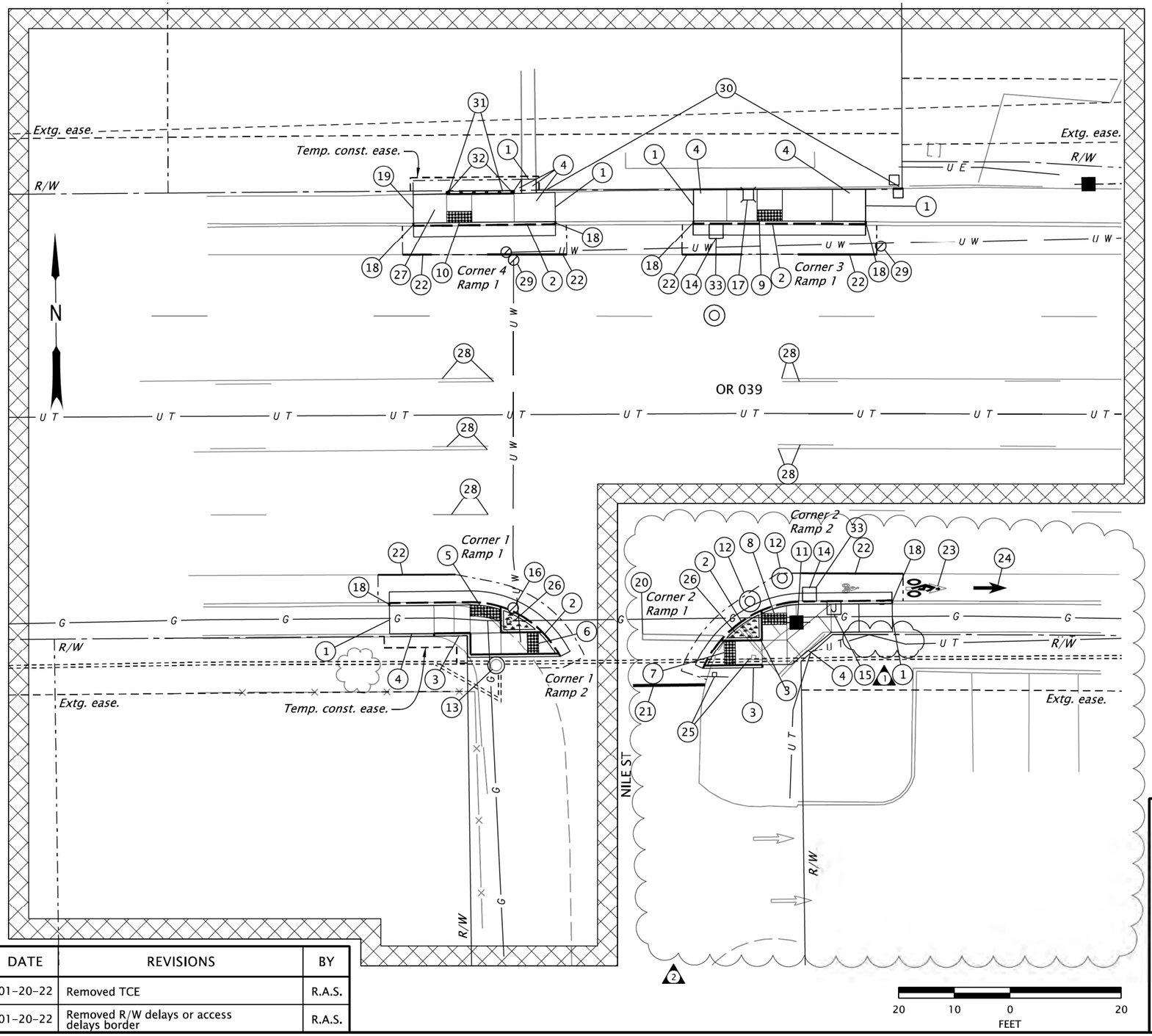
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0.4551° Scale: 1"=20'

OR 039: M.P. 2.52 TO M.P. 5.61

55V-026

ALTAMONT SITE 23



1. Connect to extg. walk
2. Const. conc. curb and gutter
3. Const. standard curb
4. Const. PCC sidewalk
5. Const. curb ramp, unique
   Inst. safety yellow truncated domes on new surface - 11.2 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC550)
6. Const. curb ramp, perpendicular
   Inst. safety yellow truncated domes on new surface - 8.0 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see sht. BC550)
7. Const. curb ramp, perpendicular
   Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC551)
8. Const. curb ramp, perpendicular
   Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see sht. BC551)
9. Const. curb ramp, parallel
   Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC552)
10. Const. curb ramp, parallel
    Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
    PCC surfacing
    Ramp 1 - SY
    (For details, see sht. BC553)
11. Preserve & protect extg. power pole
12. Minor adjust manhole
13. Preserve & protect extg. structure
14. Adjust inlet
    Inst. inlet protection - Type 3
15. Adjust utility box
16. Remove water valve box (by others)
17. Relocate water meter box (by others)
    Adjust relocated water meter box
18. Connect to extg. curb
19. Connect to extg. driveway
20. Remove extg. stop bar
21. Inst. stop bar
22. Inst. 8" white line
23. Remove extg. bike stencil
24. Inst. bike lane standard stencil
25. Remove & reinstall sign on new PSST support
26. Inst. rock mulch
27. DE Control No. 22209-03
    Ramp run and separation
28. Remove extg. striping within intended crossing location
29. Adjust water valve box
    (For details, see dwg. no. RD258 or sht. BA02 as applicable)
30. Preserve & protect extg. brick wall
31. Inst. perm. surface mounted tubular markers
    Socket and screw in mounting
    18" tall, white (6)
32. Const. 12" curb with back exposure
    (For details, see sht. BA01)
33. Const. gutter transition

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

No.	DATE	REVISIONS	BY
1	01-20-22	Removed TCE	R.A.S.
2	01-20-22	Removed R/W delays or access delays border	R.A.S.

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2022.01.20 14:16:23-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Steven Ashe | Reviewer: Dave Simmons
Drafter: Steven Ashe | Checker: Stan Petroff

GENERAL CONSTRUCTION

SHEET NO. C523

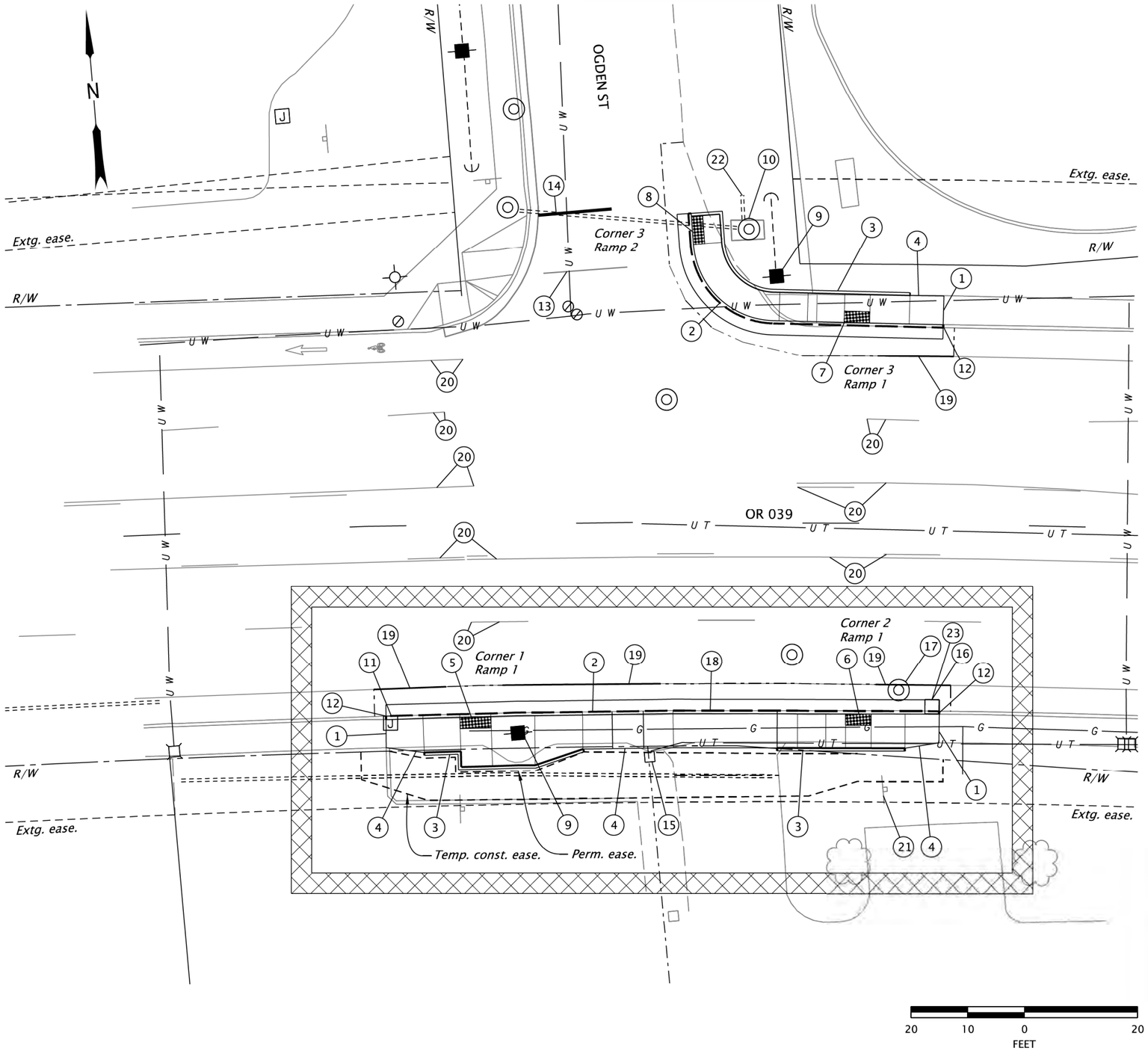
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 359.3763° Scale: 1"=20'

OR 039: M.P. 2.52 TO M.P. 5.61

55V-026

ALTAMONT SITE 24



1. Connect to extg. walk
2. Const. conc. curb and gutter
3. Const. standard curb
4. Const. PCC sidewalk
5. Const. curb ramp, parallel
   Inst. safety yellow truncated domes on new surface - 11.0 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC554)
6. Const. curb ramp, parallel
   Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC555)
7. Const. curb ramp, parallel
   Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC556)
8. Const. curb ramp, unique
   Inst. safety yellow truncated domes on new surface - 10.0 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see sht. BC556)
9. Preserve & protect extg. power pole
10. Preserve & protect extg. manhole
11. Adjust utility box
12. Connect to extg. curb
13. Remove extg. stop bar
14. Inst. stop bar
15. Preserve & protect extg. inlet
16. Adjust inlet
    Inst. inlet protection - Type 3
17. Minor adjust manhole
18. Inst. PCC dwy., option (G)
19. Inst. 8" white line
20. Remove extg. striping within intended crossing location
21. Preserve & protect extg. sign
22. Preserve & protect extg. ditch inlet
    Inst. inlet protection - Type 4
23. Const. gutter transition

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:48:16-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: J.J. Banks
Drafter: J.J. Banks
Reviewer: Dave Simmons
Checker: Stan Petroff

GENERAL CONSTRUCTION

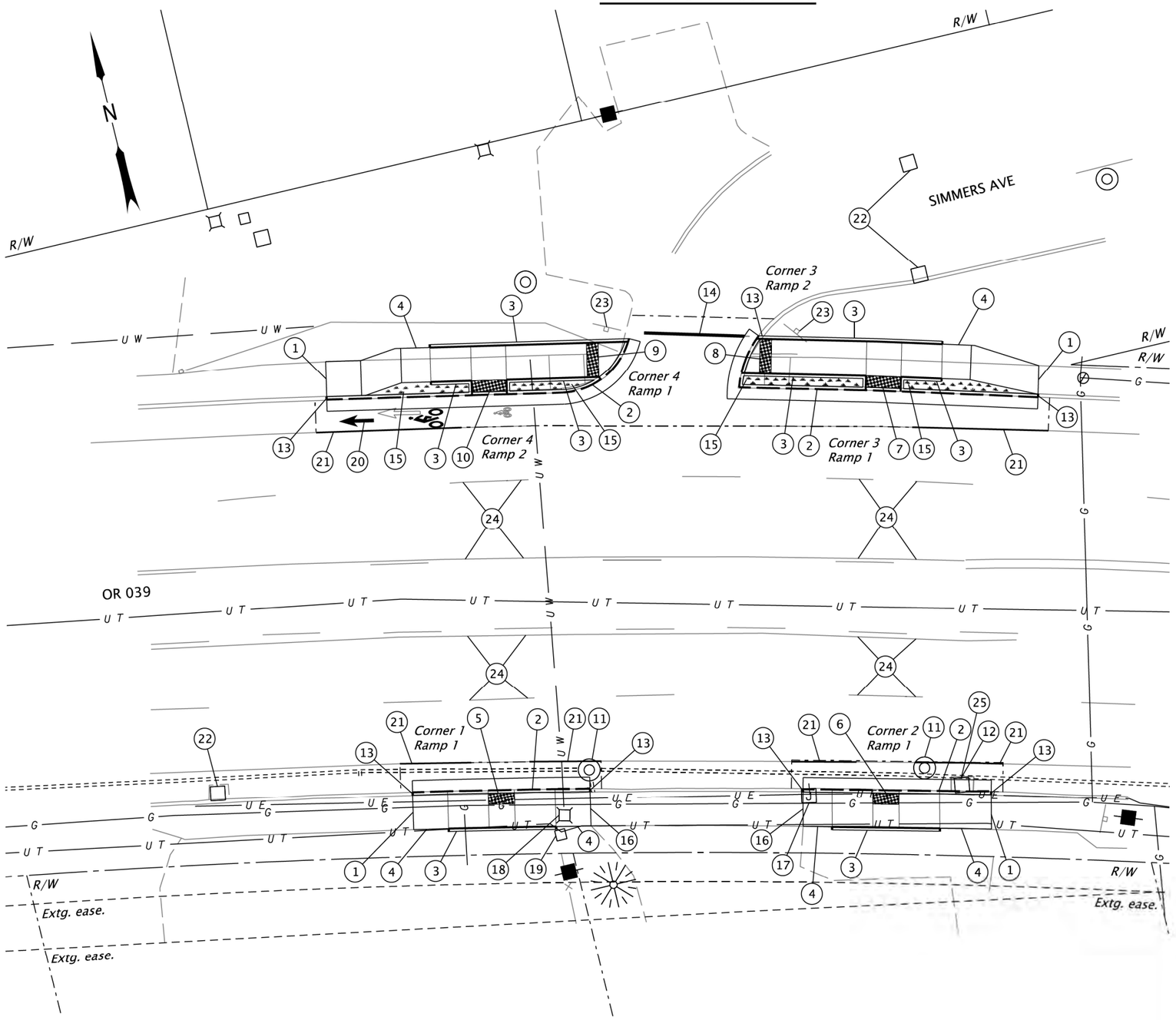
SHEET NO. C524

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 355.0984° Scale: 1"=20'

OR 039: M.P. 2.52 TO M.P. 5.61

ALTAMONT SITE 25



1. *Connect to extg. walk*
2. *Const. conc. curb and gutter*
3. *Const. standard curb*
4. *Const. PCC sidewalk*
5. *Const. curb ramp, Parallel*
   Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC557)
6. *Const. curb ramp, Parallel*
   Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC558)
7. *Const. curb ramp, Perpendicular*
   Inst. Safety yellow truncated domes on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC559)
8. *Const. curb ramp, Perpendicular*
   Inst. Safety yellow truncated domes on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see sht. BC559)
9. *Const. curb ramp, Perpendicular*
   Inst. Safety yellow truncated domes on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC560)
10. *Const. curb ramp, Perpendicular*
    Inst. Safety yellow truncated domes on new surface - 12.0 sq. ft.
    PCC surfacing
    Ramp 2 - SY
    (For details, see sht. BC560)
11. *Minor adjust manhole*
12. *Adjust inlet*
    Inst. inlet protection - Type 3
13. *Connect to extg. curb*
14. *Inst. stop bar*
15. *Inst. rock mulch*
16. *Connect to extg. driveway*
17. *Adjust utility box*
18. *Relocate water meter box (by others)*
19. *Preserve & protect extg. comm. pedestal*
20. *Inst. bike lane standard stencil*
21. *Inst. 8" white line*
22. *Inst. inlet protection - Type 3*
23. *Preserve & protect extg. sign*
24. *Remove extg. striping within intended crossing location*
25. *Const. gutter transition*

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09.48.59-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: J.J. Banks | Reviewer: Dave Simmons
Drafter: J.J. Banks | Checker: Stan Petroff

GENERAL CONSTRUCTION

SHEET NO. C525

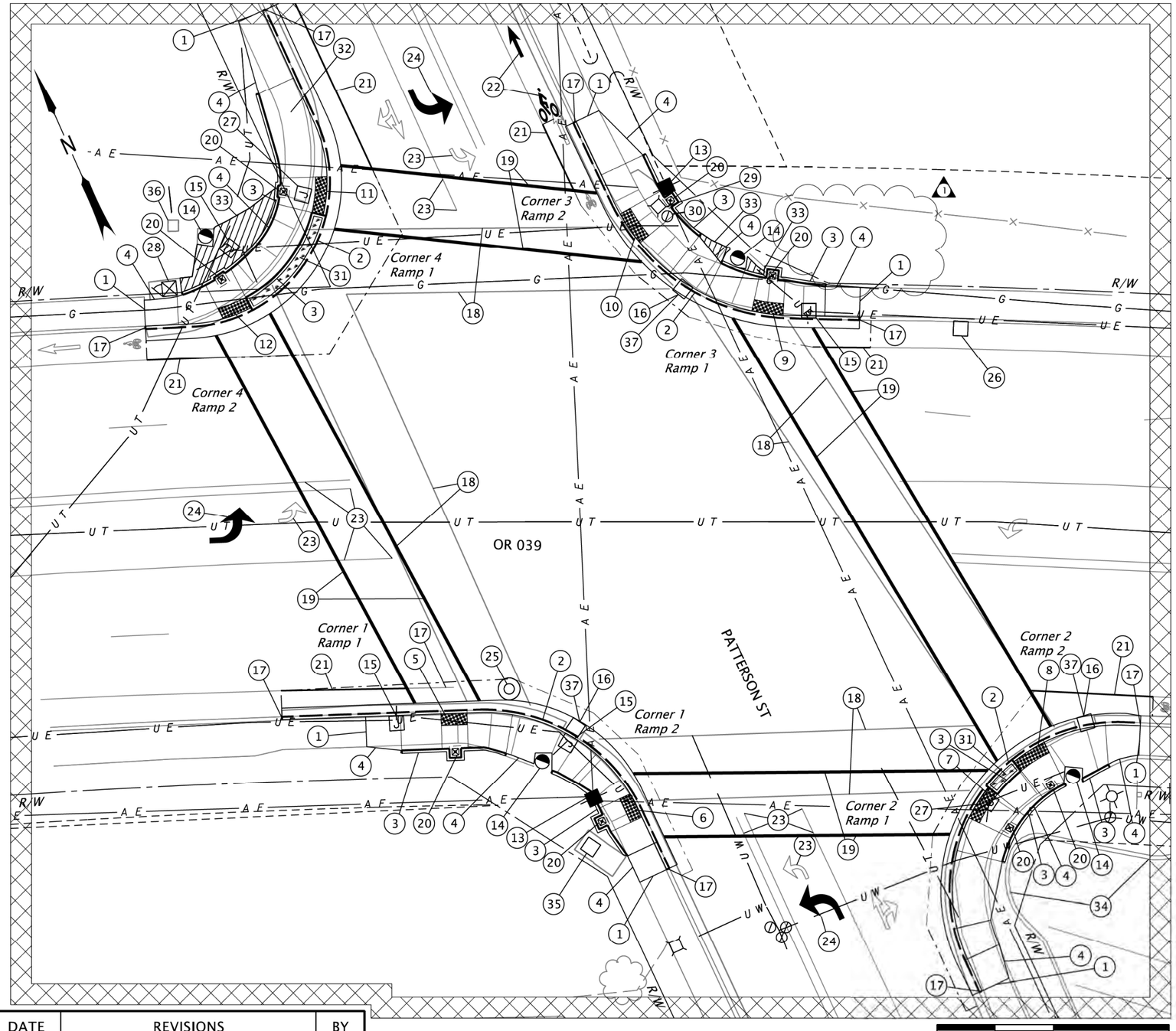
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 346.5621° Scale: 1"=20'

OR 039: M.P. 2.52 TO M.P. 5.61

55V-026

ALTAMONT SITE 26



1. Connect to extg. walk
2. Const. conc. curb and gutter
3. Const. standard curb
4. Const. PCC sidewalk
5. Const. curb ramp, parallel
   Inst. safety yellow truncated domes on new surface – 9.0 sq. ft.
   PCC surfacing
   Ramp 1 – SU
   (For details, see sht. BC561)
6. Const. curb ramp, parallel
   Inst. safety yellow truncated domes on new surface – 9.0 sq. ft.
   PCC surfacing
   Ramp 2 – SU
   (For details, see sht. BC561)
7. Const. curb ramp, parallel
   Inst. safety yellow truncated domes on new surface – 12.1 sq. ft.
   PCC surfacing
   Ramp 1 – SU
   (For details, see sht. BC562)
8. Const. curb ramp, parallel
   Inst. safety yellow truncated domes on new surface – 12.1 sq. ft.
   PCC surfacing
   Ramp 2 – SU
   (For details, see sht. BC562)
9. Const. curb ramp, parallel
   Inst. safety yellow truncated domes on new surface – 10.6 sq. ft.
   PCC surfacing
   Ramp 1 – SU
   (For details, see sht. BC563)
10. Const. curb ramp, parallel
    Inst. safety yellow truncated domes on new surface – 11.8 sq. ft.
    PCC surfacing
    Ramp 2 – SU
    (For details, see sht. BC563)
11. Const. curb ramp, parallel
    Inst. safety yellow truncated domes on new surface – 12.8 sq. ft.
    PCC surfacing
    Ramp 1 – SU
    (For details, see sht. BC564)
12. Const. curb ramp, parallel
    Inst. safety yellow truncated domes on new surface – 12.2 sq. ft.
    PCC surfacing
    Ramp 2 – SU
    (For details, see sht. BC564)
13. Preserve & protect extg. power pole
14. Preserve & protect extg. signal pole
15. Adjust utility box
16. Adjust inlet
    Inst. inlet protection – Type 3
17. Connect to extg. curb
18. Remove extg. crosswalk
19. Inst. crosswalk
20. Inst. new ped. push button
21. Inst. 8" white line
22. Inst. bike lane standard stencil
23. Remove extg. striping
24. Inst. left turn arrow
25. Minor adjust manhole
26. Inst. inlet protection – Type 3
27. Relocate extg. utility box
28. Preserve & protect extg. cabinet
29. Remove water meter box (by others)
30. Remove water valve box (by others)
31. Inst. rock mulch
32. DE Control No. 22209-04R
    Ramp run running slope
33. Remove sidewalk, shown thus: ▨ – 12.8 sq. yd.
34. Preserve & protect extg. curb
35. Preserve & protect extg. irrigation facility
36. Preserve & protect extg. power pedestal
37. Const. gutter transition

Right-of-Way delays or access delays (See 00180.65)

No.	DATE	REVISIONS	BY
1	01-20-22	Removed TCE	R.A.S.

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2022.01.20 14:21:44-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: J.J. Banks
Drafter: J.J. Banks
Reviewer: Dave Simmons
Checker: Starr Petroff

GENERAL CONSTRUCTION

SHEET NO. C526

C526_26_ALTAMONT - Site 26 - OR 39 @ Patterson St MP 4.50 :: Default 1/20/2022 2:20:58 PM rstephens

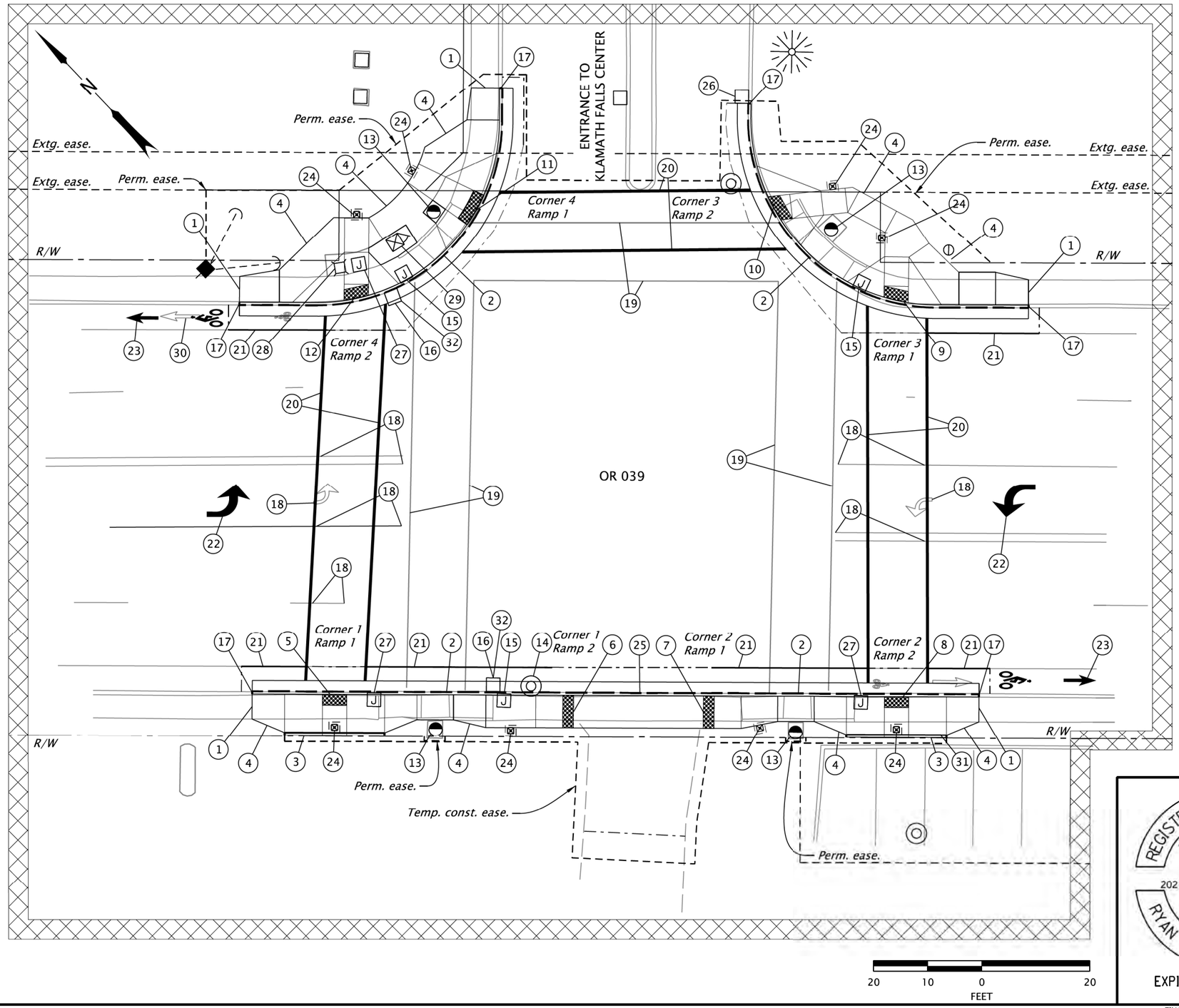
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 335.8777° Scale: 1"=20'

OR 039: M.P. 2.52 TO M.P. 5.61

55V-026

ALTAMONT SITE 27



1. Connect to extg. walk
2. Const. conc. curb and gutter
3. Const. standard curb
4. Const. PCC sidewalk
5. Const. curb ramp, parallel
   Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC565)
6. Const. curb ramp, perpendicular
   Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see sht. BC565)
7. Const. curb ramp, perpendicular
   Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC566)
8. Const. curb ramp, parallel
   Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see sht. BC566)
9. Const. curb ramp, perpendicular
   Inst. safety yellow truncated domes on new surface - 9.2 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC567)
10. Const. curb ramp, perpendicular
    Inst. safety yellow truncated domes on new surface - 9.5 sq. ft.
    PCC surfacing
    Ramp 2 - SY
    (For details, see sht. BC567)
11. Const. curb ramp, perpendicular
    Inst. safety yellow truncated domes on new surface - 12.1 sq. ft.
    PCC surfacing
    Ramp 1 - SY
    (For details, see sht. BC568)
12. Const. curb ramp, perpendicular
    Inst. safety yellow truncated domes on new surface - 9.0 sq. ft.
    PCC surfacing
    Ramp 2 - SY
    (For details, see sht. BC568)
13. Preserve & protect extg. signal pole
14. Minor adjust manhole
15. Adjust utility box
16. Adjust inlet
    Inst. inlet protection - Type 3
17. Connect to extg. curb
18. Remove extg. striping
19. Remove extg. crosswalk
20. Inst. crosswalk
21. Inst. 8" white line
22. Inst. left turn arrow
23. Inst. bike lane standard stencil
24. Inst. new ped. push button
25. Const. PCC dwy., option (G)
26. Preserve & protect extg. inlet
    Inst. inlet protection - Type 3
27. Relocate utility box
28. Relocate power service
29. Preserve & protect extg. cabinet
30. Remove extg. bike lane stencil
31. Remove & dispose of extg. trees (2) and bushes within construction limits
32. Const. gutter transition

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:50:14-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: J.J. Banks
Drafter: J.J. Banks
Reviewer: Dave Simmons
Checker: Stan Petroff

GENERAL CONSTRUCTION

SHEET NO. C527

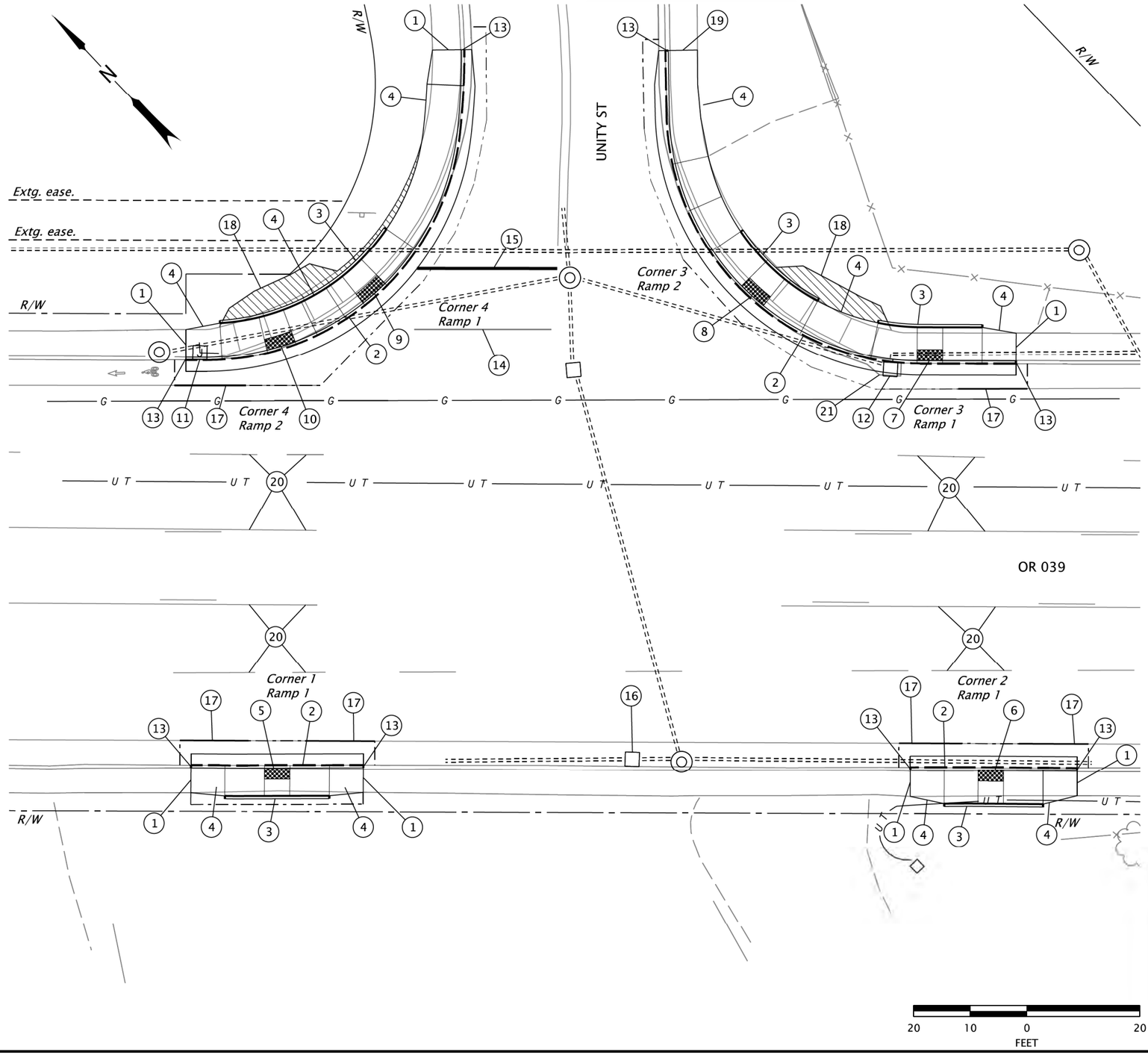
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 316.2984° Scale: 1"=20'

OR 039: M.P. 2.52 TO M.P. 5.61

55V-026

ALTAMONT SITE 28



1. Connect to extg. walk
2. Const. conc. curb and gutter
3. Const. standard curb
4. Const. PCC sidewalk
5. Const. curb ramp, parallel
   Inst. safety yellow truncated domes on new surface – 9.0 sq. ft.
   PCC surfacing
   Ramp 1 – SY
   (For details, see sht. BC569)
6. Const. curb ramp, parallel
   Inst. safety yellow truncated domes on new surface – 9.0 sq. ft.
   PCC surfacing
   Ramp 1 – SY
   (For details, see sht. BC570)
7. Const. curb ramp, parallel
   Inst. safety yellow truncated domes on new surface – 9.0 sq. ft.
   PCC surfacing
   Ramp 1 – SY
   (For details, see sht. BC571)
8. Const. curb ramp, parallel
   Inst. safety yellow truncated domes on new surface – 10.2 sq. ft.
   PCC surfacing
   Ramp 2 – SY
   (For details, see sht. BC571)
9. Const. curb ramp, parallel
   Inst. safety yellow truncated domes on new surface – 10.2 sq. ft.
   PCC surfacing
   Ramp 1 – SY
   (For details, see sht. BC572)
10. Const. curb ramp, parallel
    Inst. safety yellow truncated domes on new surface – 10.2 sq. ft.
    PCC surfacing
    Ramp 2 – SY
    (For details, see sht. BC572)
11. Adjust utility box
12. Adjust inlet
    Inst. inlet protection – Type 3
13. Connect to extg. curb
14. Remove extg. stop bar
15. Inst. stop bar
16. Inst. inlet protection – Type 3
17. Inst. 8" white line
18. Remove sidewalk, shown thus: ▨ – 18.5 sq. yd.
19. Connect to extg. driveway
20. Remove extg. striping within intended crossing location
21. Const. gutter transition

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:50:51-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: J.J. Banks
Drafter: J.J. Banks
Reviewer: Dave Simmons
Checker: Stan Petroff

GENERAL CONSTRUCTION

SHEET NO. C528

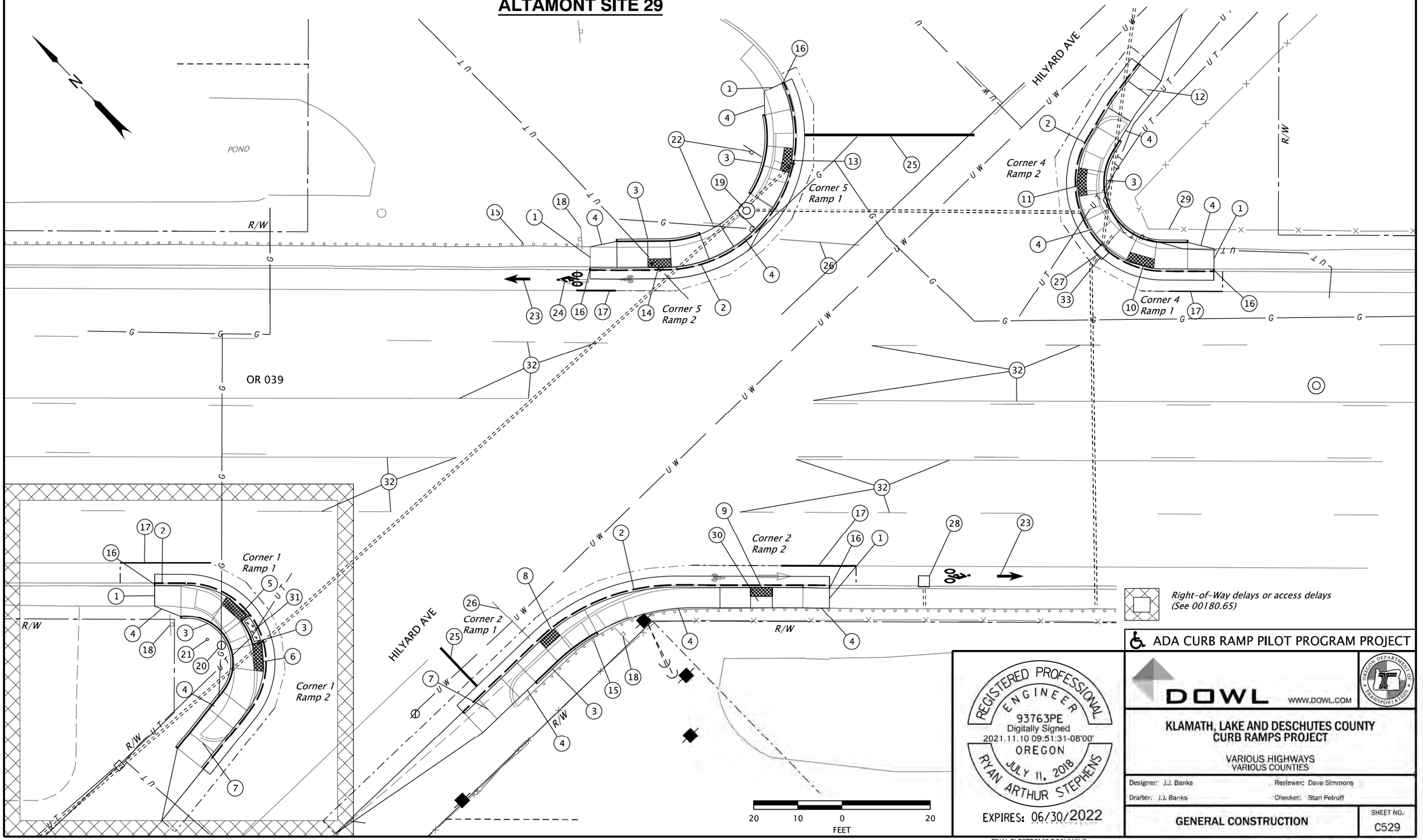
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 316.2984° Scale: 1"=20'

OR 039: M.P. 2.52 TO M.P. 5.61

55V-026

ALTAMONT SITE 29



Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

DOWL WWW.DOWL.COM

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:51:31-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: J.J. Banks | Reviewer: Dave Simmons
Drafter: J.J. Banks | Checker: Stan Petroff

GENERAL CONSTRUCTION | SHEET NO. C529

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 316.2984° Scale: 1"=20'

OR 039: M.P. 2.52 TO M.P. 5.61

ALTAMONT SITE 29

1. *Connect to extg. walk*
2. *Const. conc. curb and gutter*
3. *Const. standard curb*
4. *Const. PCC sidewalk*
5. *Const. curb ramp, parallel*
   Inst. safety yellow truncated domes on new surface - 12.5 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC573)
6. *Const. curb ramp, parallel*
   Inst. safety yellow truncated domes on new surface - 12.5 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see sht. BC573)
7. *Const. curb ramp, end of walk*
   PCC surfacing
   (For details, see sht. BC573 & BC574)
8. *Const. curb ramp, parallel*
   Inst. safety yellow trucated domes on new surface - 12.3 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC574)
9. *Const. curb ramp, parallel*
   Inst. safety yellow trucated domes on new surface - 9.8 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see sht. BC575)
10. *Const. curb ramp, parallel*
    Inst. safety yellow trucated domes on new surface - 12.3 sq. ft.
    PCC surfacing
    Ramp 1 - SY
    (For details, see sht. BC576)
11. *Const. curb ramp, parallel*
    Inst. safety yellow trucated domes on new surface - 12.3 sq. ft.
    PCC surfacing
    Ramp 2 - SY
    (For details, see sht. BC576)
12. *Const. curb ramp, end of walk*
    PCC surfacing
    (For details, see sht. BC576)
13. *Const. curb ramp, parallel*
    Inst. safety yellow trucated domes on new surface - 10.9 sq. ft.
    PCC surfacing
    Ramp 1 - SY
    (For details, see sht. BC577)
14. *Const. curb ramp, parallel*
    Inst. safety yellow trucated domes on new surface - 10.5 sq. ft.
    PCC surfacing
    Ramp 2 - SY
    (For details, see sht. BC577)
15. *Preserve & protect extg. guardrail*
16. *Connect to extg. curb*
17. *Inst. 8" white line*
18. *Preserve & protect extg. sign*
19. *Minor adjust manhole*
20. *Preserve & protect extg. gas valve box*
21. *Preserve & protect extg. gas line marker*
22. *Remove & reinstall sign on new PSST support*
23. *Inst. bike lane standard stencil*
24. *Remove extg. bike stencil*
25. *Inst. stop bar*
26. *Remove extg. stop bar*
27. *Adjust inlet*
    Inst. inlet protection - Type 3
28. *Preserve & protect extg. inlet*
    Inst. inlet protection - Type 3
29. *Preserve & protect extg. fence*
30. *DE Control No. 22209-05*
    Turning space
31. *Inst. rock mulch*
32. *Remove extg. striping within intended crossing location*
33. *Const. gutter transition*

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.10.15 10:02:35-07'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

DOWL WWW.DOWL.COM

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: J.J. Banks
Drafter: J.J. Banks
Reviewer: Dave Simmons
Checker: Stan Petroff

GENERAL CONSTRUCTION

SHEET NO.
C529A

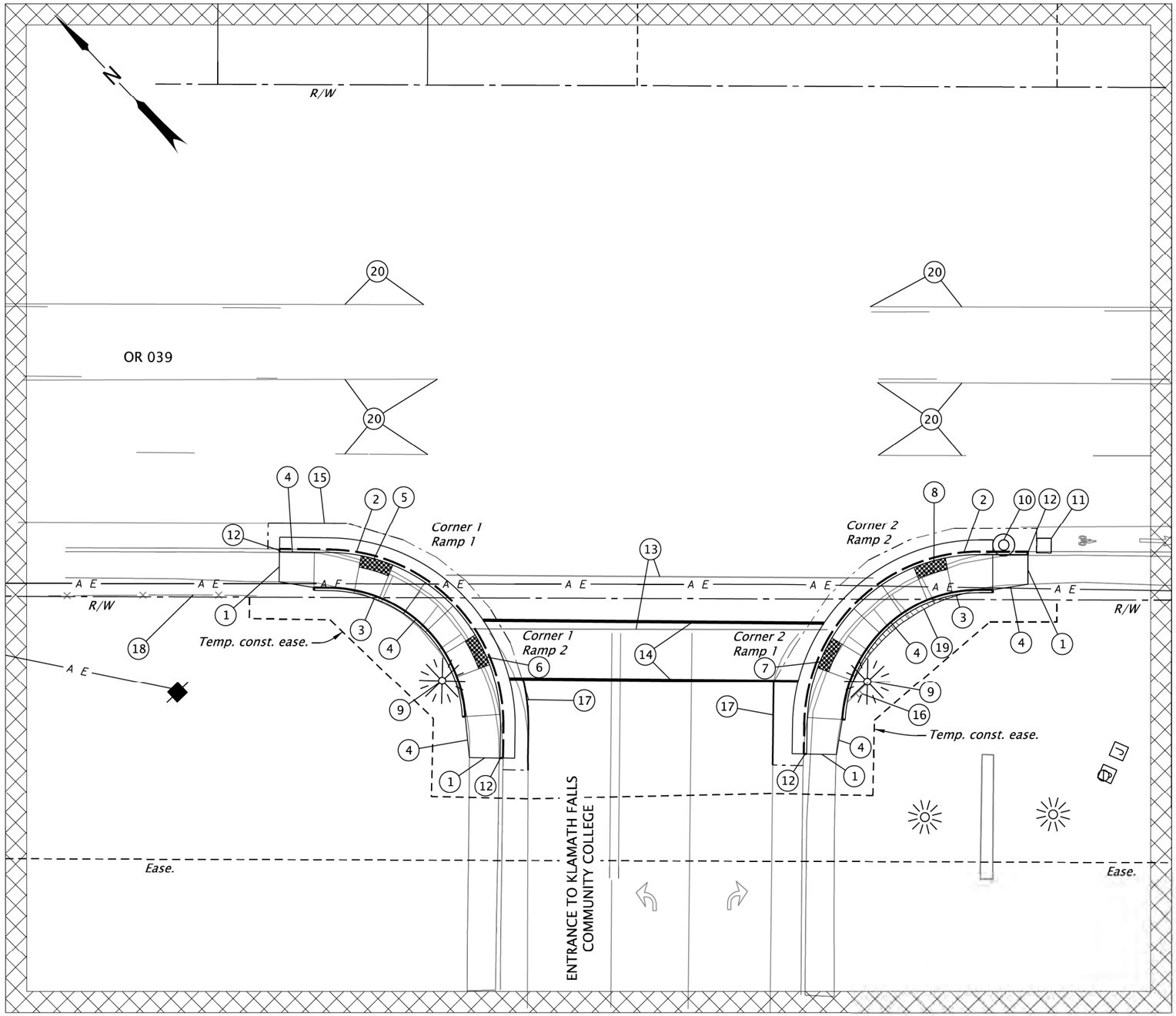
FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 316.2984° Scale: 1"=20'

OR 039: M.P. 2.52 TO M.P. 5.61

55V-026

ALTAMONT SITE 30



1. *Connect to extg. walk*
2. *Const. conc. curb and gutter*
3. *Const. standard curb*
4. *Const. PCC sidewalk*
5. *Const. curb ramp, parallel*
   Inst. safety yellow trucated domes on new surface - 10.9 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see shts. BC578)
6. *Const. curb ramp, parallel*
   Inst. safety yellow trucated domes on new surface - 10.9 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see shts. BC578)
7. *Const. curb ramp, parallel*
   Inst. safety yellow trucated domes on new surface - 10.9 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see shts. BC579)
8. *Const. curb ramp, parallel*
   Inst. safety yellow trucated domes on new surface - 10.9 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see shts. BC579)
9. *Preserve & protect extg. luminaire*
10. *Minor adjust manhole*
11. *Preserve & protect extg. inlet*
    Inst. inlet protection - Type 3
12. *Connect to extg. curb*
13. *Remove extg. crosswalk*
14. *Inst. crosswalk*
15. *Inst. 8" white line*
16. *Preserve & protect extg. sign*
17. *Inst. 4" white line*
18. *Preserve & protect extg. fence*
19. *Remove sidewalk, shown thus: ▨ - 1.6 sq. yd.*
20. *Remove extg. striping within intended crossing location*

Right-of-Way delays or access delays
(See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:52:15-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: J.J. Banks
Drafter: J.J. Banks
Reviewer: Dave Simmons
Checker: Stan Petroff

GENERAL CONSTRUCTION

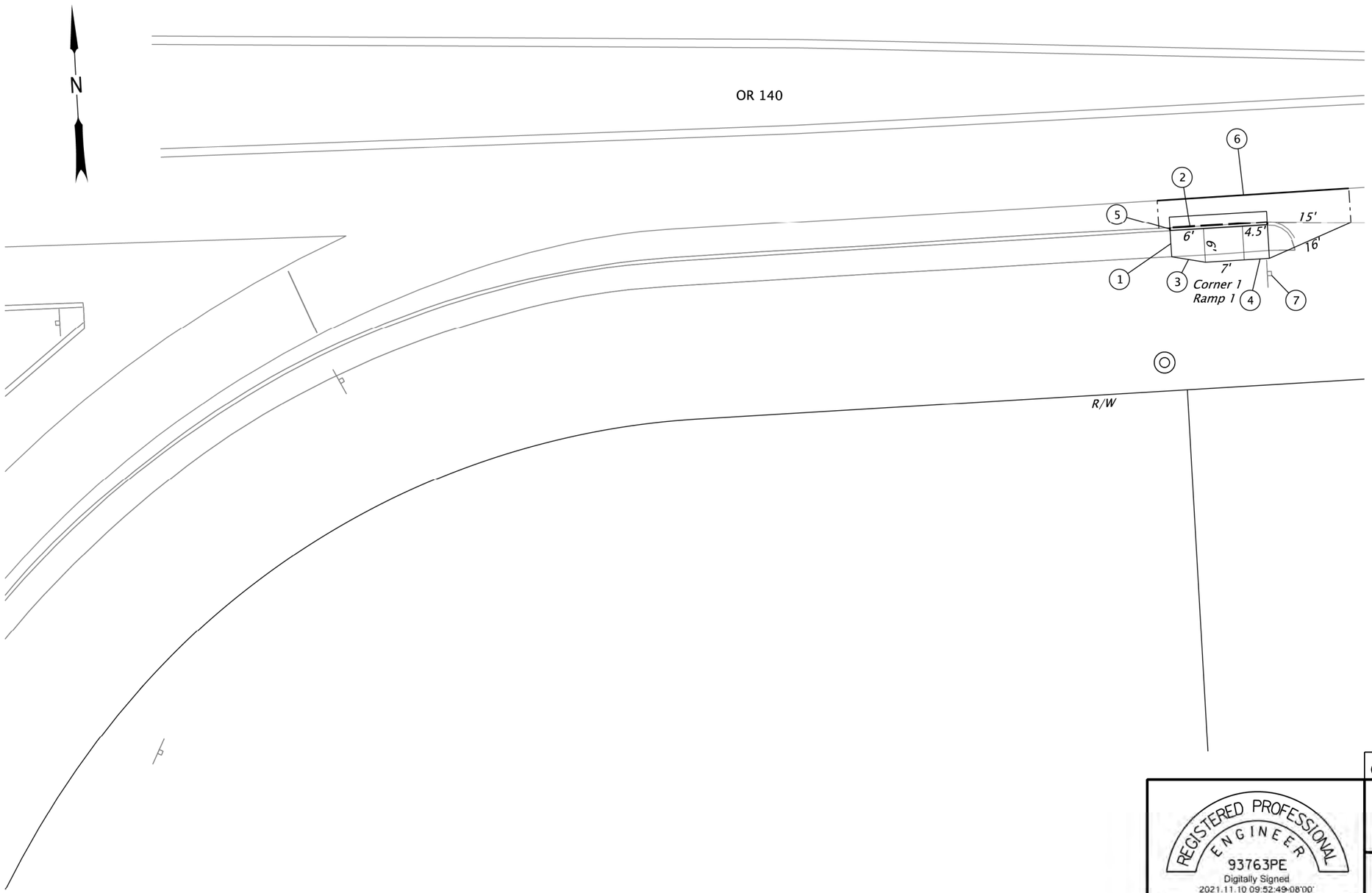
SHEET NO. C530

Rotation: 316.2984° Scale: 1"=20'

OR 039: M.P. 2.52 TO M.P. 5.61

55V-026

ALTAMONT SITE 31



1. Connect to extg. walk
2. Const. conc. curb and gutter
3. Const. PCC sidewalk
4. Const. curb ramp, end of walk
   PCC surfacing
   Ramp 1 - SU
5. Connect to extg. curb
6. Inst. 4" white line
7. Preserve & protect extg. sign

ADA CURB RAMP PILOT PROGRAM PROJECT

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REGISTERED PROFESSIONAL ENGINEER
93763PE
Digitally Signed
2021.11.10 09:52:49-08'00'
OREGON
JULY 11, 2018
RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: J.J. Banks	Reviewer: Dave Simmons
Drafter: J.J. Banks	Checker: Stan Petroff

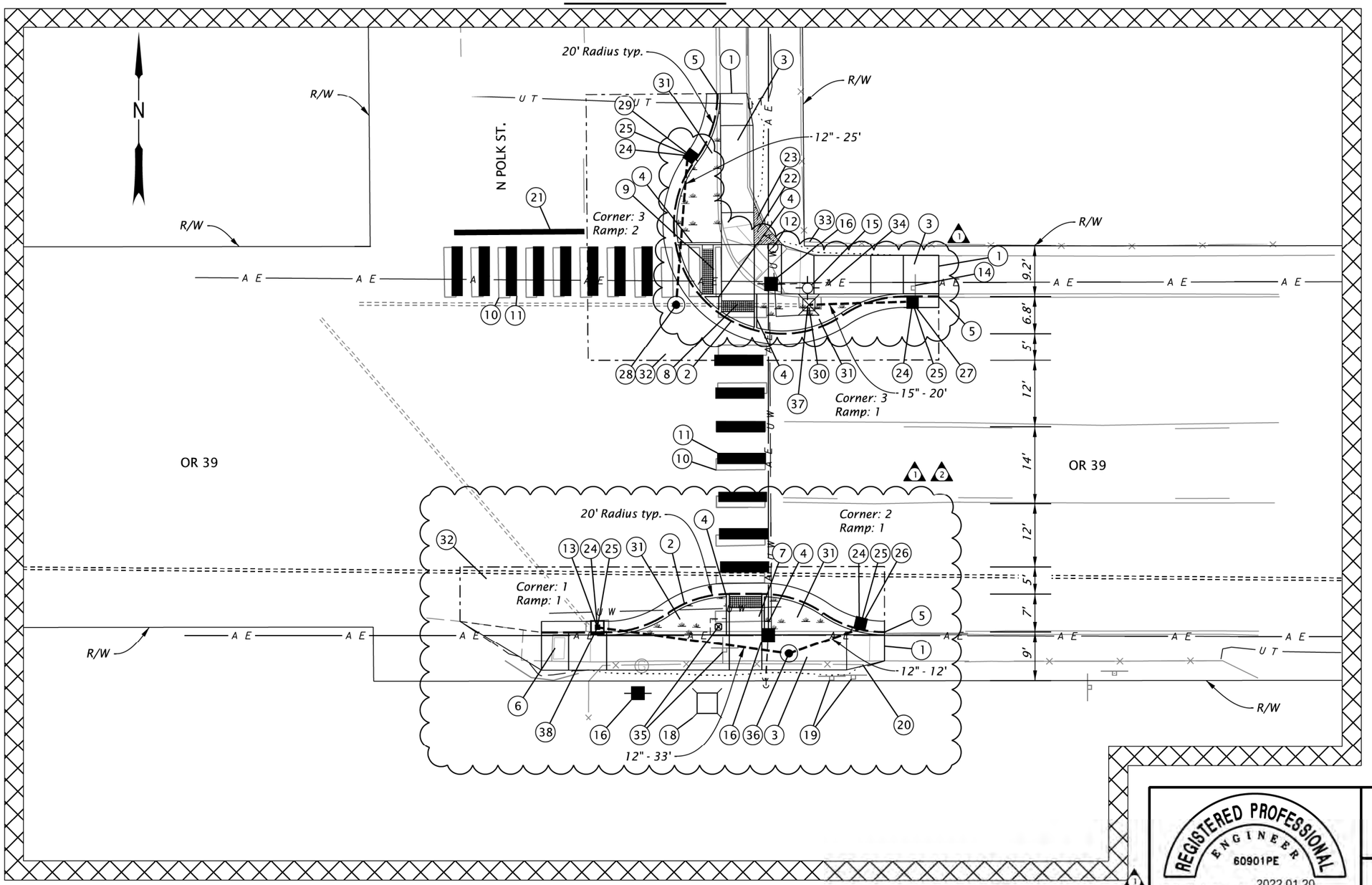
GENERAL CONSTRUCTION | SHEET NO. C531

C531_31_ALTAMONT - Site 31 - OR 39 @ 050AA Conn. MP 1C0.16 :: Default 10/7/2021 4:20:19 PM sashe

Rotation: 356.7875° Scale: 1"=20'

OR 39: N POLK ST. TO N LINCOLN ST.

MERRILL SITE 1



General Note:
1. Underground storm and sanitary sewer are assumed locations based on existing structures. Contractor to verify location, material, size, elevation, and slope.

Right-of-Way delays or access delays (See 00180.65)

No.	DATE	REVISIONS	BY
1	1-4-22	School Zone Flashing Beacon, Storm Sewer	L.C.H.
2	1-19-22	Sidewalk design and removed temp. const. ease.	L.C.H.

ADA CURB RAMP PILOT PROGRAM PROJECT

20 10 0 20
FEET

HWY: 050
M.P.: 13.72-13.73
UNIT FILE CODE 22178
DFI/TSSU NO. 11F055

REGISTERED PROFESSIONAL ENGINEER
60901PE
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OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

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KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner
Reviewer: Mike Hohbach
Drafter: Stuart Smith
Checker: Tony Quinn

GENERAL CONSTRUCTION

SHEET NO. C601

No.	DATE	REVISIONS	BY
1	1-4-22	School Zone Flashing Beacon, Storm Sewer	L.C.H.
2	1-19-22	Sidewalk design	L.C.H.

(1) *Connect to extg. walk*

(2) *Const. curb & gutter*
(See dwg. no. RD700)

(3) *Const. P.C. conc. sidewalk*
(See dwg. no. RD721)

(4) *Const. standard curb*
(See dwg. no. RD700)

(5) *Connect to extg. curb*

(6) *Const. curb ramp, End of walk*
Taper Option EW-1
Ramp 1 - SU
(For details, see sht. BC601)
(See dwg. nos. RD900, RD902, RD904, RD905, RD950 & RD952)

(7) *Const. curb ramp, Perpendicular*
Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
PCC surfacing
Ramp 1 - SU
(For details, see sht. BC601)
(See dwg. nos. RD900, RD902, RD904, RD905, RD910, RD912, RD913 & RD916)

(8) *Const. curb ramp, Combination*
Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
PCC surfacing
Ramp 1 - SU
(For details, see sht. BC602)
(See dwg. nos. RD900, RD902, RD904, RD905, RD930, RD932 & RD938)

(9) *Const. curb ramp, Combination*
Inst. safety yellow truncated domes on new surface - 18.0 sq. ft.
PCC surfacing
Ramp 2 - SY
(For details, see sht. BC602)

(10) *Remove extg. crosswalk*
(For details, see sheet BA01)

(11) *Install continental crosswalk*
(See dwg. nos. TM503 & TM530)

(12) *Adjust water valve box*
(For details, see dwg. no. RD258 or sheet BA02 as applicable)

(13) *Adjust inlet*
IE (12" in) = 4070.04' (E)
IE (extg. 15" out) = 4069.94' (NW)
5' depth
(For details, see sheet BA02)

(14) *Remove & reinstall extg. sign(s) on new PSST support*
(For relocation details, see dwg. no. TM200)
(For support details, see dwg. nos. TM681, TM687 & TM688)

(15) *Preserve & protect extg. fire hydrant*

(16) *Preserve & protect extg. utility pole*

(17) *Note not used*

(18) *Preserve & protect extg. water meter*

(19) *Preserve & protect extg. sign*

(20) *Relocate extg. fence*

(21) *Install stop bar*
(see dwg. nos. TM503, TM530)

(22) *Remove sidewalk, shown thus:*
1.5 sq.yd.

(23) *Install aggr. shldr. rock - 0.01 tons*

(24) *Install inlet protection (Type 3)*
(See dwg. no. RD1010)

(25) *Const. gutter transition*
(See dwg. no. RD363)

(26) *Const. type "G-1" inlet - Sump 2'*
IE (12" out) = 4070.27' (W)
Inst. 12" DI storm sew. pipe - 12'
5' depth
slope = 0.003 ft./ft.
(See dwg. nos. RD300, RD364, & RD365)

(27) *Const. type "G-1" inlet - Sump 2'*
IE (15" out) = 4070.29' (W)
Inst. 15" DI storm sew. pipe - 20'
5' depth
slope = 0.005 ft./ft.

(28) *Const. storm sew. manhole 48" dia. over extg. pipe*
IE (12" in) = 4070.18' (N)
IE (extg. 15" in) = 4070.08' (E)
IE (extg. 15" out) = 4070.08' (W)
5' depth
(See dwg. nos. RD300, RD335, & RD345)

(29) *Const. type "G-2" inlet - Sump 2'*
IE (12" out) = 4070.30' (S)
Inst. 12" DI storm sew. pipe - 25'
5' depth
slope = 0.005 ft./ft.

(30) *Remove extg. inlet*

(31) *Install rock mulch*
(For details, see sht. BA03)

(32) *Grind and inlay*
(For details, see sht. BA01)

(33) *Preserve & protect extg. fence*

(34) *Relocate guy wire (By others)*

(35) *Remove and Reinstall school zone flashing beacon on new vehicle signal pedestal foundation.*
(For relocation details, see dwg. no. TM200)
(For support details, see dwg. no. TM457)

(36) *Const. storm sew. manhole 48" dia.*
IE (12" in) = 4070.24' (E)
IE (12" out) = 4070.14' (W)
Install 12" DI storm sew. pipe - 33'
5' depth
slope - 0.003 ft./ft.

(37) *Connect to extg. 15" storm sew. pipe*

(38) *Connect to extg. structure*

HWY: 050
M.P.: 13.72-13.73
UNIT FILE CODE 22179
DFI/TSSU NO. 11F055

REGISTERED PROFESSIONAL ENGINEER
60901PE
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OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

ADA CURB RAMP PILOT PROGRAM PROJECT

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner
Drafter: Stuart Smith
Reviewer: Mike Hohbach
Checker: Tony Quinn

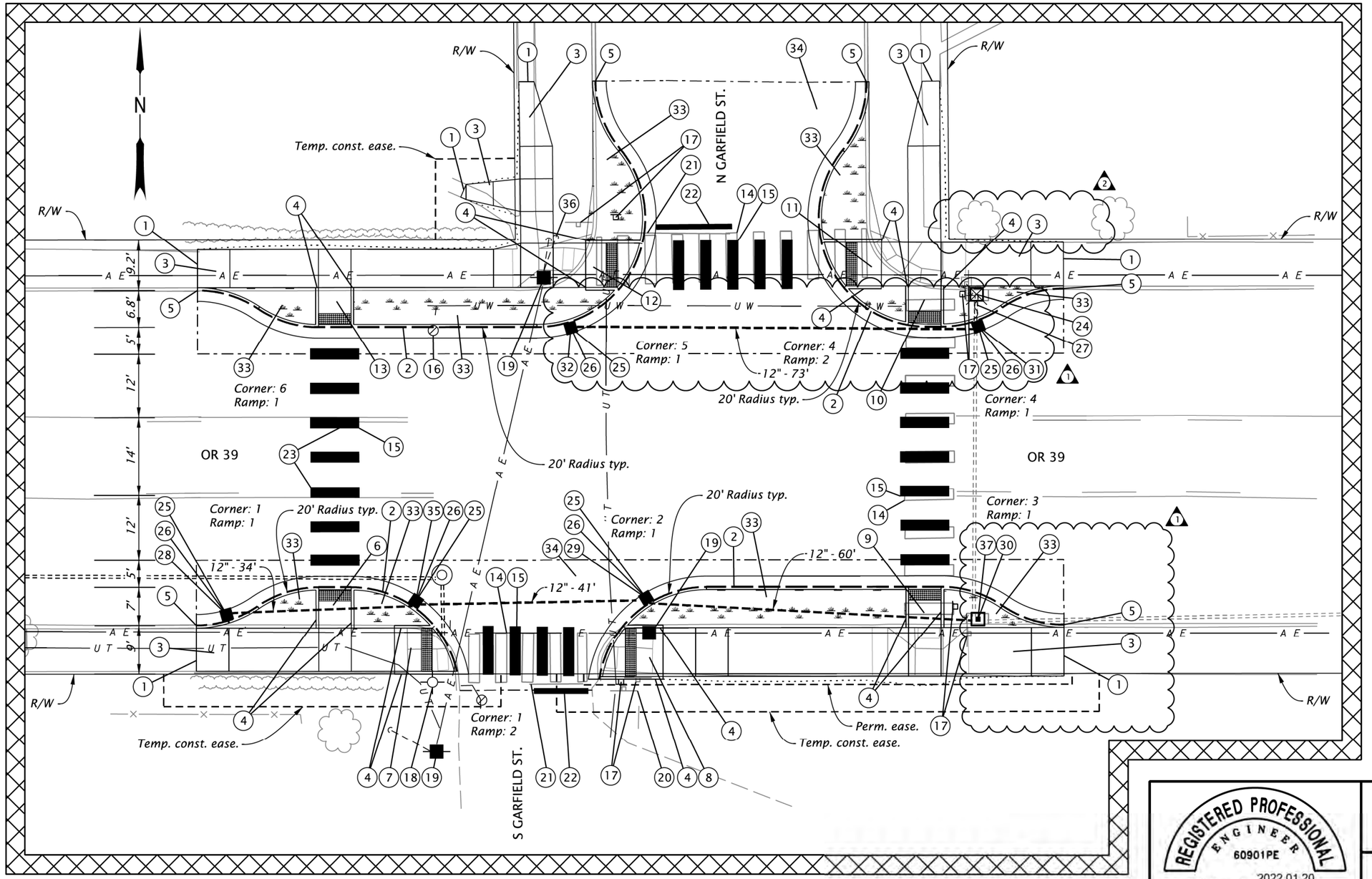
GENERAL CONSTRUCTION NOTES

SHEET NO. C601A

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

OR 39: N POLK ST. TO N LINCOLN ST.

MERRILL SITE 2



General Note:
1. Underground storm and sanitary sewer are assumed locations based on existing structures. Contractor to verify location, material, size, elevation, and slope.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

No.	DATE	REVISIONS	BY
1	1-4-22	Storm Sewer	L.C.H.
2	1-19-22	Removed temp. const. ease.	L.C.H.

20 10 0 20
FEET

REGISTERED PROFESSIONAL ENGINEER
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Digitally Signed 2022.01.20 11:31:54 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner | Reviewer: Mike Hohbach
Drafter: Stuart Smith | Checker: Tony Quinn

GENERAL CONSTRUCTION

SHEET NO. C602

1. *Connect to extg. walk*
2. *Const. curb & gutter*
3. *Const. P.C. conc. sidewalk*
4. *Const. standard curb*
5. *Connect to extg. curb*
6. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC603)
7. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes on new surface - 16.0 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see sht. BC603)
8. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes on new surface - 18.0 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC604)
9. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC604)
10. *Const. curb ramp, Perpendicular*
    Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
    PCC surfacing
    Ramp 1 -SU
    (For details, see sht. BC605)
11. *Const. curb ramp, Perpendicular*
    Inst. safety yellow truncated domes on new surface - 16.0 sq. ft.
    PCC surfacing
    Ramp 2 - SY
    (For details, see sht. BC605)
12. *Const. curb ramp, Perpendicular*
    Inst. safety yellow truncated domes on new surface - 16.0 sq. ft.
    PCC surfacing
    Ramp 1 - SY
    (For details, see sht. BC606)
13. *Const. curb ramp, Perpendicular*
    Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
    PCC surfacing
    Ramp 1 -SU
    (For details, see sht. BC606)
14. *Remove extg. crosswalk*
15. *Inst. crosswalk*
16. *Adjust water valve box*
17. *Remove & reinstall extg. sign(s) on new PSST support*
18. *Preserve & protect extg. fire hydrant*
19. *Preserve & protect extg. utility pole*
20. *Preserve & protect extg. sign*
21. *Remove extg. stop bar*
    (For details, see sht. BA01)
22. *Inst. stop bar*
    (See dwg. nos. TM503 & TM530)
23. *Remove extg. striping within intended crossing location (For details, see sht. BA01)*
24. *Remove extg. inlet*
25. *Const. gutter transition*
26. *Inst. inlet protection (Type 3)*
27. *Remove extg. storm sew. pipe 12" - 7'* (1)
28. *Const. type "G-2" inlet - Sump 2'*
    IE (12" out) = 4069.84' (E)
    Inst. 12" DI storm sew. pipe - 34'
    5' depth
    slope = 0.005 ft/ft
29. *Const. type "G-2" inlet - Sump 2'*
    IE (12" in) = 4069.37' (W)
    IE (12" out) = 4069.27' (E)
    Inst. 12" DI storm sew. pipe - 60'
    5' depth
    slope = 0.005 ft/ft
30. *Adjust inlet*
    IE (12" in) = 4068.97' (W)
    IE (extg. 12" in) = 4068.99' (N)
    IE (extg. 12" out) = 4068.87' (E)
    5' depth
31. *Const. type "G-2" inlet over extg. pipe - Sump 2'*
    IE (12" in) = 4069.53' (W)
    IE (extg. 12" out) = 4069.43' (S)
32. *Const. type "G-2" inlet - Sump 2'*
    IE (12" out) = 4069.89' (E)
    Inst. 12" DI storm sew. pipe - 73'
    5' depth
    slope = 0.005 ft/ft
33. *Inst. rock mulch*
34. *Grind and inlay*
35. *Const. type "G-2" inlet - Sump 2'* (1)
    IE (12" in) = 4069.67' (W)
    IE (12" out) = 4069.57' (E)
    Inst. 12" DI storm sew. pipe - 41'
    5' depth
    slope = 0.005 ft/ft
36. *Relocate extg guy wires (By others)*
37. *Connect to extg. structure* (1)

No.	DATE	REVISIONS	BY
1	1-4-22	Storm Sewer	L.C.H.

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
60901PE
Digitally Signed 2022.01.06 12:30:26 -08'00'
OREGON
JULY 09, 2002
MICHAEL J. HOHBACH

EXPIRES 6-30-23

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner | Reviewer: Mike Hohbach
Drafter: Stuart Smith | Checker: Tony Quinn

GENERAL CONSTRUCTION NOTES

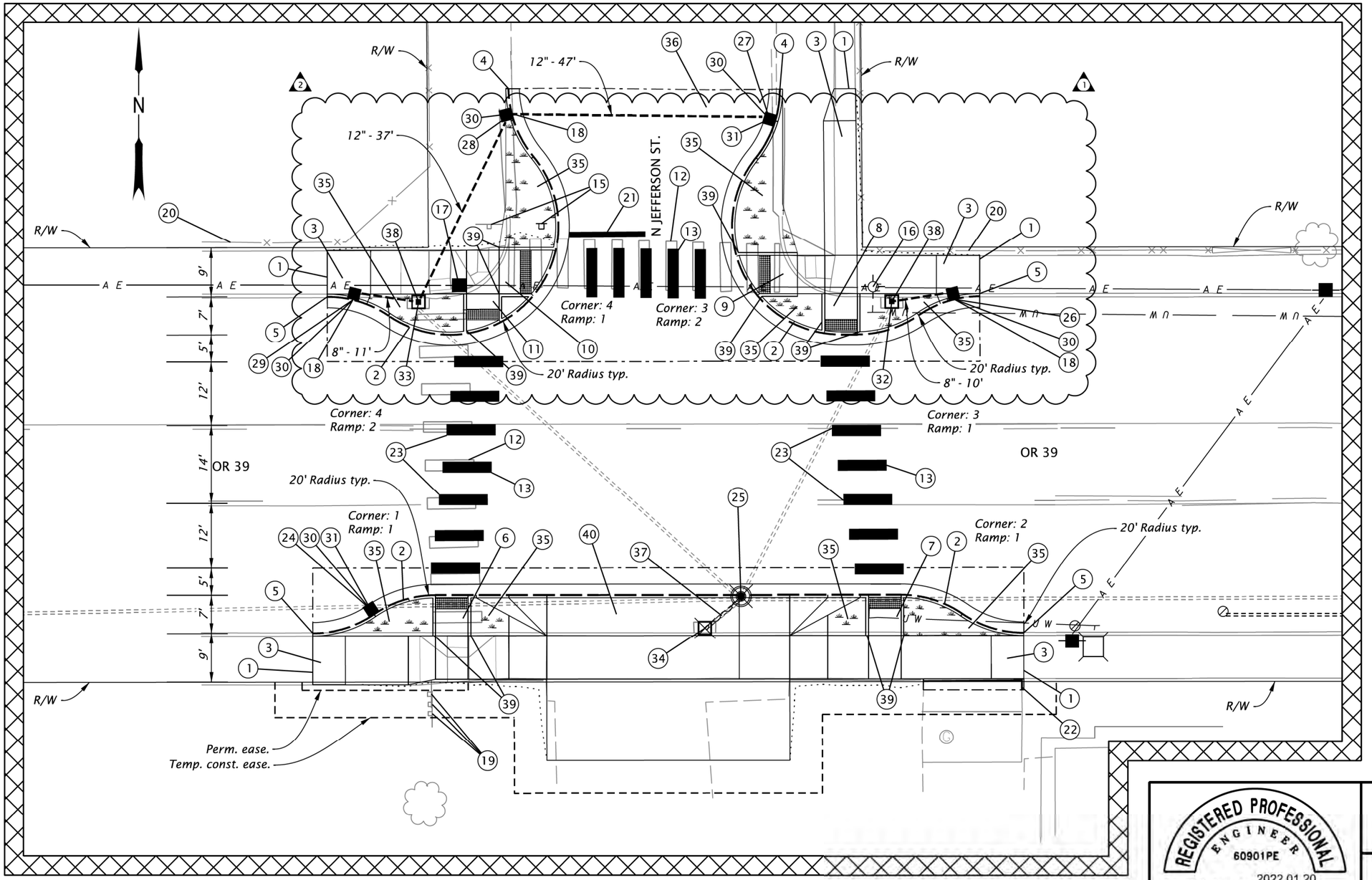
SHEET NO. C602A

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1" = 20'

OR 39: N POLK ST. TO N LINCOLN ST.

MERRILL SITE 3



General Note:
1. Underground storm and sanitary sewer are assumed locations based on existing structures. Contractor to verify location, material, size, elevation, and slope.

Right-of-Way delays or access delays (See 00180.65)

No.	DATE	REVISIONS	BY
1	1-4-22	Storm Sewer	L.C.H.
2	1-19-22	Removed temp. const. ease.	L.C.H.

ADA CURB RAMP PILOT PROGRAM PROJECT

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FEET

REGISTERED PROFESSIONAL ENGINEER
60901PE
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JULY 09, 2002
MICHAEL J. HOHBACH
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KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

GENERAL CONSTRUCTION

SHEET NO. C603

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

No.	DATE	REVISIONS	BY
1	1-4-22	Storm Sewer	L.C.H.
2	1-19-22	Note revision	L.C.H.

1. *Connect to extg. walk*
2. *Const. curb & gutter*
3. *Const. P.C. conc. sidewalk*
4. *Const. curb transition*
   (For details, see sht. BC609, BC610)
   (See dwg. no. RD700)
5. *Connect to extg. curb*
6. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes
   on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC607)
7. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes
   on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC608)
8. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes
   on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC609)
9. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes
   on new surface - 14.0 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see sht. BC609)
10. *Const. curb ramp, Perpendicular*
    Inst. safety yellow truncated domes
    on new surface - 16.0 sq. ft.
    PCC surfacing
    Ramp 1 - SY
    ((For details, see sht. BC610)
11. *Const. curb ramp, Perpendicular*
    Inst. safety yellow truncated domes
    on new surface - 12.0 sq. ft.
    PCC surfacing
    Ramp 2 - SU
    (For details, see sht. BC610)
12. *Remove extg. crosswalk*
13. *Install crosswalk*
14. *Note not used*
15. *Remove & Reinstall sign(s) on new PSST support*
16. *Preserve & protect extg. fire hydrant*
17. *Preserve & protect extg. utility pole*
18. *Install inlet protection (Type 10)*
    (See dwg. no. RD1010) (1)
19. *Preserve & protect extg. sign*
20. *Preserve & protect extg. fence*
21. *Install stop bar*
22. *Install 4" white line*
    (See dwg. no. TM500)
23. *Remove extg. striping within intended crossing location* (1)
24. *Const. type "G-2" inlet over extg. pipe - Sump 2'*
    IE (extg. 12" in) = 4068.34' (W)
    IE (extg. 12" out) = 4068.34' (E)
25. *Major adjust manhole, rotate cone to avoid curb* (2)
26. *Const. type "CG-3" inlet - Sump 2'* (1)
    IE (8" out) = 4069.70' (W)
    Inst. 8" C900 PVC storm sew. pipe - 10'
    5' depth
    slope = 0.010 ft./ft.
    (See dwg. nos. RD300, RD371, & RD372)
27. *Const. type "G-2" inlet - Sump 2'*
    IE (12" out) = 4069.64' (W)
    Inst. 12" DI storm sew. pipe - 47'
    5' depth
    slope = 0.003 ft./ft.
    Trench resurfacing area - 13.5 sy
    (See general note 2)
28. *Const. type "CG-3" inlet - Sump 2'*
    IE (12" in) = 4069.40' (E)
    IE (12" out) = 4069.30' (SW)
    Inst. 12" C900 PVC storm sew. pipe - 37'
    5' depth
    slope = 0.005 ft./ft.
29. *Const. type "CG-3" inlet - Sump 2'*
    IE (8" out) = 4069.23' (E)
    Inst. 8" C900 PVC storm sew. pipe - 11'
    5' depth
    slope = 0.010 ft./ft.
30. *Const. gutter transition*
31. *Install inlet protection (Type 3)* (1)
32. *Adjust inlet*
    IE (8" in) = 4069.60' (E)
    IE (extg. 12" out) = 4069.50' (SW)
    5' depth
33. *Adjust inlet*
    IE (8" in) = 4069.12' (W)
    IE (extg. 12" out) = 4069.02' (SE)
    5' depth
34. *Remove extg. inlet*
35. *Install rock mulch*
36. *Grind and inlay*
37. *Remove extg. storm sewer pipe 12" - 9'*
38. *Connect to extg. structure* (1)
39. *Const. standard curb*
40. *Const. PCC dwy., option A*
    (For details, see sht. BB601)
    (See std. dwg. nos. RD715 & RD725)

ADA CURB RAMP PILOT PROGRAM PROJECT

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OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner | Reviewer: Mike Hohbach
Drafter: Stuart Smith | Checker: Tony Quinn

GENERAL CONSTRUCTION NOTES

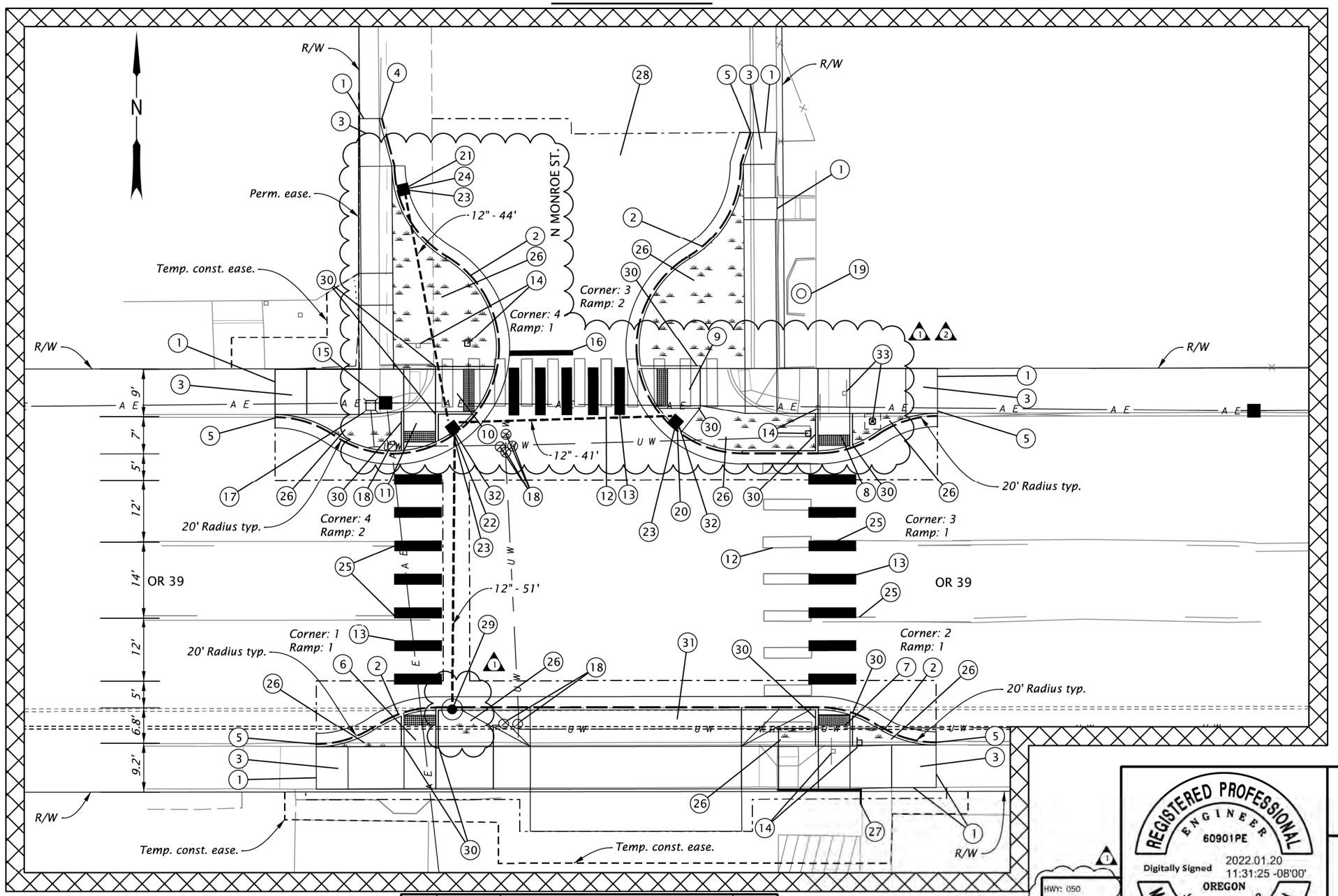
SHEET NO. C603A

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1" = 20'

OR 39: N POLK ST. TO N LINCOLN ST.

MERRILL SITE 4



No.	DATE	REVISIONS	BY
1	1-4-22	School Zone Flashing Beacon, Storm Sewer	L.C.H.
2	1-19-22	Removed temp. const. ease.	L.C.H.

20 10 0 20
FEET

1 *General Note:*
1. Underground storm and sanitary sewer are assumed locations based on existing structures. Contractor to verify location, material, size, elevation, and slope.
2. Contractor to construct storm sewer pipe in 12' sections, leaving 28' of traversible surface available to meet mobility requirements.

Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

1 HWY: 050
M.P.: 13.91
UNIT FILE CODE 22180
DFI/TSSU NO. 11F056

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

GENERAL CONSTRUCTION

SHEET NO. C604

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1" = 20'

No.	DATE	REVISIONS	BY
1	1-4-22	School Zone Flashing Beacon, Storm Sewer	L.C.H.

1. *Connect to extg. walk*
2. *Const. curb & gutter*
3. *Const. P.C. conc. sidewalk*
4. *Const. curb transition*
5. *Connect to extg. curb*
6. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes
   on new surface - 12 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC611)
7. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes
   on new surface - 12 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC612)
8. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes
   on new surface - 12 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC613)
9. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes
   on new surface - 17 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see sht. BC613)
10. *Const. curb ramp, Perpendicular*
    Inst. safety yellow truncated domes
    on new surface - 17 sq. ft.
    PCC surfacing
    Ramp 1 - SY
    (For details, see sht. BC614)
11. *Const. curb ramp, Perpendicular*
    Inst. safety yellow truncated domes
    on new surface - 12 sq. ft.
    PCC surfacing
    Ramp 2 - SU
    (For details, see sht. BC614)
12. *Remove extg. crosswalk*
13. *Install continental crosswalk*
14. *Remove & Reinstall sign(s) on new PSST support*
15. *Preserve & protect extg. utility pole*
16. *Install stop bar*
17. *Adjust water meter box*
18. *Adjust water valve box*
19. *Preserve & protect extg. manhole*
20. *Const. type "CG-3" inlet - Sump 2'*
    IE (12" out) = 4068.40' (W)
    Inst. 12" C900 PVC storm sew. pipe - 41'
    5' depth
    slope = 0.005 ft./ft.
21. *Const. type "G-2" inlet - Sump 2'*
    IE (12" out) = 4068.41' (S)
    Inst. 12" C900 PVC storm sew. pipe - 44'
    5' depth
    slope = 0.005 ft./ft.
22. *Const. type "CG-3" inlet - Sump 2'*
    IE (12" in) = 4068.20' (N)
    IE (12" in) = 4068.20' (E)
    IE (12" out) = 4068.10' (S)
    Inst. 12" C900 PVC storm sew. pipe - 51'
    5' depth
    slope = 0.005 ft./ft.
    Trench resurfacing area - 22.5 sy
    (See general note 2)
23. *Constuct gutter transition*
24. *Install inlet protection (Type 3)*
25. *Remove striping in intended crossing*
26. *Install rock mulch*
27. *Install 4" white line*
28. *Grind and inlay*
29. *Const. storm sew. manhole 48" dia. over extg. pipe*
    rotate cone to avoid curb
    IE (12" in) = 4067.84' (N)
    IE (extg. 15" in) = 4066.57' (W)
    IE (extg. 15" out) = 4066.57' (E)
    5' depth
30. *Const. standard curb*
31. *Const. PCC dwy., option A*
    (For details, see sht. BB602)
32. *Install inlet protection (Type 10)*
33. *Remove and Reinstall school zone flashing beacon on new vehicle signal pedestal foundation.*

ADA CURB RAMP PILOT PROGRAM PROJECT

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HWY: 050
M.P.: 13.91
UNIT FILE CODE 22181
DFI/TSSU NO. 11F056

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner
Drafter: Stuart Smith
Reviewer: Mike Hohbach
Checker: Tony Quinn

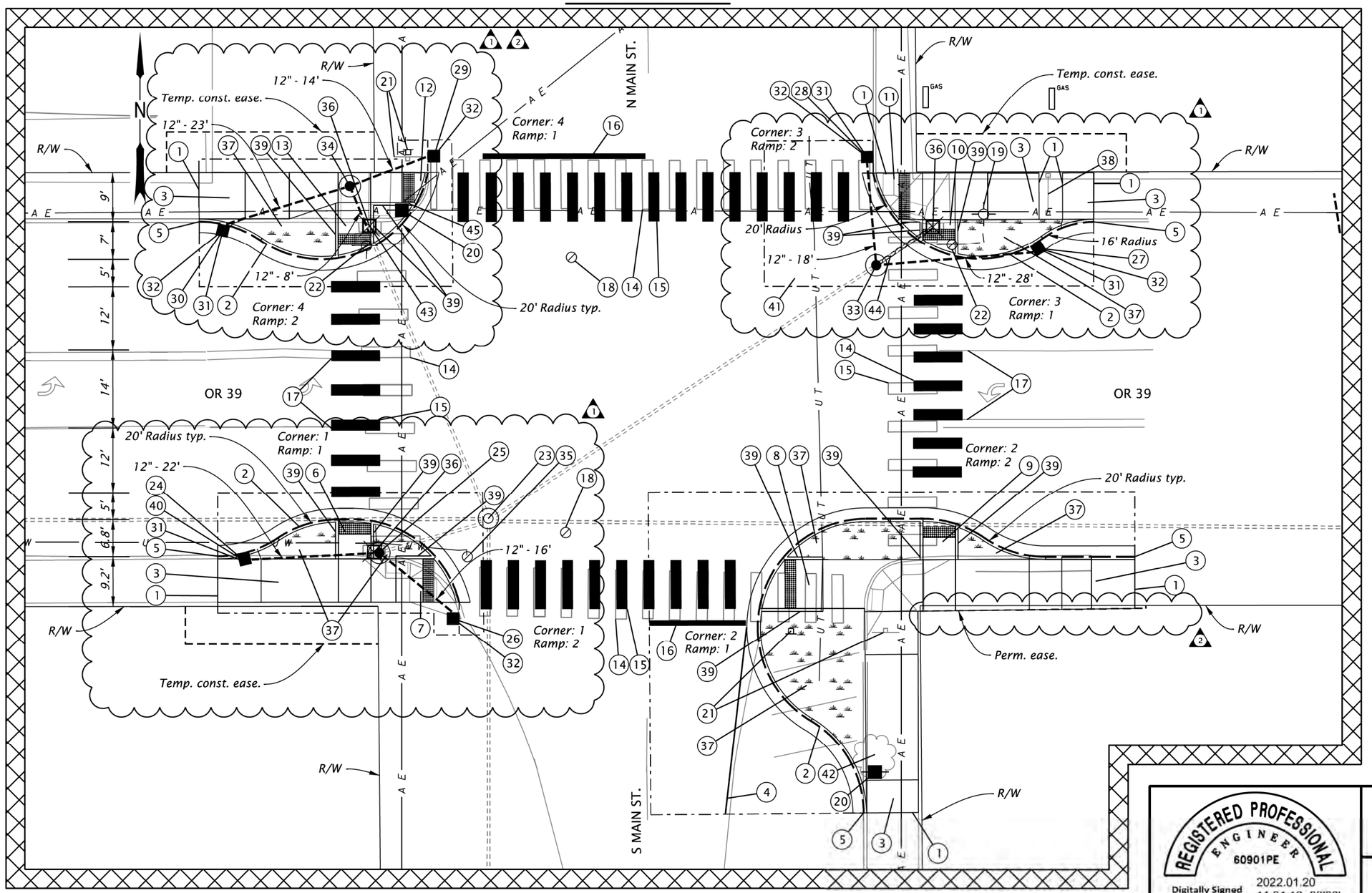
GENERAL CONSTRUCTION NOTES

SHEET NO. C604A

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

OR 39: N POLK ST. TO N LINCOLN ST.

MERRILL SITE 5



No.	DATE	REVISIONS	BY
1	1-4-22	Storm Sewer	L.C.H.
2	1-19-22	Sidewalk design and removed temp. const. ease.	L.C.H.

General Note:
1. Underground storm and sanitary sewer are assumed locations based on existing structures. Contractor to verify location, material, size, elevation, and slope.

Right-of-Way delays or access delays (See 00180.65)

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FEET

ADA CURB RAMP PILOT PROGRAM PROJECT

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner | Reviewer: Mike Hohbach
Drafter: Stuart Smith | Checker: Tony Quinn

GENERAL CONSTRUCTION

SHEET NO. C605

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

1. Connect to extg. walk
2. Const. curb & gutter
3. Const. P.C. conc. sidewalk
4. Install 4" white line
5. Connect to extg. curb
6. Const. curb ramp, Perpendicular
   Inst. safety yellow truncated domes
   on new surface - 12 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC615)
7. Const. curb ramp, Perpendicular
   Inst. safety yellow truncated domes
   on new surface - 16 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see sht. BC615)
8. Const. curb ramp, Perpendicular
   Inst. safety yellow truncated domes
   on new surface - 18 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC616)
9. Const. curb ramp, Perpendicular
   Inst. safety yellow truncated domes
   on new surface - 12 sq. ft.
   PCC surfacing
   Ramp 2 - SU
   (For details, see sht. BC616)
10. Const. curb ramp, Perpendicular
    Inst. safety yellow truncated domes
    on new surface - 12 sq. ft.
    PCC surfacing
    Ramp 1 - SU
    (For details, see sht. BC617)
11. Const. curb ramp, Perpendicular
    Inst. safety yellow truncated domes
    on new surface - 17 sq. ft.
    PCC surfacing
    Ramp 2 - SY
    (For details, see sht. BC617)
12. Const. curb ramp, Perpendicular
    Inst. safety yellow truncated domes
    on new surface - 17 sq. ft.
    PCC surfacing
    Ramp 1 - SY
    (For details, see sht. BC618)
13. Const. curb ramp, Perpendicular
    Inst. safety yellow truncated domes
    on new surface - 12 sq. ft.
    PCC surfacing
    Ramp 2 - SU
    (For details, see sht. BC618)
14. Remove extg. crosswalk
15. Install continental crosswalk
16. Install stop bar
17. Remove striping in intended crossing
18. Preserve & protect extg. water valve
19. Preserve & protect extg. fire hydrant
20. Preserve & protect extg. utility pole
21. Remove & Reinstall sign(s) on new PSST support
22. Relocate extg. water valve (by others)
23. Preserve & protect extg. manhole
24. Const. type "CG-3" inlet - Sump 2'
    IE (12" out) = 4068.73' (E)
    Inst. 12" DI storm sew. pipe - 22'
    5' depth
    slope = 0.005 ft/ft
25. Const. storm sew. manhole 48" dia.
    over extg. pipe
    IE (12" in) = 4068.62' (W)
    IE (12" in) = 4068.62' (SE)
    IE (extg. 12" out) = 4068.52' (NE)
    5' depth
26. Const. type "G-2MA" inlet - Sump 2'
    IE (12" out) = 4068.67' (NW)
    Inst. 12" DI storm sew. pipe - 16'
    5' depth
    slope = 0.003 ft/ft
27. Const. type "G-2" inlet - Sump 2'
    IE (12" out) = 4068.02' (W)
    Inst. 12" DI storm sew. pipe - 28'
    5' depth
    slope = 0.005 ft/ft
28. Const. type "G-2" inlet - Sump 2'
    IE (12" out) = 4067.97' (S)
    Inst. 12" DI storm sew. pipe - 18'
    5' depth
    slope = 0.005 ft/ft
29. Const. type "G-2MA" inlet - Sump 2'
    IE (12" out) = 4068.93' (SW)
    Inst. 12" DI storm sew. pipe - 14'
    5' depth
    slope = 0.003 ft/ft
30. Const. type "G-1" inlet - Sump 2'
    IE (12" out) = 4068.95' (E)
    Inst. 12" DI storm sew. pipe - 23'
    5' depth
    slope = 0.003 ft/ft
31. Const. gutter transition
32. Install inlet protection (Type 3)
33. Const. storm sew. manhole 48" dia. over extg. pipe
    IE (12" in) = 4067.88' (N)
    IE (12" in) = 4067.88' (E)
    IE (extg. 12" out) = 4067.78' (SW)
    5' depth
34. Const. storm sew. manhole 48" dia.
    IE (12" in) = 4068.89' (SW)
    IE (12" in) = 4068.89' (NE)
    IE (12" out) = 4068.79' (SE)
    Install 12" DI storm sew. pipe - 8'
    5' depth
    Slope - 0.053 ft./ft.
35. Adjust water valve box
36. Remove extg. inlet
37. Install rock mulch
38. Preserve & protect extg. sign
39. Const. standard curb
40. Install inlet protection (Type 10)
41. Grind and inlay
42. Remove Tree
43. Connect to extg. 12" storm sewer pipe
44. Remove extg. storm sewer pipe 12" - 13'
45. Relocate extg. conduit (by others)

No.	DATE	REVISIONS	BY
1	1-4-22	School Zone Flashing Beacon, Storm Sewer	L.C.H.
2	1-19-22	Sidewalk design	L.C.H.

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
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OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner | Reviewer: Mike Hohbach
Drafter: Stuart Smith | Checker: Tony Quinn

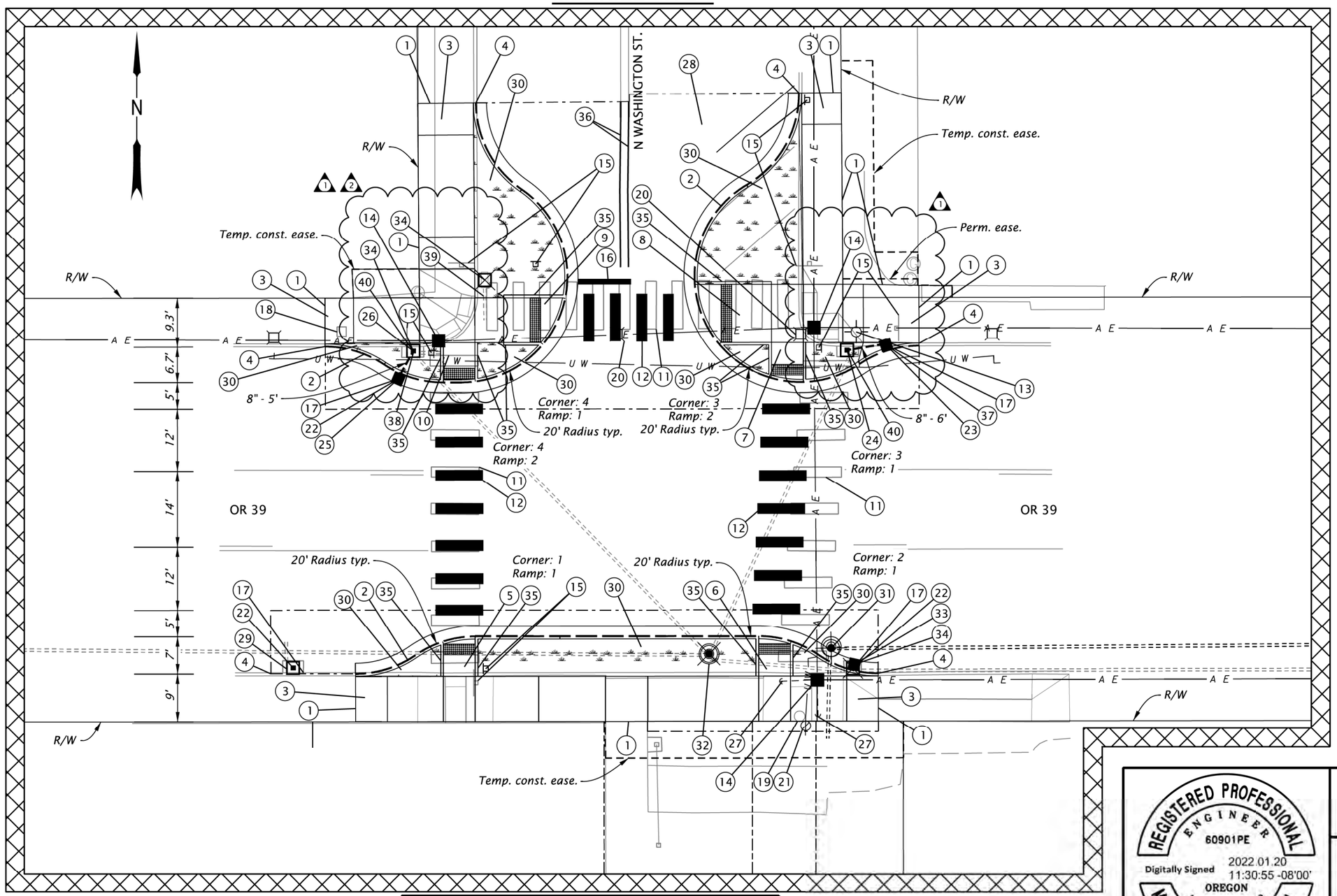
GENERAL CONSTRUCTION NOTES

SHEET NO. C605A

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

OR 39: N POLK ST. TO N LINCOLN ST.

MERRILL SITE 6



General Note:
1. Underground storm and sanitary sewer are assumed locations based on existing structures. Contractor to verify location, material, size, elevation, and slope.

Right-of-Way delays or access delays (See 00180.65)

No.	DATE	REVISIONS	BY
1	1-4-22	Storm Sewer	L.C.H.
2	1-19-22	Removed perm. ease.	L.C.H.

ADA CURB RAMP PILOT PROGRAM PROJECT

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KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

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Drafter: Stuart Smith | Checker: Tony Quinn

GENERAL CONSTRUCTION

SHEET NO. C606

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

No.	DATE	REVISIONS	BY
1	1-4-22	Storm Sewer	L.C.H.

1. *Connect to extg. walk*
2. *Const. curb & gutter*
3. *Const. P.C. conc. sidewalk*
4. *Connect to extg. curb*
5. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes
   on new surface - 12 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC619)
6. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes
   on new surface - 12 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC620)
7. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes
   on new surface - 12 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC621)
8. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes
   on new surface - 22 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see sht. BC621)
9. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes
   on new surface - 17 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC622 & BC622A)
10. *Const. curb ramp, Perpendicular*
    Inst. safety yellow truncated domes
    on new surface - 12 sq. ft.
    PCC surfacing
    Ramp 2 - SU
    (For details, see sht. BC622 & BC622A)
11. *Remove extg. crosswalk*
12. *Install crosswalk*
13. *Preserve & protect extg. fire hydrant*
14. *Preserve & protect extg. utility pole*
15. *Remove & Reinstall sign(s) on new PSST support*
16. *Install stop bar*
17. *Const. gutter transition*
18. *Preserve & protect extg. mail boxes*
19. *Preserve & protect extg. bollard*
20. *Adjust water meter box*
21. *Adjust water valve box*
22. *Install inlet protection (Type 3)*
23. *Const. type "CG-3" inlet - Sump 2'*
    IE (8" out) = 4067.73' (W)
    Inst. 8" DI storm sew. pipe - 6'
    5' depth
    slope = 0.010 ft./ft.
24. *Adjust inlet*
    IE (8" in) = 4067.67' (W)
    IE (extg. 12" out) = 4067.57' (SW)
    5' depth
25. *Const. type "G-2" inlet - Sump 2'*
    IE (8" out) = 4067.62' (N)
    Inst. 8" DI storm sew. pipe - 5'
    5' depth
    slope = 0.010 ft/ft
26. *Adjust inlet*
    IE (8" in) = 4067.57' (S)
    IE (extg. 12" out) = 4067.47' (SE)
    5' depth
27. *Relocate guy wires (By others)*
28. *Grind and inlay*
29. *Adjust inlet*
30. *Install rock mulch*
31. *Minor manhole adjust*
32. *Major manhole adjust*
33. *Const. type "G-1" inlet over extg. pipe- Sump 2'*
    IE (extg. 12" in) = 4065.95' (E)
    IE (extg. 12" out) = 4065.32' (W)
    5' depth
34. *Remove extg. inlet*
35. *Const. standard curb*
36. *Install 4" yellow line*
    (see dwg. no. TM500)
37. *Install inlet protection (Type 10)*
38. *Connect to extg. 12" storm sewer pipe*
39. *Remove extg. storm sewer pipe 4" - 25'*
40. *Connect to extg. structure*

REGISTERED PROFESSIONAL ENGINEER
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EXPIRES 6-30-23

ADA CURB RAMP PILOT PROGRAM PROJECT

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner | Reviewer: Mike Hohbach
Drafter: Stuart Smith | Checker: Tony Quinn

GENERAL CONSTRUCTION NOTES

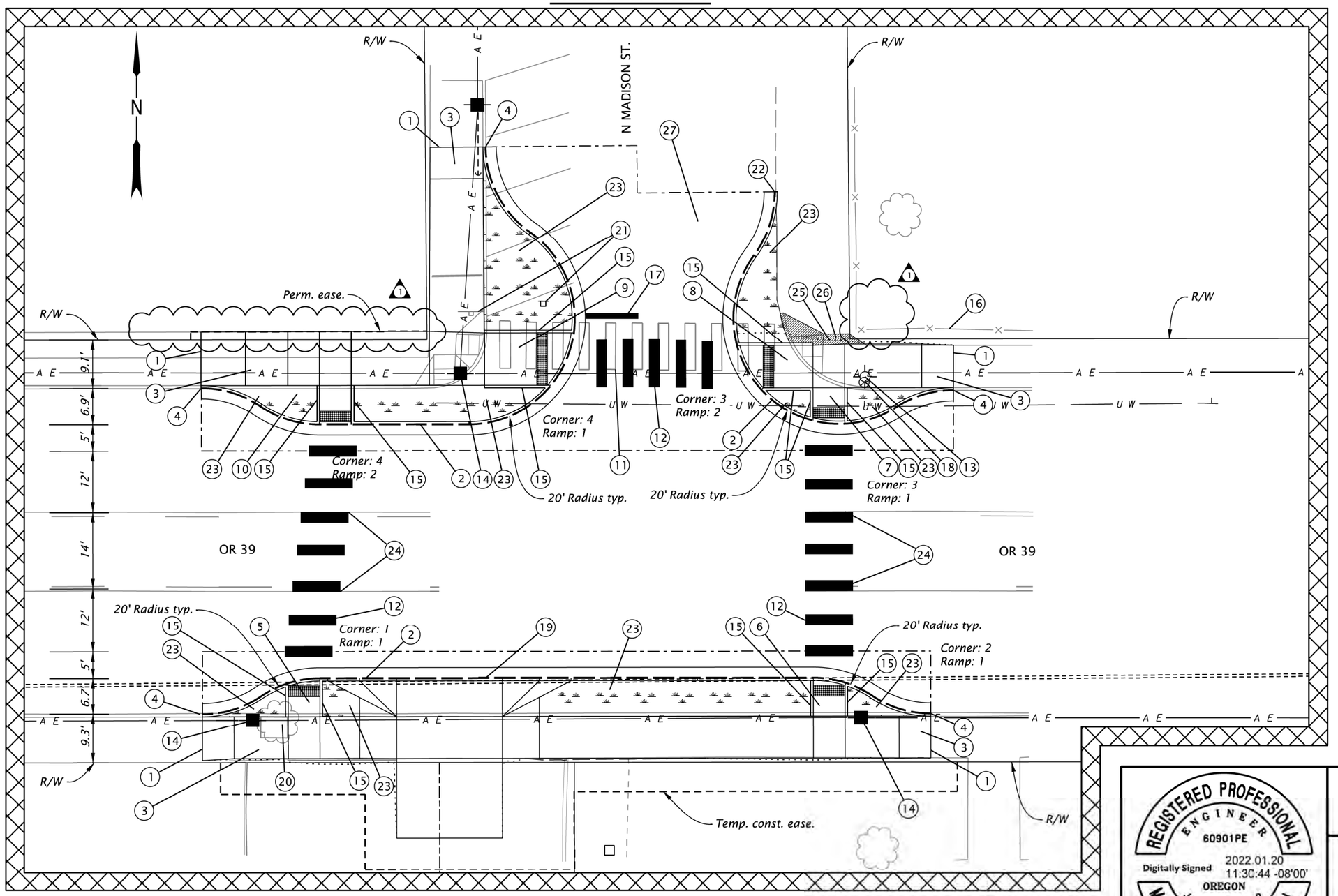
SHEET NO. C606A

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1" = 20'

OR 39: N POLK ST. TO N LINCOLN ST.

MERRILL SITE 7



Right-of-Way delays or access delays (See 00180.65)

No.	DATE	REVISIONS	BY
1	1-19-22	Removed temp. const. ease.	L.C.H.

20 10 0 20
FEET

ADA CURB RAMP PILOT PROGRAM PROJECT

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EXPIRES 6-30-23

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KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

GENERAL CONSTRUCTION

SHEET NO. C607

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

1. *Connect to extg. walk*
2. *Const. curb & gutter*
3. *Const. P.C. conc. sidewalk*
4. *Connect to extg. curb*
5. *Const. curb ramp, Combination*
   Inst. safety yellow truncated domes
   on new surface - 12 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC622)
6. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes
   on new surface - 12 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC623)
7. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes
   on new surface - 12 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC624)
8. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes
   on new surface - 20 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see sht. BC624)
9. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes
   on new surface - 20 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC625)
10. *Const. curb ramp, Perpendicular*
    Inst. safety yellow truncated domes
    on new surface - 12 sq. ft.
    PCC surfacing
    Ramp 2 - SU
    (For details, see sht. BC625)
11. *Remove extg. crosswalk*
12. *Install crosswalk*
13. *Preserve & protect extg. fire hydrant*
14. *Preserve & protect extg. utility pole*
15. *Const. standard curb*
16. *Preserve & protect extg. fence*
17. *Install stop bar*
18. *Adjust water valve box*
19. *Const. PCC dwy., option A*
    (For details, see sht. BB603)
20. *Remove tree*
21. *Remove & Reinstall sign(s) on new PSST support*
22. *Const. curb transition*
23. *Install rock mulch*
24. *Remove striping within intended crossing*
25. *Remove sidewalk, shown thus:*
    4.3 sq.yd.
26. *Install aggr. shldr. rock - 0.03 tons*
27. *Grind and inlay*

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
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MICHAEL J. HOHBACH

EXPIRES 6-30-23

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner | Reviewer: Mike Hohbach
Drafter: Stuart Smith | Checker: Tony Quinn

GENERAL CONSTRUCTION NOTES

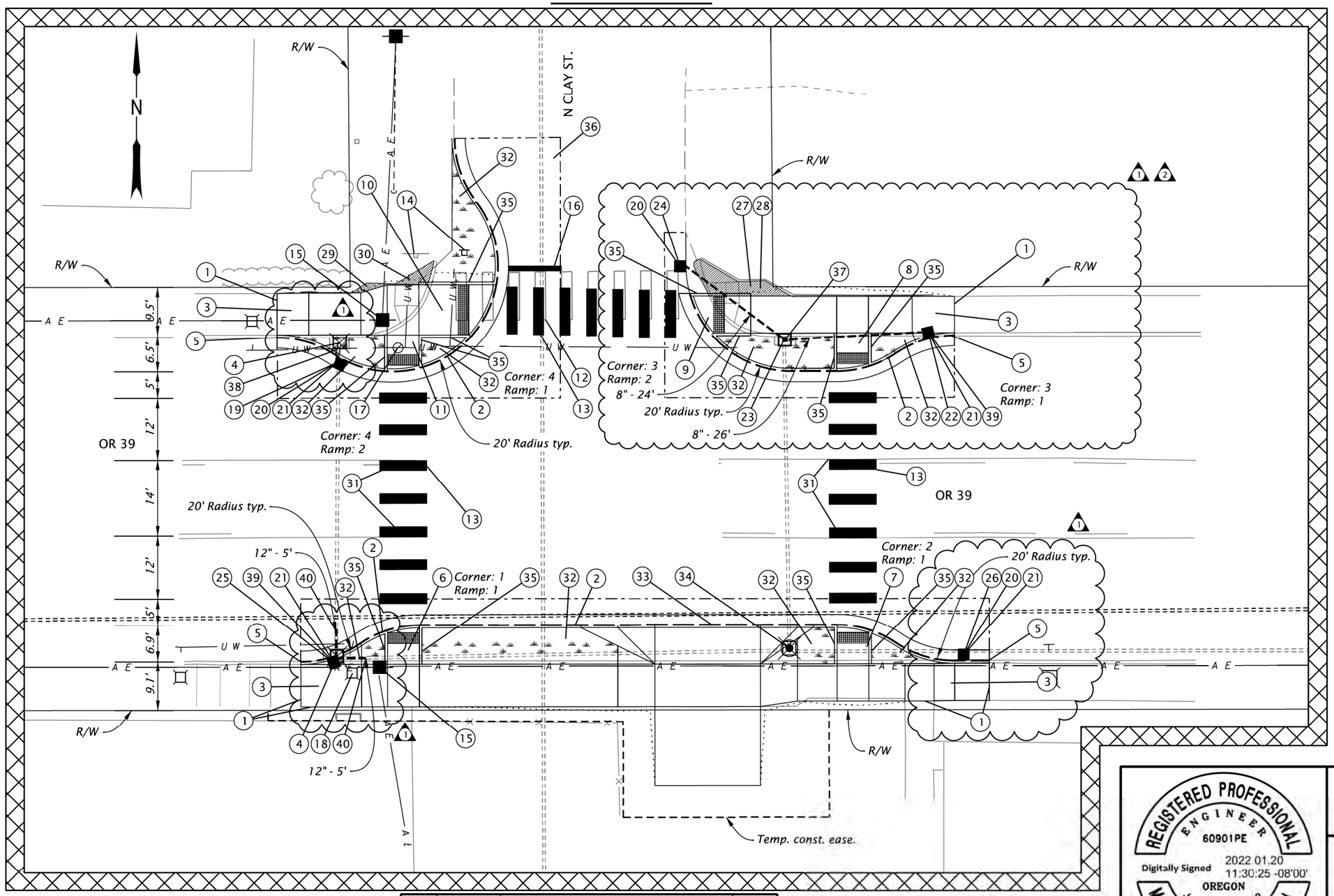
SHEET NO. C607A

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1" = 20'

OR 39: N POLK ST. TO N LINCOLN ST.

MERRILL SITE 8



General Note:
1. Underground storm and sanitary sewer are assumed locations based on existing structures. Contractor to verify location, material, size, elevation, and slope.

Right-of-Way delays or access delays (See 00180.65)

No.	DATE	REVISIONS	BY
1	1-4-22	Storm Sewer	L.C.H.
2	1-19-22	Removed temp. const. ease.	L.C.H.

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FEET

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
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KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
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Drafter: Stuart Smith | Checker: Tony Quinn

GENERAL CONSTRUCTION

SHEET NO. C608

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1" = 20'

No.	DATE	REVISIONS	BY
1	1-4-22	Storm Sewer	L.C.H.

1. *Connect to extg. walk*
2. *Const. curb & gutter*
3. *Const. P.C. conc. sidewalk*
4. *Remove extg. inlet*
5. *Connect to extg. curb*
6. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes
   on new surface - 12 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC626)
7. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes
   on new surface - 12 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC627)
8. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes
   on new surface - 12 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC628)
9. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes
   on new surface - 14 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see sht. BC628)
10. *Const. curb ramp, Perpendicular*
    Inst. safety yellow truncated domes
    on new surface - 19 sq. ft.
    PCC surfacing
    Ramp 1 - SY
    (For details, see sht. BC629)
11. *Const. curb ramp, Perpendicular*
    Inst. safety yellow truncated domes
    on new surface - 12 sq. ft.
    PCC surfacing
    Ramp 2 - SU
    (For details, see sht. BC629)
12. *Remove extg. crosswalk*
13. *Install crosswalk*
14. *Remove & Reinstall sign(s) on new PSST support*
15. *Preserve & protect extg. utility pole*
16. *Install stop bar*
17. *Relocate extg. water valve (by others)*
18. *Adjust water meter box*
19. *Const. type "G-2" inlet over extg. pipe - Sump 2'*
    IE (extg. 12" out) = 4067.42' (S)
    5' depth
20. *Install inlet protection (Type 3)*
21. *Const. gutter transition*
22. *Const. type "CG-3" inlet - Sump 2'*
    IE (8" out) = 4067.04' (W)
    Inst. 8" C900 PVC storm sew. pipe - 26'
    5' depth
    slope = 0.010 ft./ft.
23. *Adjust inlet*
    IE (8" in) = 4066.78' (NE)
    IE (8" in) = 4066.78' (W)
    IE (extg. 12" out) = 4066.68' (NE)
    5' depth
24. *Const. type "G-2MA" inlet - Sump 2'*
    IE (8" out) = 4067.01' (SE)
    Inst. 8" DI storm sew. pipe - 24'
    5' depth
    slope = 0.010 ft./ft.
25. *Const. type "CG-3" inlet - Sump 2'*
    IE (12" in) = 4066.94' (N)
    Inst. 12" DI storm sew. pipe - 5'
    IE (extg. 12" out) = 4066.98' (E)
    Inst. 12" DI storm sew. pipe - 5'
    5' depth
    slope = 0.009 ft./ft.
26. *Const. type "G-1" inlet over extg. pipe - Sump 2'*
    IE (extg. 15" in) = 4065.66' (W)
    IE (extg. 15" out) = 4065.66' (E)
    5' depth
27. *Remove sidewalk, shown thus:*
    6.2 sq.yd.
28. *Install aggr. shldr. rock - 0.05 tons*
29. *Remove sidewalk, shown thus:*
    2.3 sq.yd.
30. *Install aggr. shldr. rock - 0.02 tons*
31. *Remove striping within intended crossing*
32. *Install rock mulch*
33. *Const. PCC dwy., option A*
    (For details, see sht. BB604)
34. *Major manhole adjust*
    Remove extg. manhole inlet grate
    Inst. manhole lid
35. *Const. standard curb*
36. *Grind and inlay*
37. *Connect to extg. structure*
38. *Remove extg. storm sewer pipe 12" - 5'*
39. *Install inlet protection (Type 10)*
40. *Connect to extg. 12" storm sewer pipe*

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
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CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner | Reviewer: Mike Hohbach
Drafter: Stuart Smith | Checker: Tony Quinn

GENERAL CONSTRUCTION NOTES

SHEET NO. C608A

FINAL ELECTRONIC DOCUMENT
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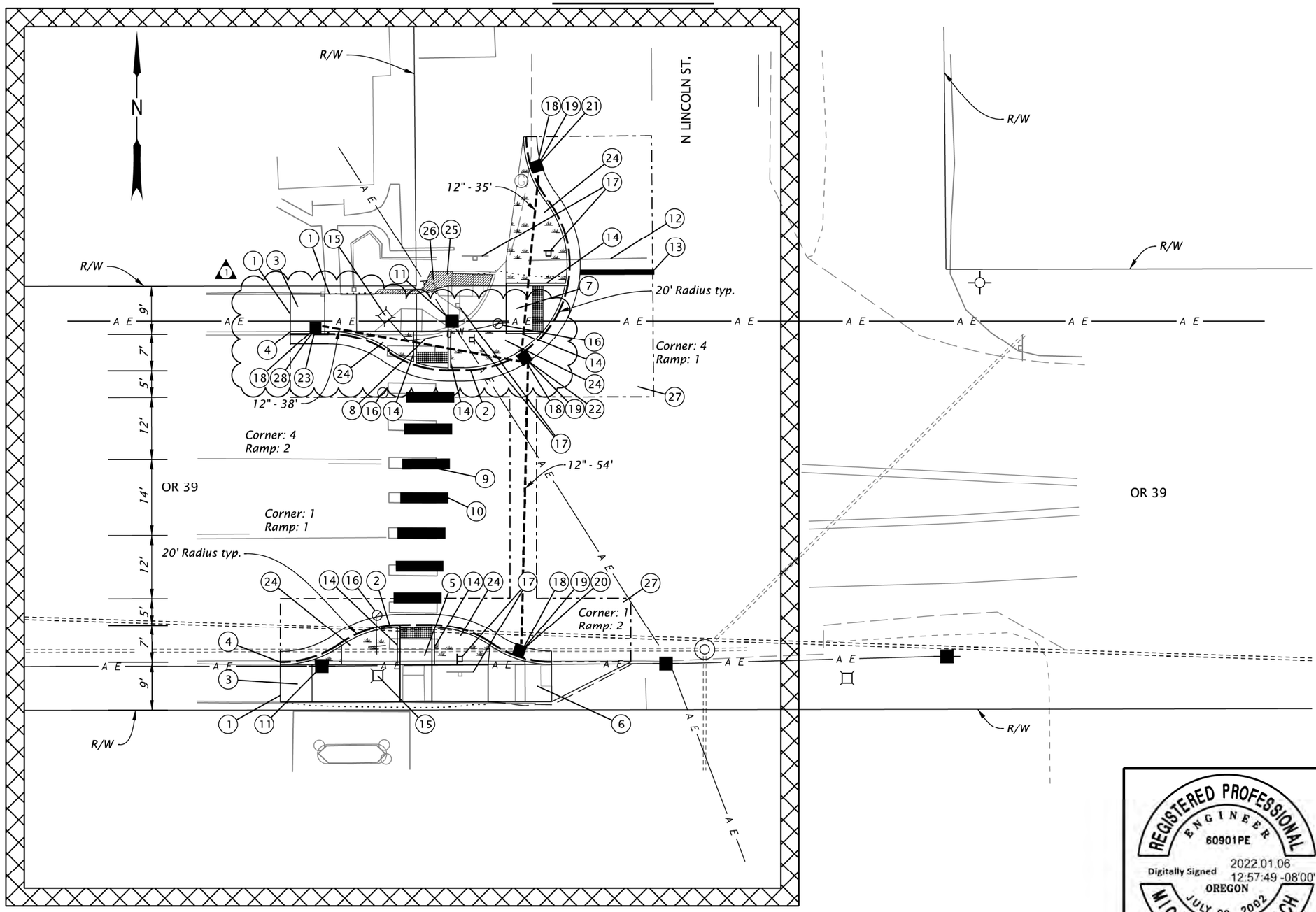
OR 39: N POLK ST. TO N LINCOLN ST.

MERRILL SITE 9



No.	DATE	REVISIONS	BY
1	1-4-22	Storm Sewer	L.C.H.

General Note:
1. Underground storm and sanitary sewer are assumed locations based on existing structures. Contractor to verify location, material, size, elevation, and slope.
2. Contractor to construct storm sewer pipe in 12' sections, leaving 28' of traversible surface available to meet mobility requirements.

Right-of-Way delays or access delays (See 00180.65)

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VARIOUS HIGHWAYS
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GENERAL CONSTRUCTION

SHEET NO. C609

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1" = 20'

No.	DATE	REVISIONS	BY
1	1-4-22	Storm Sewer	L.C.H.

1. *Connect to extg. walk*
2. *Const. curb & gutter*
3. *Const. P.C. conc. sidewalk*
4. *Connect to extg. curb*
5. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes on new surface - 12 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC631)
6. *Const. curb ramp, End of walk*
   Taper Option EW-1
   PCC surfacing
   Ramp 2 - SU
   (For details, see sht. BC631)
7. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes on new surface - 17 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC632)
8. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes on new surface - 12 sq. ft.
   PCC surfacing
   Ramp 2 - SU
   (For details, see sht. BC632)
9. *Remove extg. crosswalk*
10. *Install continental crosswalk*
11. *Preserve & protect extg. utility pole*
12. *Remove extg. stop bar*
13. *Install stop bar*
14. *Const. standard curb*
15. *Adjust water meter box*
16. *Adjust water valve box*
17. *Remove & Reinstall sign(s) on new PSST support*
18. *Const. gutter transition*
19. *Install inlet protection (Type 3)*

1
20. *Const. type "G-1" inlet over extg. pipe - Sump 2'*
    IE (12" in) = 4065.48' (N)
    IE (extg. 15" in) = 4065.11' (W)
    IE (extg. 15" out) = 4065.11' (E)
    5' depth
21. *Const. type "G-2" inlet - Sump 2'*
    IE (12" out) = 4066.02' (S)
    Inst. 12" C900 PVC storm sew. pipe - 35'
    5' depth
    slope = 0.005 ft/ft
22. *Const. type "G-2" inlet - Sump 2'*
    IE (12" in) = 4065.85' (N)
    IE (12" in) = 4065.85' (W)
    IE (12" out) = 4065.75' (S)
    Inst. 12" C900 PVC storm sew. pipe - 54'
    5' depth
    slope = 0.005 ft/ft
    Trench resurfacing area - 22.5 sy
    (See general note 2)
23. *Const. type "CG-3" inlet - Sump 2'*
    IE (12" out) = 4066.04' (W)
    Inst. 12" C900 PVC storm sew. pipe - 38'
    5' depth
    slope = 0.005 ft/ft

24. *Install rock mulch*
25. *Remove sidewalk, shown thus:* *4.3 sq. yd.*
26. *Install aggr. shldr. rock - 0.02 tons*
27. *Grind and inlay*

1
28. *Install inlet protection (Type 10)*

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KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

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GENERAL CONSTRUCTION NOTES

SHEET NO. C609A

FINAL ELECTRONIC DOCUMENT
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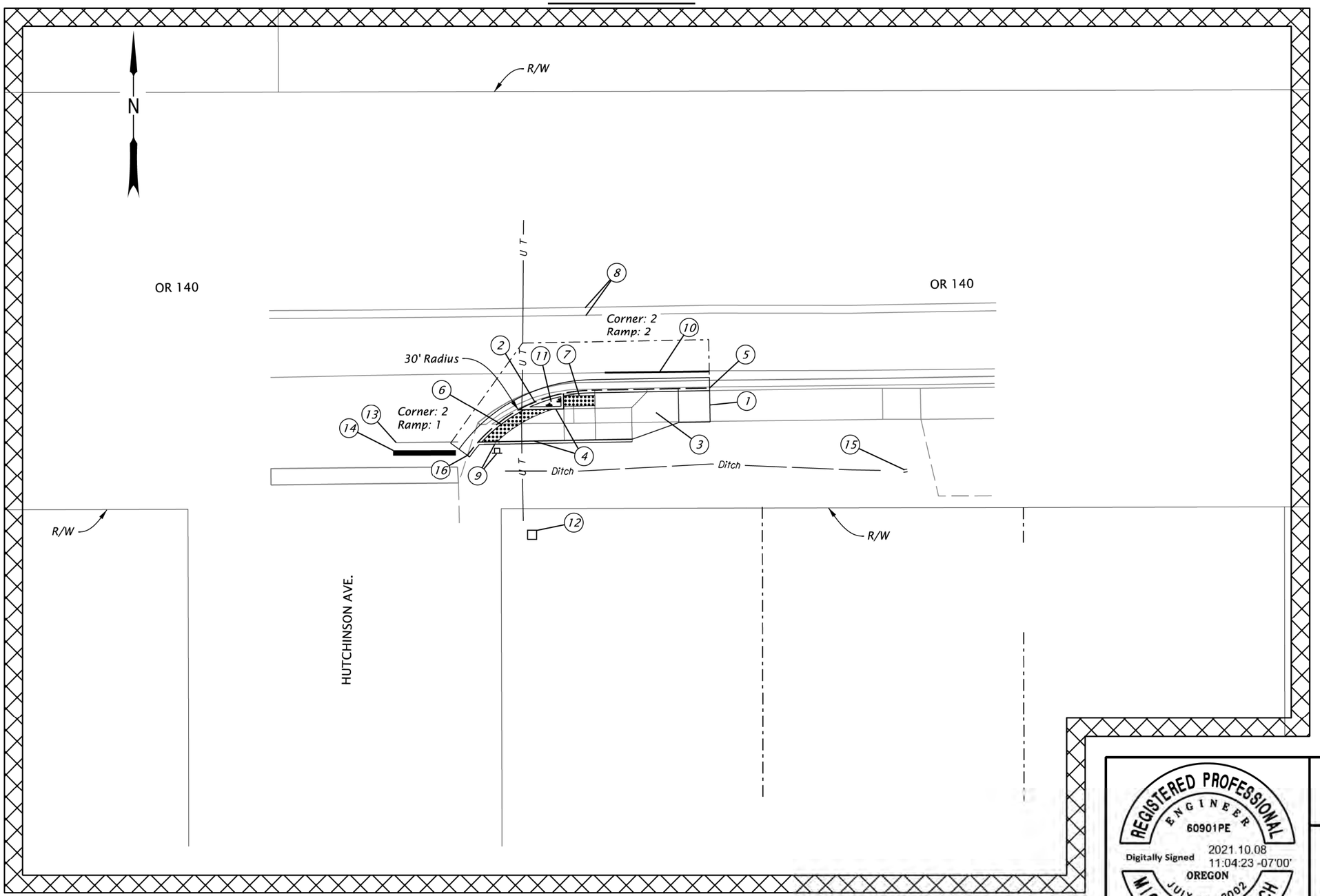
Rotation: 0° Scale: 1" = 20'

OR 140: HUTCHINSON AVE. TO M.P. 41.11

BEATTY SITE 1



Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

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CURB RAMPS PROJECT

VARIOUS HIGHWAYS
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Designer: Landon Hepfner | Reviewer: Mike Hohbach
Drafter: Stuart Smith | Checker: Tony Quinn

GENERAL CONSTRUCTION

SHEET NO. C701

FINAL ELECTRONIC DOCUMENT
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Rotation: 0° Scale: 1" = 20'

1. *Connect to extg. walk*

2. *Const. curb and gutter*
(See dwg. no. RD700)

3. *Const. P.C. conc. sidewalk*
(See dwg. no. RD721)

4. *Const. standard curb*
(See dwg. no. RD700)

5. *Connect to extg. curb*

6. *Const. curb ramp, Perpendicular*
Inst. radial safety yellow truncated domes
on new surface - 19.5 sq. ft.
PCC surfacing
Ramp 1 - SY
(For details, see sht. BC701)
(See dwg. nos. RD900, RD902, RD904,
RD905, RD910, RD912, RD913 and RD916)

7. *Const. curb ramp, Combination*
Inst. safety yellow truncated domes
on new surface - 12.0 sq. ft.
PCC surfacing
Ramp 2 - SU
(For details, see sht. BC701)
(See dwg. nos. RD900, RD902, RD904,
RD905, RD930, RD932 and RD938)

8. *Remove extg. striping within intended crossing location*
(For details, see sheet BA01)

9. *Remove & Reinstall extg. sign(s) on new PSST support*
(For relocation details, see TM200)
(For support details, see TM681, TM687 and TM688)

10. *Install 4" white line*
(See dwg. no. TM500)

11. *Install rock mulch*
(For details, see sht. BA03)

12. *Preserve & protect extg. utility box*

13. *Remove extg. stop bar*
(For details, see sheet BA01)

14. *Install stop bar*
(See dwg. nos. TM503, TM530)

15. *Preserve & protect extg. culvert*

16. *Const. curb transition*
(See dwg. no. RD700)

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GENERAL CONSTRUCTION NOTES

SHEET NO. C701A

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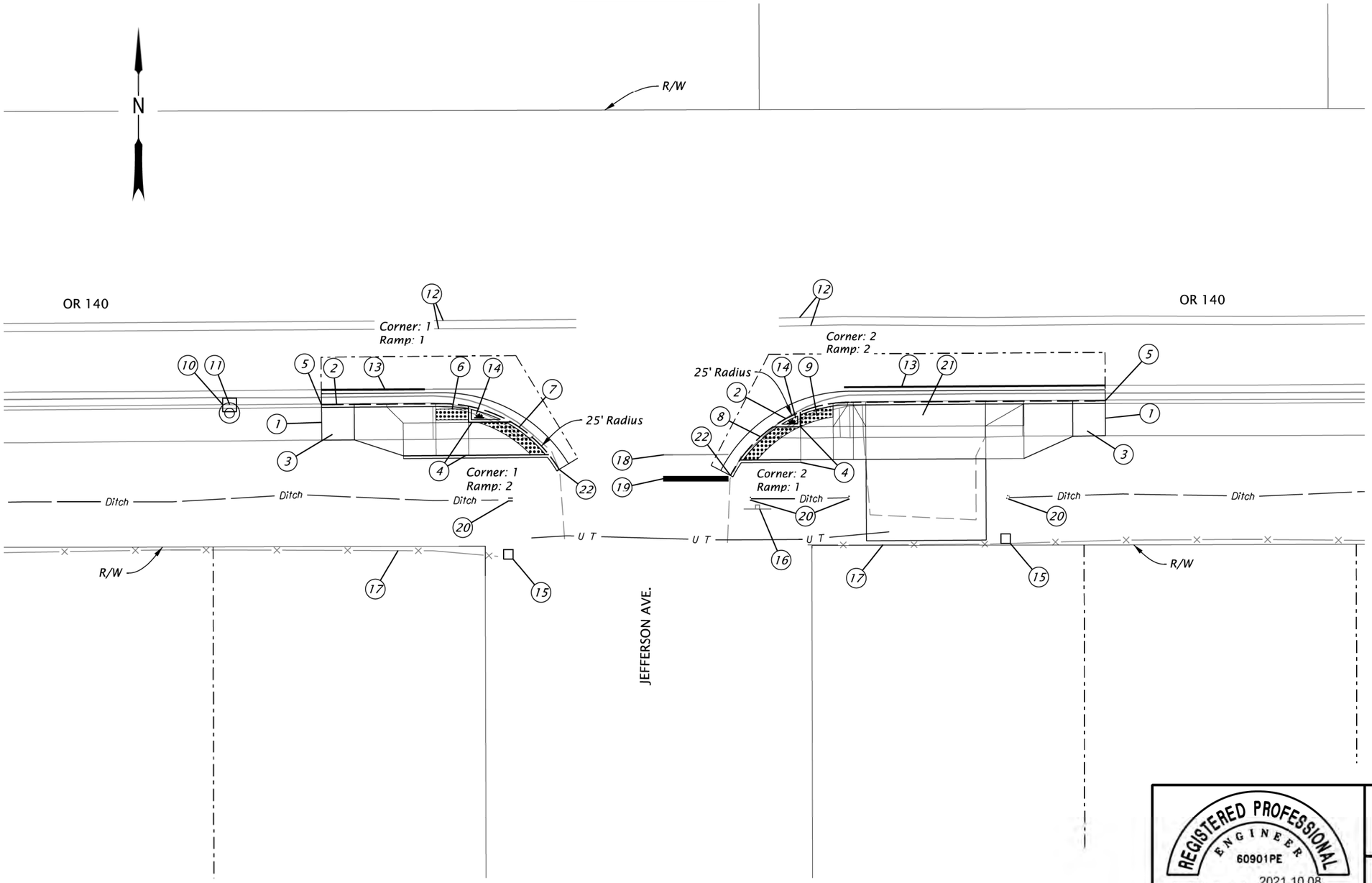
OR 140: HUTCHINSON AVE. TO M.P. 41.11

BEATTY SITE 2



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KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

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Designer: Landon Hepfner
Reviewer: Mike Hohbach
Drafter: Stuart Smith
Checker: Tony Quinn

GENERAL CONSTRUCTION

SHEET NO.
C702

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

1. *Connect to extg. walk*
2. *Const. curb and gutter*
3. *Const. P.C. conc. sidewalk*
4. *Const. standard curb*
5. *Connect to extg. curb*
6. *Const. curb ramp, Combination*
   Inst. safety yellow truncated domes
   on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC702)
7. *Const. curb ramp, Perpendicular*
   Inst. radial safety yellow truncated domes
   on new surface - 17.9 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see sht. BC702)
8. *Const. curb ramp, Perpendicular*
   Inst. radial safety yellow truncated domes
   on new surface - 18.7 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC703)
9. *Const. curb ramp, Perpendicular*
   Inst. radial safety yellow truncated domes
   on new surface - 12.5 sq. ft.
   PCC surfacing
   Ramp 2 - SU
   (For details, see sht. BC703)
10. *Preserve & protect extg. inlet*
11. *Install inlet protection (Type 10)*
    (See dwg. no. RD1010)
12. *Remove extg. striping within intended crossing location*
13. *Install 4" white line*
14. *Install rock mulch*
15. *Preserve & protect extg. utility box*
16. *Preserve & protect extg. sign*
17. *Preserve & protect extg. fence*
18. *Remove extg. stop bar*
19. *Install stop bar*
20. *Preserve & protect extg. culvert*
21. *Const. PCC dwy., option F*
    (For details, see sht. BB701)
    (See std. dwg. nos. RD715 & RD735)
22. *Const. curb transition*

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VARIOUS HIGHWAYS
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Drafter: Stuart Smith | Checker: Tony Quinn

GENERAL CONSTRUCTION NOTES

SHEET NO. C702A

FINAL ELECTRONIC DOCUMENT
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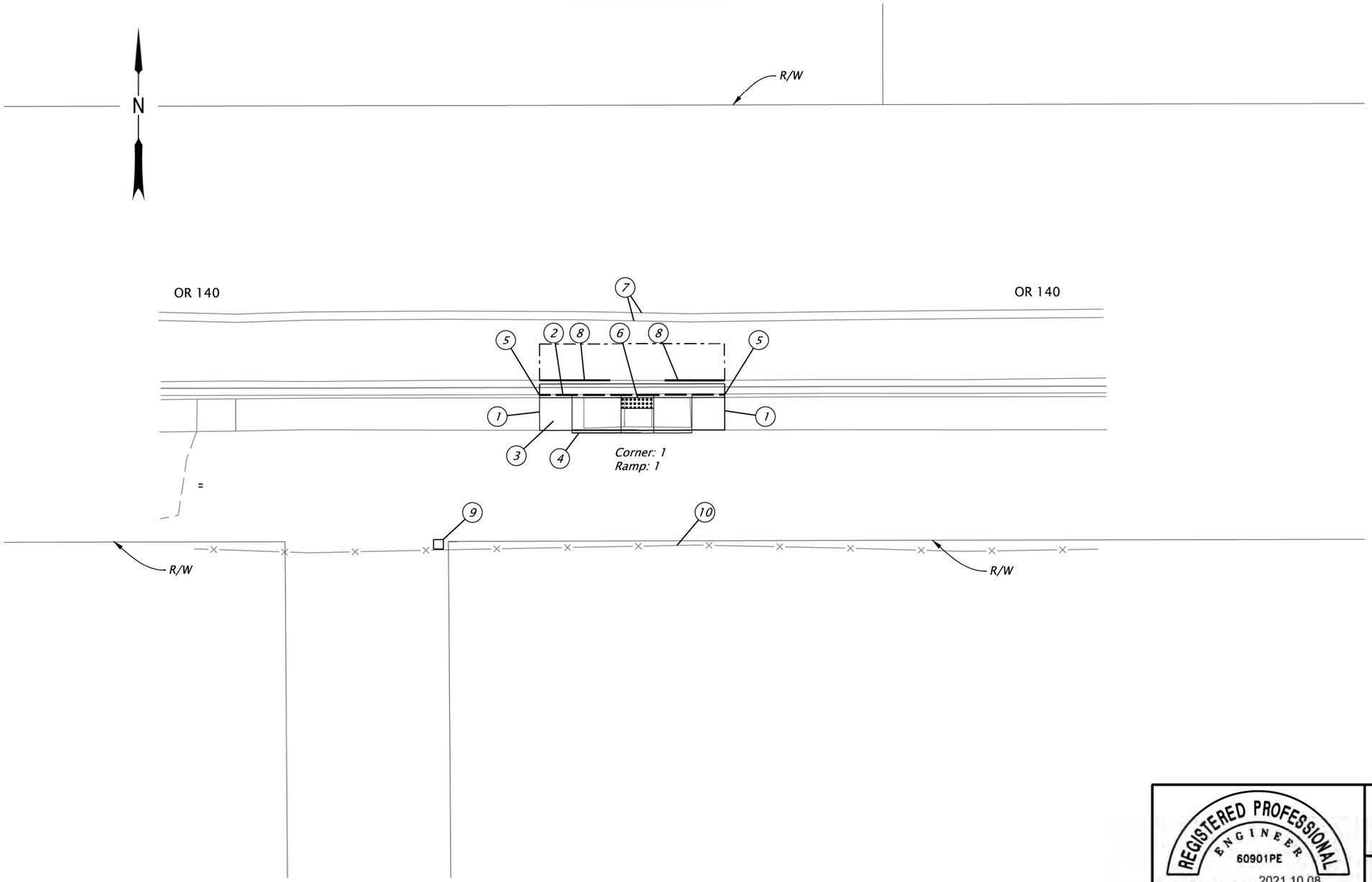
Rotation: 0° Scale: 1" = 20'

OR 140: HUTCHINSON AVE. TO M.P. 41.11

55V-026

BEATTY SITE 3



1. Connect to extg. walk
2. Const. curb and gutter
3. Const. P.C. conc. sidewalk
4. Const. standard curb
5. Connect to extg. curb
6. Const. curb ramp, Parallel
   Inst. safety yellow truncated domes
   on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - MB
   (For details, see sht. BC705)
   (See dwg. nos. RD900, RD901, RD902,
   RD904, RD905, RD920 & RD922)
7. Remove extg. striping within intended crossing location
8. Install 4" white line
9. Preserve & protect extg. utility box
10. Preserve & protect extg. fence

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CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner
Reviewer: Mike Hohbach
Drafter: Stuart Smith
Checker: Tony Quinn

GENERAL CONSTRUCTION

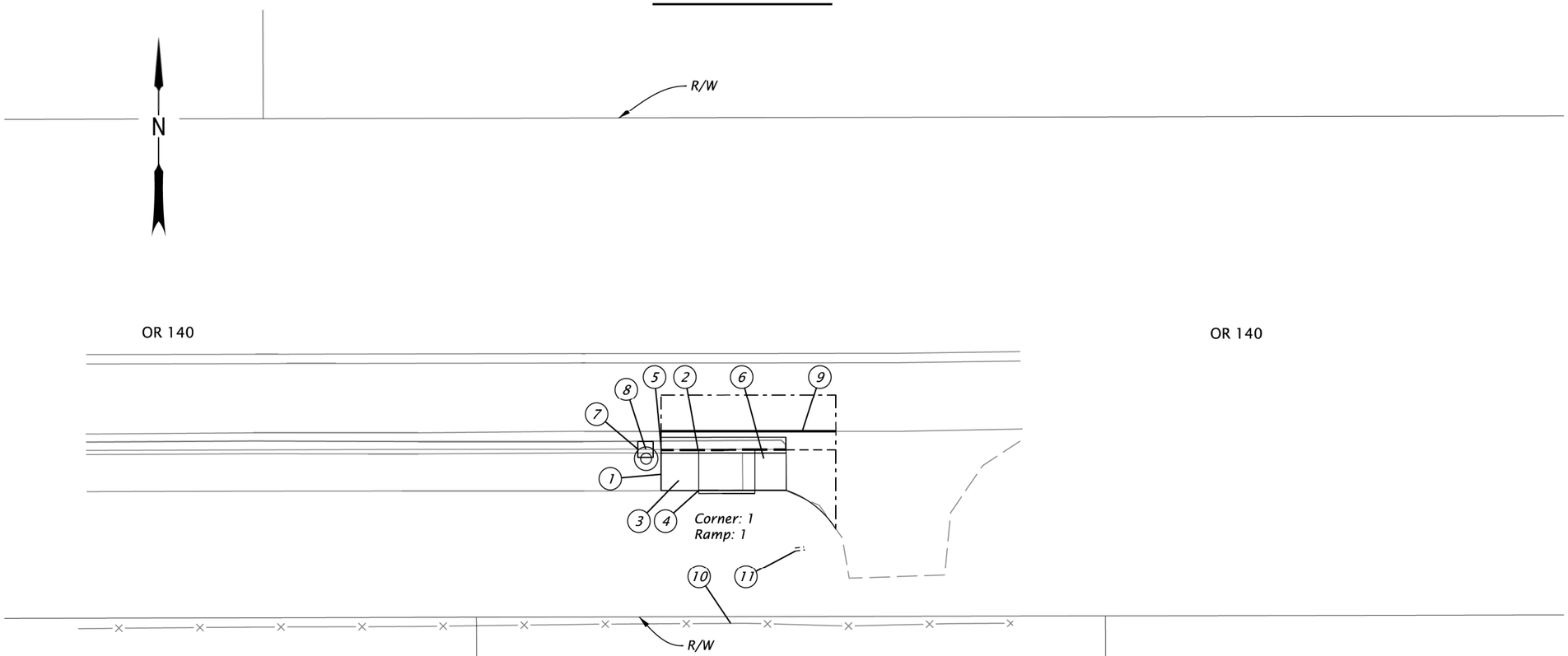
SHEET NO.
C703

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

OR 140: HUTCHINSON AVE. TO M.P. 41.11

55V-026

BEATTY SITE 4



1. Connect to extg. walk
2. Const. curb and gutter
3. Const. P.C. conc. sidewalk
4. Const. standard curb
5. Connect to extg. curb
6. Const. curb ramp, End of walk
   Taper Option EW-2
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC706)
   (See dwg. nos. RD900, RD902, RD904, RD905, RD950 and RD952)
7. Preserve & protect extg. inlet
8. Install inlet protection (Type 10)
9. Install 4" white line
10. Preserve & protect extg. fence
11. Preserve & protect extg. culvert

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KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

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GENERAL CONSTRUCTION

SHEET NO. C704

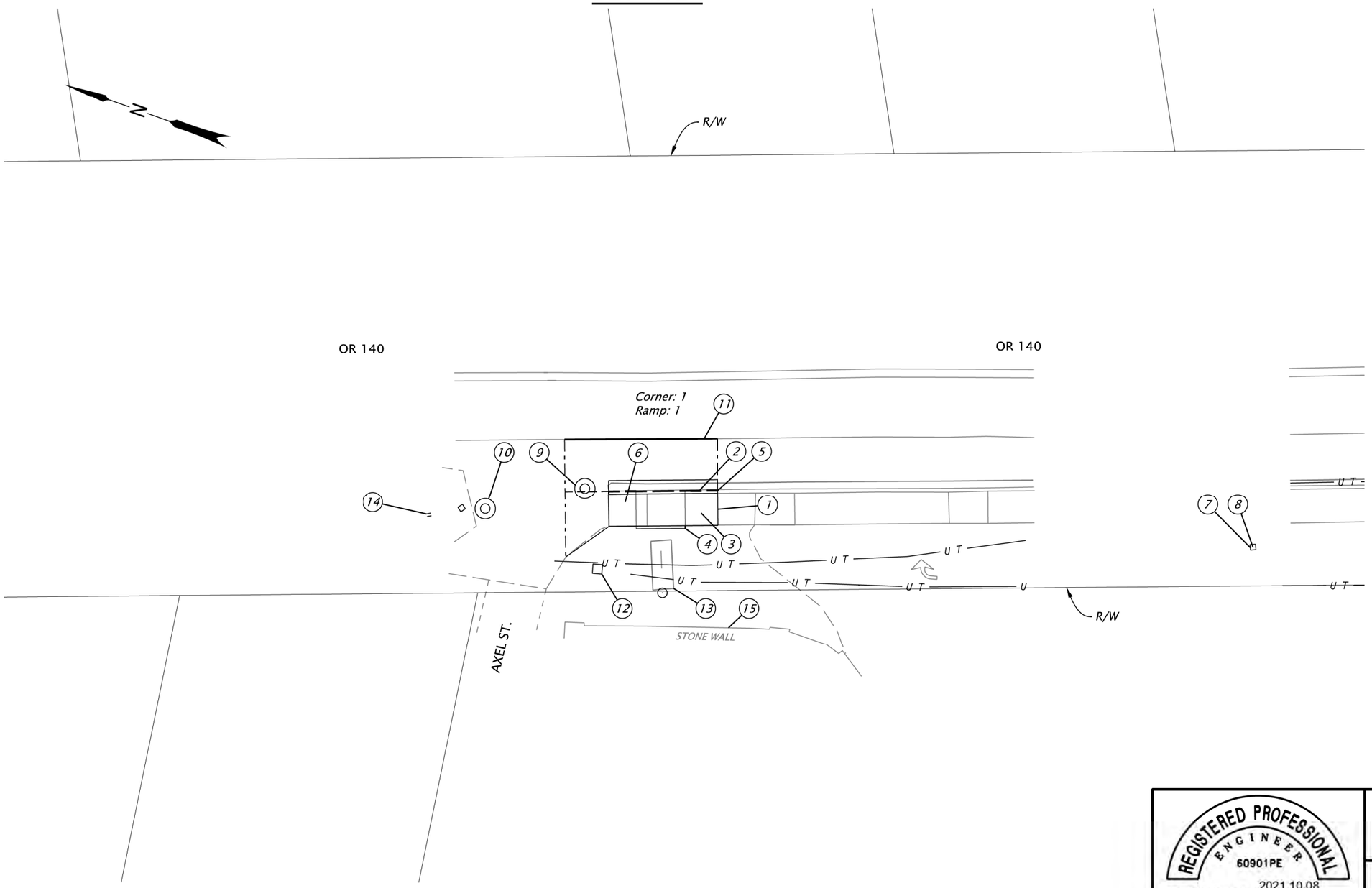
FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1" = 20'

OR 140: AXEL ST. TO EDSALL ST.

55V-026

BLY SITE 1



1. Connect to extg. walk
2. Const. curb and gutter (See dwg. no. RD700)
3. Const. P.C. conc. sidewalk (See dwg. no. RD721)
4. Const. standard curb (See dwg. no. RD700)
5. Connect to extg. curb
6. Const. curb ramp, End of walk
   Taper Option EW-2
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC801)
   (See dwg. nos. RD900, RD902, RD904, RD905, RD950 and RD952)
7. Preserve & protect extg. inlet
8. Install inlet protection (Type 3) (See dwg. no. RD1010)
9. Minor adjustment of manhole
10. Preserve & protect extg. manhole
11. Install 4" white line (See dwg. no. TM500)
12. Preserve & protect extg. utility box
13. Preserve & protect extg. sign
14. Preserve & protect extg. culvert
15. Preserve & protect extg. stone wall

ADA CURB RAMP PILOT PROGRAM PROJECT

20 10 0 20
FEET

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KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner | Reviewer: Mike Hohbach
Drafter: Stuart Smith | Checker: Tony Quinn

GENERAL CONSTRUCTION

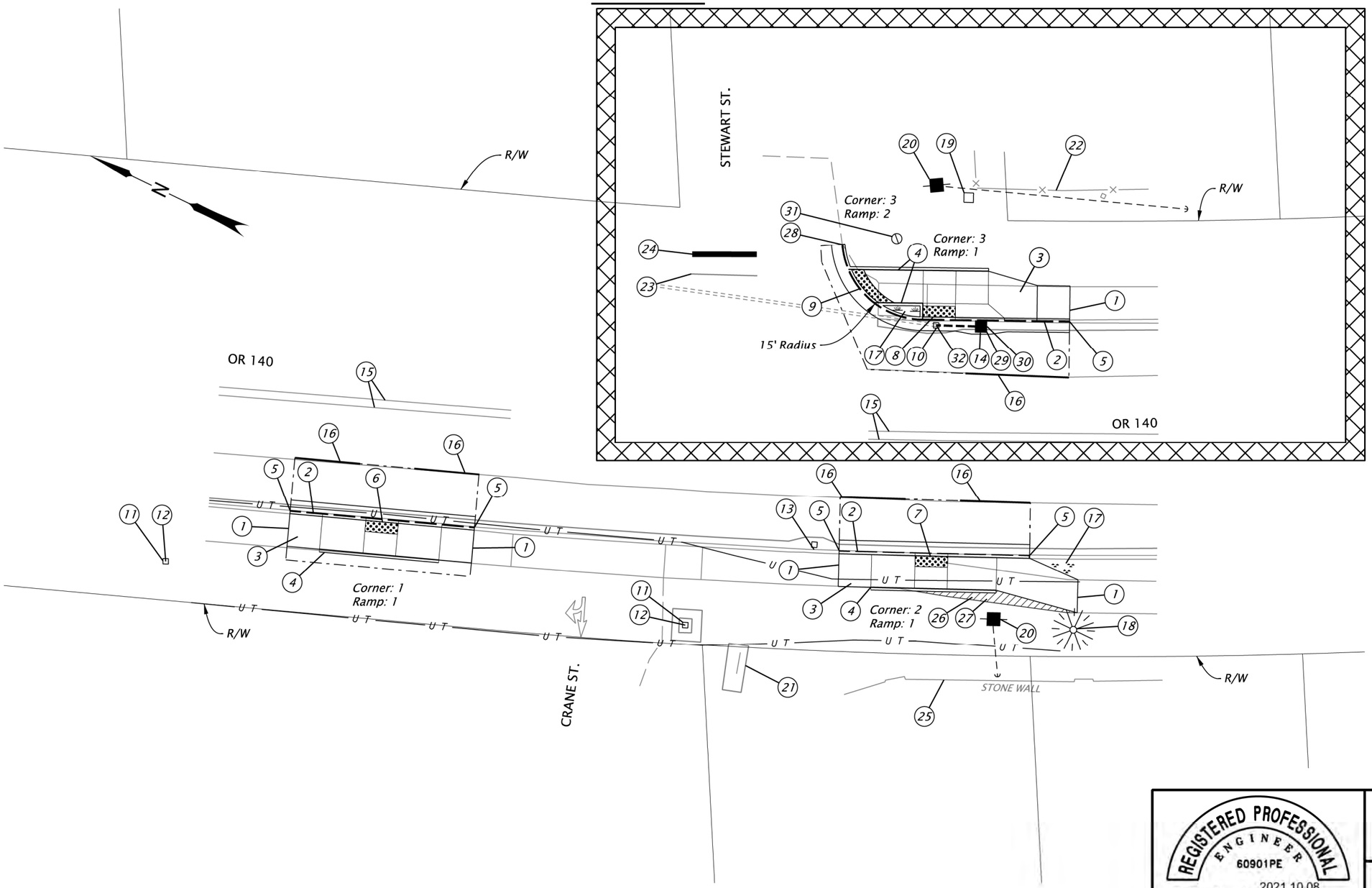
SHEET NO. C801

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 290° Scale: 1" = 20'

OR 140: AXEL ST. TO EDSALL ST.

BLY SITE 2



Right-of-Way delays or access delays (See 00180.65)

ADA CURB RAMP PILOT PROGRAM PROJECT

20 10 0 20
FEET

REGISTERED PROFESSIONAL ENGINEER
60901PE
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OREGON
JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner
Reviewer: Mike Hohbach
Drafter: Stuart Smith
Checker: Tony Quinn

GENERAL CONSTRUCTION

SHEET NO.
C802

1. *Connect to extg. walk*
2. *Const. curb and gutter*
3. *Const. P.C. conc. sidewalk*
4. *Const. standard curb*
5. *Connect to extg. curb*
6. *Const. curb ramp, Parallel*
   Inst. safety yellow truncated domes
   on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC802)
   (See dwg. nos. RD900, RD902,
   RD904, RD905, RD920 and RD922)
7. *Const. curb ramp, Parallel*
   Inst. safety yellow truncated domes
   on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC803)
8. *Const. curb ramp, Combination*
   Inst. safety yellow truncated domes
   on new surface - 10.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC804)
   (See dwg. nos. RD900, RD902, RD904,
   RD905, RD930, RD932 and RD938)
9. *Const. curb ramp, Perpendicular*
   Inst. radial safety yellow truncated domes
   on new surface - 10.0 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see sht. BC804)
   (See dwg. nos. RD900, RD902, RD904,
   RD905, RD910, RD912, RD913
   and RD916)
10. *Remove extg. inlet*
11. *Preserve & protect extg. inlet*
12. *Install inlet protection (Type 3)*
13. *Install inlet protection (Type 11)*
14. *Const. type G-2 inlet - Sump 2'*
    IE (18" out) = 4356.75' (N)
    Inst. 18" reinforced class III concrete storm sew. pipe - 9'
    5' depth
    slope = 0.005 ft/ft
    (See dwg. nos. RD300, RD338, RD345 & RD366)
15. *Remove extg. striping within intended crossing location*
    (For details, see sheet BA01)
16. *Install 4" white line*
17. *Install rock mulch*
    (For details, see sht. BA03)
18. *Preserve & protect extg. luminaire*
19. *Preserve & protect extg. utility box*
20. *Preserve & protect extg. utility pole*
21. *Preserve & protect extg. sign*
22. *Preserve & protect extg. fence*
23. *Remove extg. stop bar*
    (For details, see sheet BA01)
24. *Install stop bar*
    (See dwg. nos. TM503, TM530)
25. *Preserve & protect extg. stone wall*
26. *Install aggr. shldr. rock - 0.03 tons*
27. *Remove sidewalk, shown thus:* ▨ *(3.8 SY)*
28. *Const. curb transition*
    (See dwg. no. RD700)
29. *Const. gutter transition*
    (See dwg. no. RD363)
30. *Install inlet protection (Type 7)*
31. *Adjust water valve box*
    (For details, see dwg. no. RD258 or sheet BA02 as applicable)
32. *Connect to extg. 18" storm sew. pipe*

ADA CURB RAMP PILOT PROGRAM PROJECT

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KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner | Reviewer: Mike Hohbach
Drafter: Stuart Smith | Checker: Tony Quinn

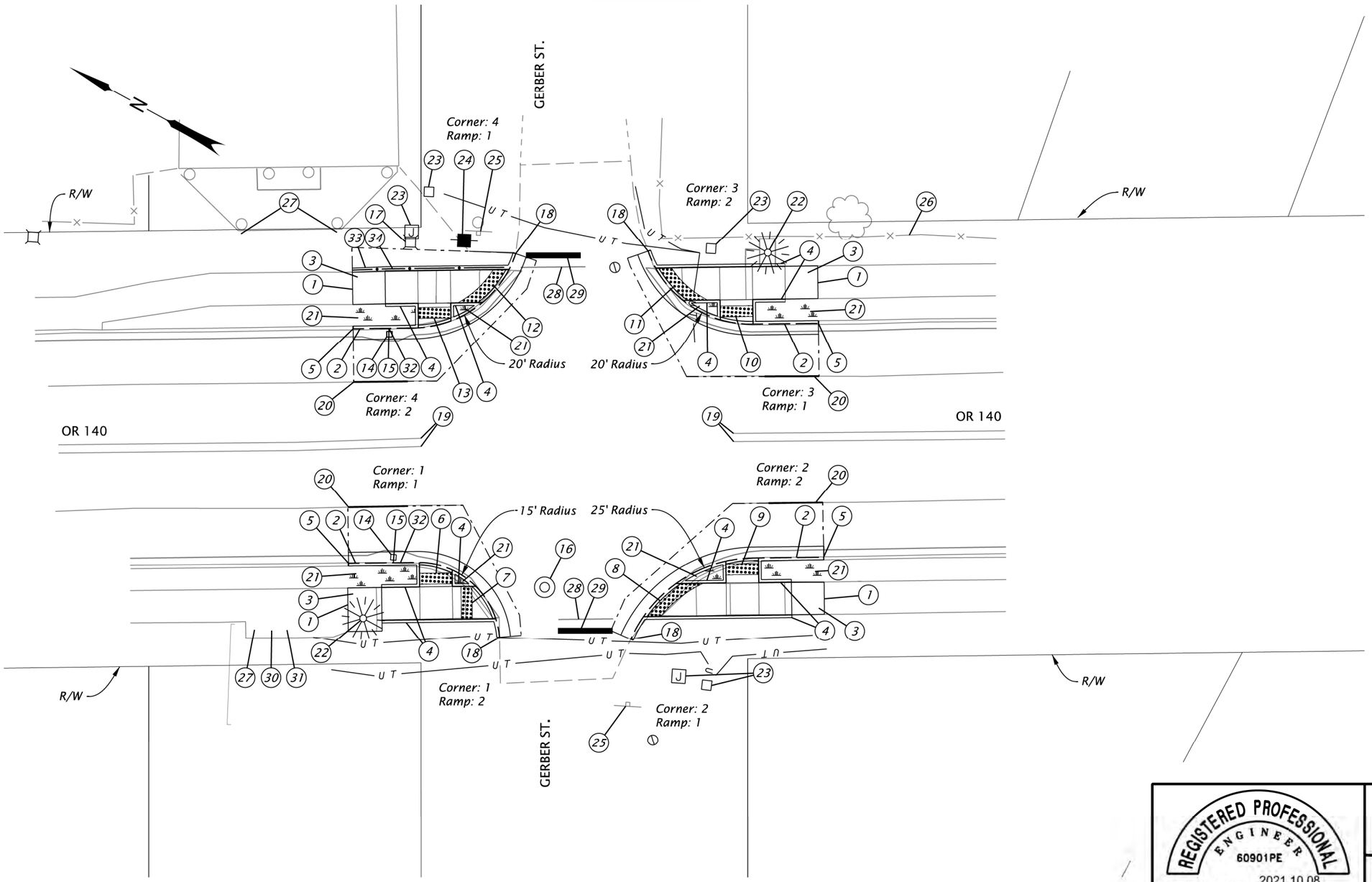
GENERAL CONSTRUCTION NOTES

SHEET NO. C802A

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

OR 140: AXEL ST. TO EDSALL ST.

BLY SITE 3



General Note:
1. Sawcut and remove minimal concrete surfacing necessary to complete curb and sidewalk installations at solar powered luminaire pole base. Protect luminaire pole foundation, anchor bolt covers, and anchor bolts.

REGISTERED PROFESSIONAL ENGINEER
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KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner | Reviewer: Mike Hohbach
Drafter: Stuart Smith | Checker: Tony Quinn

GENERAL CONSTRUCTION

SHEET NO. C803

ADA CURB RAMP PILOT PROGRAM PROJECT

20 10 0 20
FEET

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

1. *Connect to extg. walk*
2. *Const. curb and gutter*
3. *Const. P.C. conc. sidewalk*
4. *Const. standard curb*
5. *Connect to extg. curb*
6. *Const. curb ramp, Combination*
   Inst. safety yellow truncated domes
   on new surface - 10.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC805)
7. *Const. curb ramp, Perpendicular*
   Inst. safety yellow truncated domes
   on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see sht. BC805)
8. *Const. curb ramp, Perpendicular*
   Inst. radial safety yellow truncated domes
   on new surface - 18.6 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC806)
9. *Const. curb ramp, Combination*
   Inst. safety yellow truncated domes
   on new surface - 10.0 sq. ft.
   PCC surfacing
   Ramp 2 - SU
   (For details, see sht. BC806)
10. *Const. curb ramp, Combination*
    Inst. radial safety yellow truncated domes
    on new surface - 10.0 sq. ft.
    PCC surfacing
    Ramp 1 - SU
    (For details, see sht. BC807)
11. *Const. curb ramp, Perpendicular*
    Inst. radial safety yellow truncated domes
    on new surface - 16.9 sq. ft.
    PCC surfacing
    Ramp 2 - SY
    (For details, see sht. BC807)
12. *Const. curb ramp, Perpendicular*
    Inst. radial safety yellow truncated domes
    on new surface - 16.9 sq. ft.
    PCC surfacing
    Ramp 1 - SY
    (For details, see sht. BC808)
13. *Const. curb ramp, Combination*
    Inst. safety yellow truncated domes
    on new surface - 10.0 sq. ft.
    PCC surfacing
    Ramp 2 - SU
    (For details, see sht. BC808)
14. *Adjust inlet*
15. *Install inlet protection (Type 11)*
16. *Preserve & protect extg. manhole*
17. *Preserve & protect extg. water meter*
18. *Const. curb transition*
19. *Remove extg. striping within intended crossing location*
20. *Install 4" white line*
21. *Install rock mulch*
22. *Preserve & protect extg. luminaire*
23. *Preserve & protect extg. utility box*
24. *Preserve & protect extg. utility pole*
25. *Preserve & protect extg. sign*
26. *Preserve & protect extg. fence*
27. *Preserve & protect extg. planter*
28. *Remove extg. stop bar*
29. *Install stop bar*
30. *Preserve & protect extg. bench*
31. *Preserve & protect extg. garbage can*
32. *Const. gutter transition*
33. *Const. conc. curb, modified (9" wide, 29 ft)*
    (For details, see sht. BA01)
34. *Const. metal handrail, 3 rail - 29'*
    (See dwg. nos. RD770 & RD771)

ADA CURB RAMP PILOT PROGRAM PROJECT

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner | Reviewer: Mike Hohbach
Drafter: Stuart Smith | Checker: Tony Quinn

GENERAL CONSTRUCTION NOTES

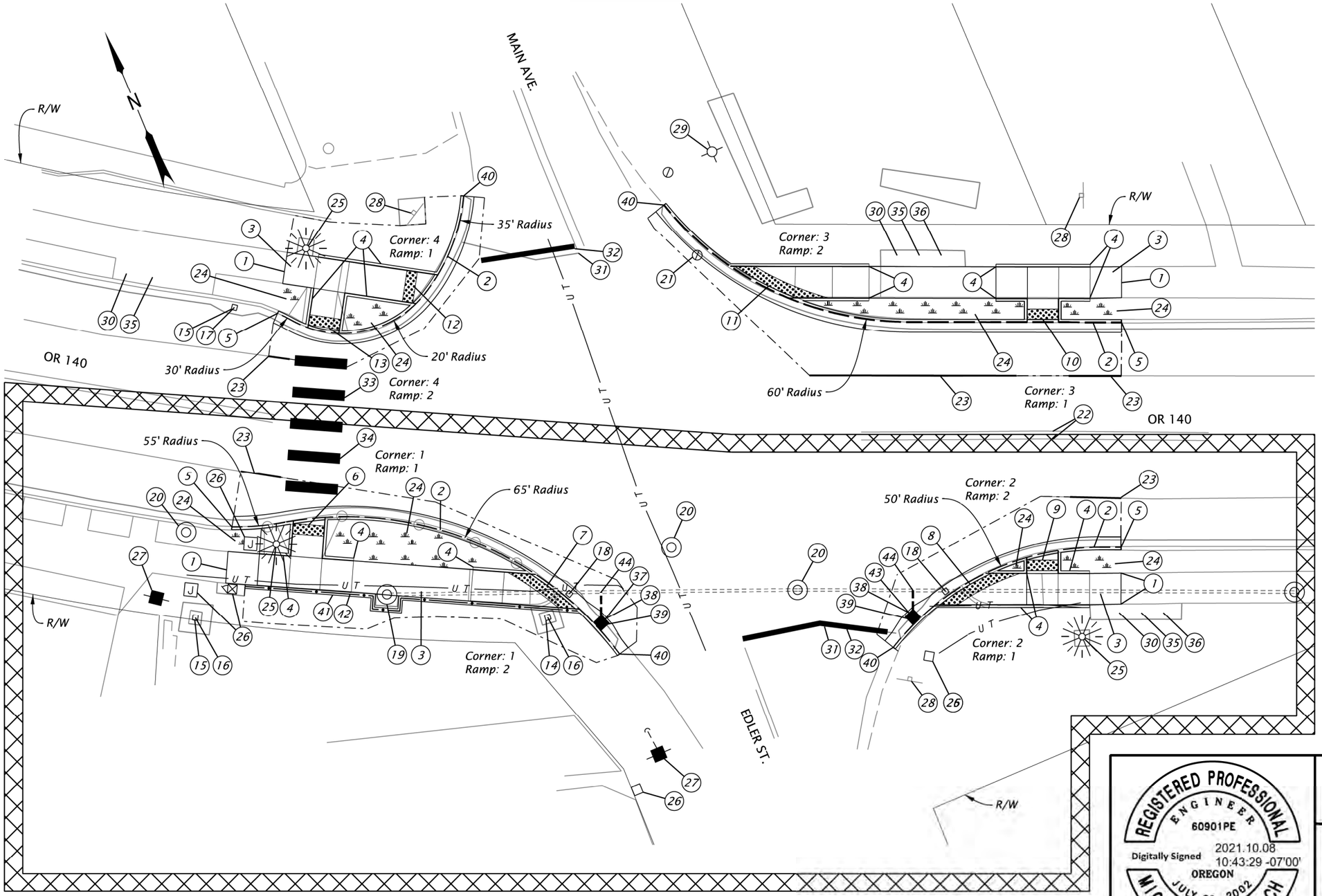
SHEET NO. C803A

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1" = 20'

OR 140: AXEL ST. TO EDSALL ST.

BLY SITE 4



ADA CURB RAMP PILOT PROGRAM PROJECT

20 10 0 20
FEET

General Note:
1. Sawcut and remove minimal concrete surfacing necessary to complete curb and sidewalk installations at solar powered luminaire pole base. Protect luminaire pole foundation, anchor bolt covers, and anchor bolts.

Right-of-Way delays or access delays (See 00180.65)

REGISTERED PROFESSIONAL ENGINEER
60901PE
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EXPIRES 6-30-23

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner	Reviewer: Mike Hohbach
Drafter: Stuart Smith	Checker: Tony Quinn

GENERAL CONSTRUCTION — SHEET NO. C804

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Rotation: 337° Scale: 1" = 20'

1. *Connect to extg. walk*
2. *Const. curb and gutter*
3. *Const. P.C. conc. sidewalk*
4. *Const. standard curb*
5. *Connect to extg. curb*
6. *Const. curb ramp, Combination*
   Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC809)
7. *Const. curb ramp, Perpendicular*
   Inst. radial safety yellow truncated domes on new surface - 22.6 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see sht. BC809)
8. *Const. curb ramp, Perpendicular*
   Inst. radial safety yellow truncated domes on new surface - 24.8 sq. ft.
   PCC surfacing
   Ramp 1 - SY
   (For details, see sht. BC810)
9. *Const. curb ramp, Combination*
   Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 2 - SU
   (For details, see sht. BC810)
10. *Const. curb ramp, Combination*
    Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
    PCC surfacing
    Ramp 1 - SU
    (For details, see sht. BC811)
11. *Const. curb ramp, Perpendicular*
    Inst. radial safety yellow truncated domes on new surface - 28.3 sq. ft.
    PCC surfacing
    Ramp 2 - SY
    (For details, see sht. BC811)
12. *Const. curb ramp, Perpendicular*
    Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
    PCC surfacing
    Ramp 1 - SY
    (For details, see sht. BC812)
13. *Const. curb ramp, Combination*
    Inst. safety yellow truncated domes on new surface - 12.0 sq. ft.
    PCC surfacing
    Ramp 2 - SU
    (For details, see sht. BC812)
14. *Adjust inlet*
15. *Preserve & protect extg. inlet*
16. *Install inlet protection (Type 3)*
17. *Install inlet protection (Type 11)*
18. *Remove extg. inlet*
19. *Minor adjustment of manhole*
20. *Preserve & protect extg. manhole*
21. *Adjust water valve box*
22. *Remove extg. striping within intended crossing location*
23. *Install 4" white line*
24. *Install rock mulch*
25. *Preserve & protect extg. luminaire*
26. *Preserve & protect extg. utility box*
27. *Preserve & protect extg. utility pole*
28. *Preserve & protect extg. sign*
29. *Preserve & protect extg. fire hydrant*
30. *Preserve & protect extg. planter*
31. *Remove extg. stop bar*
32. *Install stop bar*
33. *Remove extg. crosswalk*
    (For details, see sheet BA01)
34. *Install continental crosswalk*
    (See dwg. nos. TM503, TM530)
35. *Preserve & protect extg. bench*
36. *Preserve & protect extg. garbage can*
37. *Const. type G-2 inlet - Sump 2'*
    Inst. 12" C900 PVC storm sew. pipe - 6'
    5' depth
    slope = 0.005 ft/ft
38. *Install inlet protection (Type 7)*
39. *Const. gutter transition*
40. *Const. curb transition*
41. *Const. conc. curb, modified (9" wide, 70 ft)*
    (For details, see sht. BA01)
42. *Const. metal handrail, 3 rail*
43. *Const. type G-2 inlet - Sump 2'*
    Inst. 12" C900 PVC storm sew. pipe - 5'
    5' depth
    slope = 0.005 ft/ft
44. *Const. blind T connection 12" x 18"*

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
60901PE
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JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner | Reviewer: Mike Hohbach
Drafter: Stuart Smith | Checker: Tony Quinn

GENERAL CONSTRUCTION NOTES

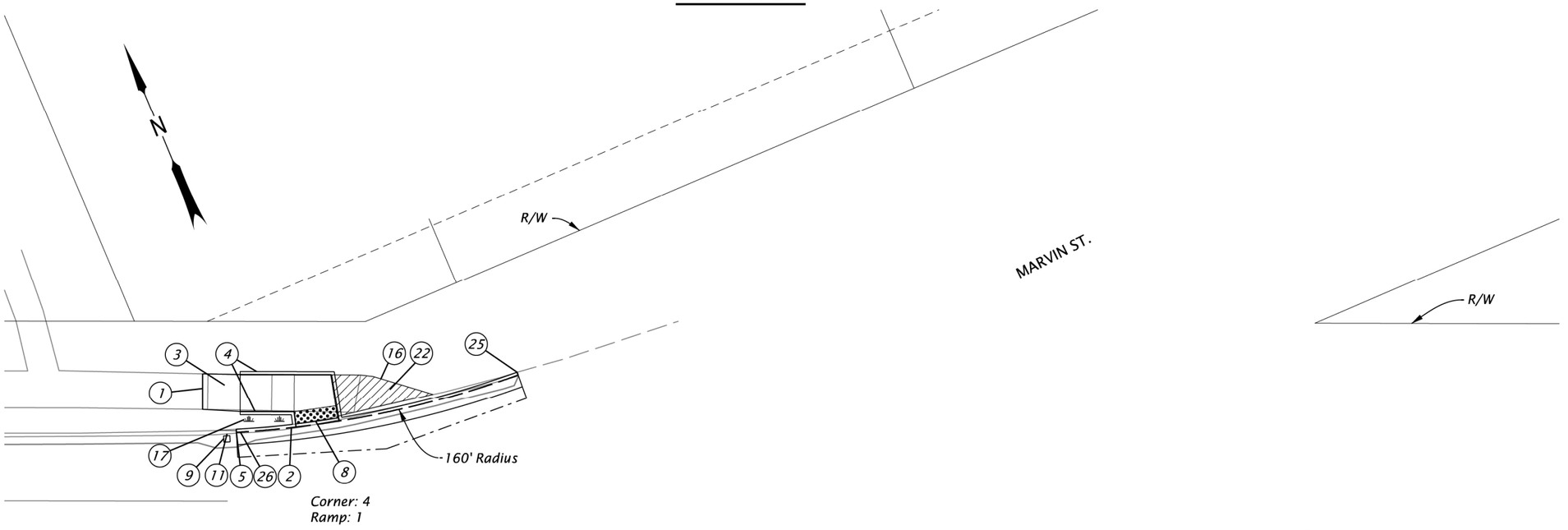
SHEET NO. C804A

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1" = 20'

OR 140: AXEL ST. TO EDSALL ST.

BLY SITE 5



ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
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OREGON
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MICHAEL J. HOHBACH
EXPIRES 6-30-23

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

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KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner | Reviewer: Mike Hohbach
Drafter: Stuart Smith | Checker: Tony Quinn

GENERAL CONSTRUCTION

SHEET NO. C805

1. *Connect to extg. walk*
2. *Const. curb and gutter*
3. *Const. P.C. conc. sidewalk*
4. *Const. standard curb*
5. *Connect to extg. curb*
6. *Const. curb ramp, Combination*
   Inst. safety yellow truncated domes
   on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC813)
7. *Const. curb ramp, Combination*
   Inst. safety yellow truncated domes
   on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC814)
8. *Const. curb ramp, Unique*
   Inst. safety yellow truncated domes
   on new surface - 12.3 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC815)
   (See dwg. nos. RD900, RD902,
   RD904, RD905, RD920 and RD960)
9. *Preserve & protect extg. inlet*
10. *Install inlet protection (Type 3)*
11. *Install inlet protection (Type 11)*
12. *Preserve & protect extg. manhole*
13. *Remove extg. striping within intended crossing location*
14. *Install 4" white line*
15. *Install aggr. shldr. rock - 0.04 tons*
16. *Install aggr. shldr. rock - 0.04 tons*
17. *Install rock mulch*
18. *Preserve & protect extg. utility box*
19. *Preserve & protect extg. utility pole*
20. *Preserve & protect extg. sign*
21. *Remove sidewalk, shown thus: (5.3 SY)*
22. *Remove sidewalk, shown thus: (4.7 SY)*
23. *Relocate extg. garbage can (by others)*
24. *Preserve & protect extg. landscape feature*
25. *Const. curb transition*
26. *Const. gutter transition*

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
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MICHAEL J. HOHBACH

EXPIRES 6-30-23

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KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner | Reviewer: Mike Hohbach
Drafter: Stuart Smith | Checker: Tony Quinn

GENERAL CONSTRUCTION NOTES

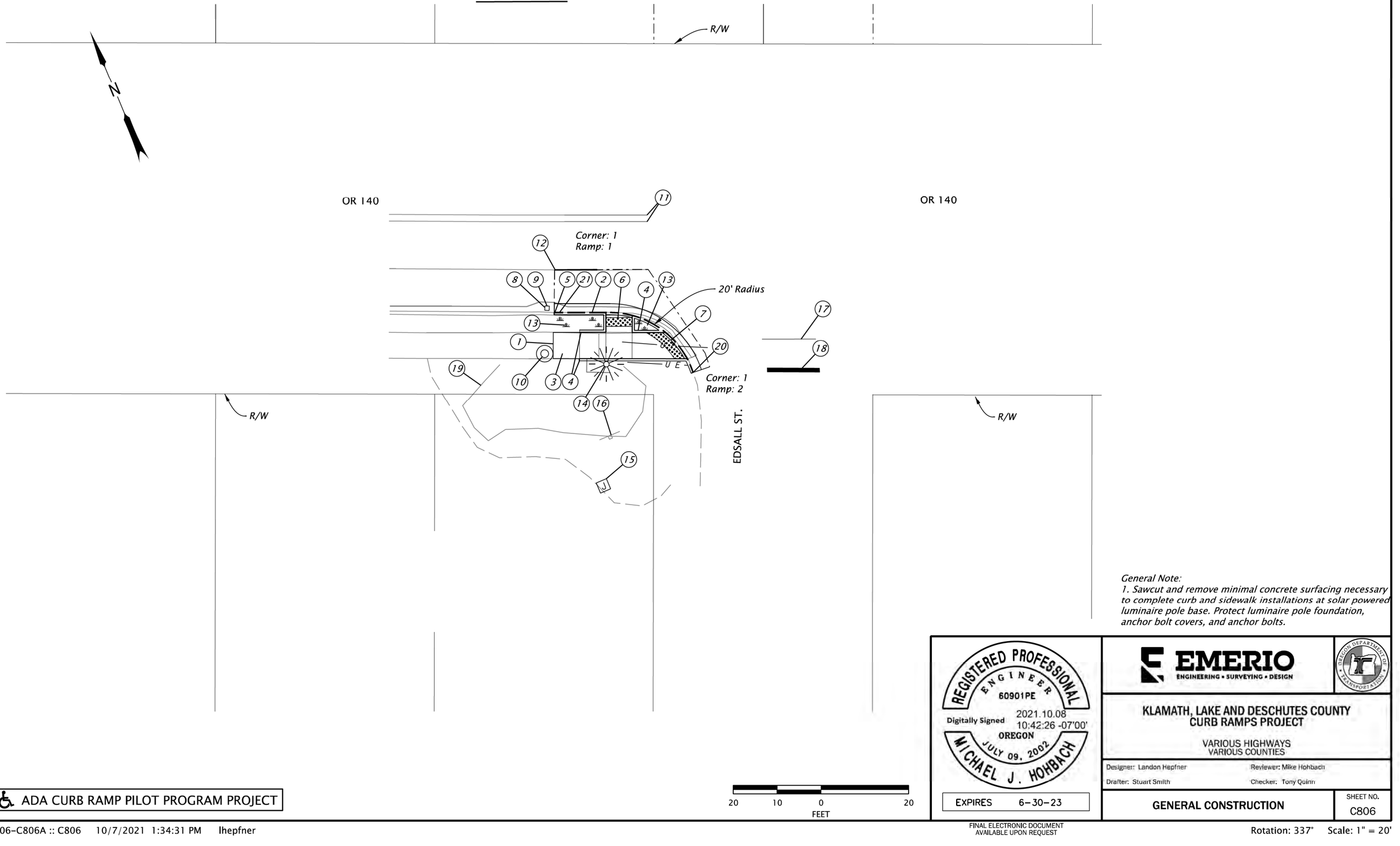
SHEET NO. C805A

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 0° Scale: 1" = 20'

OR 140: AXEL ST. TO EDSALL ST.

BLY SITE 6



General Note:
1. Sawcut and remove minimal concrete surfacing necessary to complete curb and sidewalk installations at solar powered luminaire pole base. Protect luminaire pole foundation, anchor bolt covers, and anchor bolts.

20 10 0 20
FEET

REGISTERED PROFESSIONAL ENGINEER
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EXPIRES 6-30-23

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KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner | Reviewer: Mike Hohbach
Drafter: Stuart Smith | Checker: Tony Quinn

GENERAL CONSTRUCTION

SHEET NO. C806

ADA CURB RAMP PILOT PROGRAM PROJECT

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

1. *Connect to extg. walk*
2. *Const. curb and gutter*
3. *Const. P.C. conc. sidewalk*
4. *Const. standard curb*
5. *Connect to extg. curb*
6. *Const. curb ramp, Combination*
   Inst. safety yellow truncated domes
   on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 1 - SU
   (For details, see sht. BC816)
7. *Const. curb ramp, Perpendicular*
   Inst. radial safety yellow truncated domes
   on new surface - 12.0 sq. ft.
   PCC surfacing
   Ramp 2 - SY
   (For details, see sht. BC816)
8. *Preserve & protect extg. inlet*
9. *Install inlet protection (Type 11)*
10. *Preserve & protect extg. manhole*
11. *Remove extg. striping within intended crossing location*
12. *Install 4" white line*
13. *Install rock mulch*
14. *Preserve & protect extg. luminaire*
15. *Preserve & protect extg. utility box*
16. *Preserve & protect extg. sign*
17. *Remove extg. stop bar*
18. *Install stop bar*
19. *Preserve & protect extg. landscape feature*
20. *Const. curb transition*
21. *Const. gutter transition*

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
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JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

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KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

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Drafter: Stuart Smith | Checker: Tony Quinn

GENERAL CONSTRUCTION NOTES

SHEET NO. C806A

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026

TRAFFIC CONTROL SUMMARY

GENERAL NOTES FOR ALL DETAILS:

- *Additional Traffic Control Measures (TCM) may be required for all legs of the intersection (See TM844 for details not shown).*
- *The "FLAGGER" symbol sign shall be used only in conjunction with the "BE PREPARED TO STOP" sign.*
- *To determine Taper Length ("L") and Buffer Length ("B"), use the "MINIMUM LENGTHS TABLE" on dwg. TM800.*
- *For left lane or shoulder work, place TCD to close left lane or shoulder. Use "LEFT LANE CLOSED AHEAD" sign, "LEFT LANE ENDS" (W4-2L) symbol sign, or "LEFT SHOULDER CLOSED" sign, where applicable.*
- *When a through road intersects within the work zone, place a "ROAD WORK AHEAD" sign in advance of the intersection at sign spacing A.*
- *Place channelizing devices around intersection radii and construction areas at 10' spacing.*
- *Install a "BICYCLES ON ROADWAY" sign in advance of the closure when a bike lane is closed, or when the shoulder is closed and bikes are expected.*
- *When closing or relocating crosswalks or other pedestrian facilities provide ADA compliant facilities. Include accessibility features consistent with existing pedestrian facilities by providing adequate slope transitions and surfacing.*
- *Provide non-slip, 60 inch minimum wide surface through entire pedestrian route. If not possible, provide 48" min. width with 60" X 60" passing spaces every 200 ft along the route.*

PEDESTRIAN CHANNELIZING DEVICE
28" TUBULAR MARKERS ON 10' MAX. SPACING
PEDESTRIAN DETOUR ROUTE
PEDESTRIANS UNDER TRAFFIC
UNDER CONSTRUCTION
TEMPORARY CURB RAMP
THROUGH TRAFFIC ARROW
TRAFFIC DETOUR ROUTE
SIGN ON BARRICADE
TSS
TEMPORARY DRUMS

ALL Stages ALL Phases - Temporary Traffic Control

Place TCP/TPAR before any construction work begins.

Work on only one corner at an intersection at a time unless noted otherwise.

To be accompanied by Std. Dwg. Nos. TM800, TM820, TM821, TM822, TM831, TM840 TM841, TM842, TM843, TM844, TM850 & TM852.

Coordinate work requiring modifications to traffic signal operations with ODOT Region 4 Electrical at least 7 days prior to work. Contact Brad Stevens: 541-388-6077.

ALL Stages ALL Phases - Temporary Pedestrian Accessible Route (TPAR)

Place TCP/TPAR before any construction work begins.

Limit work to one corner at a time to minimize pedestrian disruption and detour length.

Maintain a 4' (min) wide shoulder for the TPAR. TPAR typically separated from work zone with Pedestrian Channelization Device (PCD). Intermittent breaks in the PCD will be required to maintain access to business driveways and side streets.

When the TPAR traverses curbs, provide approved temporary curb ramps meeting ADA requirements.

Where the TPAR is off-roadway, provide PCD on each side of 5' min. TPAR width.

See TM844 for details not shown.

ALL Stages ALL Phases - Right Turn Lanes with Islands

Place TCP/TPAR before any construction work begins.

Work on only one corner at an intersection at a time unless noted otherwise.

Where the TPAR traverses a right turn lane, maintain 12' (min) wide lane or close and detour traffic.

REGISTERED PROFESSIONAL ENGINEER
86265PE
Digitally Signed 2021.10.12 11:47:14-07'00'
OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

ADA CURB RAMP PILOT PROGRAM PROJECT

HDR ENGINEERING, INC
404 SW COLUMBIA ST., SUITE 240
BEND, OR 97702

OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Jose Banuelos | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

TRAFFIC CONTROL DETAILS

SHEET NO. EA01

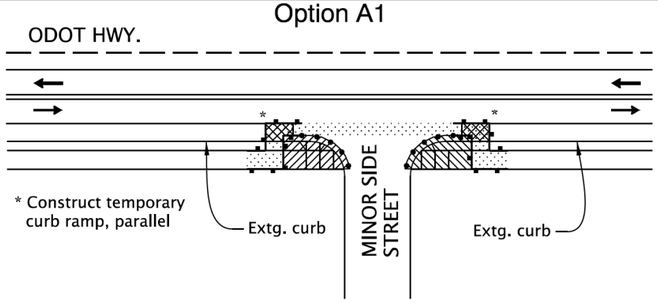
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

55V-026

TRAFFIC CONTROL SUMMARY

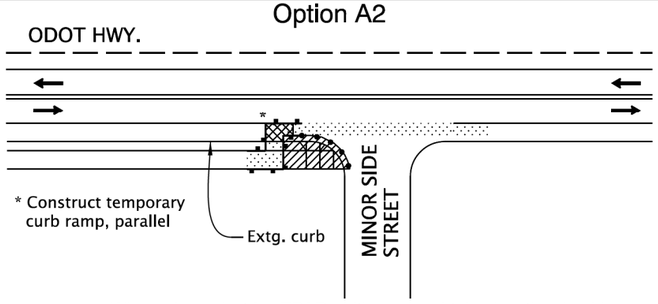
TPAR IN ROADWAY

Option A1



When min. pedestrian TPAR width can be obtained on the shoulder or adjacent travel lane

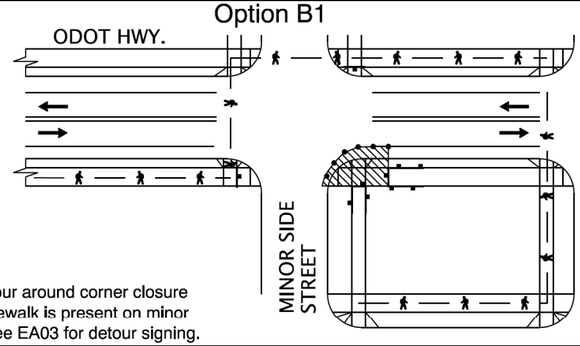
Option A2



When min. pedestrian TPAR width can be obtained on the shoulder or adjacent travel lane

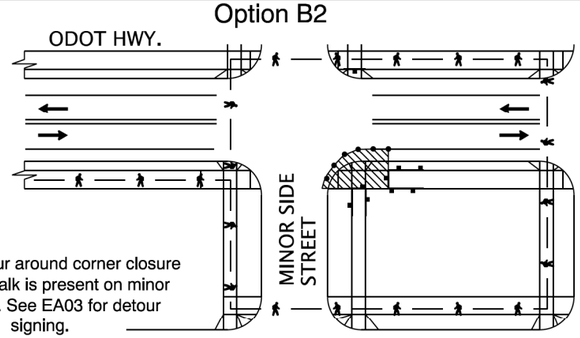
TPAR DETOUR AROUND CLOSURE

Option B1



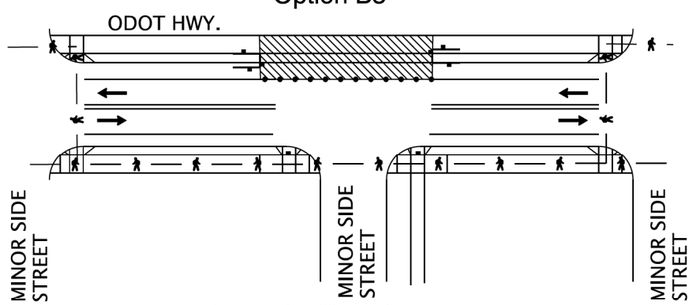
Provide detour around corner closure when no sidewalk is present on minor side street. See EA03 for detour signing.

Option B2



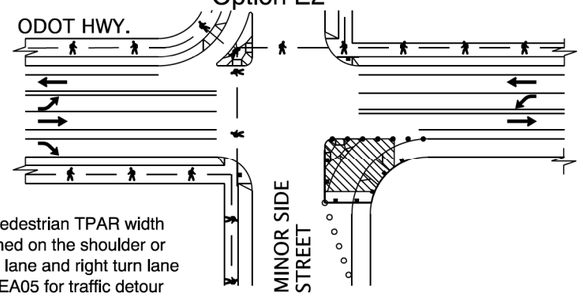
Provide detour around corner closure when sidewalk is present on minor side street. See EA03 for detour signing.

Option B3



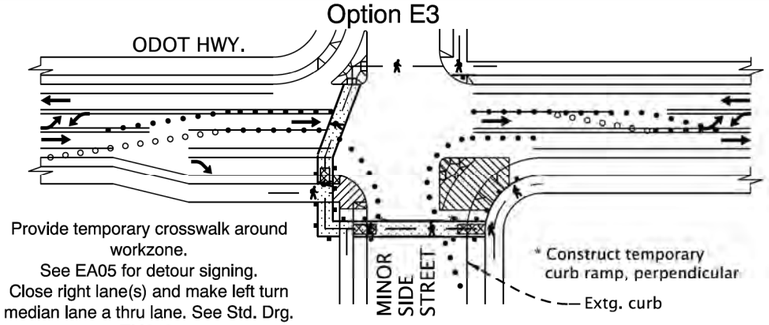
See sheet EA03 for detour signing

Option E2



When min. pedestrian TPAR width can be obtained on the shoulder or adjacent travel lane and right turn lane closed. See EA05 for traffic detour route. See Std. Drg. TM841.

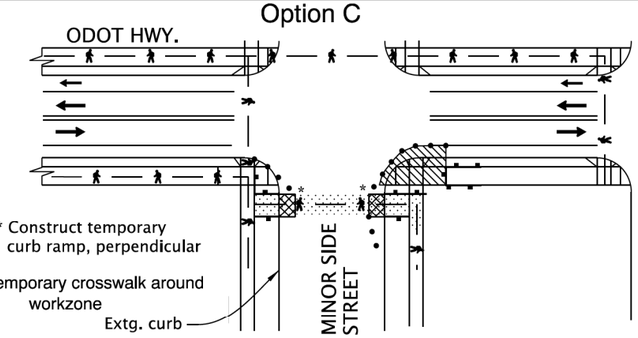
Option E3



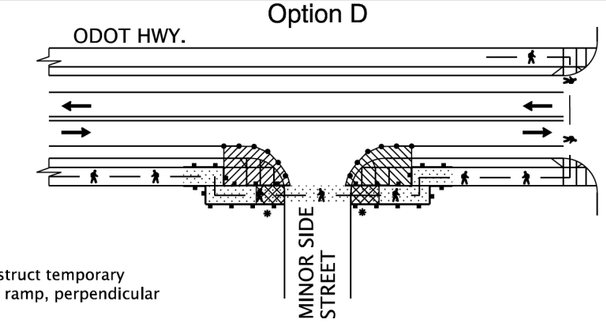
Provide temporary crosswalk around workzone.
See EA05 for detour signing.
Close right lane(s) and make left turn median lane a thru lane. See Std. Drg. TM842.

TPAR WITH CROSSWALK AROUND CLOSURE

Option C

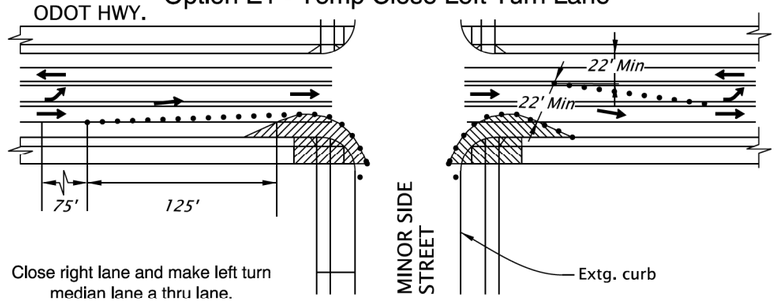


Option D



When R/W or easement behind sidewalk is available for TPAR

Option E1 - Temp Close Left Turn Lane



Close right lane and make left turn median lane a thru lane. See Std. Drg. TM842.

ADA CURB RAMP PILOT PROGRAM PROJECT

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MARCH 13, 2018
JOSE LUIS BANUELOS
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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

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TRAFFIC CONTROL DETAILS

SHEET NO. EA02

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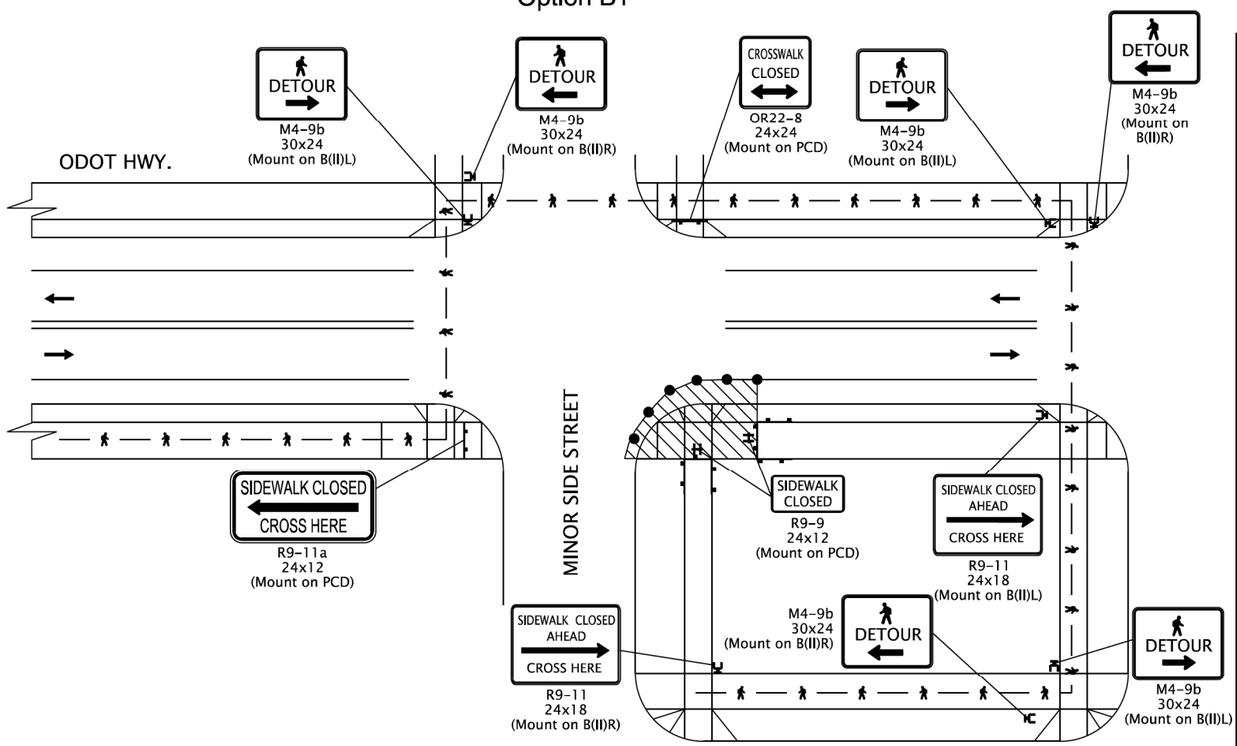
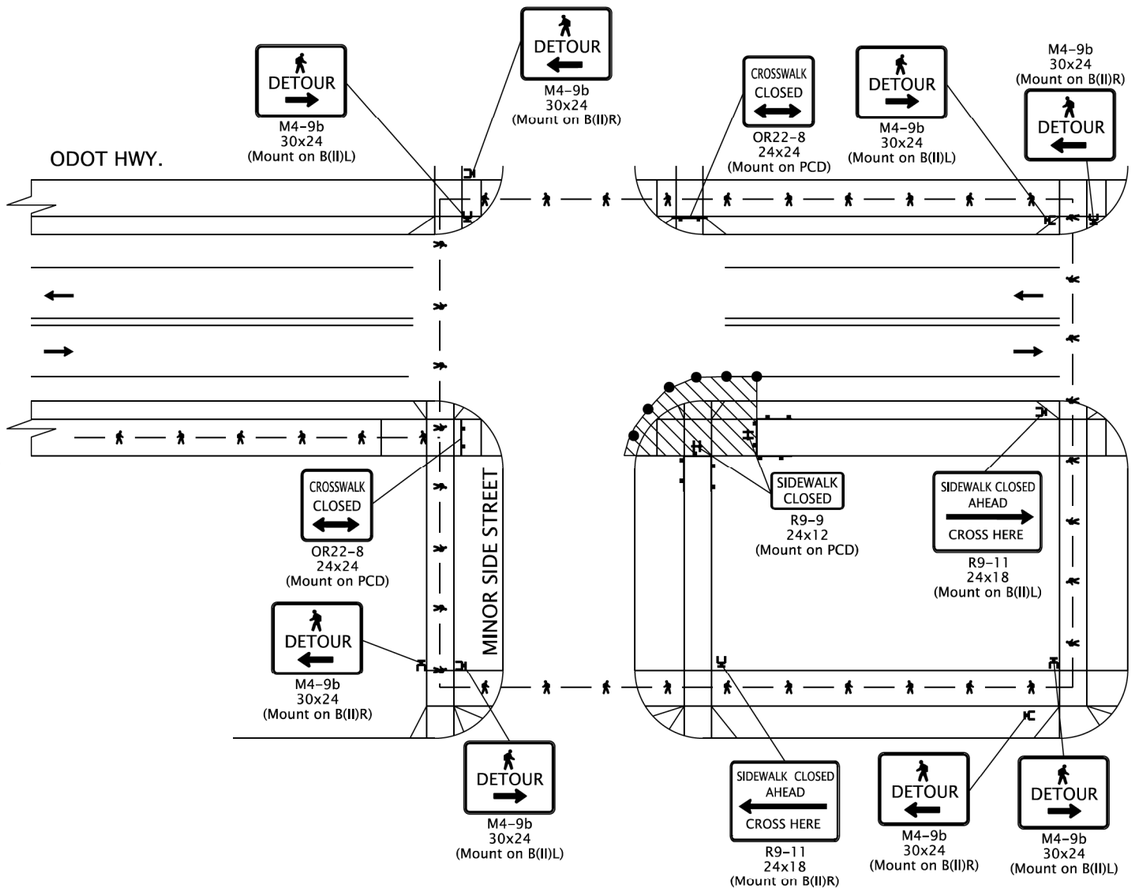
TPAR DETOUR SIGNING

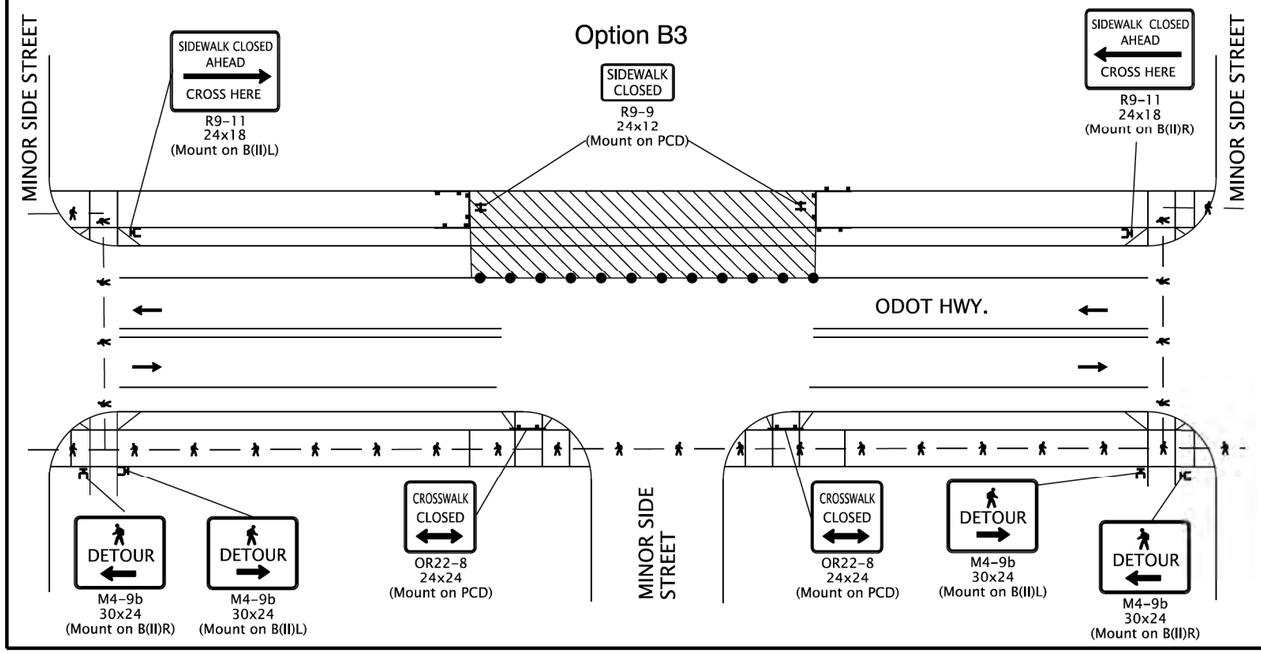
Option B1



Option B2



Option B3



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TRAFFIC CONTROL DETAILS

SHEET NO. EA03

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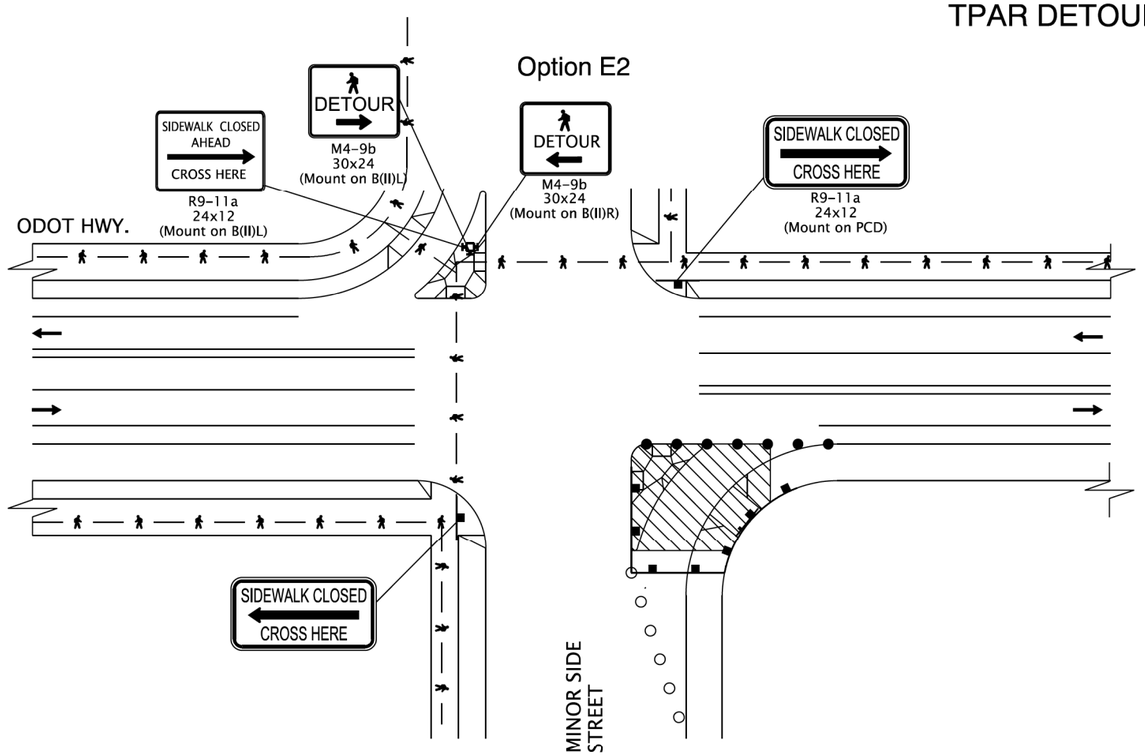
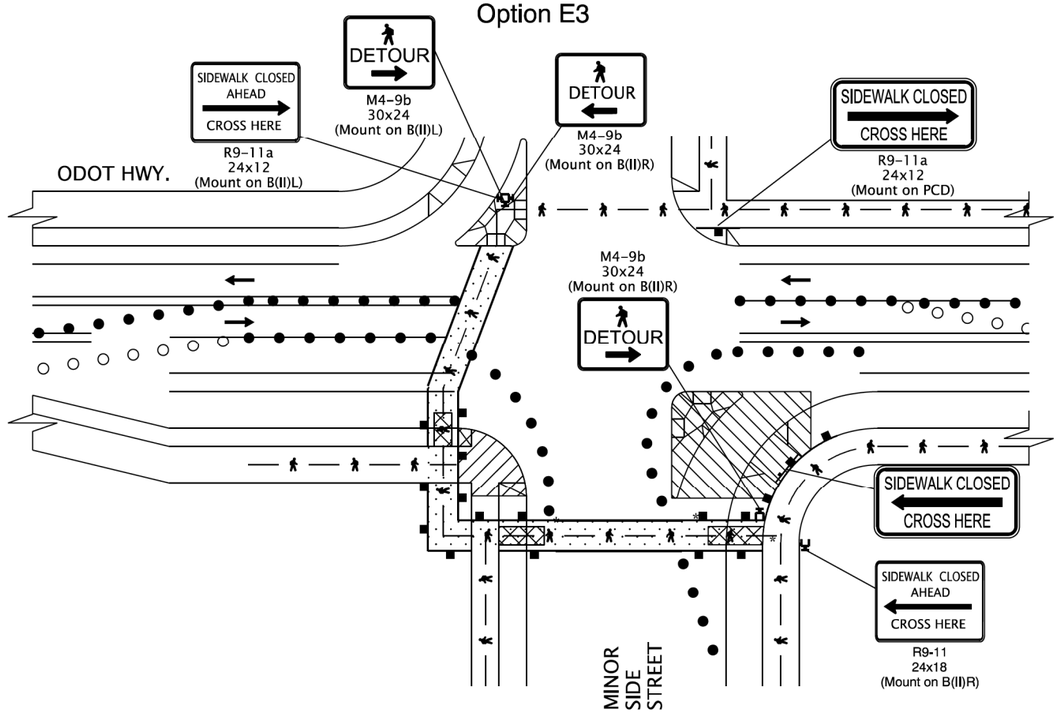
TPAR DETOUR SIGNING

Option E2



Option E3



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TRAFFIC CONTROL DETAILS

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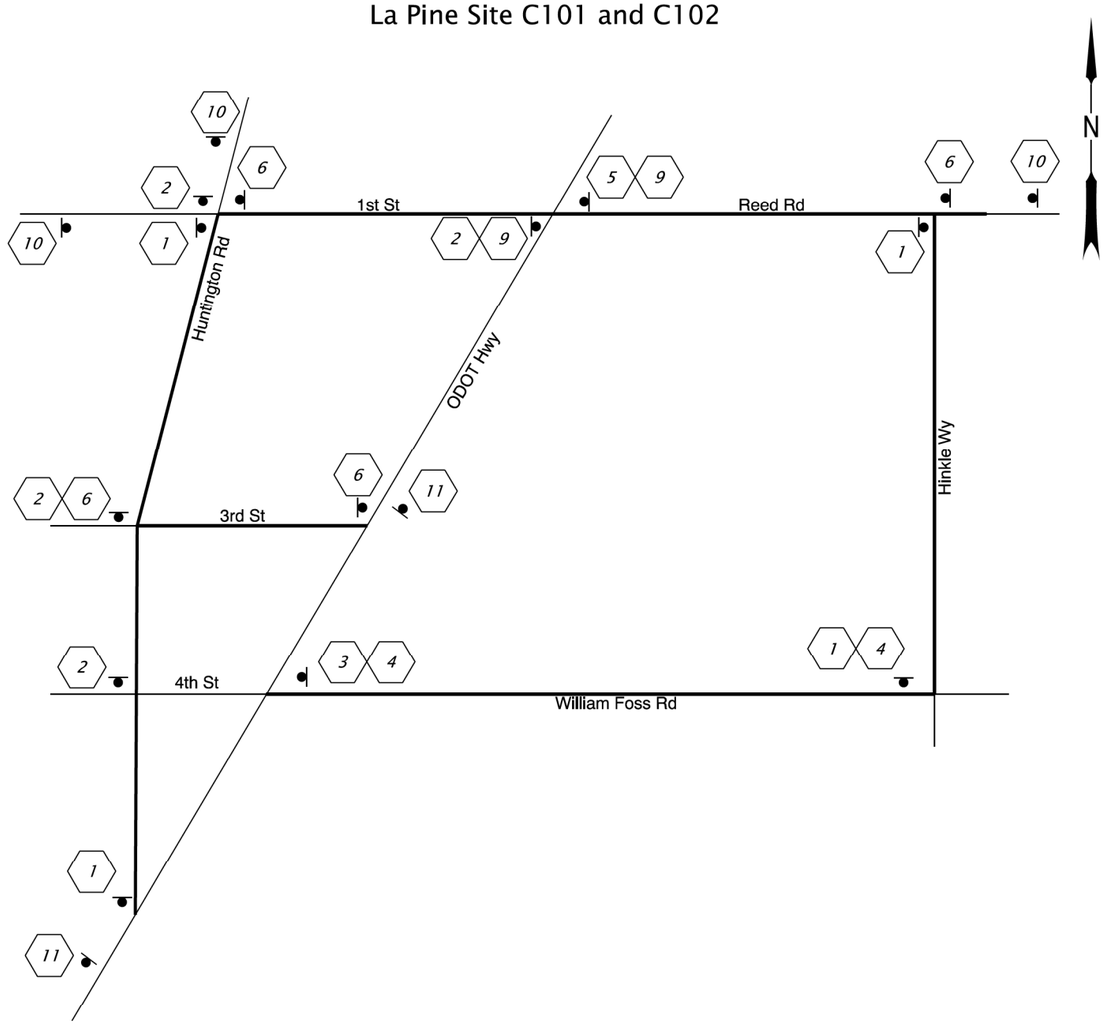
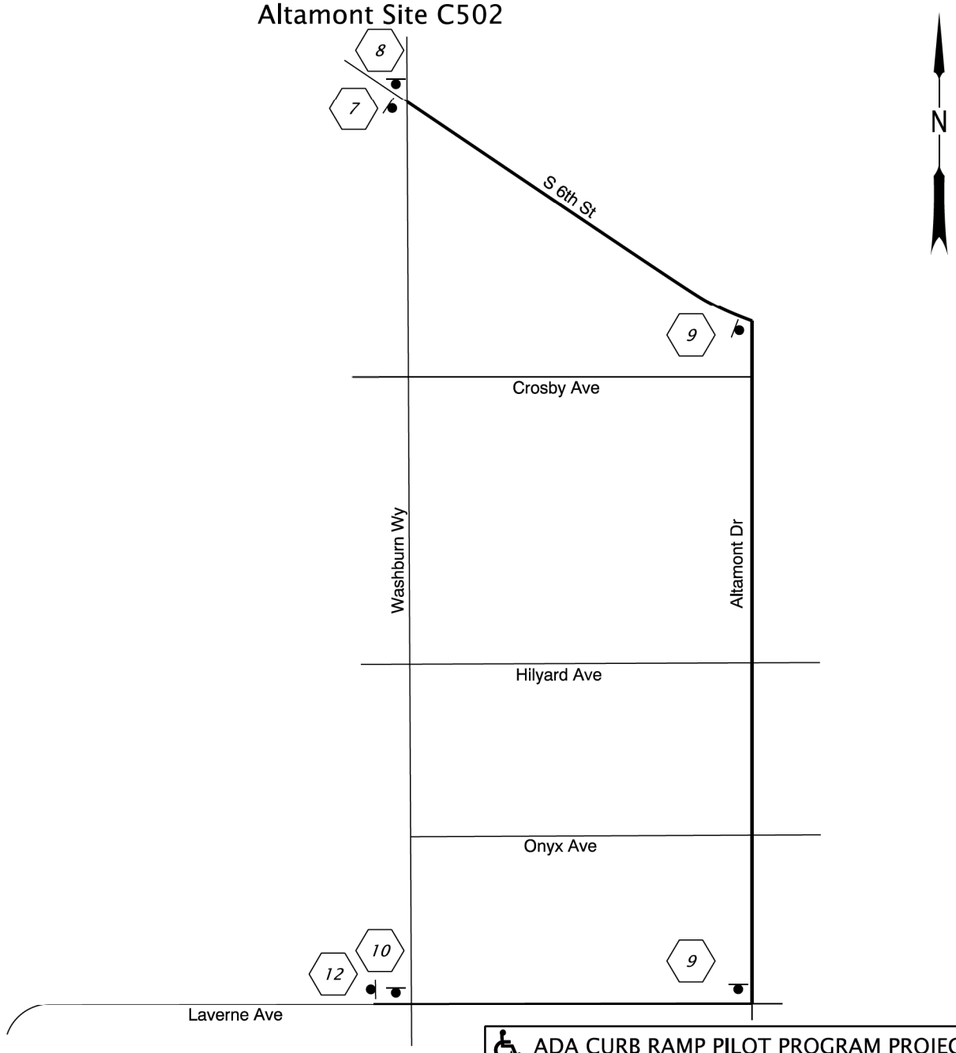
DETOUR ROUTES FOR TURN LANE CLOSURES

La Pine Site C101 and C102



Altamont Site C502



1 — DETOUR M4-8 24x12; TO M4-5 24x12; SOUTH M3-3 24x12; 97 M1-4 24X24; M6-1 21x15

2 — DETOUR M4-8 24x12; TO M4-5 24x12; SOUTH M3-3 24x12; 97 M1-4 24X24; M6-3 21x15

3 — DETOUR M4-8 24x12; TO M4-5 24x12; SOUTH M3-3 24x12; 97 M1-4 24X24; M6-1 21x15

4 — DETOUR M4-8 24x12; TO M4-5 24x12; NORTH M3-1 24x12; 97 M1-4 24X24; M6-1 21x15

5 — DETOUR M4-8 24x12; TO M4-5 24x12; NORTH M3-1 24x12; 97 M1-4 24X24; M6-3 21x15

6 — DETOUR M4-8 24x12; TO M4-5 24x12; NORTH M3-1 24x12; 97 M1-4 24X24; M6-1 21x15

7 — Laverne Ave / DETOUR ↑

8 — Laverne Ave / DETOUR ←

9 — Laverne Ave / DETOUR →

10 — R3-1 24x24

11 — DETOUR AHEAD W20-2

12 — END DETOUR CG20-5 30x24

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Drafter: Stéphanie Teeter | Checker: Jose Banuelos

TRAFFIC CONTROL DETAILS

SHEET NO. EA05

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La Pine Traffic Control Summary

Sheet	Site #	Highway	Cross Street	Corner #	Option*	Comments
C101	La Pine 1	US97	1st St.	1	B1, C	Requires closing right turn lane for work area. Detour pedestrians around work area. Detour EB pedestrians along the north side of 1st St at the Bluewood intersection using Option C.
C101	La Pine 1	US97	1st St.	2	N/A	Work only requires flare reconstruction. Maintain the existing crossing open.
C101	La Pine 1	US97	1st St.	2A	E2	Close island. Requires closing shoulder for work area. Requires closing EB right turn lane along 1st St. and vehicle detour route (See EA04 for details)
C102	La Pine 1	US97	Reed Rd.	3	A2, D	Route pedestrians in front of work area. Requires closing shoulder for work area.
C102	La Pine 1	US97	Reed Rd.	4	N/A	Close corner. Existing ramp does not lead to accessible route. TPAR not necessary.
C102	La Pine 1	US97	Reed Rd.	4A	E2	Close island. Requires closing shoulder for work area. Requires closing WB right turn lane along Reed Rd. and vehicle detour route (See EA04 for details)
C103	La Pine 2	US97	MP 167.58 Entrance to ODOT Maintenance Station	1 & 2	A1	Construct both corners at one time. Route pedestrians in front of work area. Requires closing shoulder for work area. Maintain access to the ODOT maintenance station at all times.
C104	La Pine 3	US97	MP 167.64 La Pine Square entrance	3 & 4	A1	Construct both corners at one time. Route pedestrians in front of work area. Requires closing shoulder for work area. Maintain business access at all times.
C105	La Pine 4	US97	3rd St.	3 & 4	A1	Construct both corners at one time. Route pedestrians in front of work area. Requires closing shoulder for work area. Maintain business access at all times.
C106	La Pine 5	US97	MP. 167.87 entrance to Aspen Alley Mall	3 & 4	A1	Construct both corners at one time. Route pedestrians in front of work area. Requires closing shoulder for work area. Maintain business access at all times.
C107	La Pine 6	US97	MP. 167.90 entrance to Aspen Alley Mall	3 & 4	A1	Construct both corners at one time. Route pedestrians in front of work area. Requires closing shoulder for work area. Maintain business access at all times.
C108	La Pine 7	US97	MP. 167.92 entrance to Aspen Alley Mall	3 & 4	A1	Construct both corners at one time. Route pedestrians in front of work area. Requires closing shoulder for work area. Maintain business access at all times.
C109	La Pine 11	US97	Huntington Rd	4	N/A	No Traffic Control Requied.
C110	La Pine 8	US97	Finley Butte Rd	3 & 4	A1	Construct both corners at one time. Route pedestrians in front of work area. Requires closing shoulder for work area. Maintain business access at all times.
C111	La Pine 9	US97	MP168.15 HD Botanicals Entrance	3 & 4	A1	Construct both corners at one time. Route pedestrians in front of work area. Requires closing shoulder for work area. Maintain business access at all times.
C112	La Pine 10	US97	MP 168.28 End of Sidewalk by City Hall	1	A2	Route pedestrians in front of work area.

*Refer to TCP Detail Sheets EA01 thru EA03

*Refer to TCP Detail Sheets EA01 thru EA03

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JOSE LUIS BANUELOS
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TRAFFIC CONTROL DETAILS

SHEET NO. EB01

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Crescent Traffic Control Summary

Sheet	Site #	Highway	Cross Street	Corner #	Option*	Comments
C201	Crescent 1	US97	Potter St.	3 & 4	A1	Construct both corners at one time. Route pedestrians in front of work area. Requires closing shoulder for work area. Culvert extension may be required for TPAR.
C202	Crescent 2	US97	Stevens St.	2	A2	Route pedestrians in front of work area. Requires closing shoulder for work area.
C202	Crescent 2	US97	Stevens St.	3 & 4	A1	Construct both corners at one time. Route pedestrians in front of work area. Requires closing shoulder for work area.
C203	Crescent 3	US97	Hill St.	1 & 2	A1	Construct both corners at one time. Route pedestrians in front of work area. Requires closing shoulder for work area. Maintain business access at all times
C203	Crescent 3	US97	Hill St.	3 & 4	A1	Construct both corners at one time. Route pedestrians in front of work area. Requires closing shoulder for work area.
C204	Crescent 4	US97	Jones St.	1 & 2	A1	Construct both corners at one time. Route pedestrians in front of work area. Requires closing shoulder for work area. Maintain business access at all times
C204	Crescent 4	US97	Jones St.	3 & 4	A1	Construct both corners at one time. Route pedestrians in front of work area. Requires closing shoulder for work area.
C205	Crescent 5	US97	Ward St.	1 & 2	A1	Construct both corners at one time. Route pedestrians in front of work area. Requires closing shoulder for work area. Maintain business access at all times
C205	Crescent 5	US97	Ward St.	3 & 4	A1	Construct both corners at one time. Route pedestrians in front of work area. Requires closing shoulder for work area.
C206	Crescent 6	US97	MP. 185.59/2nd entrance to fuel commander	1	A2	Route pedestrians in front of work area. Requires closing shoulder for work area.
C206	Crescent 6	US97	MP. 185.59/Near entrance to High Country Automotive	4	A2	Route pedestrians in front of work area. Requires closing shoulder for work area.

*Refer to TCP Detail Sheets EA01 thru EA03

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OREGON
MARCH 13, 2018
JOSE LUIS BANUELOS
EXPIRES: DECEMBER 31, 2021

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KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
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Drafter: Stephanie Teeter | Checker: Jose Banuelos

TRAFFIC CONTROL DETAILS

SHEET NO. EC01

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Rotation: 0° Scale: 1"=100'

Chiloquin Traffic Control Summary

Sheet	Site #	Highway	Cross Street	Corner #	Option*	Comments
C301	*Chiloquin 1*	*OR422S*	*Access to Bridge*	*1 & 1*	*B3*	*Requires flagger controlled one lane closure for vehicular traffic control. Construct both corners at one time. Detour pedestrians around work area. Provide temporary advanced pedestrian crossing warnings at locations without pedestrian facilities.*
C301	*Chiloquin 1*	*OR422S*	*Access to Bridge*	*4 & 4*	*B3*	*Requires flagger controlled one lane closure for vehicular traffic control. Construct both corners at one time. Detour pedestrians around work area. Provide temporary advanced pedestrian crossing warnings at locations without pedestrian facilities.*

*Refer to TCP Detail Sheets EA01 thru EA03

ADA CURB RAMP PILOT PROGRAM PROJECT

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JULY 09, 2002
MICHAEL J. HOHBACH
EXPIRES 6-30-23

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KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

TRAFFIC CONTROL DETAILS

SHEET NO.
ED01

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Klamath Falls Traffic Control Summary

Sheet	Site #	Highway	Cross Street	Corner #	Option*	Comments
C401	Klamath Falls 1	US97	Tunnel St.	2	A2	Route pedestrians in front of work area.
C402	Klamath Falls 2	US97	Riverside Ave.	1	A1	Route pedestrians in front of work area. Requires shifting WB vehicular traffic along US97B to center left turn lane. Requires utilizing the center turn lane for left turns and through movements. Maintain 2-way traffic at all times. Maintain driveway access at all times.
C402	Klamath Falls 2	US97	Riverside Ave.	2	A1	Route pedestrians in front of work area. Requires shifting WB vehicular traffic along US97B to center left turn lane. Requires utilizing the center turn lane for left turns and through movements. Maintain 2-way traffic at all times. Maintain driveway access at all times.
C402	Klamath Falls 2	US97	Riverside Ave.	3 & 4	A1 , C	Construct one corner at a time. Route pedestrians in front of work area. Use option C across Main St for EB pedestrian traffic.
C402	Klamath Falls 2	US97	Riverside Ave.	5	A1	Route pedestrians in front of work area. Requires closing shoulder for work area.
C403	Klamath Falls 3	US97	George Nurse Way	1	A2	Route pedestrians in front of work area. Requires shifting EB vehicular traffic along US97B to center left turn lane. Requires utilizing the center turn lane for left turns and through movements. Maintain 2-way traffic at all times.
C403	Klamath Falls 3	US97	George Nurse Way	2	A1	Route pedestrians in front of work area. Requires shifting EB vehicular traffic along US97B to center left turn lane. Requires utilizing the center turn lane for left turns and through movements. Maintain 2-way traffic at all times.
C403	Klamath Falls 3	US97	George Nurse Way	3	A2	Route pedestrians in front of work area. Add: Requires shifting WB vehicular traffic along US97B to the center right turn lane. Requires utilizing the center right turn lane for right turns, left turns and through movements. Maintain 2-way traffic at all times.
C403	Klamath Falls 3	US97	George Nurse Way	4	N/A	To be constructed under seperate contract, See K20535 construction plans.
C404	Klamath Falls 4	US97	Payne Alley	3 & 4	A1	Construct both corners at one time. Route pedestrians in front of work area. Requires shifting EB vehicular traffic along US97B. Maintain 2-way traffic at all times.
C405	Klamath Falls 5	US97	Michigan Ave.	1	A1	Route pedestrians in front of work area. Requires shifting WB vehicular traffic along US97B. Requires utilizing painted median for WB traffic. Maintain 2-way traffic at all times.
C405	Klamath Falls 5	US97	Michigan Ave.	2	A1	Route pedestrians in front of work area. Requires shifting WB vehicular traffic along US97B. Requires utilizing painted median for WB traffic. Maintain 2-way traffic at all times.
C405	Klamath Falls 5	US97	Michigan Ave.	3	A1, C	Route pedestrians in front of work area. Use option C across Michigan St for NB pedestrian traffic. Requires shifting EB vehicular traffic along US97 B to center left turn lane. Requires utilizing the center left turn lane for left turns and through movements. Maintain 2-way traffic at all times.
C405	Klamath Falls 5	US97	Michigan Ave.	4	A1. C	Route pedestrians in front of work area. Use option C across Michigan St for NB pedestrian traffic.
C406	Klamath Falls 6	US97	Leg to Michigan Ave.	3	B1	Detour pedestrians around work area.
C406	Klamath Falls 6	US97	Leg to Michigan Ave.	4	B1	Detour pedestrians around work area.
C407	Klamath Falls 7	US97	N. Spring St.	1	A1, C	Route WB pedestrians in front of work area. Requires closing shoulder for work area. Use option C across Spring St St for SB pedestrian traffic. Requires shifting WB vehicular traffic along US97B to center left turn lane. Requires utilizing the center left turn lane for right turns, left turns and through movements. Maintain 2-way traffic at all times.
C407	Klamath Falls 7	US97	N. Spring St.	2	B1, C	Detour pedestrians around work area. Use option C across Spring St for SB pedestrian traffic.
C407	Klamath Falls 7	US97	N. Spring St.	3	B1	Detour pedestrians around work area.
C407	Klamath Falls 7	US97	N. Spring St.	4	A1	Detour pedestrian around work area.
C408	Klamath Falls 8	US97	Washburn Way	1, MP 2.82	A2	Requires closing shoulder to construct corner. Route pedestrians in front of work area.
C408	Klamath Falls 8	US97	Washburn Way	4, MP 2.83	A2	Route pedestrians in front of work area. Requires shoulder closure for work area.
C409	Klamath Falls 9	US97	Washburn Way	1	B1	Detour pedestrian around work area.
C409	Klamath Falls 9	US97	Washburn Way	2	N/A	TPAR is not necessary at this location.

*Refer to TCP Detail Sheets EA01 thru EA03

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VARIOUS COUNTIES

Designer: Jose Banuelos | Reviewer: Travis Kruger
Drafter: Stephanie Teeter | Checker: Jose Banuelos

TRAFFIC CONTROL DETAILS

SHEET NO. EE01

FINAL ELECTRONIC DOCUMENT
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55V-026

Altamont Traffic Control Summary (Sites 1-31)

Sheet	Site #	Highway	Cross Street	Corner #	Option*	Comments
C501	Altamont 1	Midland Hwy	Walmart Entrance	1	A2/D	Requires closing bike lane (extra roadway pavement) for work area. Potential for reducing through lane if pedestrains are routed in front of work area. Route pedestrians in front of or behind work area.
C502	Altamont 2	Laverne	Washburn	1	A1	May require closing right through lane for work area. May shift traffic to center left turn lane. Route pedestrians in front of or behind work area. Requires closing bike lane for work area. Requires closing right through lane if pedestrains are routed in front of work area. Route pedestrians in front of or behind work area.
C502	Altamont 2	Laverne	Washburn	2	A1/D	Potential for reducing turn lane for work area. Route pedestrians in front of or behind work area.
C502	Altamont 2	Laverne	Washburn	2A	E3	Route pedestrians around island. Close entire island for reconstruction. Detour (see sht. EA05).
C502	Altamont 2	Laverne	Washburn	3	A1	Holdout required w/o closing turn lane. Potential for reducing through lane for work area. May require closing right through lane if pedestrians are routed in front of work area.
C502	Altamont 2	Laverne	Washburn	4	A1	Potential for reducing through lane for work area. May require closing right through lane if pedestrians are routed in front of work area (Not recommended since one side of intersection is 2 Lane, 2 Way). Route pedestrians in front of or behind work area.
C503	Altamont 3	OR39	Dollar Tree	1,2	A1	Build one corner at a time. Requires closing bike lane for work area. Requires closing right through lane for pedestrian route. Route pedestrians in front of work area.
C503	Altamont 3	OR39	Dollar Tree	4	A1	Build one corner at a time. Requires closing bike lane for work area. Requires closing right through lane for pedestrian route if pedestrians are routed in front of work area. Route pedestrians in front of or behind work area.
C504	Altamont 4	OR39	House of Shoes	1,2	A1 A1	Build one corner at a time. Requires closing bike lane for work area. Requires closing right through lane for pedestrian route. Route pedestrians in front of work area.
C505	Altamont 5	OR39	Arthur Street	1,2	A2 A1	Build one corner at a time. Requires closing bike lane for work area. Requires closing right through lane for pedestrian route. Route pedestrians in front of work area.
C505	Altamont 5	OR39	Arthur Street	3	A1	Reduce through lane for work area and pedestrian route. Route pedestrians in front of or behind work area.
C505	Altamont 5	OR39	Arthur Street	4	A1	Reduce through lane for work area and pedestrian route. Route pedestrians in front of work area.
C506	Altamont 6	OR39	Altamont Drive	1	A1	Holdout required w/o closing turn lane. May require right turn lane closure if pedestrians are routed in front of work area. Potential to reduce through lane for work area and pedestrian route if pedestrians are routed in front of work area.
C506	Altamont 6	OR39	Altamont Drive	2,3,4	A1, C	Holdout required w/o closing turn lane. May require right turn lane closure if pedestrians are routed in front of work area. Potential to reduce through lane for work area and pedestrian route if pedestrians are routed in front of work area.
C507	Altamont 7	OR39	Entrance to Fair Grounds	3	A1	Holdout required w/o closing turn lane. May require closing right turn lane if pedestrians are routed in front of work area.
C507	Altamont 7	OR39	Entrance to Fair Grounds	4	A1	Holdout required w/o closing turn lane. Requires closing bike lane for work area. May require closing right through lane for pedestrian route.
C508	Altamont 8	OR39	Crest Street	1,2,3,4	A1	Requires closing bike lane for pedestrian route. Route pedestrians in front of work area.
C509	Altamont 9	OR39	Entrance to Wubba's BBQ	1	A2	Requires closing bike lane for pedestrian route. Route pedestrians in front of work area.
C509	Altamont 9	OR39	Entrance to Wubba's BBQ	2	A1	Requires closing bike lane for pedestrian route. Route pedestrians in front of work area.
C510	Altamont 10	OR39	Derby Street	1,2	A1	Requires closing bike lane for work area. Route pedestrians in front of work area.
C511	Altamont 11	OR39	Summers Lane	2	A1	Requires closing bike lane for work area. May require closing right through lane if pedestrians are routed in front of work area. Route pedestrians in front of or behind work area.
C512	Altamont 12	OR39	HWY 050	1,2	-	There is enough existing width on the sidewalk to remove and install one sign
C513	Altamont 13	OR39	Fargo St	1	A1	Requires closing bike lane for work area. Requires closing right through lane. Route pedestrians in front of work area.
C513	Altamont 13	OR39	Fargo St	2	A1, C	Holdout required w/o closing turn lane. Potential for reducing through lane for work area.
C514	Altamont 14	OR39	Gettle St	1,2	A1	Potential for reducing through lane for work area.
C515	Altamont 15	OR39	Hope St (MP 3.57)	1,2	A1	Requires closing bike lane for work area. Requires closing right through lane for pedestrian route. Route pedestrians in front of work area.
C516	Altamont 16	OR39	Hope St (MP 3.62)	1,2	A1	Requires closing bike lane for work area. Requires closing right through lane for pedestrian route. Route pedestrians in front of work area.
C517	Altamont 17	OR39	Wiard St	1,2	A1	Requires closing bike lane for work area. Requires closing right through lane for pedestrian route. Route pedestrians in front of work area.
C518	Altamont 18	OR39	Kane St	1,2	A1	Requires closing bike lane for work area. Requires closing right through lane for pedestrian route. Route pedestrians in front of work area.
C519	Altamont 19	OR39	Homedale Dr	1,2	A1	Holdout required w/o closing turn lane. May require closing through lane for work area. Shift traffic to center left turn lane. Requires closing through lane if pedestrians are routed in front of work area.
C520	Altamont 20	OR39	Entrance to Albertsons	2	A1	Requires closing bike lane for work area. Potential for reducing turn lane for work area. Requires closing right through lane for pedestrian route. Route pedestrians in front of work area.
C521	Altamont 21	OR39	Entrance to Vacant Lot	2	A1	Requires closing bike lane for work area. Potential for reducing travel lane for work area. Requires closing right through lane for pedestrain route. Route pedestrians in front of work area.
C522	Altamont 22	OR39	Madison St	1	A1	Holdout required w/o closing turn lane. Potential for reducing travel lane for work area. Requires closing through lane if pedestrians are routed in front of work area. Shift traffic to center left turn lane.
C522	Altamont 22	OR39	Madison St	2	A1	Holdout required w/o closing turn lane. Potential for reducing turn lane for work area. Requires closing turn lane if pedestrians are routed in front of work area. Shift traffic to left turn lane.
C522	Altamont 22	OR39	Madison St	3	A1	Holdout required w/o closing turn lane. Requires closing bike lane and through lane for work area. Shift traffic to center left turn lane. Requires closing through/turn lane if pedestrians are routed in front of work area.
C522	Altamont 22	OR39	Madison St	4	A1	Holdout required w/o closing turn lane. Requires closing bike lane and through lane for work area. Shift traffic to center left turn lane. Requires closing through/turn lane if pedestrians are routed in front of work area.

*Refer to TCP Detail Sheets EA01 thru EA03

ADA CURB RAMP PILOT PROGRAM PROJECT

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RYAN ARTHUR STEPHENS
EXPIRES: 06/30/2022

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens | Reviewer: Dave Simmons
Drafter: Dan O'Shaughnessy | Checker: Stan Petroff

TRAFFIC CONTROL DETAILS

SHEET NO. EF01

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Altamont Traffic Control Summary (Sites 1-31) cont.

Sheet	Site #	Highway	Cross Street	Corner #	Option*	Comments
C523	Altamont 23	OR39	Nile St	1,2,3,4	A1	Requires closing bike lane for work area. Requires closing right through lane for pedestrian route. Route pedestrians in front of work area. May require closing right through lane for work area.
C524	Altamont 24	OR39	Ogden St	1,2,3	A1	Requires closing bike lane for work area. Requires closing right through lane for pedestrian route. Route pedestrians in front of work area. May require closing right through lane for work area.
C524	Altamont 24	OR39	Ogden St	4		No work at this corner.
C525	Altamont 25	OR39	Simmers Ave	1,2	A1	Requires closing bike lane for work area. May require closing right through lane for pedestrian route if pedestrians cannot be routed behind work area. Route pedestrians in front of or behind work area.
C525	Altamont 25	OR39	Simmers Ave	3,4	A1	Requires closing bike lane for work area. May require closing right through lane for pedestrian route if pedestrians are routed in front of work area. Route pedestrians in front of or behind work area.
C526	Altamont 26	OR39	Patterson St	1	A1, C	Holdout required w/o closing turn lane. Requires closing bike lane for work area. May require closing right through lane for pedestrian route if pedestrians are routed in front of work area.
C526	Altamont 26	OR39	Patterson St	2	A1, C	Holdout required w/o closing turn lane. Requires closing bike lane for work area. May require closing right turn lane and right through lane for pedestrian route if pedestrians are routed in front of work area.
C526	Altamont 26	OR39	Patterson St	3	A1, C	Requires closing bike lane for work area. Requires closing right through lane for pedestrian route. Route pedestrians in front of work area.
C526	Altamont 26	OR39	Patterson St	4	A1	Requires closing bike lane for work area. Requires closing right turn lane and right through lane for pedestrian route. Route pedestrians in front of work area. Shift traffic to center left turn lane.
C527	Altamont 27	OR39	Ent. to K-Falls center	1	A1, C	Requires closing bike lane for work area. Requires closing right through lane for pedestrian route. Route pedestrians in front of work area.
C527	Altamont 27	OR39	Ent. to K-Falls center	2	A1, C	Requires closing bike lane for work area. Requires closing right through lane for pedestrian route. Route pedestrians in front of work area. Combine TM841 Right Lane Closure Far Side and TM842 Right Lane Closure Far Side.
C527	Altamont 27	OR39	Ent. to K-Falls center	3	A1, C	Requires closing bike lane for work area. Requires closing righ through lane for pedestrian route. Route pedestrians in front of work area.
C527	Altamont 27	OR39	Ent. to K-Falls center	4	A1,C	Holdout required w/o closing turn lane. Requires closing bike lane for work area. May require closing right through lane and reducing right turn lane if pedestrians are routed in front of work area.
C528	Altamont 28	OR39	Unity St.	1,2	A1	Requires closing bike lane for work area. Requires closing right through lane for pedestrian route. Route pedestrians in front of work area.
C528	Altamont 28	OR39	Unity St.	3	A1, C	Requires closing bike lane for work area. May require closing right through lane if pedestrians are routed in front of work area. Route pedestrians in front of or behind work area. Potential for lane reduction if pedestrians are routed in front of work area. Route pedestrians in front of or behind work area.
C528	Altamont 28	OR39	Unity St.	4	A1	Holdout required w/o closing turn lane. Requires closing bike lane for work area. May require closing right through lane for pedestrian route if pedestrians are routed in front of work area. Potential for reducing/shifting lanes if pedestrians are routed in front of work area.
C529	Altamont 29	OR39	Hilyard Ave.	1	A1	Requires closing bike lane for work area. Requires closing right through lane for pedestrian route. Route pedestrians in front of work area. Reduce through lane for work area.
C529	Altamont 29	OR39	Hilyard Ave.	2	A1	Requires closing bike lane for pedestrian route. Reduce turn lane for work area.
C529	Altamont 29	OR39	Hilyard Ave.	4	A1	Reduce through lane for work area.
C529	Altamont 29	OR39	Hilyard Ave.	5	A1	Requires closing bike lane for work area. Requires closing right through lane for pedestrian route. Route pedestrians in front of work area.
C530	Altamont 30	OR39	Entrance to KCC	1,2	A1	Requires closing bike lane for work area. Requires closing right through lane for pedestrian route. Route pedestrians in front of work area.
C531	Altamont 31	OR39	OR39/OR140 Interchange	1	A1	Requires closing bike lane for work area. Requires closing right through lane for pedestrian route. Route pedestrians in front of work area.

*Refer to TCP Detail Sheets EA01 thru EA03

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OREGON DEPARTMENT OF TRANSPORTATION

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Ryan Stephens | Reviewer: Dave Simmons
Drafter: Dan O'Shaughnessy | Checker: Stan Petroff

TRAFFIC CONTROL DETAILS | SHEET NO. EF02

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Merrill Traffic Control Summary

Sheet	Site #	Highway	Cross Street	Corner #	Option* **	Comments
C601	Merrill 1	OR39	N Polk St.	1 & 2	A2, E1	Requires closing shoulder for work area. Detour pedestrians around work area via. temp. curb ramp where needed. Temporarily close left turn median lane and use as a thru lane.
C601	Merrill 1	OR39	N Polk St.	3	A2, E1	Requires closing shoulder for work area. Detour pedestrians around work area via. temp. curb ramp where needed. Temporarily close left turn median lane and use as a thru lane.
C602	Merrill 2	OR39	S Garfield St.	1 & 2	B1, E1	Requires closing shoulder for work area. Detour pedestrians around work area. Temporarily close left turn median lane and use as a thru lane.
C602	Merrill 2	OR39	S Garfield St.	3	B3, E1	Requires closing shoulder for work area. Detour pedestrians around work area. Temporarily close left turn median lane and use as a thru lane.
C602	Merrill 2	OR39	N Garfield St.	4 & 5	B1, E1	Requires closing shoulder for work area. Detour pedestrians around work area. Temporarily close parking space. Temporarily close left turn median lane and use as a thru lane.
C602	Merrill 2	OR39	N Garfield St.	6	B3, E1	Requires closing shoulder for work area. Detour pedestrians around work area. Temporarily close left turn median lane and use as a thru lane.
C603	Merrill 3	OR39	N Jefferson St.	1 & 2	B3, E1	Requires closing shoulder for work area. Detour pedestrians around work area. Maintain business access at all times. Temporarily close left turn median lane and use as a thru lane.
C603	Merrill 3	OR39	N Jefferson St.	3 & 4	B1, E1	Requires closing shoulder for work area. Detour pedestrians around work area. Temporarily close parking space. Temporarily close left turn median lane and use as a thru lane.
C604	Merrill 4	OR39	N Monroe St.	1 & 2	B3, E1	Requires closing shoulder for work area. Detour pedestrians around work area. Maintain business access at all times. Temporarily close left turn median lane and use as a thru lane. Contractor to construct storm sewer pipe in 12' sections, leaving 28' of traversable surface available to meet mobility requirements.
C604	Merrill 4	OR39	N Monroe St.	3 & 4	B1, E1	Requires closing shoulder for work area. Detour pedestrians around work area. Maintain business access at all times. Temporarily close parking space. Temporarily close left turn median lane and use as a thru lane. Contractor to construct storm sewer pipe in 12' sections, leaving 28' of traversable surface available to meet mobility requirements.
C605	Merrill 5	OR39	S Main St.	1 & 2	B1, E1	Requires closing shoulder for work area. Detour pedestrians around work area. Maintain business access at all times. Temporarily close left turn median lane and use as a thru lane.
C605	Merrill 5	OR39	N Main St.	3 & 4	B1, E1	Requires closing shoulder for work area. Detour pedestrians around work area. Maintain business access at all times. Temporarily close left turn median lane and use as a thru lane.
C606	Merrill 6	OR39	N Washington St.	1 & 2	B3, E1	Requires closing shoulder for work area. Detour pedestrians around work area. Maintain business access at all times. Temporarily close left turn median lane and use as a thru lane.
C606	Merrill 6	OR39	N Washington St.	3 & 4	B2, E1	Requires closing shoulder for work area. Detour pedestrians around work area. Maintain business access at all times. Temporarily close parking space. Temporarily close left turn median lane and use as a thru lane.
C607	Merrill 7	OR39	N Madison St.	1 & 2	B3, E1	Requires closing shoulder for work area. Detour pedestrians around work area. Maintain business access at all times. Temporarily close left turn median lane and use as a thru lane.
C607	Merrill 7	OR39	N Madison St.	3 & 4	B1, E1	Requires closing shoulder for work area. Detour pedestrians around work area. Maintain business access at all times. Temporarily close parking space. Temporarily close left turn median lane and use as a thru lane.
C608	Merrill 8	OR39	N Clay St.	1 & 2	B3, E1	Requires closing shoulder for work area. Detour pedestrians around work area. Maintain business access at all times. Temporarily close left turn median lane and use as a thru lane.
C608	Merrill 8	OR39	N Clay St.	3 & 4	B1, E1	Requires closing shoulder for work area. Detour pedestrians around work area. Maintain business access at all times. Temporarily close left turn median lane and use as a thru lane.
C609	Merrill 9	OR39	N Lincoln St.	1 & 2	A2, E1	Requires closing shoulder for work area. Detour pedestrians around work area via. temp. curb ramp where needed. Maintain business access at all times. Temporarily close left turn median lane and use as a thru lane. Contractor to construct storm sewer pipe in 12' sections, leaving 28' of traversable surface available to meet mobility requirements.
C609	Merrill 9	OR39	N Lincoln St.	4	A2, E1	Requires closing shoulder for work area. Detour pedestrians around work area via. temp. curb ramp where needed. Temporarily close left turn median lane and use as a thru lane. Contractor to construct storm sewer pipe in 12' sections, leaving 28' of traversable surface available to meet mobility requirements.

* Refer to TCP Detail Sheets EA01 thru EA03
** Temporary Closure of Left Turn Median Lane, refer to ODOT Std. Drg. TM842

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MICHAEL J. HOHBACH
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KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Brent Saechao Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

TRAFFIC CONTROL DETAILS

SHEET NO. EG01

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Beatty Traffic Control Summary

Sheet	Site #	Highway	Cross Street	Corner #	Option*	Comments
C701	Beatty 1	OR140	Hutchinson Ave.	2	A2	Requires flagger controlled lane closure for vehicular traffic control. Route pedestrians in front of work area. Requires closing shoulder for work area.
C702	Beatty 2	OR140	Jefferson Ave.	1 & 2	A1	Construct both corners at one time. Requires flagger controlled lane closure for vehicular traffic control. Route pedestrians in front of work area. Requires closing shoulder for work area.
C703	Beatty 3	OR140	N/A	1	A2	Requires flagger controlled lane closure for vehicular traffic control. Route pedestrians in front of work area. Requires closing shoulder for work area.
C704	Beatty 4	OR140	N/A	1	A2	Requires flagger controlled lane closure for vehicular traffic control. Route pedestrians in front of work area. Requires closing shoulder for work area.

*Refer to TCP Detail Sheets EA01 thru EA03

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KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hepfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

TRAFFIC CONTROL DETAILS

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Bly Traffic Control Summary

Sheet	Site #	Highway	Cross Street	Corner #	Option*	Comments
C801	Bly 1	OR140	Axel St.	1	A2	Route pedestrians in front of work area. Requires closing shoulder for work area.
C802	Bly 2	OR140	Stewart St. (Crane St.)	1 & 2	A1	Construct both corners at one time. Route pedestrians in front of work area. Requires closing shoulder for work area.
C802	Bly 2	OR140	Stewart St. (Crane St.)	3	A2	Route pedestrians in front of work area. Requires closing shoulder for work area.
C803	Bly 3	OR140	Gerber St.	1 & 2	B1, C	Requires closing shoulder for work area. Detour pedestrians around work area. Use option C across Gerber St for WB pedestrian traffic.
C803	Bly 3	OR140	Gerber St.	3 & 4	B1, C	Requires closing shoulder for work area. Detour pedestrians around work area. Use option C across Gerber St for EB pedestrian traffic. Maintain business access at all times.
C804	Bly 4	OR140	Edler St. (Main Ave.)	1 & 2	B1, C	Requires closing shoulder for work area. Detour pedestrians around work area. Use option C across Elder St (Main Ave) for SB pedestrian traffic. Maintain business access at all times.
C804	Bly 4	OR140	Edler St. (Main Ave.)	3 & 4	B1, C	Requires closing shoulder for work area. Detour pedestrians around work area. Use option C across Elder St (Main Ave) for NB pedestrian traffic. Maintain business access at all times.
C805	Bly 5	OR140	Marvin St.	1 & 2	A1	Construct both corners at one time. Route pedestrians in front of work area. Requires closing shoulder for work area.
C805	Bly 5	OR140	Marvin St.	4	A2	Route pedestrians in front of work area. Requires closing shoulder for work area.
C806	Bly 6	OR140	Edsall St.	1	A2	Route pedestrians in front of work area. Requires closing shoulder for work area.

*Refer to TCP Detail Sheets EA01 thru EA03

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KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Landon Hopfner Reviewer: Mike Hohbach
Drafter: Stuart Smith Checker: Tony Quinn

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LEGEND
VARIOUS INTERSECTIONS
M.P. VARIES
ALTAMONT

L E G E N D

SIGNALS

- (EX / VPh) Retain and protect existing phase (Ph-phase) vehicle signal
- (EX / FD) Retain and protect existing fire preemption detector unit
- (RX / PB) Remove existing pedestrian pushbutton and instruction sign
- (RX / P/B) Remove existing pedestrian signal, pushbutton and instruction sign
- (A / Ph) Install phase (Ph=phase) audible pedestrian pushbutton with mount
- (C / Ph) Install phase (Ph=phase) countdown pedestrian signal with mount
- (EX / P/B Ph) Retain and protect existing pedestrian signal, pushbutton and instruction sign

POLES

- (PP) Install pedestrian signal pedestal with frangible base
- (PS) Install pushbutton post
- (EX / MP) Retain and protect existing traffic signal mast arm pole
- (EX / WP) Retain and protect existing wood pole
- (EX / SP) Retain and protect existing strain pole
- (EX / MPL) Retain and protect existing traffic signal mast arm pole luminaire with luminaire pole extension

CABINETS

- (EX / C) Retain and protect existing controller and cabinet
- (EX / SC) Retain and protect existing service cabinet
- (RX / SC) Remove existing service cabinet
- (SC) Install service cabinet, 120/240 volt, for signal system
- (EX / MS) Retain and protect existing meter base

DETECTION

- (EX / CAM Ph) Retain and protect existing video vehicle detector camera
- (CAM / T) Install video detector camera (T=Camera)
- (RX / FPh) Remove existing phase (Ph=phase) loop feeder cable

GENERAL NOTES

1. Protect existing signal equipment and wiring in place unless otherwise noted on plan sheets
2. Install conduits in joint trench where feasible.
3. Coordinate with field engineer for final pedestrian signal pedestal and pushbutton post locations.
4. Coordinate work requiring modifications to traffic signal operations with ODOT Region 4 Electricalat least 7 days prior to work. Contact Brad Stevens: 541-388-6077.

JUNCTION BOXES

- (EX / JB) Retain and protect existing junction box
- (RX / JB) Remove existing junction box
- (JB / 3) Install 30"x17"x12" (min. dimension) precast concrete junction box
- (JB / 2) Install 22"x12"x12" (min. dimension) precast concrete junction box
- (JB / 2A) Install 22"x12"x12" (min. dimension) precast concrete junction box with concrete apron
- (JB / 1) Install 17"x10"x12" (min. dimension) precast concrete junction box
- (EX / HH) Retain and protect existing fiber optic hand pole

SIGNAL HEAD TYPES

2 = 12" R, 12" Y, 12" G
6L = 12" RLTA, 12" YLTA, 12" FYLTA, 12" GLTA

WIRES & CABLES

- (X-N / G) Install (X=number of cables) control cable(s) with (N=number) (G=AWG wire size) AWG conductors
- (VDF / T) Install video detection coaxial and power cable for camera (T=Camera)
- (EX / 39) Retain and protect existing messenger cable
- (EX / W) Retain and protect existing wiring
- (RX / W) Remove existing wiring
- [N | G] Install (N=number) No. (G=AWG wire size) XHHW wires

CONDUITS

- (S) Install (S=size) inch conduit
- (HDD) Install conduit by horizontal directional drilling open trench not allowed
- (CJ) Splice new electrical conduit to existing electrical conduit
- (EX / EC) Retain and protect existing electrical conduit
- (EX / DC) Retain and protect existing detector conduit
- (EX / IC) Retain and protect existing interconnect conduit
- (AX / C) Abandon existing conduit

CONSTRUCTION NOTES:

1. Remove existing phase 6 pedestrian pushbutton wiring.
2. Relocate existing phase 8 pedestrian signal and pushbutton wiring to new pedestrian pedestal.
3. Remove existing phase 6 pedestrian signal and pushbutton wiring.
5. Relocate existing phase 2 pedestrian pushbutton wiring to new pedestrian pushbutton post.
6. Remove existing phase 4 and 6 pedestrian signal and pushbutton wiring.
7. Relocate existing phase 4 pedestrian pushbutton wiring to new pedestrian pushbutton post
8. Remove existing phase 2 and 4 pedestrian signal and pushbutton wiring.
9. Remove existing phase 2 and 8 pedestrian signal and pushbutton wiring.
10. Remove existing phase 8 pedestrian pushbutton wiring.
11. Remove existing phase 8 pedestrian signal and pushbutton wiring.
12. Pull all wires out for conduit joint and junction box relocation.
13. Rewire all wires which had been pulled out from construction note 12 after conduit joint and junction box relocation.
14. Relocate existing phase 6 and 8 pedestrian pushbutton wiring to new pushbutton post.
15. Relocate existing phase 4 and 6 pedestrian signal and pushbutton wiring to new pedestrian pedestal
16. Remove existing phase 2 and 8 pedestrian pushbutton wiring.
17. Relocate existing phase 2 pedestrian signal and pushbutton wiring to new pedestrian pedestal.
18. Relocate existing phase 4 pedestrian signal and pushbutton wiring to new pedestrian pedestal.
19. Relocate existing phase 6 pedestrian signal and pushbutton wiring to new pedestrian pedestal.
20. Remove existing phase 4 pedestrian signal and pushbutton wiring.
21. Remove existing phase 2 pedestrian signal and pushbutton wiring.
22. Remove existing phase 2 pedestrian pushbutton wiring.

Standard Dwg. Nos.

TM450 – Mast Arm Pole Details
TM457 – Vehicle, Pedestrian Signal and Pushbutton Mounting Option Details
TM467 – Pedestrian Signal Mount and Pedestrian Pushbutton Details
TM470 – Wire & Cable Installation and Color Code Charts
TM471 – Trenching & Conduit Installation
TM472 – Traffic Signal Junction Box/Hand Holes
TM482 – Controller Cabinet & Service Cabinet Foundation Details
TM485 – Service Cabinet Wiring Detail

Scott B Cramer CRAMER Scott B Nov 10 2021 8:11 AM
Traffic Section Approval

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER 85,648
Digitally Signed 2021.11.05 10:48:34-07'00'
OREGON
JUNE 7, 2012
ADAM N. MILES
EXPIRES: DEC. 31, 2022

DOWL WWW.DOWL.COM

KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

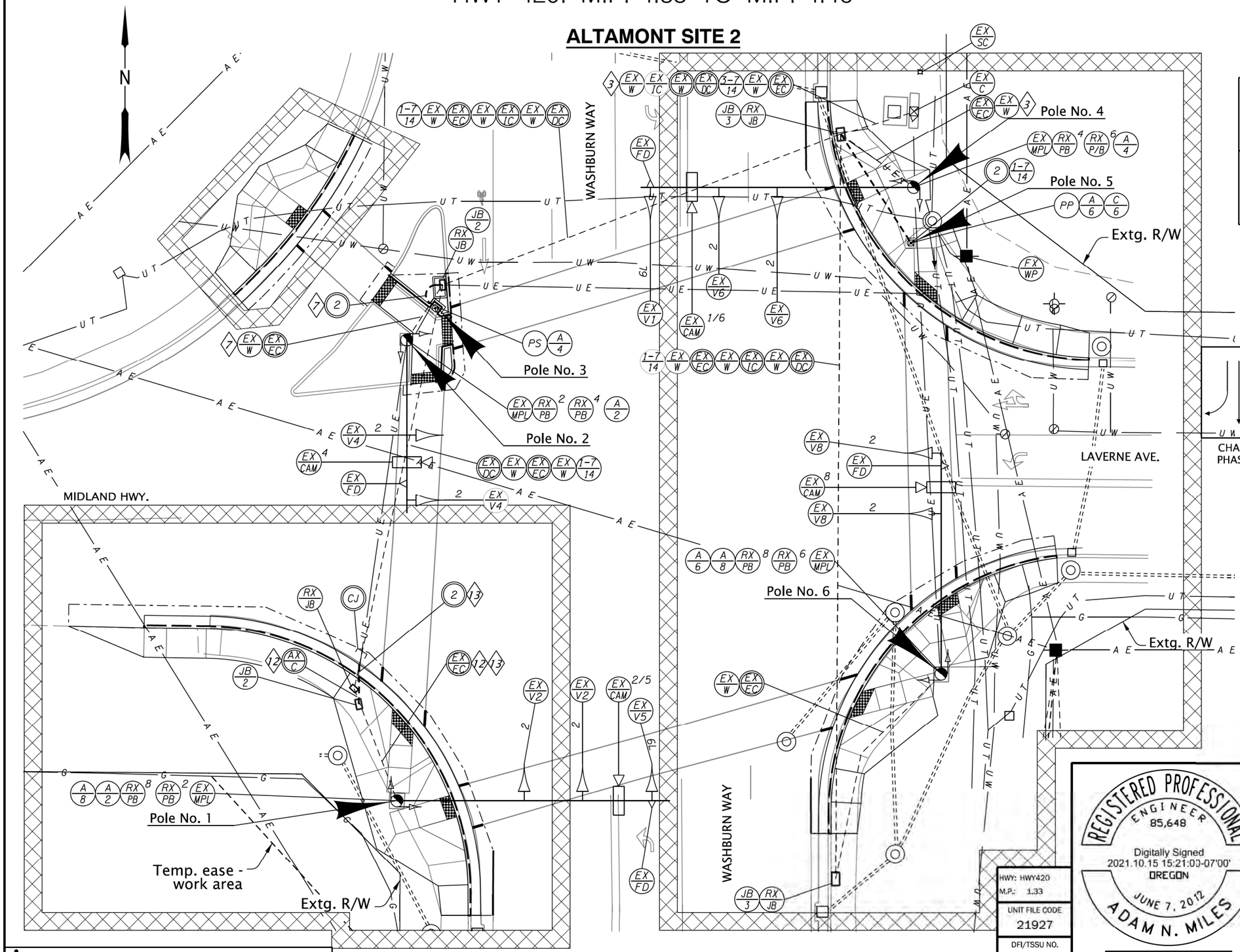
Designer: Adam Miles	Reviewer: Dave Simmons
Drafter: Dan O'Shaughnessy	Checker: Stan Petroff

HWY: HWY420/OR039	
M.P.: VARIES	
UNIT FILE CODE: 21926	
DFI/TSSU NO.: 00000	
LEGEND	SHEET NO.: MA01

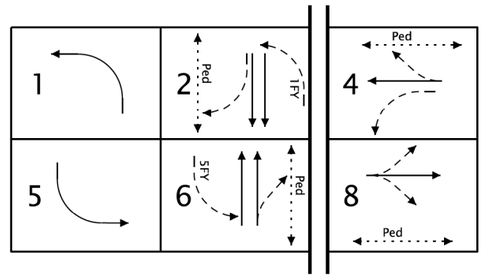
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

HWY 420: M.P. 1.33 TO M.P. 1.46

ALTAMONT SITE 2



SIGNAL PLAN
MIDLAND HWY. AT WASHBURN WAY
HWY. 420 AT M.P. 1.33
ALTAMONT



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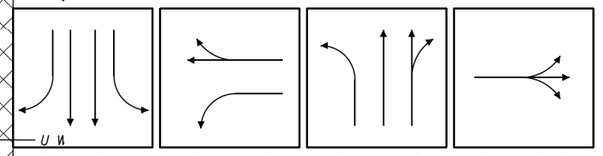

FIRE PREEMPTION

Right-of-Way delays or access delays (See 00180.65)

20 10 0 20
FEET

CRAMER Scott B — Digitally signed by CRAMER Scott B — Date: 2021.10.18 08:29:33 -07'00'
Traffic Section Approval

REGISTERED PROFESSIONAL ENGINEER
85,648
Digitally Signed
2021.10.15 15:21:00-07'00'
OREGON
JUNE 7, 2012
ADAM N. MILES
EXPIRES: DEC. 31, 2022

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KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Adam Miles — Reviewer: Dave Simmons
Drafter: Dan O'Shaughnessy — Checker: Stan Petroff

SIGNAL PLAN — SHEET NO. MB01

HWY: HWY420
M.P.: 1.33
UNIT FILE CODE 21927
DFI/TSSU NO. 11033

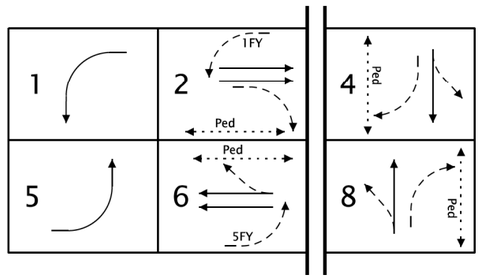
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

ADA CURB RAMP PILOT PROGRAM PROJECT

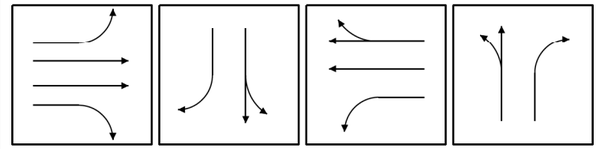
OR 039: M.P. 2.52 TO M.P. 5.61

ALTAMONT SITE 6

SIGNAL PLAN
S. 6TH ST. AT ALTAMONT DR.
ORE. 039 AT M.P. 2.72
ALTAMONT



NORMAL PHASE ROTATION



FIRE PREEMPTION

Pole No. 10
Pole No. 11
Pole No. 12
Pole No. 13
Pole No. 14
Pole No. 15
Pole No. 9
Pole No. 8
Pole No. 7
OR 039
ALTAMONT DR.
Extg. R/W
Extg. R/W

Right-of-Way delays or access delays (See 00180.65)

20 10 0 20
FEET

CRAMER Scott B Digitally signed by CRAMER Scott B Date: 2021.10.18 08:29:57 -07'00'
Traffic Section Approval

REGISTERED PROFESSIONAL ENGINEER 85,648
Digitally Signed 2021.10.15 15:21:31-07'00'
OREGON
JUNE 7, 2012
ADAM N. MILES
EXPIRES: DEC. 31, 2022

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KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Adam Miles	Reviewer: Dave Simmons
Drafter: Dan O'Shaughnessy	Checker: Stan Petroff

SIGNAL PLAN — SHEET NO. MB02

HWY: OR039
M.P.: 2.72
UNIT FILE CODE 21928
DFI/TSSU NO. 11009

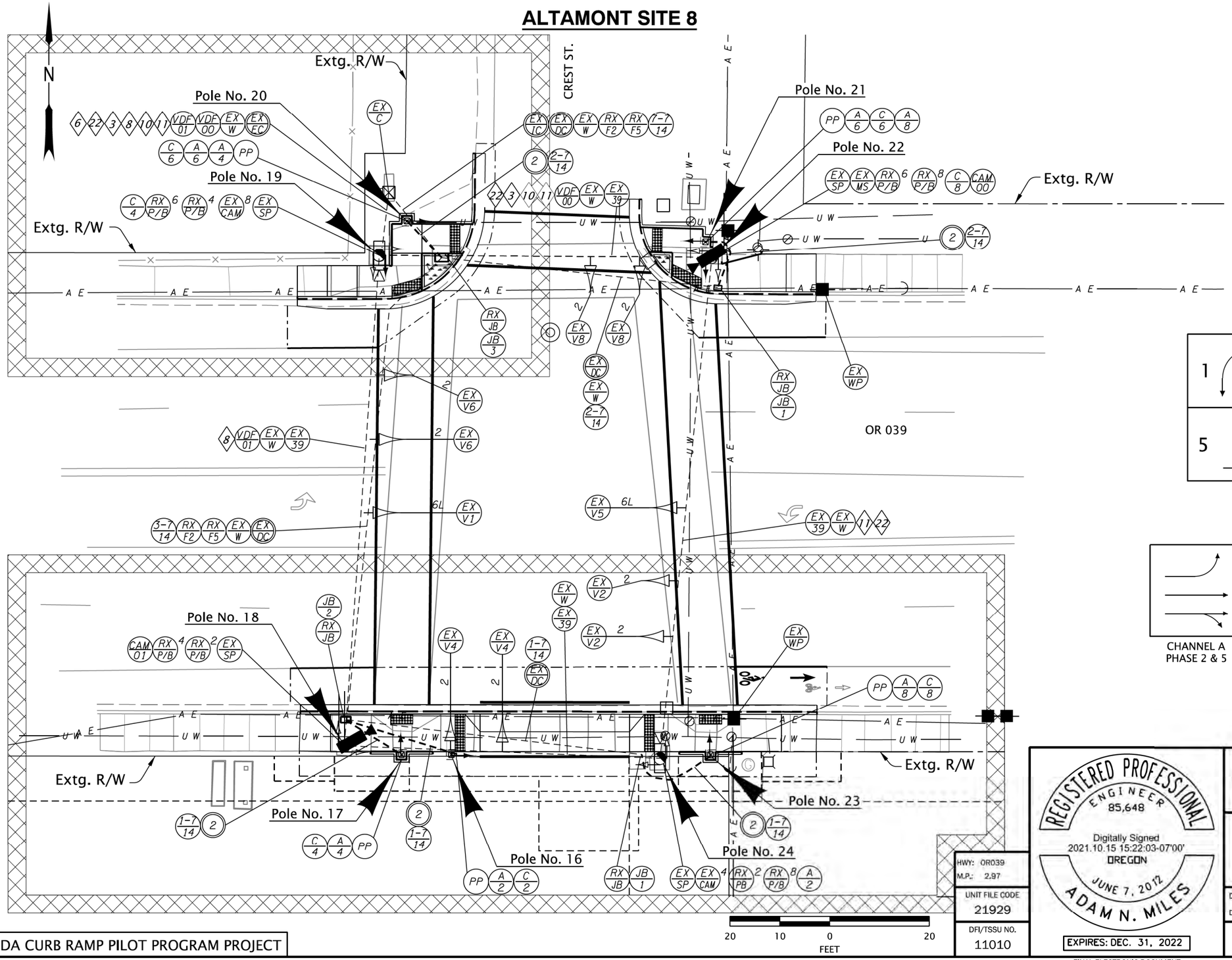
ADA CURB RAMP PILOT PROGRAM PROJECT

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

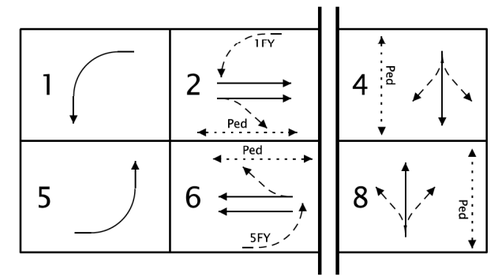
OR 039: M.P. 2.52 TO M.P. 5.16

ALTAMONT SITE 8

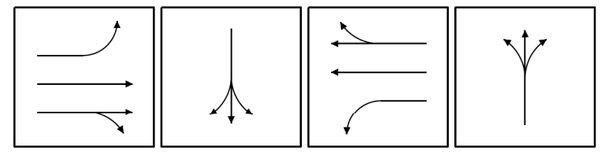
SIGNAL PLAN
S. 6TH ST. AT CREST ST.
ORE. 039 AT M.P. 2.97
ALTAMONT



Right-of-Way delays or access delays (See 00180.65)



NORMAL PHASE ROTATION



CHANNEL A	CHANNEL B	CHANNEL C	CHANNEL D
PHASE 2 & 5	PHASE 4	PHASE 1 & 6	PHASE 8

FIRE PREEMPTION

CRAMER Scott B Digitally signed by CRAMER Scott B Date: 2021.10.18 08:30:20 -07'00'
Traffic Section Approval

REGISTERED PROFESSIONAL ENGINEER 85,648 Digitally Signed 2021.10.15 15:22:03-07'00' OREGON JUNE 7, 2012 ADAM N. MILES
EXPIRES: DEC. 31, 2022

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KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Adam Miles	Reviewer: Dave Simmons
Drafter: Dan O'Shaughnessy	Checker: Stan Petroff

SIGNAL PLAN — SHEET NO. MB03

HWY:	OR039
M.P.:	2.97
UNIT FILE CODE	21929
DFI/TSSU NO.	11010

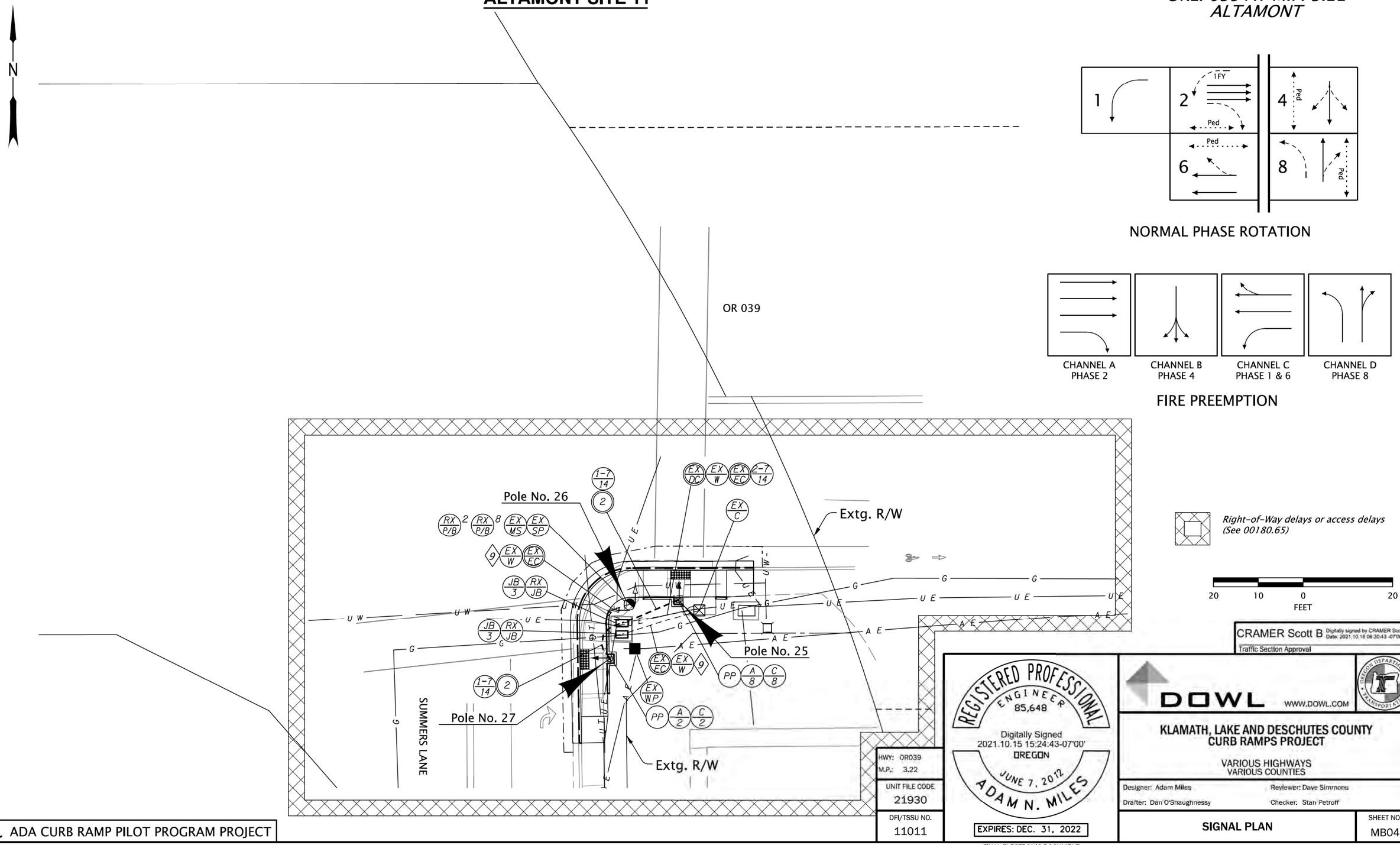
ADA CURB RAMP PILOT PROGRAM PROJECT

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

OR 039: M.P. 2.52 TO M.P. 5.61

ALTAMONT SITE 11

SIGNAL PLAN
S. 6TH ST. AT SUMMERS LANE
ORE. 039 AT M.P. 3.22
ALTAMONT



NORMAL PHASE ROTATION

CHANNEL A PHASE 2 | CHANNEL B PHASE 4 | CHANNEL C PHASE 1 & 6 | CHANNEL D PHASE 8

FIRE PREEMPTION

Right-of-Way delays or access delays (See 00180.65)

20 10 0 20
FEET

CRAMER Scott B Digitally signed by CRAMER Scott B Date: 2021.10.16 08:30:43 -07'00'
Traffic Section Approval

REGISTERED PROFESSIONAL ENGINEER 85,648 Digitally Signed 2021.10.15 15:24:43-07'00' OREGON JUNE 7, 2012 ADAM N. MILES
EXPIRES: DEC. 31, 2022

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KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Adam Miles	Reviewer: Dave Simmons
Drafter: Dan O'Shaughnessy	Checker: Stan Petroff

HWY: OR039	
M.P.: 3.22	
UNIT FILE CODE	21930
DFI/TSSU NO.	11011
SIGNAL PLAN	SHEET NO. MB04

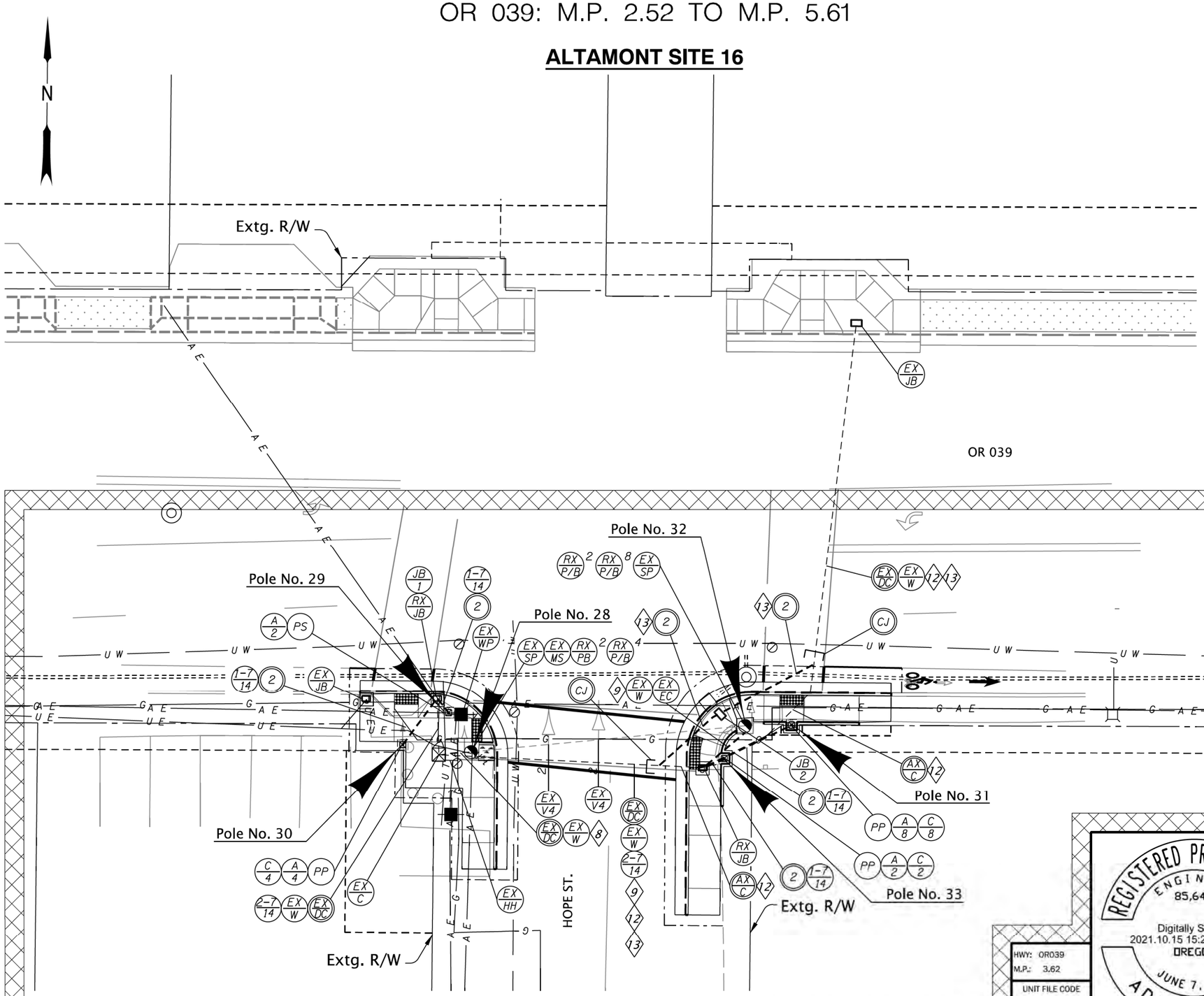
ADA CURB RAMP PILOT PROGRAM PROJECT

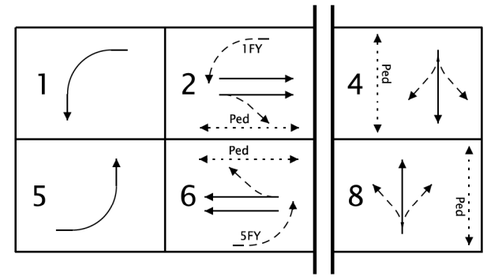
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

OR 039: M.P. 2.52 TO M.P. 5.61

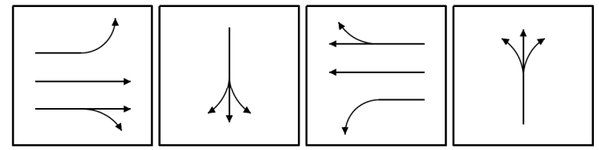
ALTAMONT SITE 16

SIGNAL PLAN
S. 6TH ST. AT HOPE ST.
ORE. 039 AT M.P. 3.62
ALTAMONT





NORMAL PHASE ROTATION



CHANNEL A PHASE 2 & 5 | CHANNEL B PHASE 4 | CHANNEL C PHASE 1 & 6 | CHANNEL D PHASE 8

FIRE PREEMPTION

Right-of-Way delays or access delays (See 00180.65)

20 10 0 20
FEET

CRAMER Scott B Digitally signed by CRAMER Scott B Date: 2021.10.18 08:31:59 -07'00'
Traffic Section Approval

REGISTERED PROFESSIONAL ENGINEER
85,648
Digitally Signed
2021.10.15 15:25:38-07'00'
OREGON
JUNE 7, 2012
ADAM N. MILES
EXPIRES: DEC. 31, 2022

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KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Adam Miles | Reviewer: Dave Simmons
Drafter: Dan O'Shaughnessy | Checker: Stan Petroff

SIGNAL PLAN | SHEET NO. MB05

HWY: OR039
M.P.: 3.62
UNIT FILE CODE 21931
DFI/TSSU NO. 11013

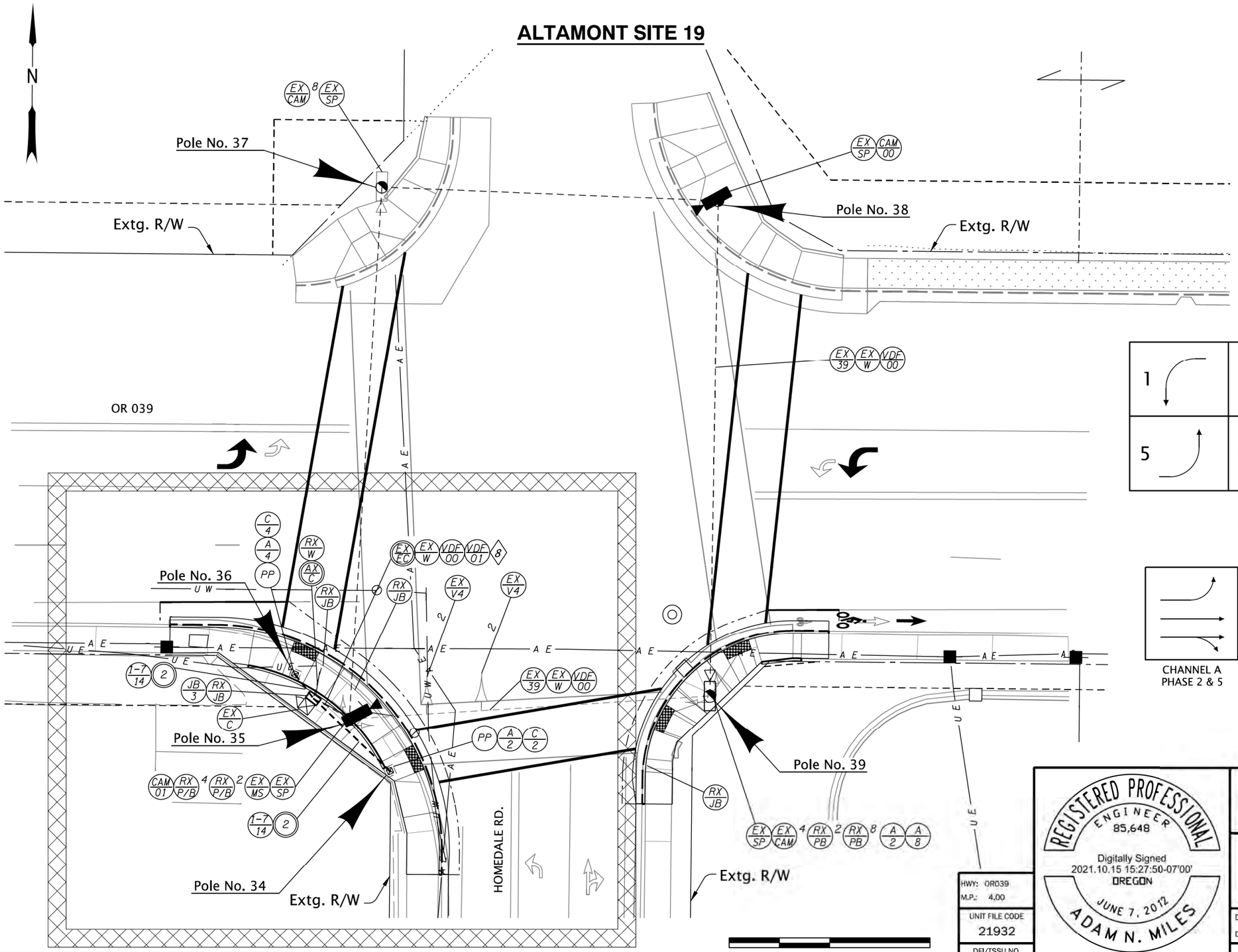
ADA CURB RAMP PILOT PROGRAM PROJECT

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

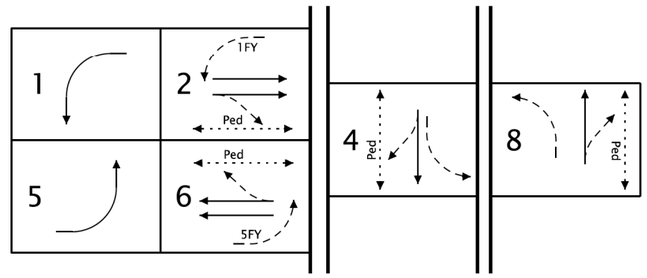
OR 039: M.P. 2.52 TO M.P. 5.61

ALTAMONT SITE 19

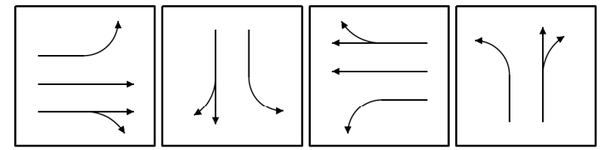
SIGNAL PLAN
S. 6TH ST. AT HOMEDALE RD.
ORE. 039 AT M.P. 4.00
ALTAMONT



Right-of-Way delays or access delays (See 00180.65)



NORMAL PHASE ROTATION



CHANNEL A PHASE 2 & 5 | CHANNEL B PHASE 4 | CHANNEL C PHASE 1 & 6 | CHANNEL D PHASE 8

FIRE PREEMPTION

CRAMER Scott B Digitally signed by CRAMER Scott B Date: 2021.10.18 08:31:25 -07'00'
Traffic Section Approval

REGISTERED PROFESSIONAL ENGINEER 85,648 Digitally Signed 2021.10.15 15:27:50-07'00' OREGON JUNE 7, 2012 ADAM N. MILES
EXPIRES: DEC. 31, 2022

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KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

HWY: OR039	
M.P.: 4.00	
UNIT FILE CODE: 21932	
DFI/TSSU NO.: 11014	
Designer: Adam Miles	Reviewer: Dave Simmons
Drafter: Dan O'Shaughnessy	Checker: Stan Petroff
SIGNAL PLAN	SHEET NO.: MB06

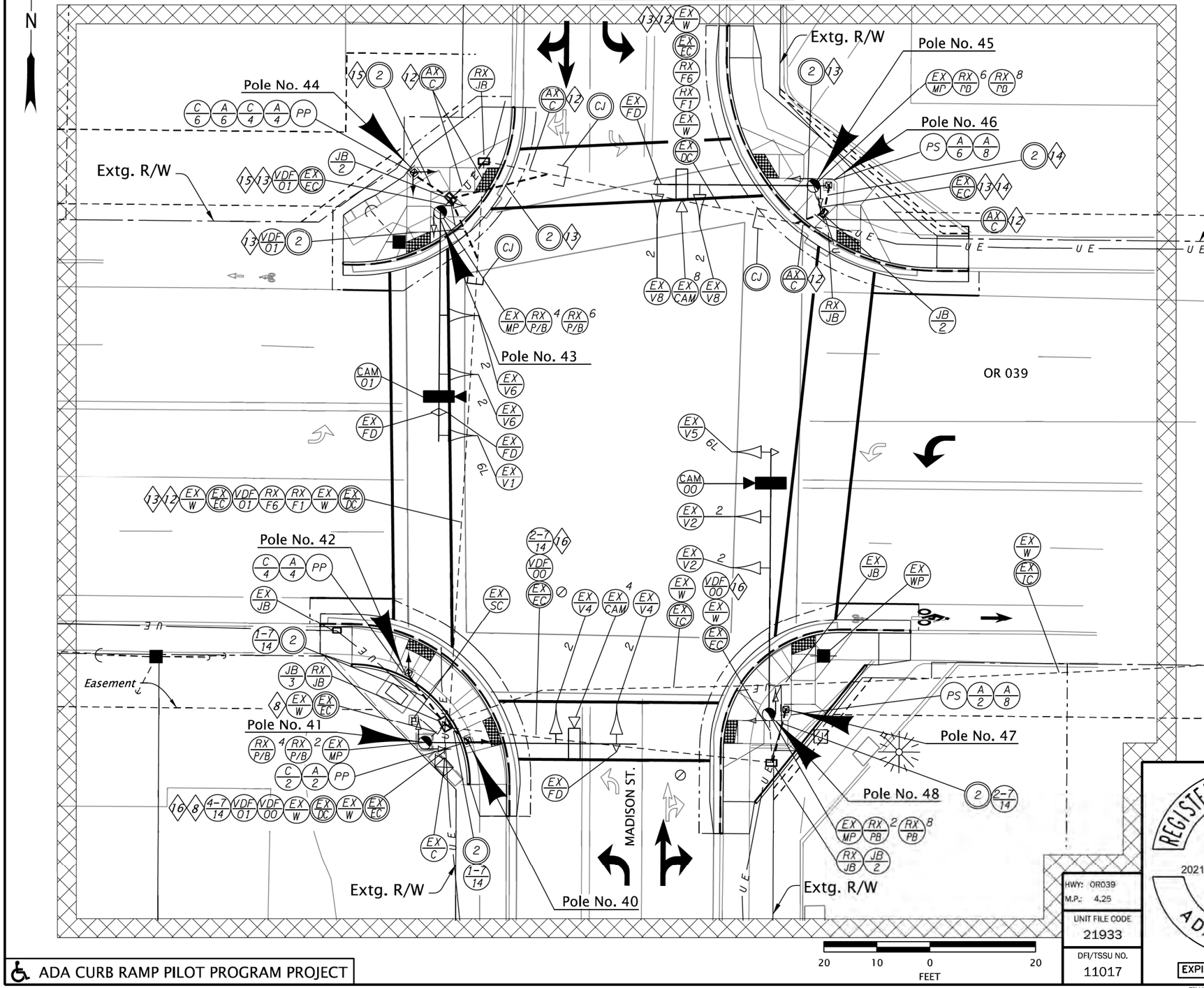
ADA CURB RAMP PILOT PROGRAM PROJECT

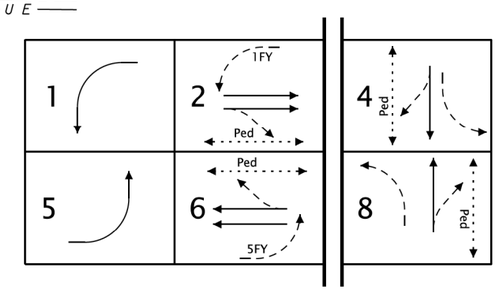
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

OR 039: M.P. 2.52 TO M.P. 5.61

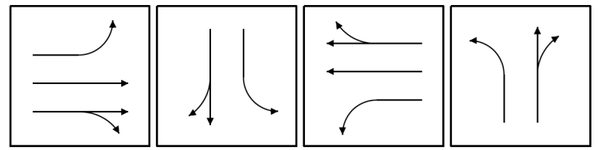
SIGNAL PLAN
S. 6TH ST. AT MADISON ST.
ORE. 039 AT M.P. 4.25
ALTAMONT

ALTAMONT SITE 22





NORMAL PHASE ROTATION



CHANNEL A PHASE 2 & 5 | CHANNEL B PHASE 4 | CHANNEL C PHASE 1 & 6 | CHANNEL D PHASE 8

FIRE PREEMPTION

Right-of-Way delays or access delays (See 00180.65)

CRAMER Scott B Digitally signed by CRAMER Scott B Date: 2021.10.18 08:31:33 -07'00'
Traffic Section Approval

REGISTERED PROFESSIONAL ENGINEER 85,648 Digitally Signed 2021.10.15 15:29:08-07'00' OREGON JUNE 7, 2012 ADAM N. MILES
EXPIRES: DEC. 31, 2022

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KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

HWY: OR039	
M.P.: 4.25	
UNIT FILE CODE	21933
DFI/TSSU NO.	11017

Designer: Adam Miles | Reviewer: Dave Simmons
Drafter: Dan O'Shaughnessy | Checker: Stan Petroff

SIGNAL PLAN | SHEET NO. MB07

ADA CURB RAMP PILOT PROGRAM PROJECT

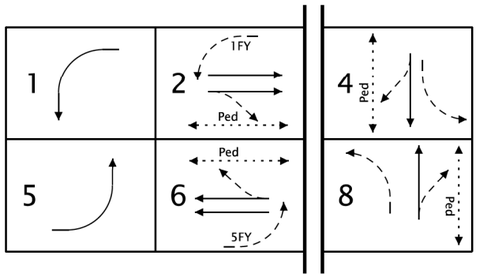
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

OR 039: M.P. 2.52 TO M.P. 5.61

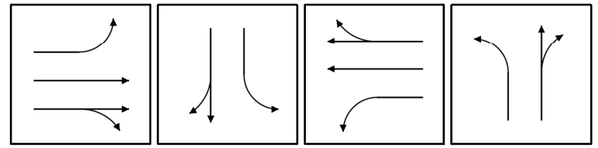
ALTAMONT SITE 26

SIGNAL PLAN
S. 6TH ST. AT PATTERSON ST.
ORE. 039 AT M.P. 4.50
ALTAMONT

Pole No. 54
Pole No. 53
Pole No. 55
Pole No. 56
Pole No. 57
Pole No. 58
Pole No. 59
Pole No. 60
Pole No. 52
Pole No. 51
Pole No. 50
Pole No. 49
Extg. R/W
OR 039
PATTERSON ST.



NORMAL PHASE ROTATION



CHANNEL A PHASE 2 & 5 | CHANNEL B PHASE 4 | CHANNEL C PHASE 1 & 6 | CHANNEL D PHASE 8

FIRE PREEMPTION

Right-of-Way delays or access delays (See 00180.65)

20 10 0 20
FEET

ADA CURB RAMP PILOT PROGRAM PROJECT

CRAMER Scott B Digitally signed by CRAMER Scott B Date: 2021.10.18 08:31:07 -07'00'
Traffic Section Approval

REGISTERED PROFESSIONAL ENGINEER
85,648
Digitally Signed
2021.10.15 15:31:14-07'00'
OREGON
JUNE 7, 2012
ADAM N. MILES
EXPIRES: DEC. 31, 2022

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KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

HWY: OR039	
M.P.: 4.50	
UNIT FILE CODE: 21934	
DFI/TSSU NO.: 11020	

Designer: Adam Miles — Reviewer: Dave Simmons
Drafter: Dan O'Shaughnessy — Checker: Stan Petroff

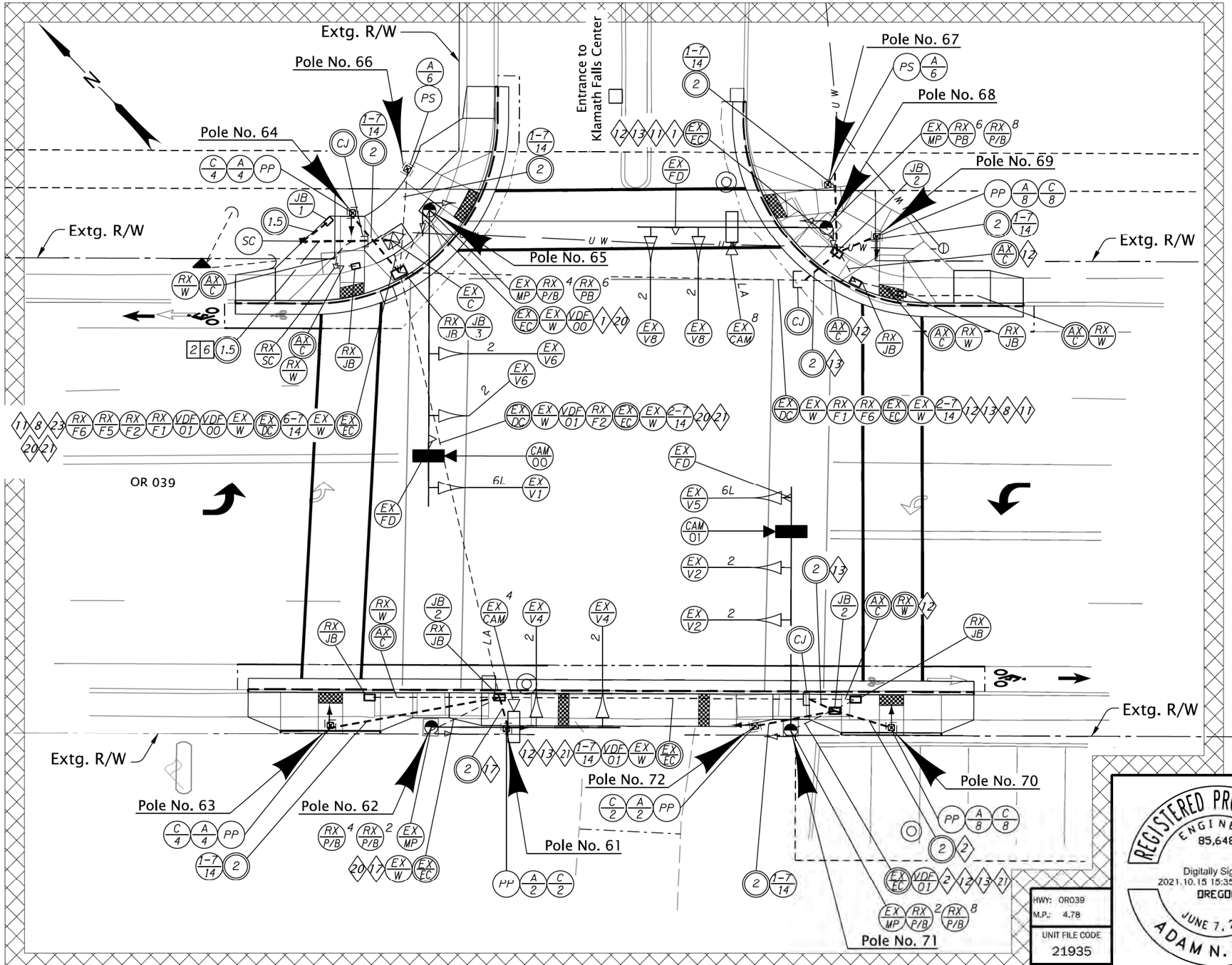
SIGNAL PLAN — SHEET NO. MB08

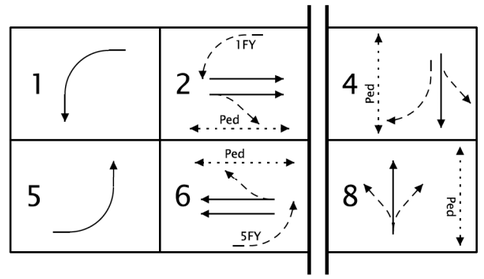
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

OR 039: M.P. 2.52 TO M.P. 5.61

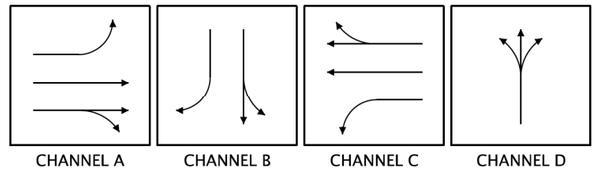
ALTAMONT SITE 27

SIGNAL PLAN
S. 6TH ST. AT KLAMATH FALLS CENTER
ORE. 039 AT M.P. 4.78
ALTAMONT





NORMAL PHASE ROTATION



CHANNEL A PHASE 2 & 5 | CHANNEL B PHASE 4 | CHANNEL C PHASE 1 & 6 | CHANNEL D PHASE 8

FIRE PREEMPTION

Right-of-Way delays or access delays (See 00180.65)

20 10 0 20
FEET

CRAMER Scott B Digitally signed by CRAMER Scott B Date: 2021.10.18 08:32:25 -07'00'
Traffic Section Approval

REGISTERED PROFESSIONAL ENGINEER 85,648 Digitally Signed 2021.10.15 15:35:02-07'00' OREGON JUNE 7, 2012 ADAM N. MILES
EXPIRES: DEC. 31, 2022

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KLAMATH, LAKE AND DESCHUTES COUNTY CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

HWY: OR039	Designer: Adam Miles
M.P.: 4.78	Reviewer: Dave Simmons
UNIT FILE CODE 21935	Drafter: Dan O'Shaughnessy
DFI/TSSU NO. 11021	Checker: Stan Petroff
	SHEET NO. MB09

SIGNAL PLAN

ADA CURB RAMP PILOT PROGRAM PROJECT

DETAILS
VARIOUS INTERSECTIONS
M.P. VARIES
ALTAMONT

POLE ENTRANCE CHART

		See TM650 thru TM653	EQUIPMENT ON POLE						EQUIPMENT ON MAST ARM AND SPAN WIRE (Length in Feet and Equipment Type)									FOUNDATION INFORMATION (See Std. Drg. TM653)		LUMINAIRES				FIXTURES	
POLE NO.	SHEET NO.	TYPE	PED. SIGNAL DEG.	PED. PUSHBUTTON DEG.	TERM. CABINET DEG.	SIGN DEG.	TRAFFIC SIGNAL DEG.	VIDEO DETECTION	ARM LENGTH	D 1	D 2	D 3	D 4	D 5	D 6	D 7	D 8	FOUNDATION NUMBER	REQUIRED FOUNDATION DEPTH	ARM LENGTH	ARM DEG.	MOUNTING HEIGHT	TYPE	TYPE	WATTAGE
1	MB01	EXMPL	EX/EX	175/275	EX				EX	EX/V6L	EX/F	EX/C	EX/V2	EX/V2				EX	EX	EX	EX	EX	EX	EX	EX
2	MB01	EXMPL	EX/EX	95	EX				EX	EX/V2	EX/F	EX/C	EX/V2					EX	EX	EX	EX	EX	EX	EX	EX
3	MB01	PS		165																					
4	MB01	EXMPL	EX	345	EX				EX	EX/V6L	EX/F	EX/C	EX/V2	EX/V2				EX	EX	EX	EX	EX	EX	EX	EX
5	MB01	PP	90	270																					
6	MB01	EXMPL	EX/EX	270/350	EX				EX	EX/V2	EX/F	EX/C	EX/V2					EX	EX	EX	EX	EX	EX	EX	EX
7	MB02	PP	345	345																					
8	MB02	EXSP			EX			EX/60		EX/V2	EX/V2							EX	EX						
9	MB02	PP	70	70																					
10	MB02	EXSP			EX					EX/V6L	EX/V2	EX/V2						EX	EX						
11	MB02	PP	255/345	255/345																					
12	MB02	EXSP	EX/EX	85/355	EX			EX/240		EX/V2	EX/V2							EX	EX						
13	MB02	PP	270	270																					
14	MB02	EXSP			EX					EX/V6L	EX/V2	EX/V2						EX	EX						
15	MB02	PP	350	350																					
16	MB03	PP	180	0																					
17	MB03	PP	270	270																					
18	MB03	EXSP			EX			60		EX/V2	EX/V2							EX	EX						
19	MB03	EXSP			EX			EX		EX/V6L	EX/V2	EX/V2						EX	EX						
20	MB03	PP	90/180	90/180																					
21	MB03	PP	0	0/265																					
22	MB03	EXSP	270		EX			240		EX/V2	EX/V2							EX	EX						
23	MB03	PP	270	270																					
24	MB03	EXSP	EX	0	EX			EX		EX/V6L	EX/V2	EX/V2						EX	EX						
25	MB04	PP	90	90																					
26	MB04	EXSP			EX													EX	EX						
27	MB04	PP	0	0																					

BRACKET MOUNT

V2 = Traffic Signal Type 2, Adjustable Bracket Mount (See Std. Dwg. TM462)
V6L = Traffic Signal Type 6L, Adjustable Bracket Mount (See Std. Dwg. TM462)

MISC. ITEMS

C = Video Camera
EX = Existing
F = Fire Preemption (See Std. Dwg. TM450)
MP = Mast Arm Pole
MPL = Mast Arm Pole with Luminaire
PP = Pedestrian signal pedestal (See Std. Dwg. TM457)
PS = Pedestrian pushbutton post (See Std. Dwg. TM457)
SP = Strain Pole

CRAMER Scott B Digitally signed by CRAMER Scott B Date: 2021.11.10 08:12:19 -08'00'
Traffic Section Approval

ADA CURB RAMP PILOT PROGRAM PROJECT

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KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

REGISTERED PROFESSIONAL ENGINEER
85,648
Digitally Signed
2021.11.05 10:49:15-07'00'
OREGON
JUNE 7, 2012
ADAM N. MILES
EXPIRES: DEC. 31, 2022

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

HWY: HWY420/OR039	
M.P.: VARIES	
UNIT FILE CODE	21936
DFI/TSSU NO.	00000

Designer: Adam Miles — Reviewer: Dave Simmons
Drafter: Dan O'Shaughnessy — Checker: Stan Petroff

DETAILS — SHEET NO. MC01

DETAILS
VARIOUS INTERSECTIONS
M.P. VARIES
ALTAMONT

POLE ENTRANCE CHART

		See TM650 thru TM653	EQUIPMENT ON POLE						EQUIPMENT ON MAST ARM (Length in Feet and Equipment Type)									FOUNDATION INFORMATION (See Std. Drg. TM653)		LUMINAIRES				FIXTURES	
POLE NO.	SHEET NO.	TYPE	PED. SIGNAL DEG.	PED. PUSHBUTTON DEG.	TERM. CABINET DEG.	SIGN DEG.	TRAFFIC SIGNAL DEG.	VIDEO DETECTION	ARM LENGTH	D 1	D 2	D 3	D 4	D 5	D 6	D 7	D 8	FOUNDATION NUMBER	REQUIRED FOUNDATION DEPTH	ARM LENGTH	ARM DEG.	MOUNTING HEIGHT	TYPE	TYPE	WATTAGE
28	MB05	EXSP	EX		EX					EX / V2	EX / V2							EX	EX						
29	MB05	PS		185						—	—	—	—	—	—	—	—								
30	MB05	PP	90	275						—	—	—	—	—	—	—	—								
31	MB05	PP	270	270						—	—	—	—	—	—	—	—								
32	MB05	EXSP			EX					—	—	—	—	—	—	—	—	EX	EX						
33	MB05	PP	0	0						—	—	—	—	—	—	—	—								
34	MB06	PP	350	350						—	—	—	—	—	—	—	—								
35	MB06	EXSP			EX			60		EX / V2	EX / V2	—	—	—	—	—	—	EX	EX						
36	MB06	PP	100	100						—	—	—	—	—	—	—	—								
37	MB06	EXSP			EX			EX		—	—	—	—	—	—	—	—	EX	EX						
38	MB06	EXSP			EX			240		—	—	—	—	—	—	—	—	EX	EX						
39	MB06	EXSP	EX/EX	275/350	EX			EX		—	—	—	—	—	—	—	—	EX	EX						
40	MB07	PP	180	0						—	—	—	—	—	—	—	—								
41	MB07	EXMP			EX				EX	EX / V2	EX / F	EX / C	EX / V2	—	—	—	—	EX	EX						
42	MB07	PP	90	90						—	—	—	—	—	—	—	—								
43	MB07	EXMP			EX				EX	EX / V6L	EX / F	EX / F	6 / C	EX / V2	—	—	—	EX	EX						
44	MB07	PP	0/270	90/180						—	—	—	—	—	—	—	—								
45	MB07	EXMP	EX/EX		EX				EX	EX / V2	EX / F	EX / C	EX / V2	—	—	—	—	EX	EX						
46	MB07	PS		95/355						—	—	—	—	—	—	—	—								
47	MB07	PS		100/180						—	—	—	—	—	—	—	—								
48	MB07	EXMP	EX/EX		EX				EX	EX / V6L	EX / F	6 / C	EX / V2	EX / V2	—	—	—	EX	EX						
49	MB08	PP	20	20						—	—	—	—	—	—	—	—								
50	MB08	EXMP			EX				EX	EX / F	EX / V2	EX / V2	EX / C	—	—	—	—	EX	EX						
51	MB08	PP	85	85						—	—	—	—	—	—	—	—								
52	MB08	PP	265	265						—	—	—	—	—	—	—	—								
53	MB08	EXMP			EX				EX	EX / V6L	6 / C	EX / V2	EX / V2	—	—	—	—	EX	EX						
54	MB08	PP	205	205						—	—	—	—	—	—	—	—								

BRACKET MOUNT

V2 = Traffic Signal Type 2, Adjustable Bracket Mount (See Std. Dwg. TM462)
V6L = Traffic Signal Type 6L, Adjustable Bracket Mount (See Std. Dwg. TM462)

MISC. ITEMS

C = Video Camera
EX = Existing
F = Fire Preemption (See Std. Dwg. TM450)
MP = Mast Arm Pole
MPL = Mast Arm Pole with Luminaire
PP = Pedestrian signal pedestal (See Std. Dwg. TM457)
PS = Pedestrian pushbutton post (See Std. Dwg. TM457)
SP = Strain Pole

Scott B Cramer CRAMER Scott B Nov 10 2021 8:12 AM
Traffic Section Approval

ADA CURB RAMP PILOT PROGRAM PROJECT

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KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

REGISTERED PROFESSIONAL ENGINEER
85,648
Digitally Signed
2021.11.05 10:49:38-07'00'
OREGON
JUNE 7, 2012
ADAM N. MILES
EXPIRES: DEC. 31, 2022

HWY: OR039	
M.P.: VARIES	
UNIT FILE CODE	21937
DFI/TSSU NO.	00000

Designer: Adam Miles — Reviewer: Dave Simmons
Drafter: Dan O'Shaughnessy — Checker: Stan Petroff

DETAILS — SHEET NO. MC02

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

DETAILS
VARIOUS INTERSECTIONS
M.P. VARIES
ALTAMONT

POLE ENTRANCE CHART

		See TM650 thru TM653	EQUIPMENT ON POLE						EQUIPMENT ON MAST ARM (Length in Feet and Equipment Type)									FOUNDATION INFORMATION (See Std. Drg. TM653)		LUMINAIRES				FIXTURES	
POLE NO.	SHEET NO.	TYPE	PED. SIGNAL DEG.	PED. PUSHBUTTON DEG.	TERM. CABINET DEG.	SIGN DEG.	TRAFFIC SIGNAL DEG.	VIDEO DETECTION	ARM LENGTH	D 1	D 2	D 3	D 4	D 5	D 6	D 7	D 8	FOUNDATION NUMBER	REQUIRED FOUNDATION DEPTH	ARM LENGTH	ARM DEG.	MOUNTING HEIGHT	TYPE	TYPE	WATTAGE
55	MB08	PP	215	215																					
56	MB08	EXMP			EX				EX	EX / F	EX / V2	EX / C	EX / V2					EX	EX						
57	MB08	PP	260	260																					
58	MB08	PP	265	265																					
59	MB08	EXMP			EX				EX	EX / V6L	6 / C	EX / V2	EX / V2					EX	EX						
60	MB08	PP	10	10																					
61	MB09	PP	45	45																					
62	MB09	EXMP			EX				EX	EX / V2	EX / V2	EX / C						EX	EX						
63	MB09	PP	310	310																					
64	MB09	PP	320	320																					
65	MB09	EXMP	EX						EX	EX / V6L	6 / C	EX / F	EX / V2	EX / V2				EX	EX						
66	MB09	PS		225																					
67	MB09	PS		225	EX																				
68	MB09	EXMP	EX		EX				EX	EX / V2	EX / F	EX / V2	EX / C					EX	EX						
69	MB09	PP	140	140																					
70	MB09	PP	135	135																					
71	MB09	EXMP			EX				EX	EX / V6L	EX / F	6 / C	EX / V2	EX / V2				EX	EX						
72	MB09	PP	40	40																					

BRACKET MOUNT

V2 = Traffic Signal Type 2, Adjustable Bracket Mount (See Std. Dwg. TM462)
V6L = Traffic Signal Type 6L, Adjustable Bracket Mount (See Std. Dwg. TM462)

MISC. ITEMS

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F = Fire Preemption (See Std. Dwg. TM450)
MP = Mast Arm Pole
MPL = Mast Arm Pole with Luminaire
PP = Pedestrian signal pedestal (See Std. Dwg. TM457)
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SP = Strain Pole

Scott B Cramer CRAMER Scott B Nov 10 2021 8:12 AM
Traffic Section Approval

ADA CURB RAMP PILOT PROGRAM PROJECT

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KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

VARIOUS HIGHWAYS
VARIOUS COUNTIES

REGISTERED PROFESSIONAL ENGINEER
85,648
Digitally Signed
2021.11.05 10:50:02-07'00'
OREGON
JUNE 7, 2012
ADAM N. MILES
EXPIRES: DEC. 31, 2022

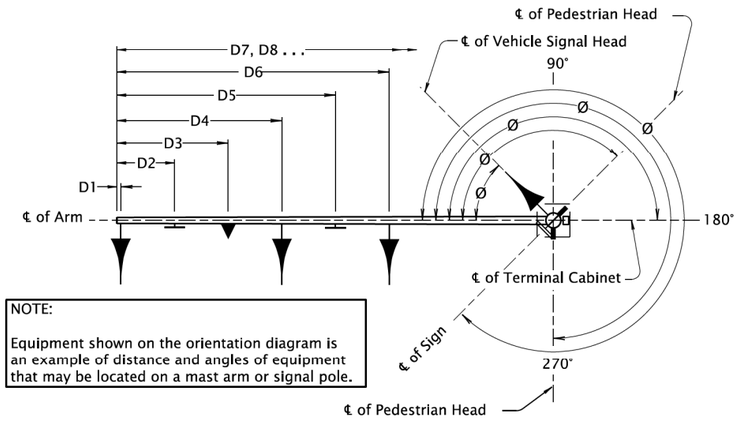
HWY: OR039
M.P.: VARIES
UNIT FILE CODE: 21938
DFI/TSSU NO.: 00000

Designer: Adam Miles
Reviewer: Dave Simmons
Drafter: Dan O'Shaughnessy
Checker: Stan Petroff

DETAILS
SHEET NO. MC03

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

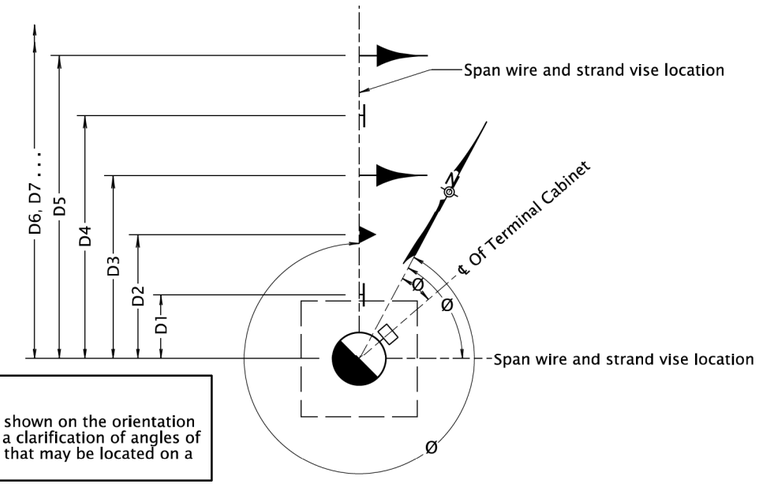
DETAILS
VARIOUS INTERSECTIONS
M.P. VARIES
ALTAMONT



NOTE:

Equipment shown on the orientation diagram is an example of distance and angles of equipment that may be located on a mast arm or signal pole.

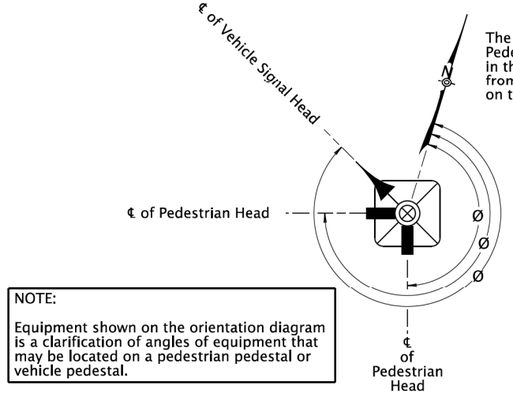
MAST ARM POLE ORIENTATION DIAGRAM



NOTE:

Equipment shown on the orientation diagram is a clarification of angles of equipment that may be located on a Strain Pole

STRAIN POLE ORIENTATION DIAGRAM



The north arrow shown relates to zero degrees on Pedestrian and Vehicle signal poles. Degrees shown in the pole entrance chart show the degrees clockwise from plan sheet north arrow (zero) to equipment located on the pole.

NOTE:

Equipment shown on the orientation diagram is a clarification of angles of equipment that may be located on a pedestrian pedestal or vehicle pedestal.

PEDESTRIAN PEDESTAL / VEHICLE PEDESTAL ORIENTATION DIAGRAM

CRAMER Scott B Digitally signed by CRAMER Scott B Date: 2021.10.18 08:31:51 -07'00'
Traffic Section Approval

ADA CURB RAMP PILOT PROGRAM PROJECT

REGISTERED PROFESSIONAL ENGINEER
85,648
Digitally Signed
2021.10.15 15:37:14-07'00'
OREGON
JUNE 7, 2012
ADAM N. MILES
EXPIRES: DEC. 31, 2022

DOWL WWW.DOWL.COM

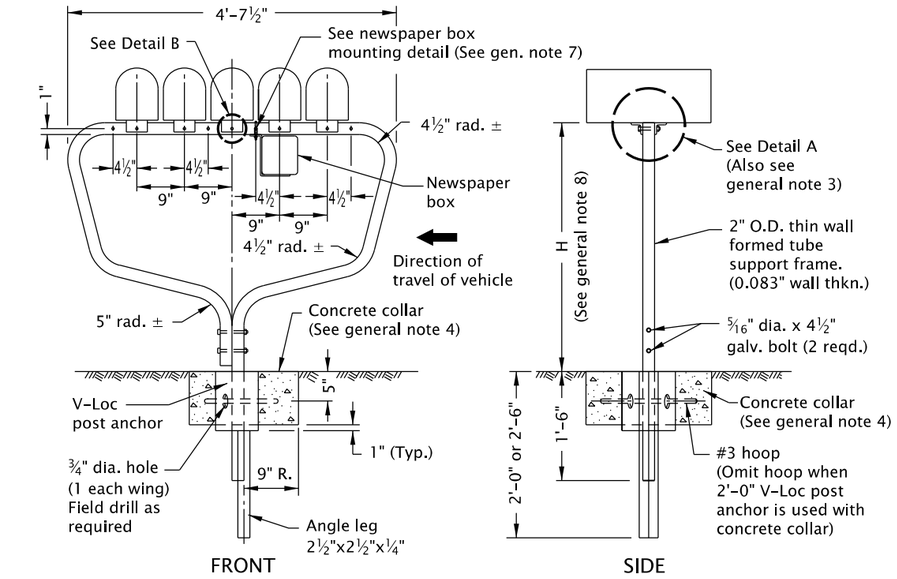
KLAMATH, LAKE AND DESCHUTES COUNTY
CURB RAMPS PROJECT

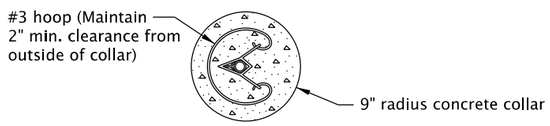
VARIOUS HIGHWAYS
VARIOUS COUNTIES

Designer: Adam Miles	Reviewer: Dave Simmons
Drafter: Dan O'Shaughnessy	Checker: Stan Petroff

HWY: HWY420/OR039	DETAILS
M.P.: VARIES	SHEET NO. MC04
UNIT FILE CODE 21939	
DFI/TSSU NO. 00000	

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

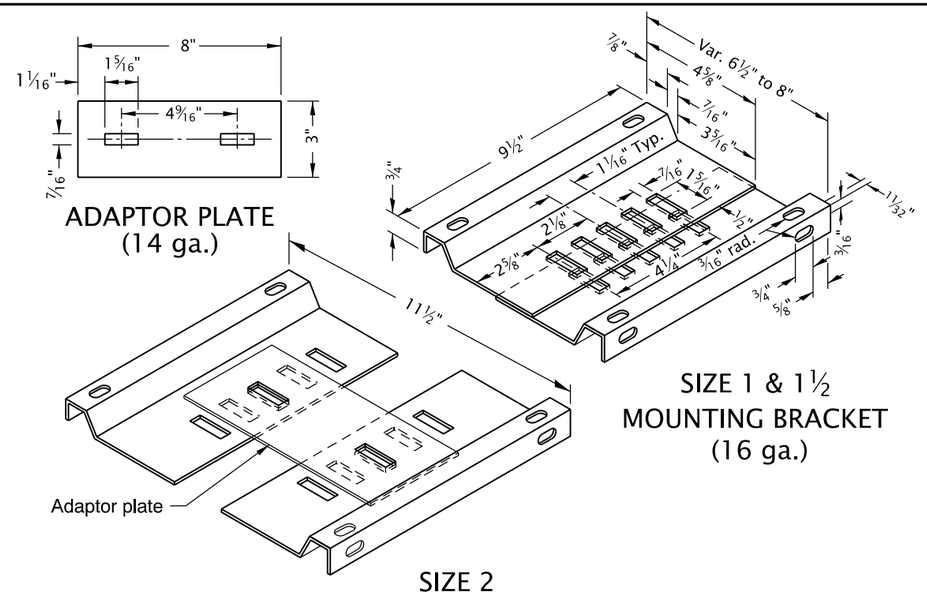




CONCRETE COLLAR
(See general note 4)

MULTIPLE SUPPORT

(Supports 5 standard (Sizes 1 & 1½) mailboxes or 4 large (Size 2) mailboxes)



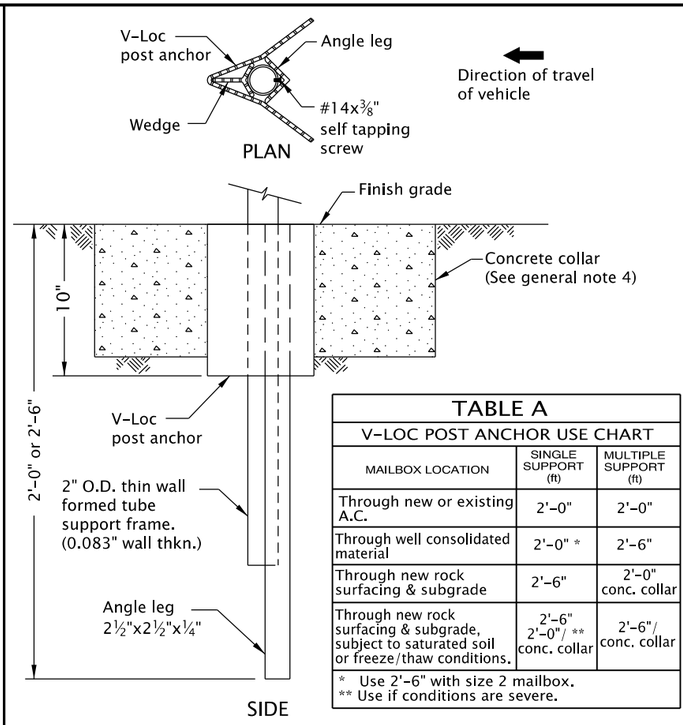
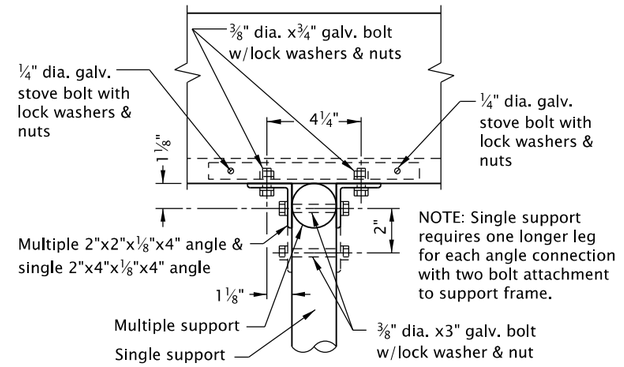


TABLE A
V-LOC POST ANCHOR USE CHART

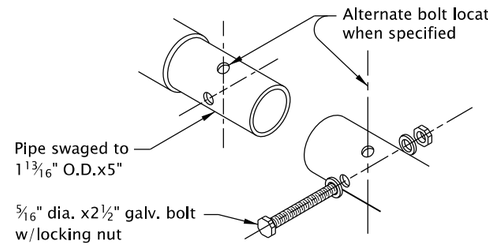
MAILBOX LOCATION	SINGLE SUPPORT (ft)	MULTIPLE SUPPORT (ft)
Through new or existing A.C.	2'-0"	2'-0"
Through well consolidated material	2'-0" *	2'-6"
Through new rock surfacing & subgrade	2'-6"	2'-0" conc. collar
Through new rock surfacing & subgrade, subject to saturated soil or freeze/thaw conditions.	2'-6" 2'-0"/ ** conc. collar	2'-6"/ conc. collar

* Use 2'-6" with size 2 mailbox.
** Use if conditions are severe.

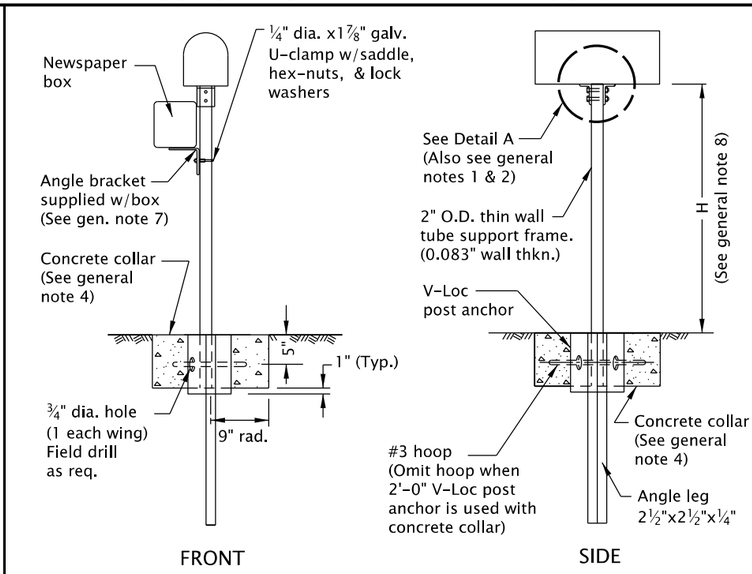
POST MOUNTING SOCKET



DETAIL A



DETAIL B



SINGLE SUPPORT

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Angle connections to be parallel to traffic flow for Size 2 mailbox mounted on single post.
2. All holes in the tube support frame are to be predrilled by the manufacturer.
3. Size 2 mailbox mounted on a multiple support requires 2 each ⅜" dia. x⅝" galv. bolts with lock washers and nuts to attach the adaptor plate to the mounting bracket. The unit will then require 4 angle connections to attach to the formed tube support frame. See Detail A.
4. Provide concrete collar when any of the following conditions exist:
   a) when required in Table A
   b) when required by project plans
   c) as directed by the Engineer

   Concrete collar, when required, to be poured in place after V-Loc post anchor has been installed, level and plumb. Do not excavate below bottom of V-Loc post anchor. Care shall be taken that no concrete is placed within anchor.
5. Other proprietary products available as listed in ODOT's QPL.
6. For mailbox installation locations, see Std. Dwg. RD101 and project plans.
7. For Newspaper Box Mounting Detail, see Std. Dwg. RD101.
8. Mounting height (H) shall be 42" nominal, measured from vehicle driving surface.
9. See project plans for detail not shown.

CALC. BOOK NO. N/A

SDR DATE 25-JUL-2017

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

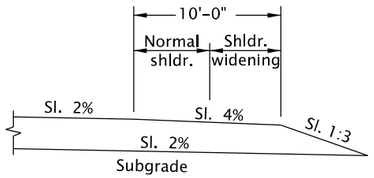
MAILBOX SUPPORT

2021

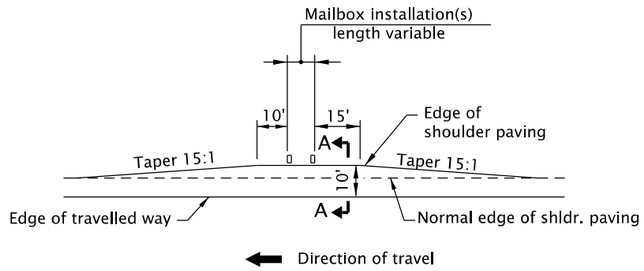
DATE	REVISION DESCRIPTION

RD100

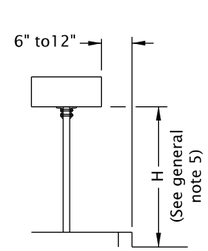
rd100.dgn 20-JUL-2020



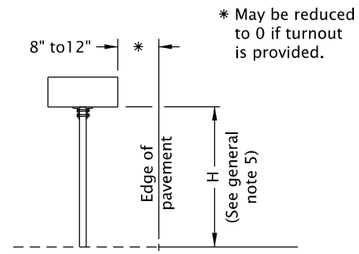
SECTION A-A



MAILBOX SERVICE TURNOUT

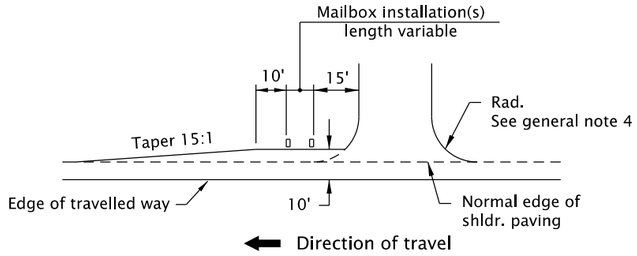


CURBED SECTION

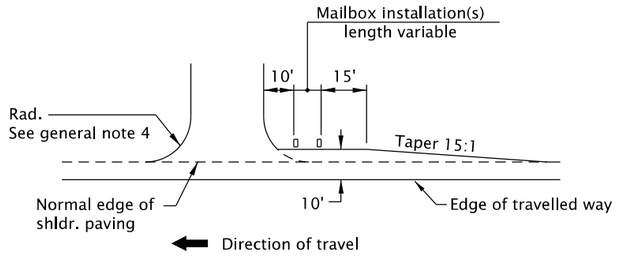


NON-CURBED SECTION

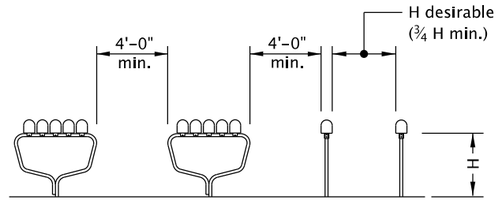
PLACEMENT



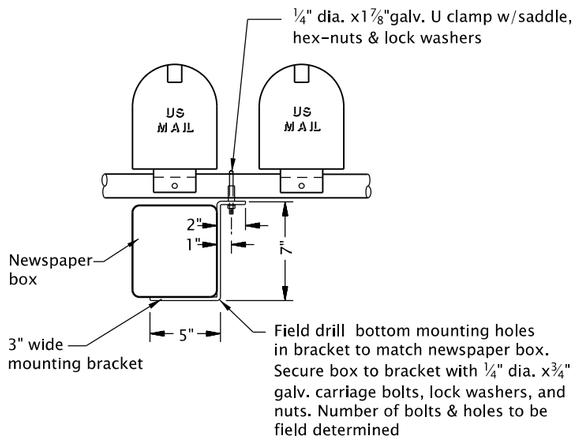
MAILBOX SERVICE TURNOUT AFTER APPROACH



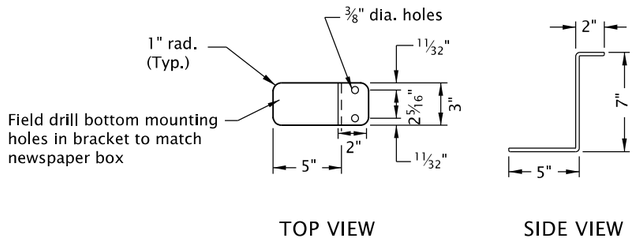
MAILBOX SERVICE TURNOUT BEFORE APPROACH



SUPPORT SPACING



NEWSPAPER BOX MOUNTING DETAIL



NEWSPAPER BOX MOUNTING BRACKET DETAIL (14 ga.)

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. All holes in the tube support frame are to be predrilled by the manufacturer.
2. Other proprietary products available as listed in ODOT's QPL.
3. For mailbox support details, see Std. Dwg. RD100.
4. For approach details, see Std. Dwg. RD715.
5. Mounting height (H) shall be 42" nominal, measured from vehicle driving surface.
6. See project plans for details not shown.

CALC. BOOK NO. N/A

SDR DATE 25-JUL-2017

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

MAILBOX INSTALLATION

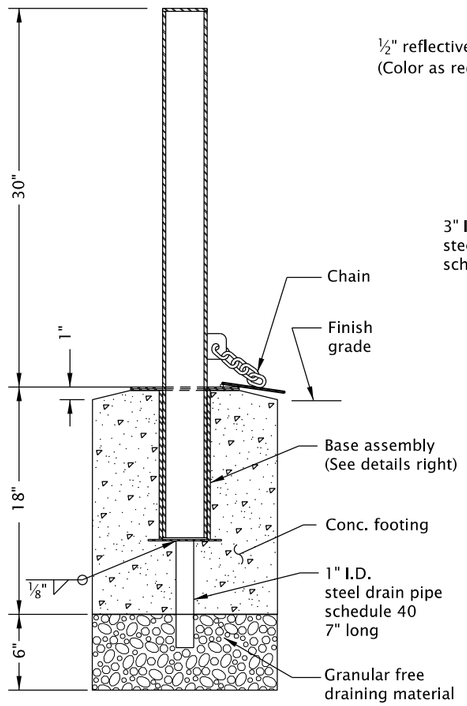
2021

DATE	REVISION DESCRIPTION

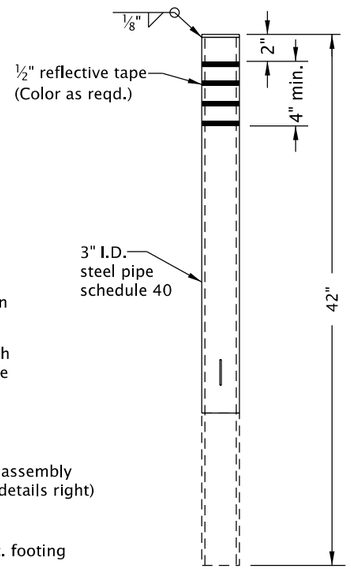
rd101.dgn 20-JUL-2020

RD101

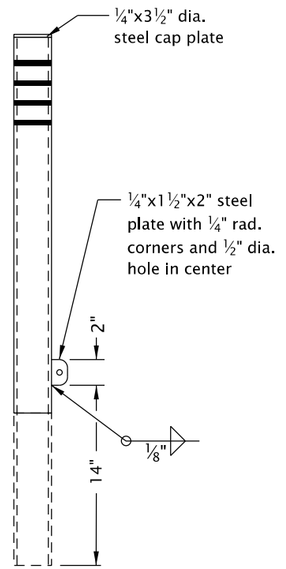
rd130.dgn 20-JUL-2020



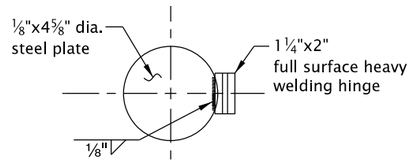
SECTION A-A



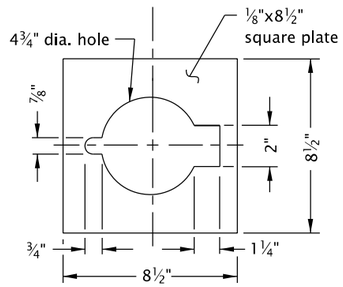
FRONT VIEW



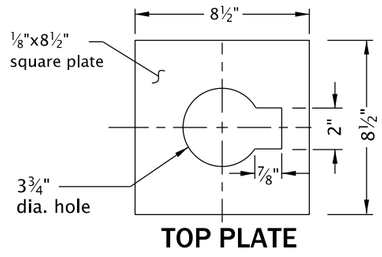
SIDE VIEW



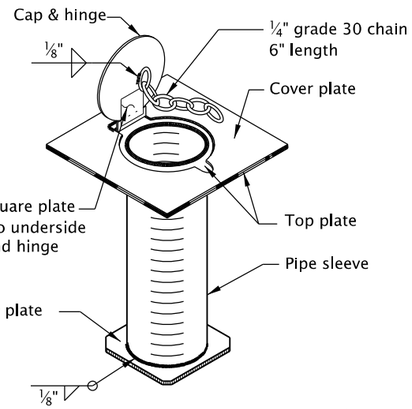
CAP & HINGE

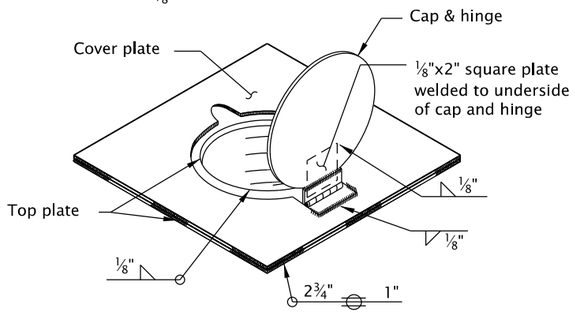


COVER PLATE

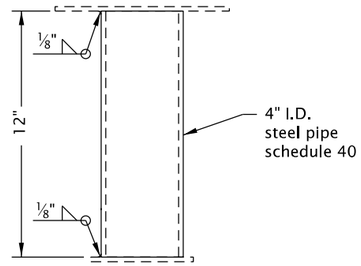


TOP PLATE

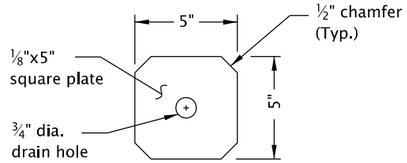




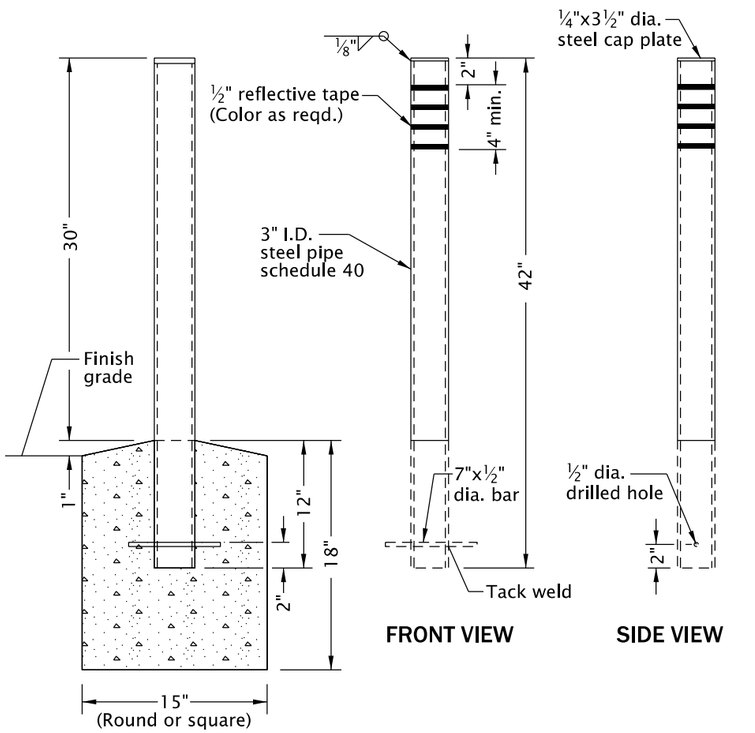
REMOVABLE



PIPE SLEEVE



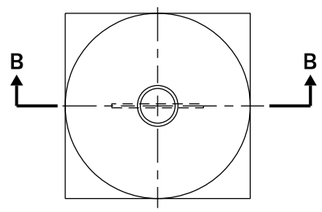
BASE PLATE
BASE ASSEMBLY



FRONT VIEW

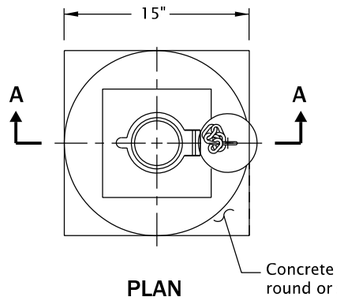
SIDE VIEW

SECTION B-B



PLAN

NON-REMOVABLE



PLAN

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Grind all edges smooth.
2. Prime and paint bollard safety yellow after fabrication.
3. Hot-dip galvanize base assembly after fabrication.
4. All concrete shall be commercial grade concrete.
5. Orient lock assembly parallel with pedestrian traffic.
6. Provide lock, if required.
7. See project plans for details not shown.

CALC. BOOK NO. N/A

SDR DATE 25-JUL-2017

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

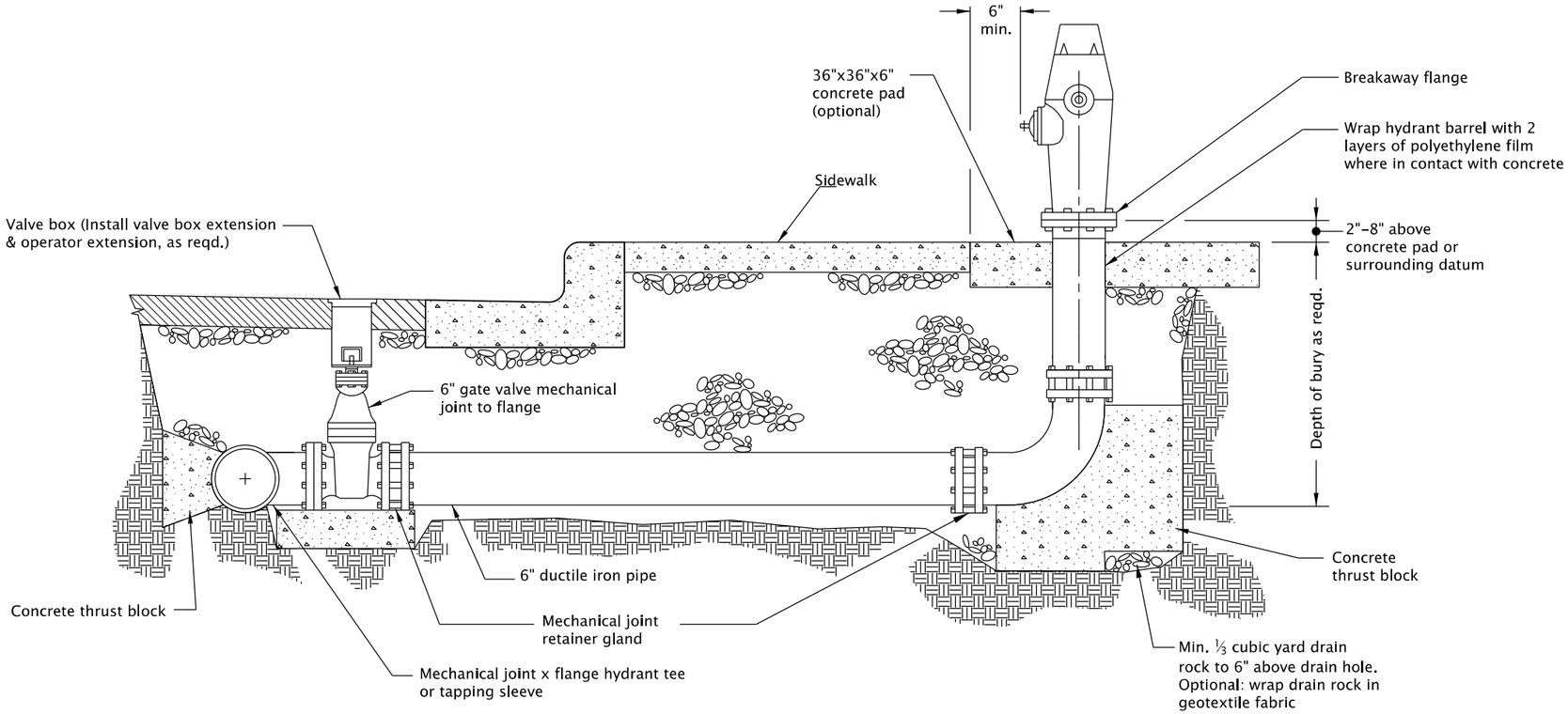
BOLLARDS

2021

DATE	REVISION DESCRIPTION

RD130

rd254.dgn 20-JUL-2020



HYDRANT ASSEMBLY

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. When pipe is shorter than 18', no joints allowed. Use mechanical joint retainer glands. Two ¾" galvanized tie rods may be used in lieu of thrust blocks for installations less than 18' long. Coat tie rods with two coats of coal tar epoxy.
2. When pipe is longer that 18' retainer glands not required.
3. There shall be a minimum of 18" horizontal clearance around hydrant.
4. When placed adjacent to curb, hydrant port shall be 24" from face of curb.
5. Concrete thrust blocks shall be constructed as per thrust blocking Std. Dwg. RD250. Do not block drain holes.
6. Extensions required for hydrant systems shall be installed to the manufacturer's specifications.
7. Hydrants shall be placed to provide a minimum of 5' clearance from driveways, poles, and other obstructions.
8. Hydrant pumper port shall face direction of access.
9. Set hydrant plumb in all directions.
10. See project plans for details not shown.

CALC. BOOK NO. N/A

SDR DATE 25-JUL-2017

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

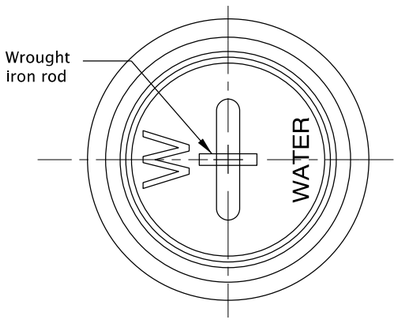
HYDRANT INSTALLATION

2021

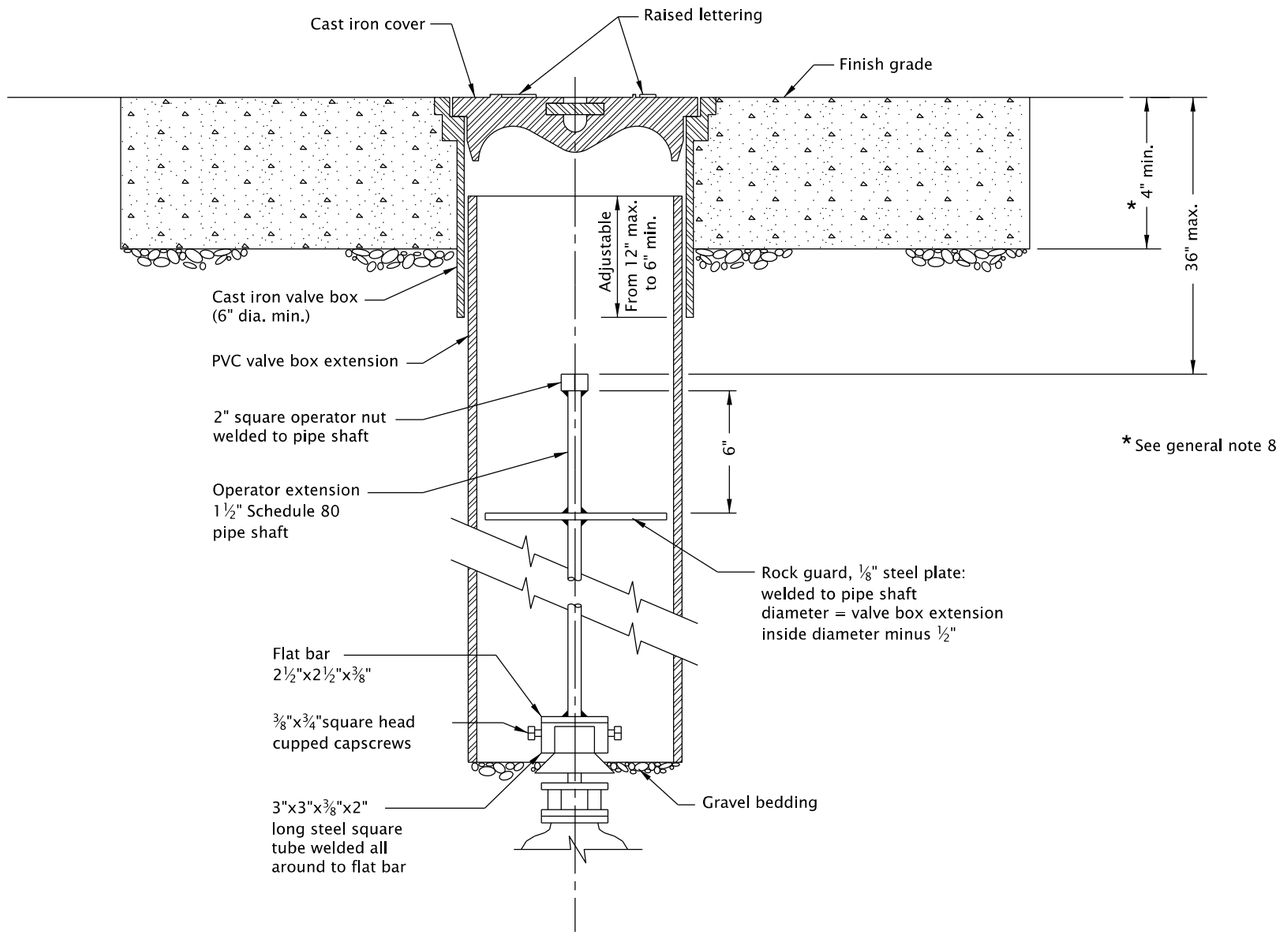
DATE	REVISION DESCRIPTION

RD254

rd258.dgn 20-JUL-2020

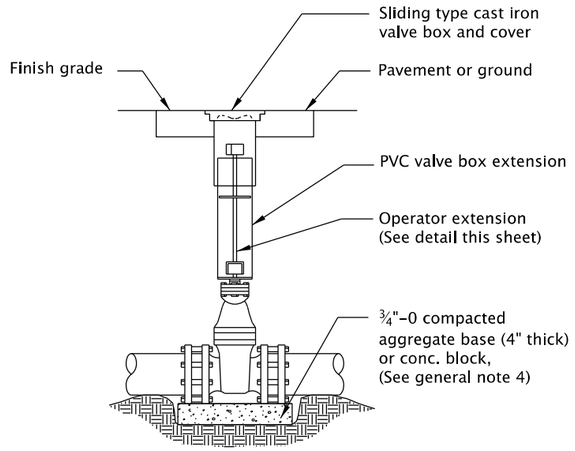


COVER PLAN



* See general note 8

VALVE BOX EXTENSION SECTION



VALVE BOX ASSEMBLY DETAIL

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Valve box not to rest on operating assembly.
2. Operator extension required when valve nut is deeper than 4' from finish grade.
3. Center valve box on axis of operator nut.
4. Valves 12" and smaller shall be provided with compacted aggr. base on undisturbed ground. Valves greater than 12" shall be installed on precast concrete block, (4" thick).
5. Welds shall be minimum ¼" all around.
6. Hot dip galvanize operator extension after fabrication.
7. Casting shall meet H20 load requirement.
8. Provide concrete or asphalt pad (24" square, 4" thick), when required.
9. See project plans for details not shown.

CALC. BOOK NO. N/A

SDR DATE 25-JUL-2017

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

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OREGON STANDARD DRAWINGS

VALVE BOX AND OPERATOR EXTENSION ASSEMBLY

2021

DATE	REVISION DESCRIPTION

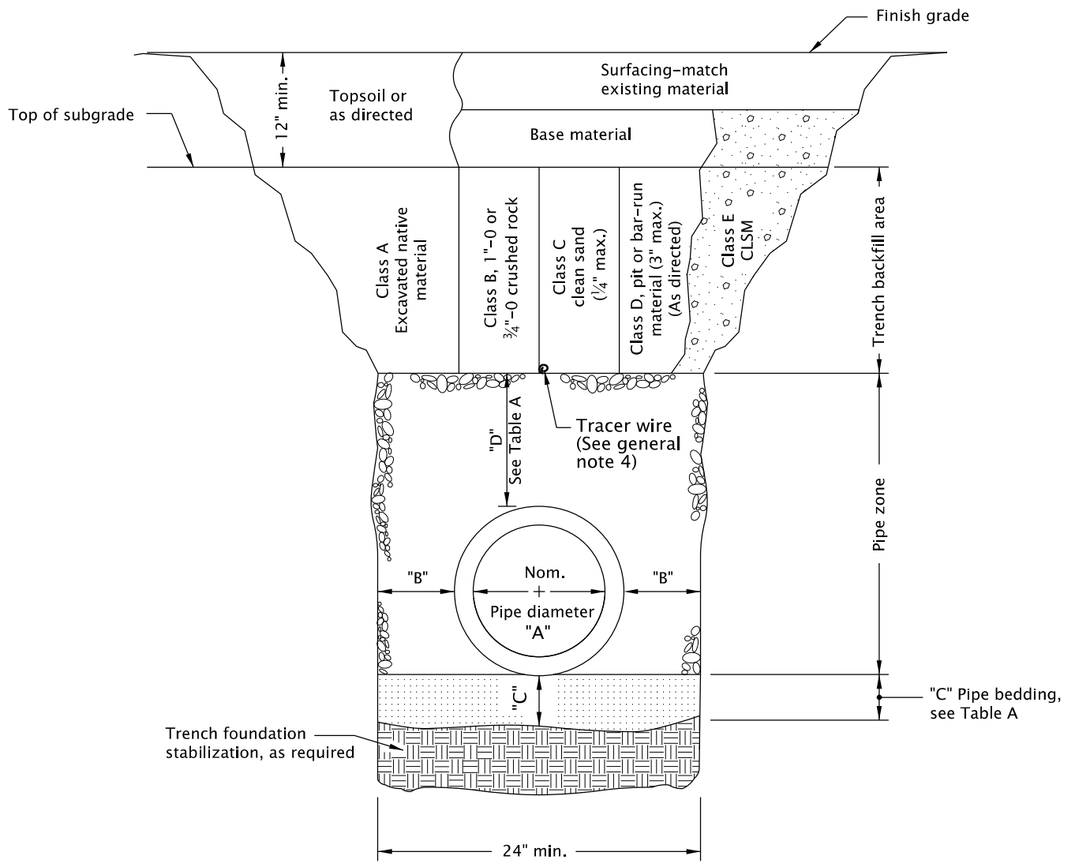
RD258

rd300.dgn 20-JUL-2020

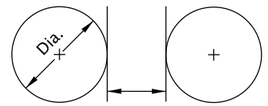
TABLE A

"A" (in)	"B" (in)	"C" (in)	"D" (in)
4	10	4	8
6	10	4	8
8	10	6	10
10	10	6	10
12	12	6	10
15	12	6	10
18	16	6	12
21	16	6	12
24	18	6	12
30	18	6	12
36	24	6	14
42	24	6	14
48	24	6	14
54	24	6	14
60	24	6	14
66	24	6	14
72	24	6	14

For pipes over 72" diameter, see general note 3.



MULTIPLE INSTALLATIONS



DIAMETER	MIN. SPACE BETWEEN PIPES
Up to 48"	24"
48" to 72"	One half (½) dia. of pipe

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Surfacing of paved areas shall comply with street cut Std. Dwg. RD302.
2. For pipe installation in embankment areas where the trench method will not be used and the pipe is ≥ 36" diameter, increase dimension "B" to nominal pipe diameter.
3. Pipes over 72" diameter are structures, and are not applicable to this drawing.
4. See Std. Dwg. RD336 for tracer wire details (When required).

CALC. BOOK NO. N/A

SDR DATE 14-JUL-2014

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

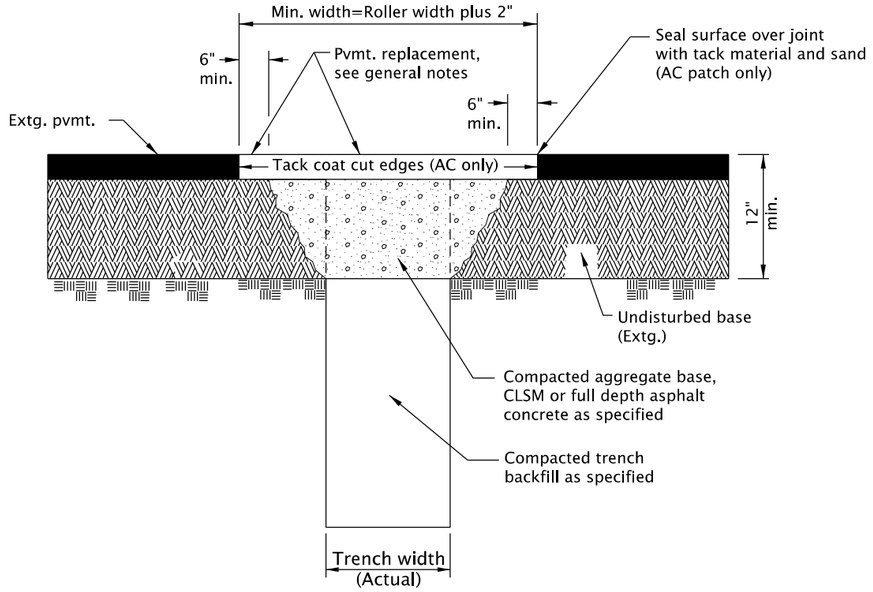
TRENCH BACKFILL, BEDDING, PIPE ZONE AND MULTIPLE INSTALLATIONS

2021

DATE	REVISION DESCRIPTION

RD300

rd302.dgn 20-JUL-2020



GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. All existing AC or PCC pavement shall be sawcut prior to repaving.
2. Concrete pavement shall be replaced with concrete to a minimum thickness of 8" or to the thickness of removed pavement, whichever is greater.
3. For joining new concrete to existing concrete, see contract plans for sepecific details.
4. Place AC mix minimum thkn. of 6" or the thkn. of the removed pavement, whichever is greater. Compact as specified.

CALC. BOOK NO. N/A

SDR DATE 20-JUL-2020

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

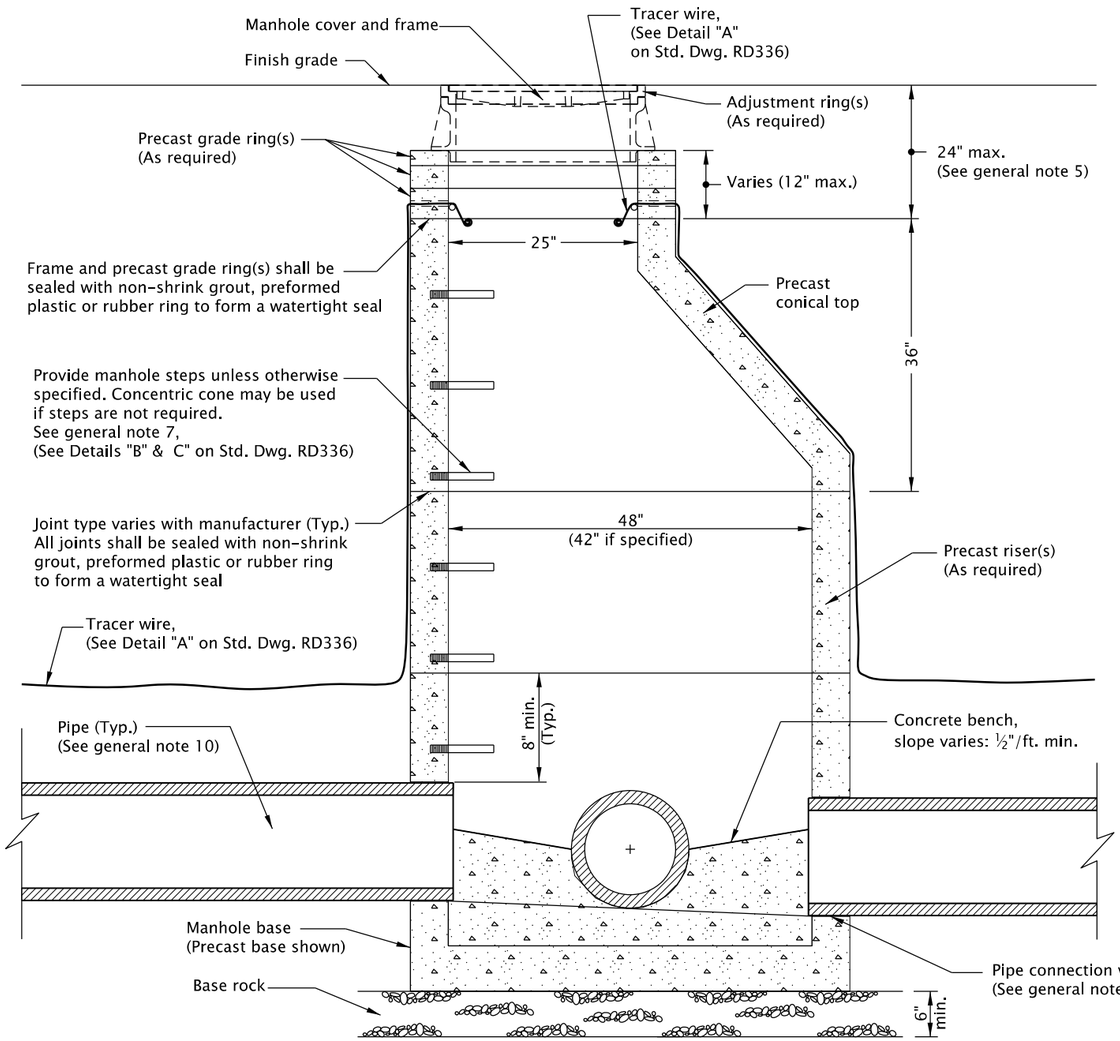
OREGON STANDARD DRAWINGS

STREET CUT

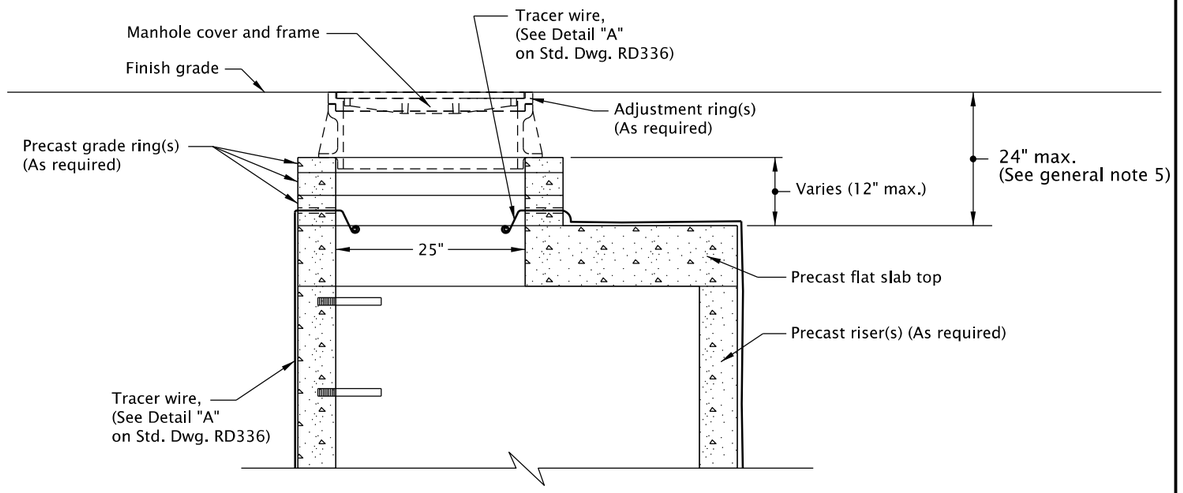
2021

DATE	REVISION DESCRIPTION

RD302



MANHOLE WITH PRECAST CONICAL TOP



MANHOLE WITH PRECAST FLAT SLAB TOP

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. All precast products shall conform to requirements of ASTM C478.
2. Standard precast manhole section diameter shall be 48". Use 42" if specified by the Engineer.
3. See Std. Dwg. RD345 for pipe to manhole connections.
4. See Std. Dwg. RD344 for manhole base section.
5. Adjust 24" maximum.
6. All connecting pipes shall have a tracer wire, or approved alternate.
7. See Std. Dwg. RD336 for manhole steps.
8. See Std. Dwg. RD336 for details not shown.
9. See Std. Dwg. RD356 for manhole covers and frames, manhole adjustment rings, etc.
10. Max. pipe diameter varies with pipe material.
11. See Std. Dwg. RD342 for shallow manholes.
12. Location, elevation, diameter, slope, and number of pipe(s) varies, see project plans.

CALC. BOOK NO. N/A

SDR DATE 21-JUN-2019

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

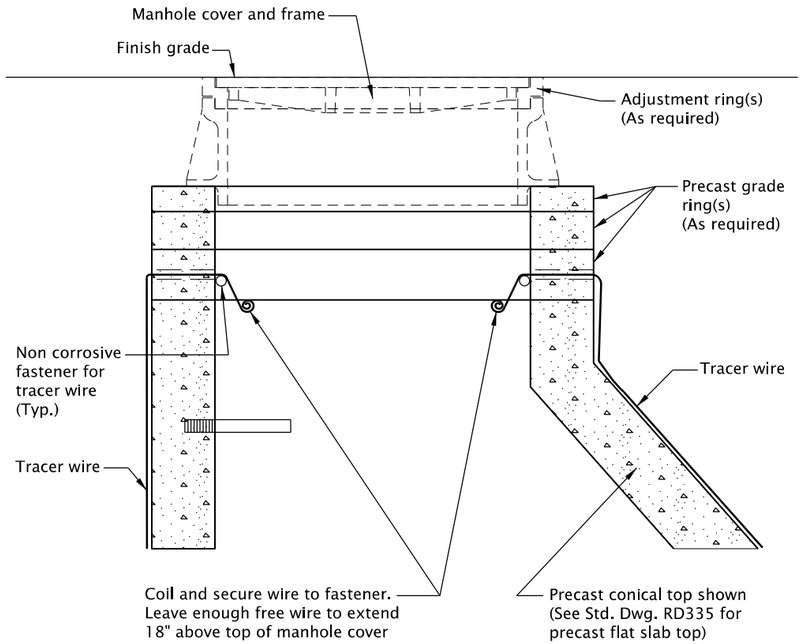
STANDARD STORM SEWER MANHOLE

2021

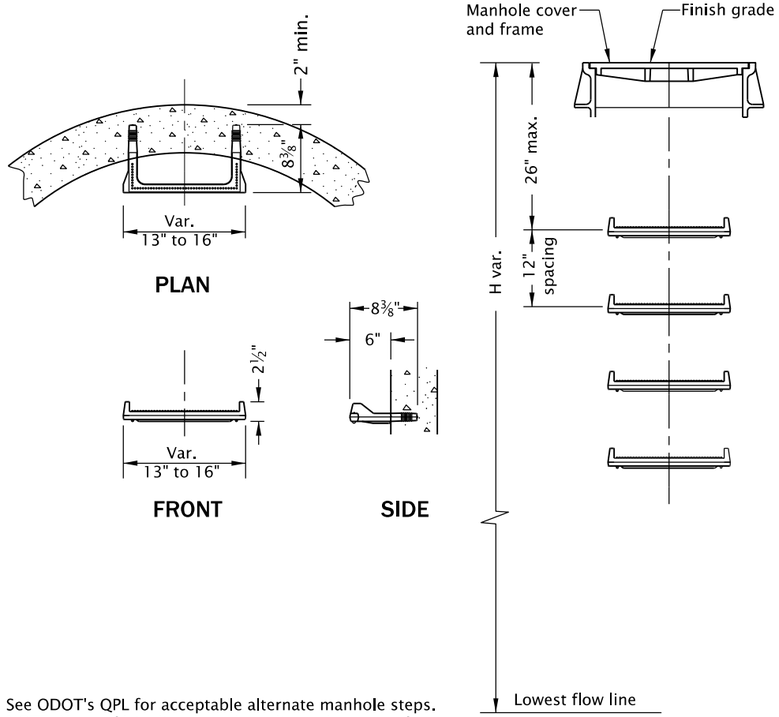
DATE	REVISION DESCRIPTION

rd335.dgn 20-JUL-2020

RD335

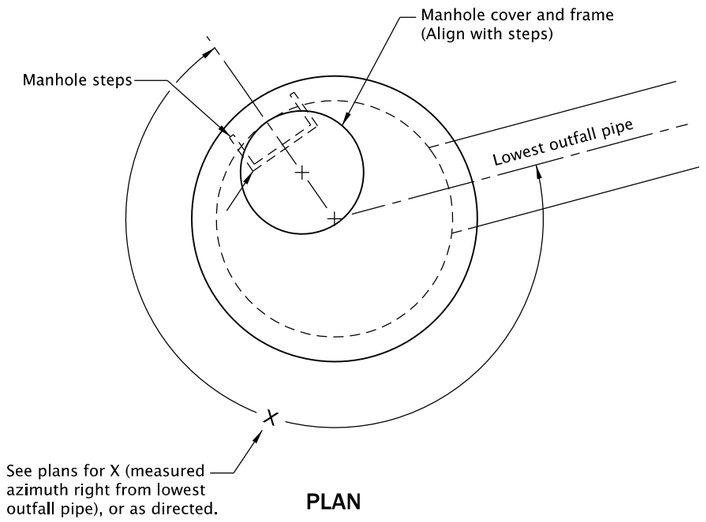


DETAIL "A"
TRACER WIRE
(See general note 6)



See ODOT's QPL for acceptable alternate manhole steps.
NOTE: No conflict with pipe align with available shelf.

DETAIL "B"
MANHOLE STEPS
(See general note 7)



DETAIL "C"
PRECAST CONICAL TOP
OR
PRECAST FLAT SLAB TOP
AND MANHOLE STEPS ORIENTATION
(See general note 7)

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. All precast products shall conform to requirements of ASTM C478.
2. Standard precast manhole section diameter shall be 48". Use 42" if specified by the Engineer.
3. See Std. Dwg. RD345 for pipe to manhole connections.
4. See Std. Dwg. RD344 for manhole base section.
5. Adjust 24" maximum.
6. All connecting pipes shall have a tracer wire, or approved alternate. Place tracer wire directly over pipe centerline and on top of the pipe zone material.
7. Steps shall conform to requirements of ASTM C478. When H=42" or less omit steps. See Detail "C" for alignment of steps, and manhole cover and frame.
8. See Std. Dwg. RD335 for details not shown.
9. See Std. Dwg. RD356 for manhole covers and frames, manhole adjustment rings, etc.
10. Max. pipe diameter varies with pipe material.
11. See Std. Dwg. RD342 for shallow manholes.
12. See project plans for details not shown.

CALC. BOOK NO. N/A

SDR DATE 16-JAN-2019

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

STANDARD MANHOLE DETAILS

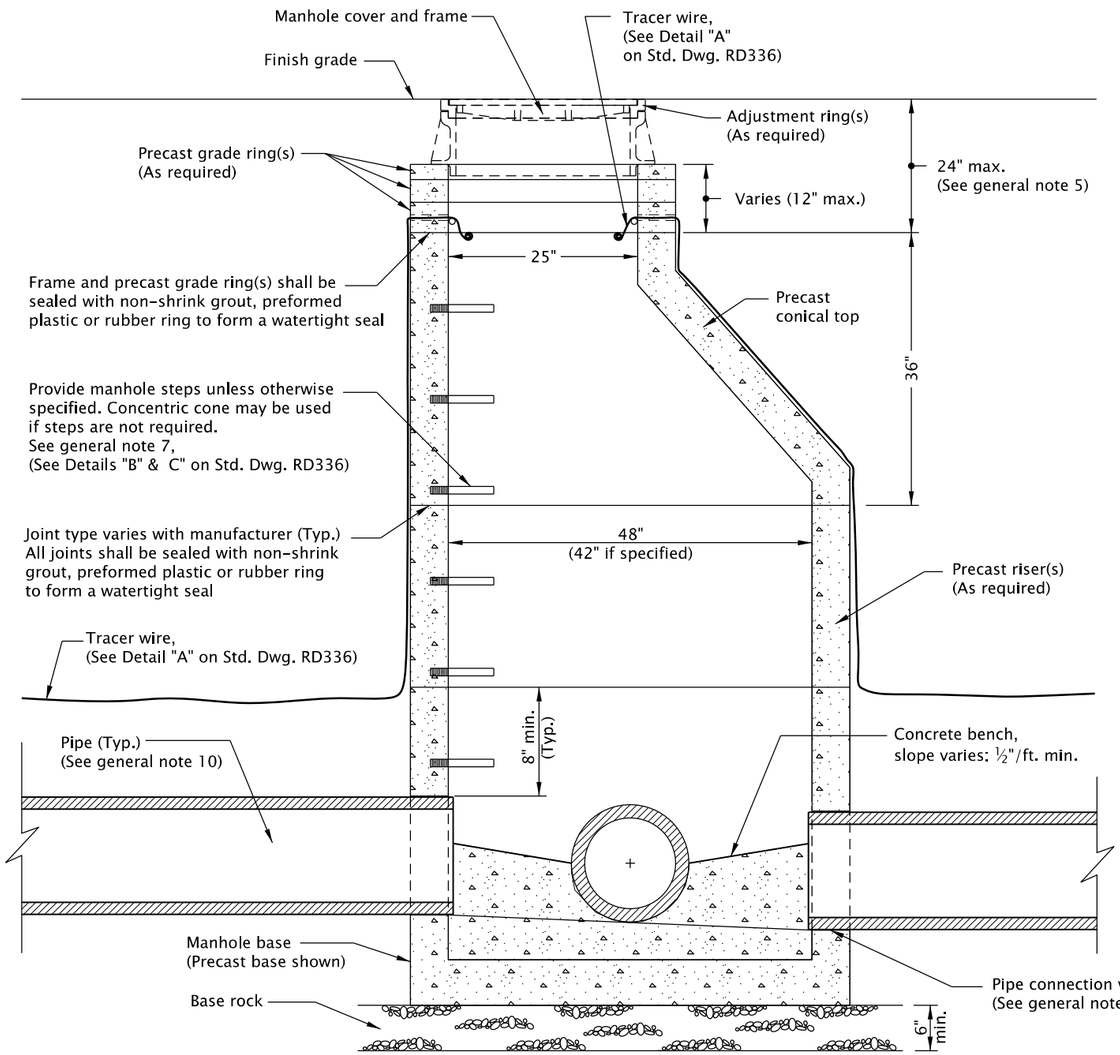
2021

DATE	REVISION DESCRIPTION

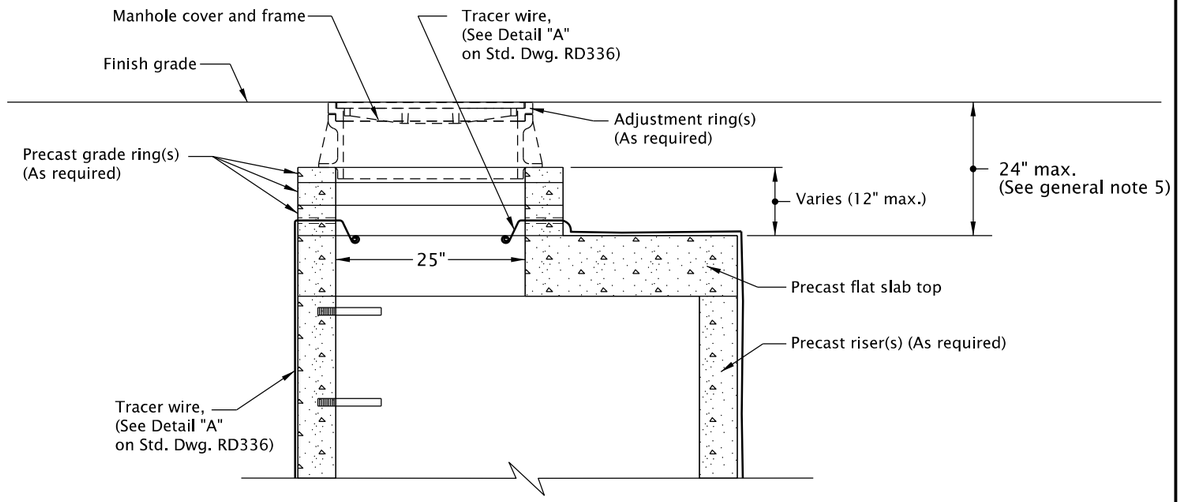
rd336.dgn 20-JUL-2020

RD336

rd338.dgn 20-JUL-2020



MANHOLE WITH PRECAST CONICAL TOP



MANHOLE WITH PRECAST FLAT SLAB TOP

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. All precast products shall conform to requirements of ASTM C478.
2. Standard precast manhole section diameter shall be 48". Use 42" if specified by the Engineer.
3. See Std. Dwg. RD345 for pipe to manhole connections.
4. See Std. Dwg. RD344 for manhole base section.
5. Adjust 24" maximum.
6. All connecting pipes shall have a tracer wire, or approved alternate.
7. See Std. Dwg. RD336 for manhole steps.
8. See Std. Dwg. RD336 for details not shown.
9. See Std. Dwg. RD356 for manhole covers and frames, manhole adjustment rings, etc.
10. Max. pipe diameter varies with pipe material.
11. See Std. Dwg. RD342 for shallow manholes.
12. Location, elevation, diameter, slope, and number of pipe(s) varies, see project plans.
13. This detail limited to interior drop of 24". See Std. Dwgs. RD350 or RD352 for drop manhole details for drops in excess of 24".

CALC. BOOK NO. N/A

SDR DATE 21-JUN-2019

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

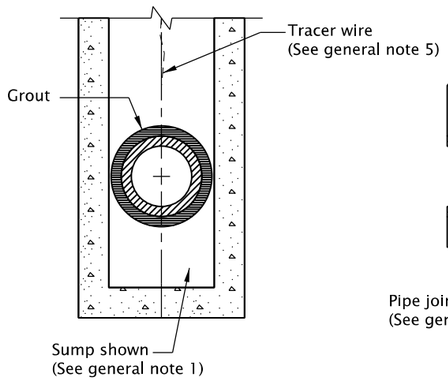
STANDARD SANITARY SEWER MANHOLE

2021

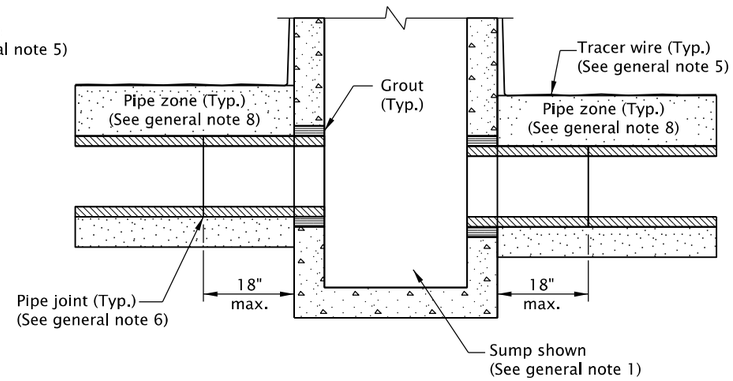
DATE	REVISION DESCRIPTION

RD338

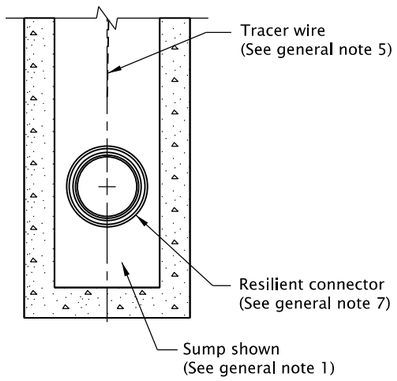
rd339.dgn 19-JUL-2021



SECTION B-B



SECTION A-A



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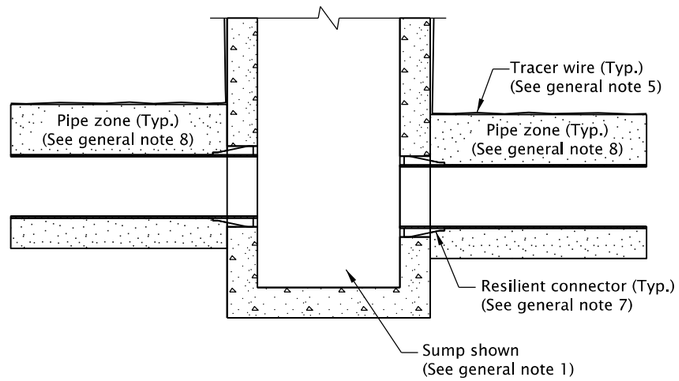
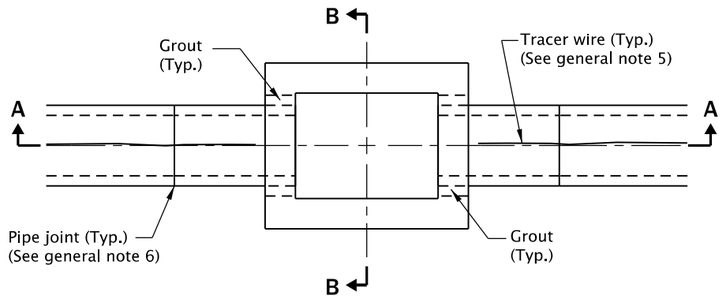
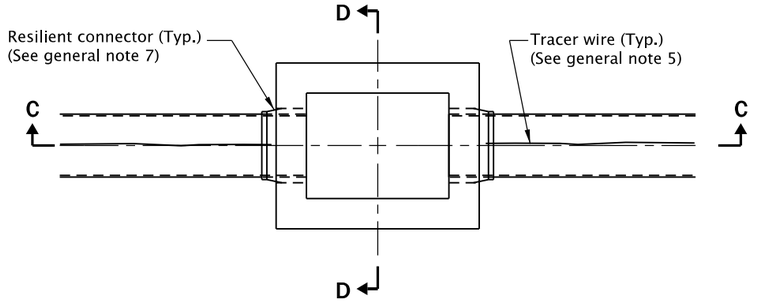


SECTION C-C



PLAN

CONNECTION OF RIGID PIPE TO STRUCTURE



PLAN

CONNECTION OF FLEXIBLE PIPE TO STRUCTURE

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. See Std. Dwgs. RD364, RD365, and RD366 for inlet details not shown.
2. See appropriate standard drawings or special project details for other similar structures.
3. Location, elevation, diameter, slope, and number of pipe(s) varies, see project plans.
4. Maximum pipe diameter varies with pipe material.
5. All connecting pipes shall have a tracer wire, or approved alternate. See Std. Dwg. RD336 for tracer wire details.
6. When rigid pipe is used, the connecting pipe shall have a flexible, gasketted and unrestrained joint within 18" of structure wall. Joint type varies with manufacturer.
7. When flexible pipe is used, install resilient connectors conforming to requirements of ASTM C923.
8. Pipe zone varies, see Std. Dwg. RD300.

CALC. BOOK NO. N/A

SDR DATE 19-JUL-2021

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

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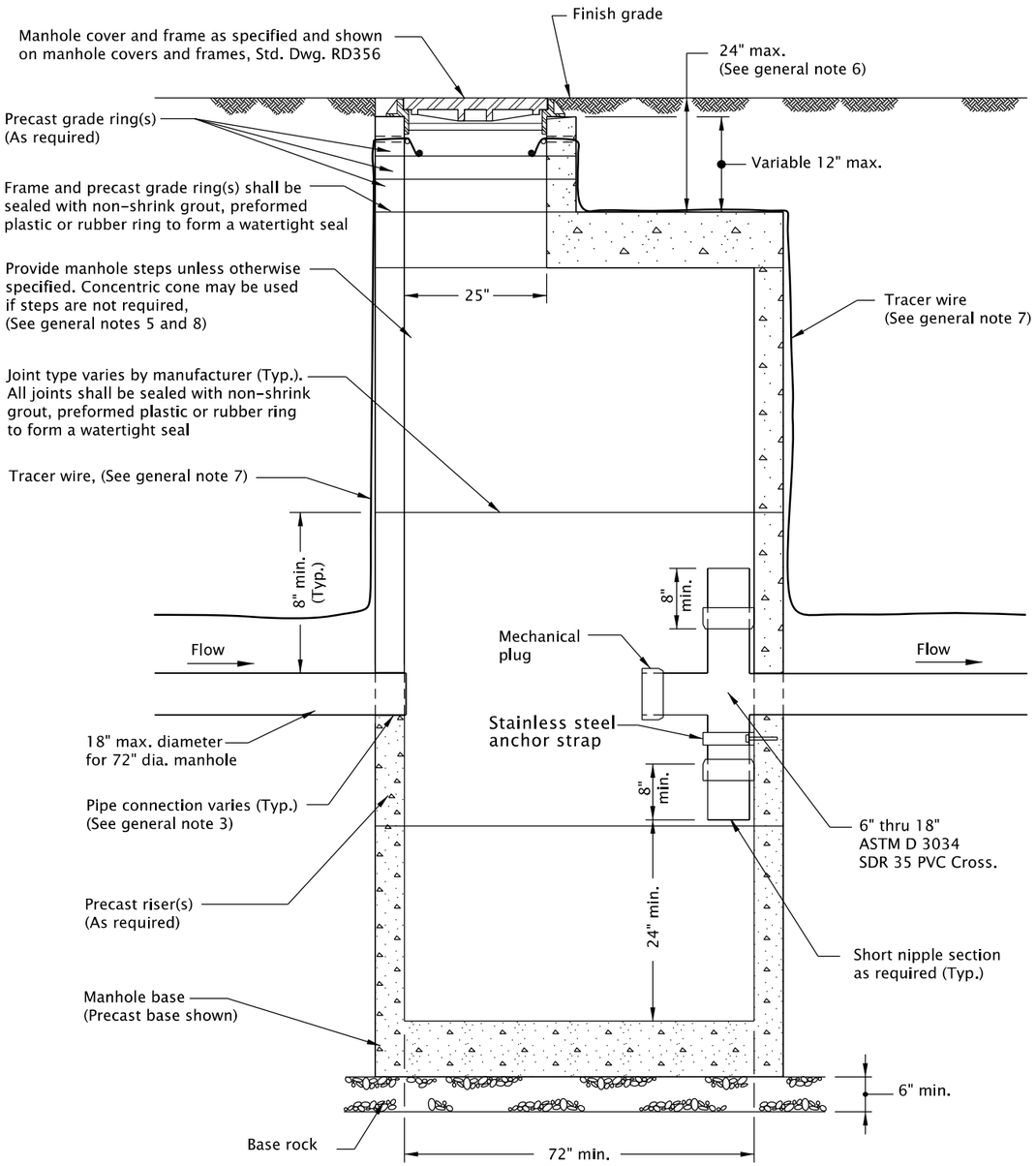
OREGON STANDARD DRAWINGS

PIPE TO STRUCTURE CONNECTIONS

2021

DATE	REVISION DESCRIPTION
07-2021	REVISED NOTES

rd340.dgn 20-JUL-2020



GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. All precast products shall conform to requirements of ASTM C478.
2. Standard precast manhole section diameter shall be 72".
3. See Std. Dwg. RD345 for pipe to manhole connections.
4. See Std. Dwg. RD344 for manhole base section, for details not shown.
5. See Std. Dwg. RD336 for manhole steps details, and flat slab top orientation.
6. Adjust 24" max.
7. See Std. Dwg. RD336 for tracer wire details.
8. See Std. Dwg. RD336 for manhole steps.
9. Max. pipe diameter varies with pipe material.
10. Location, elevation, diameter, slope, and number of pipe(s) varies, see project plans.

CALC. BOOK NO. N/A

SDR DATE 16-JAN-2019

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

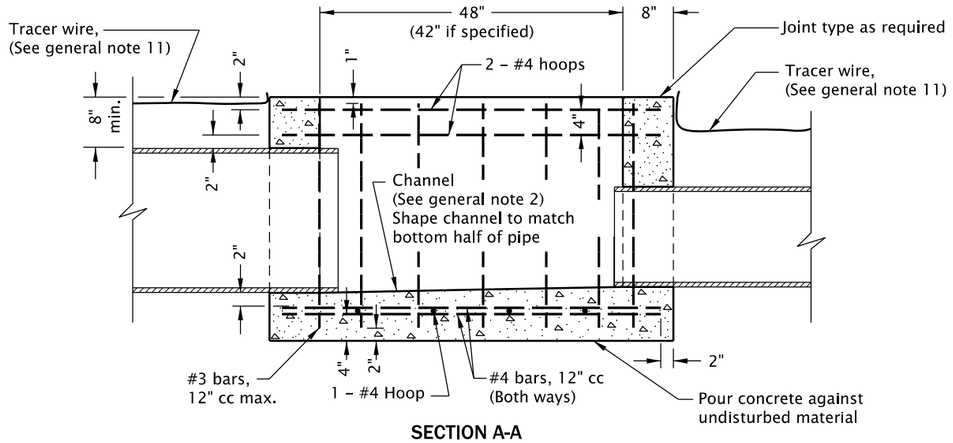
OREGON STANDARD DRAWINGS

STORM SEWER POLLUTION CONTROL MANHOLE

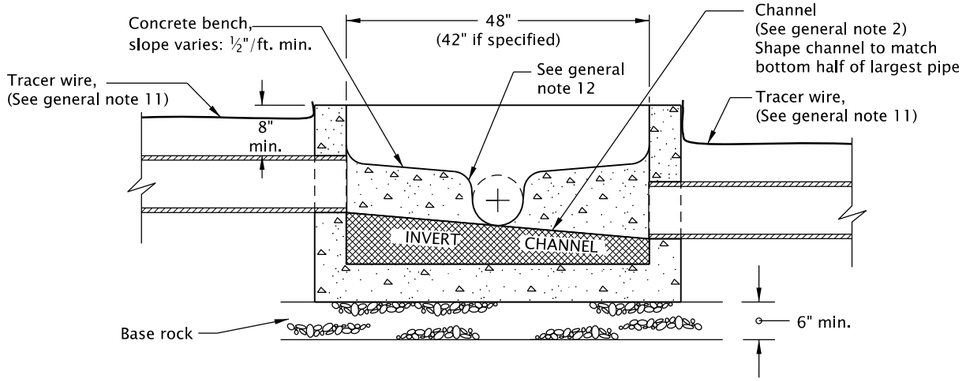
2021

DATE	REVISION DESCRIPTION

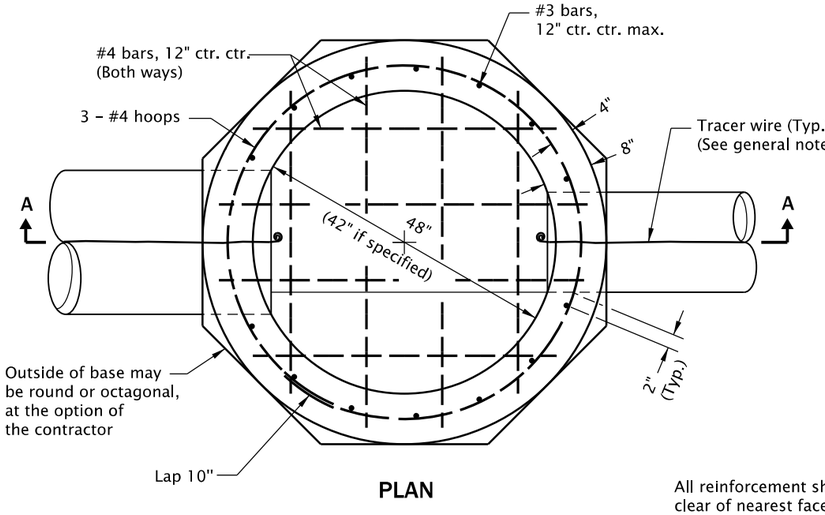
RD340



SECTION A-A



SECTION B-B

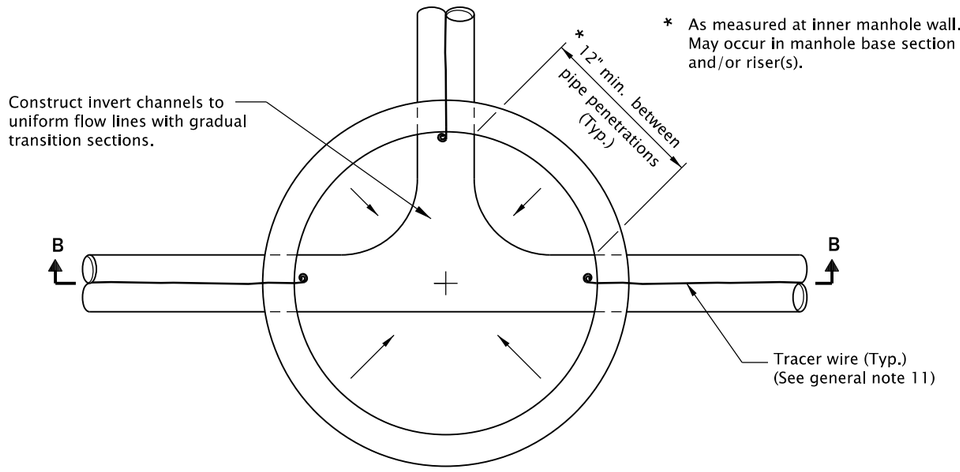


PLAN

All reinforcement shall be 2" clear of nearest face of conc., unless otherwise shown.

CAST IN PLACE MANHOLE BASE

(For invert channel details, see precast option at right)



PLAN

PRECAST MANHOLE BASE

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. All concrete shall be commercial grade concrete.
2. Channels shall be constructed to provide smooth slopes and radii to outlet pipe.
3. Bases may be precast or cast in place.
4. Max. pipe diameter varies with pipe material.
5. Use on 42" and 48" diameter manhole.
6. Extend pipe into manhole and grout smooth. Pipe(s) may extend 2" max. beyond the interior manhole wall.
7. Location, elevation, diameter, slope, and number of pipe(s) varies, see project plans.
8. All precast products shall conform to the requirements of ASTM C478.
9. See Std. Dwg. RD345 for pipe to manhole connections.
10. See Std. Dwg. RD336 for manhole steps details.
11. See Std. Dwg. RD336 for tracer wire details.
12. At spring line of pipe, extend channel up to crown line on 12:1 batter.

CALC. BOOK NO. N/A

SDR DATE 14-JUL-2014

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

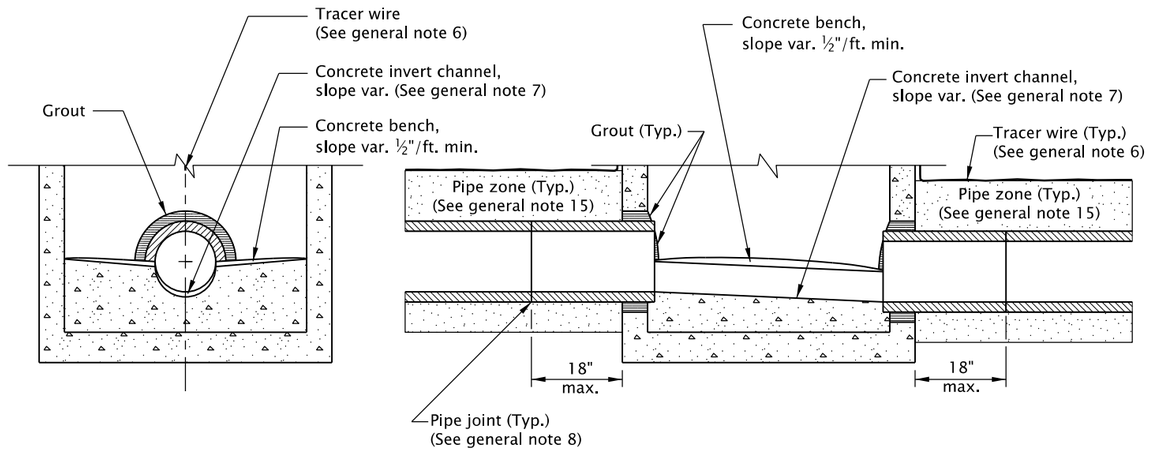
STANDARD MANHOLE BASE SECTION

2021

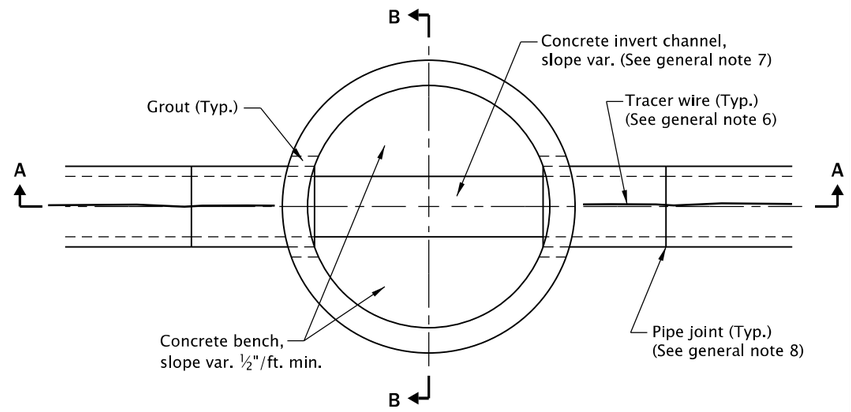
DATE	REVISION DESCRIPTION

RD344

rd344.dgn 20-JUL-2020

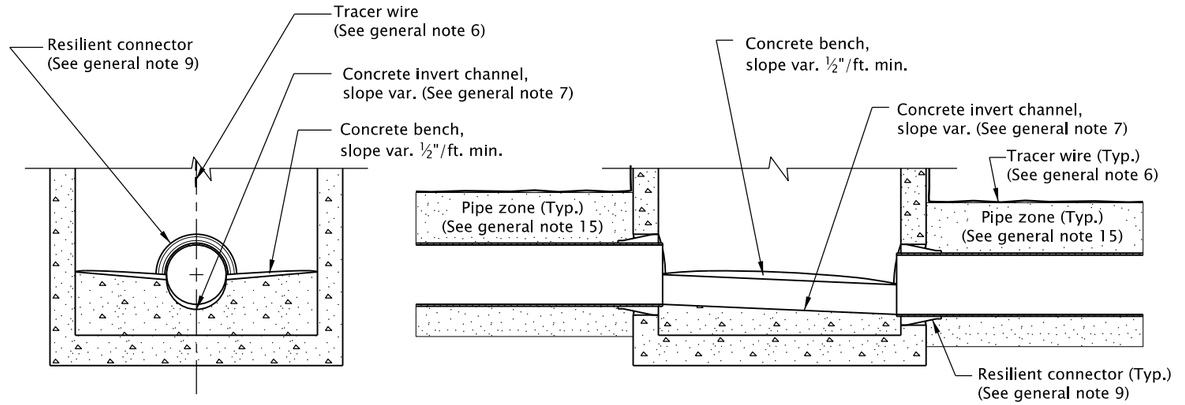


SECTION B-B **SECTION A-A**

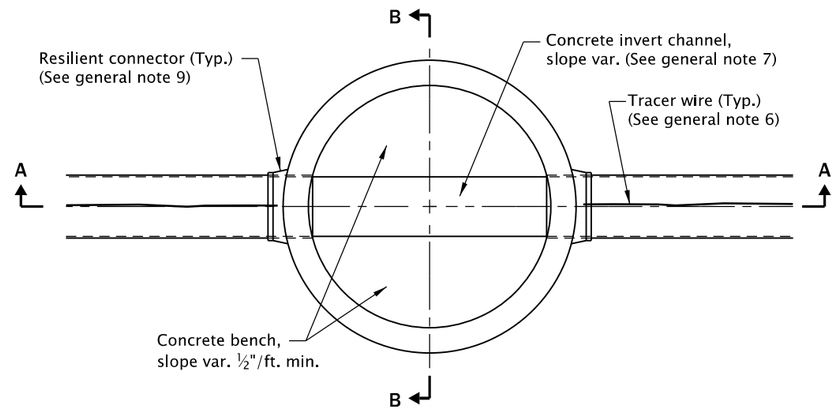


PLAN

CONNECTION OF RIGID PIPE TO MANHOLE



SECTION B-B **SECTION A-A**



PLAN

CONNECTION OF FLEXIBLE PIPE TO MANHOLE

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. All precast sections shall conform to requirements of ASTM C478.
2. Manhole base sections may be precast or cast-in-place.
3. All concrete shall be commercial grade concrete.
4. Location, elevation, diameter, slope, and number of pipe(s) varies, see project plans.
5. Max. pipe diameter varies with pipe material.
6. All connecting pipes shall have a tracer wire, or approved alternate. See Std. Dwg. RD336 for tracer wire details.
7. Invert channels shall be constructed to provide smooth slopes and radii to outlet pipe.
8. When rigid pipe is used, the connecting pipe shall have a flexible, gasketted and unrestrained joint within 18" of manhole wall. Joint type varies with manufacturer.
9. When flexible pipe is used, install resilient connectors conforming to requirements of ASTM C923.
10. See Std. Dwgs. RD335, RD336, and RD338 for details not shown.
11. See Std. Dwg. RD336 for manhole steps details.
12. See Std. Dwg. RD342 for shallow manholes.
13. See Std. Dwg. RD344 for manhole base section.
14. See Std. Dwg. RD356 for manhole covers and frames, manhole adjustment rings, etc.
15. Pipe zone varies, see Std. Dwg. RD300.

CALC. BOOK NO. N/A

SDR DATE 14-JUL-2014

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

PIPE TO MANHOLE CONNECTIONS

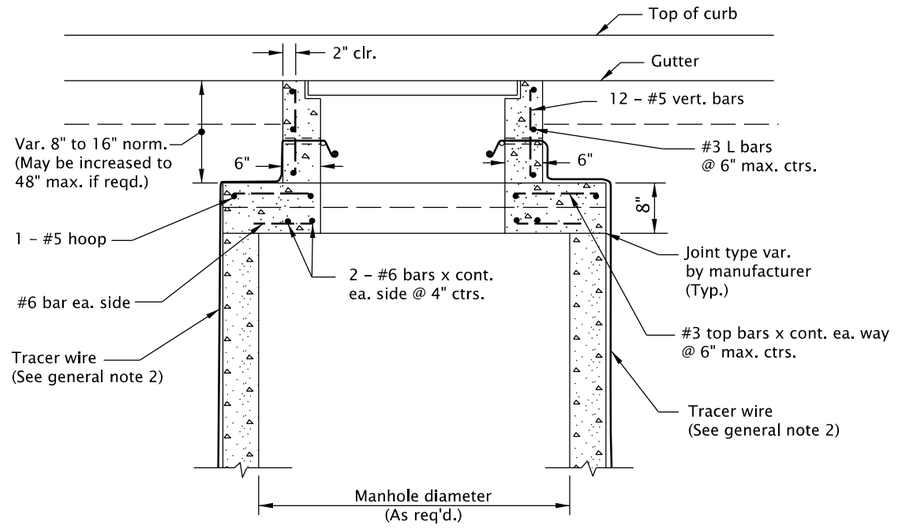
2021

DATE	REVISION DESCRIPTION

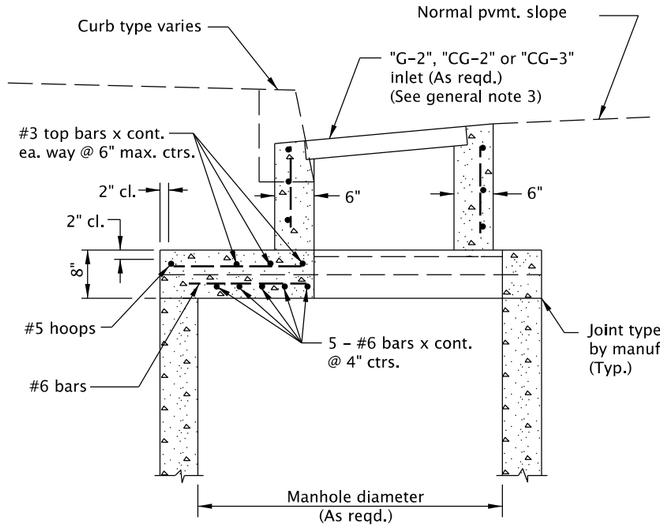
rd345.dgn 20-JUL-2020

RD345

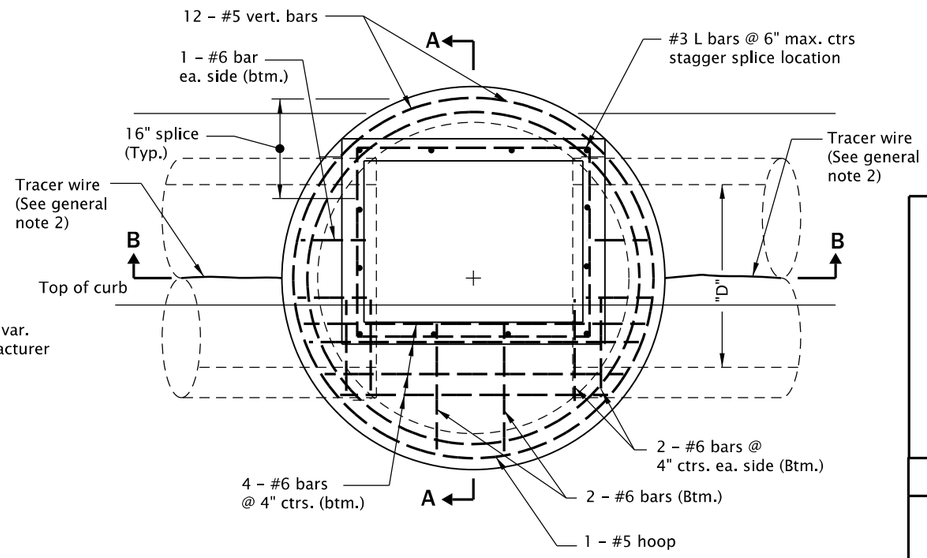
rd348.dgn 20-JUL-2020



SECTION B-B



SECTION A-A



"D" = Pipe dia.

PLAN

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. All reinforcement to be placed a minimum of 2" clear of nearest face of concrete unless otherwise shown or noted.
2. See Std. Dwgs. RD335, RD336 & RD346 for manhole and related details.
3. See Std. Dwgs. RD364, RD366 & RD371 for inlet and related details.
4. All precast products shall conform to the requirements of ASTM C478.

CALC. BOOK NO. N/A

SDR DATE 21-JUN-2019

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

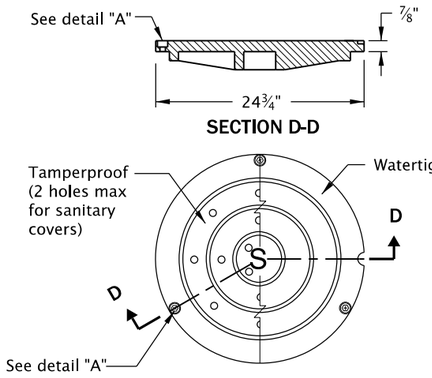
MANHOLE WITH INLET

2021

DATE	REVISION DESCRIPTION

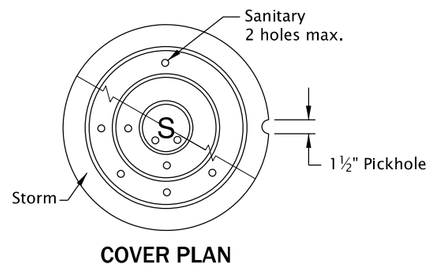
RD348

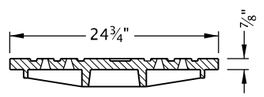
rd356.dgn 20-JUL-2020

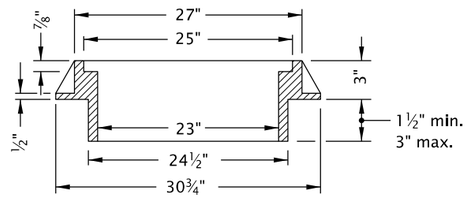


CAST IRON TAMPERPROOF & WATERTIGHT COVER

(Frames available in standard or suburban pattern)

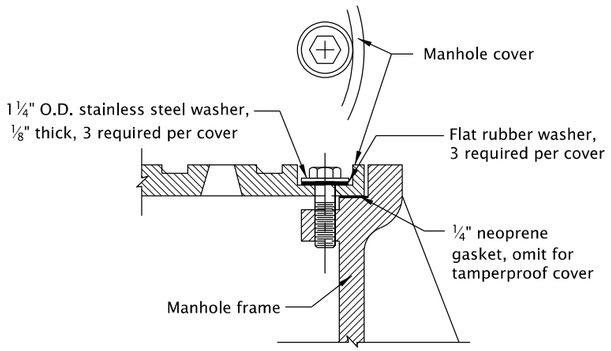






CAST IRON SUBURBAN MANHOLE COVER & FRAME

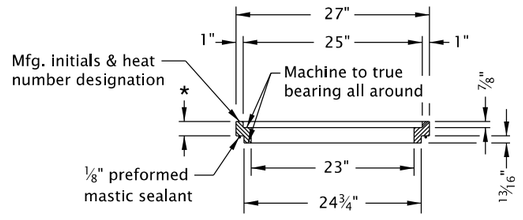
For use on local streets only, as specified

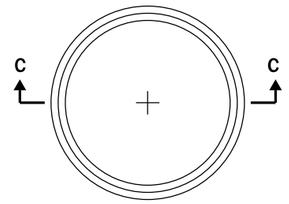


NOTE:
3 required, equally spaced, ½"x1½" pentagonal or hexagonal head, bronze or stainless steel. Install frame so that one bolt boss is located over the manhole steps (See general note 8).

BOLT-DOWN (FOR TAMPERPROOF AND WATERTIGHT)
DETAIL "A"

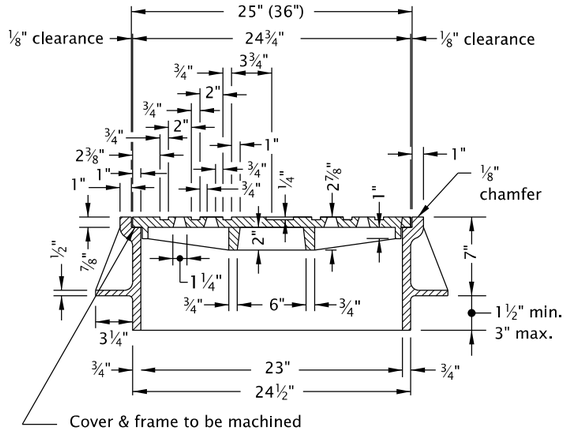
* Std. depths 1½", 2", 2½" & 3"
Matl. to be grey cast iron ASTM A 48, Class 35B. Tolerance on non-machined surfaces to be |0.06", see general note 6



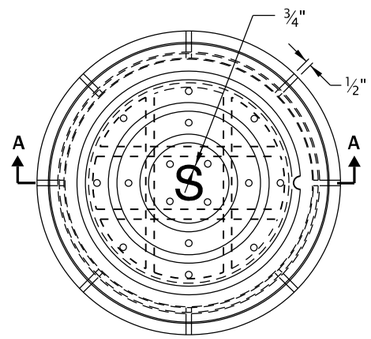


MANHOLE ADJUSTMENT RING

For use with Standard Manhole Frame

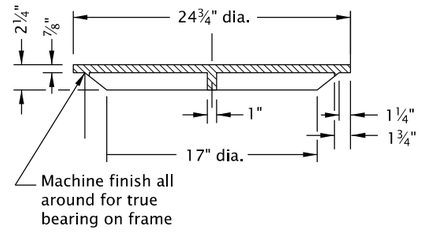


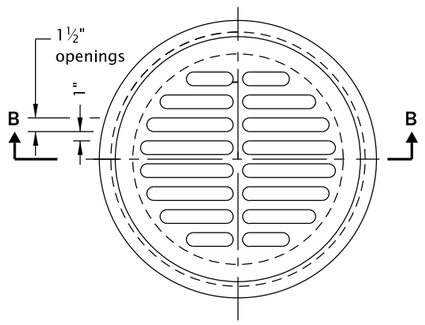
36" min. diameter cover is required for manholes with depths of 20' or greater. (See general note 4)



NOTE:
Coat outside of frame with asphalt, where frame is to be placed in conc. pvmt., conc. gutter, or walk.

STANDARD MANHOLE COVER & FRAME





STANDARD MANHOLE GRATE

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Tamperproof covers required on sanitary or storm drain manhole where located in pedestrian ways or easement areas. Covers for sanitary manholes shall have 2 holes maximum.
2. Watertight covers required if located where cover may be submerged (no holes).
3. Covers and frames shall be stamped with manufacturer's initials, heat number and point of origin.
4. See Std. Dwg. RD336 for manhole steps.
5. See Std. Dwg. RD360 for manhole frame adjustment.
6. See ODOT's QPL for alternate manhole adjustment rings.
7. Manhole grate allowed only in locations not subject to bicycle or pedestrian use.
8. See ODOT's QPL for alternate bolt-down products.

CALC. BOOK NO. N/A

SDR DATE 21-JUN-2019

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

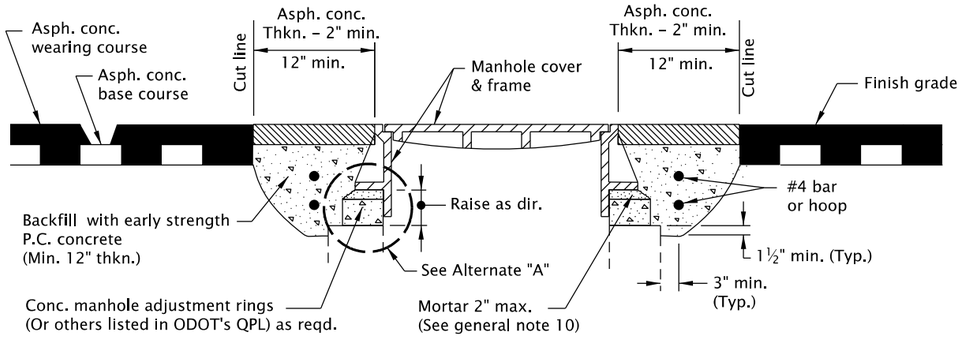
OREGON STANDARD DRAWINGS

MANHOLE COVERS AND FRAMES

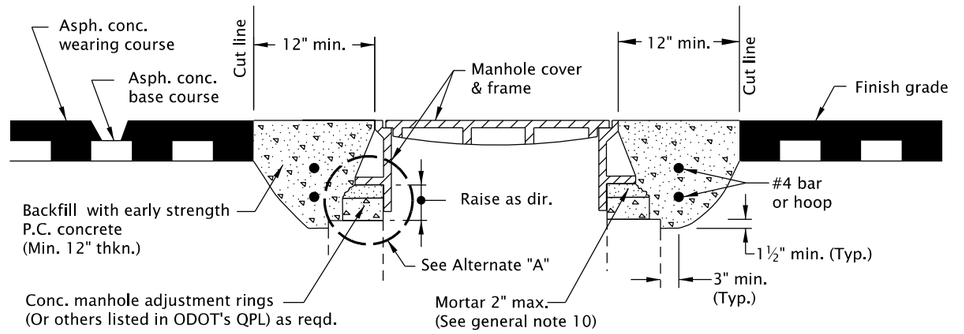
2021

DATE	REVISION DESCRIPTION

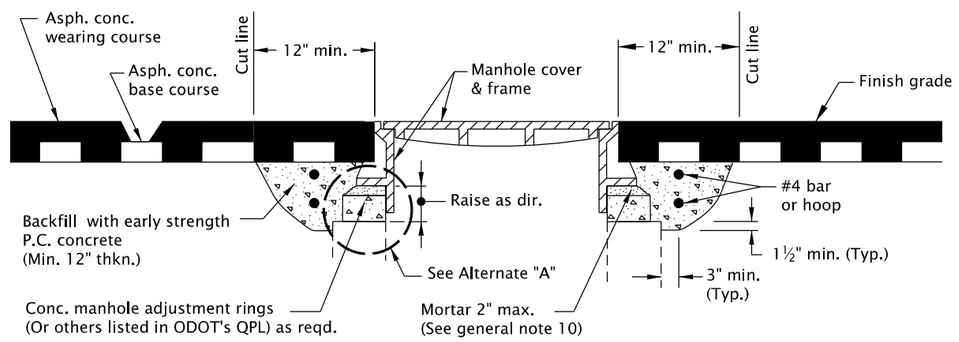
RD356



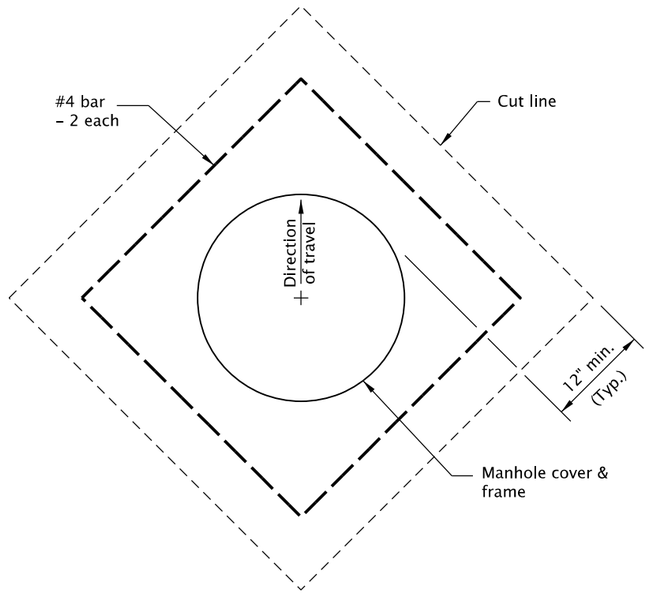
METHOD "A"



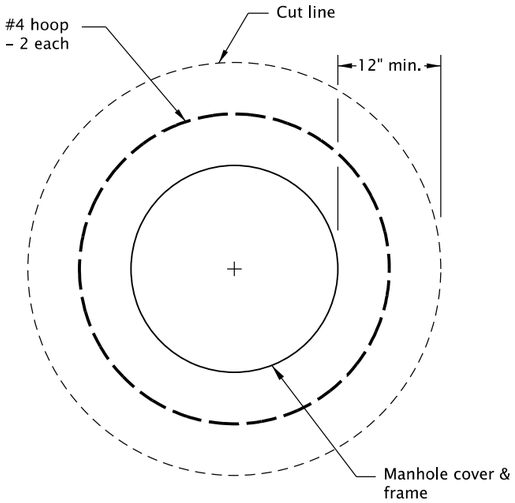
METHOD "B"



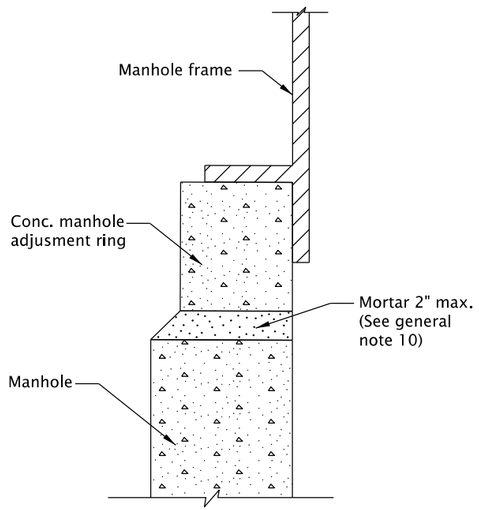
METHOD "C"



PLAN
SQUARE CUT



PLAN
CIRCULAR CUT



ALTERNATE "A"

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Cover manhole with building paper and const. asph. conc. base course and wearing courses.
2. Saw cut square or circular excavation around manhole 12" min. from manhole frame.
3. Raise manhole cover and frame to finish grade by installing conc. manhole adjustment rings and leveling mortar, as shown.
4. Backfill with early strength Portland Cement Concrete. All concrete shall be commercial grade concrete.
5. Protect from traffic loading until conc. has cured to 3000 psi.
6. Apply tack coat to edges of existing pavement before installing patch.
7. Finish joint with asphalt seal and sand.
8. See Std. Dwg. RD336 for manhole steps details.
9. See appropriate manhole standard drawings for details not shown.
10. Use epoxy for synthetic grade rings.
11. See Std. Dwg. RD336 for tracer wire details.
12. See Std. Dwg. RD356 for manhole covers and frames.

CALC. BOOK NO. N/A

SDR DATE 21-JUL-2015

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

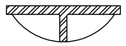
MANHOLE FRAME ADJUSTMENT

2021

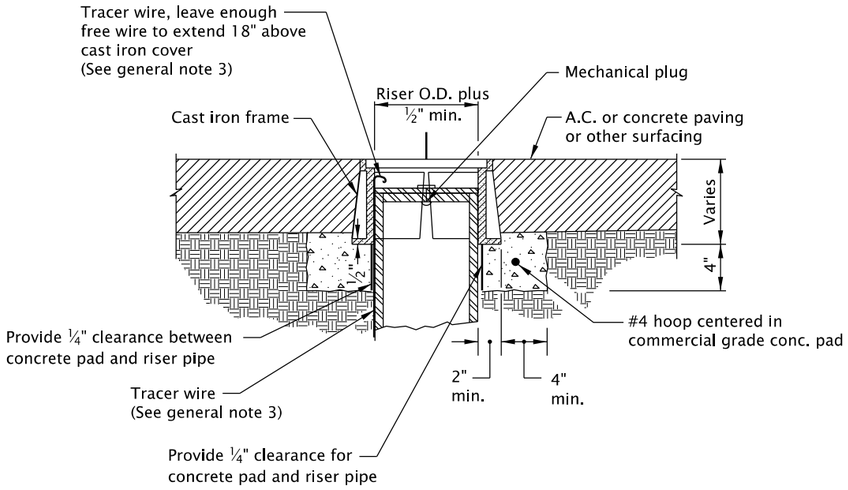
DATE	REVISION DESCRIPTION

rd360.dgn 20-JUL-2020

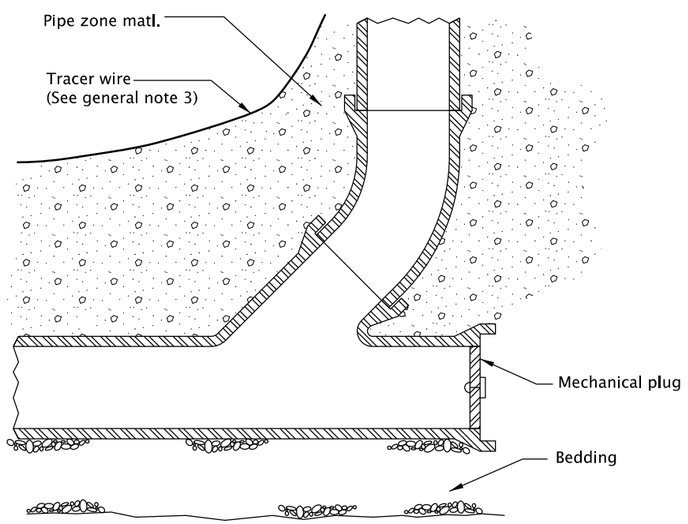
RD360



CAST IRON COVER



CAST IRON FRAME



CLEANOUT

CALC. BOOK NO. N/A

SDR DATE 14-JUL-2014

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

SANITARY CLEANOUT

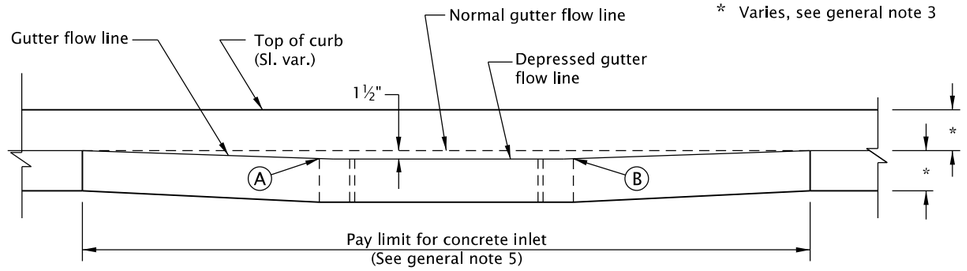
2021

DATE	REVISION DESCRIPTION

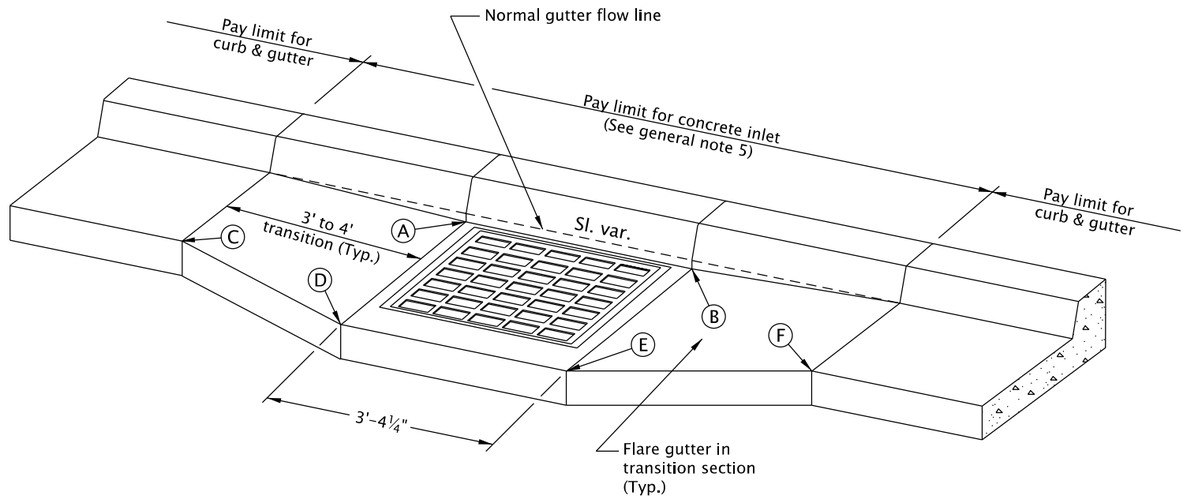
RD362

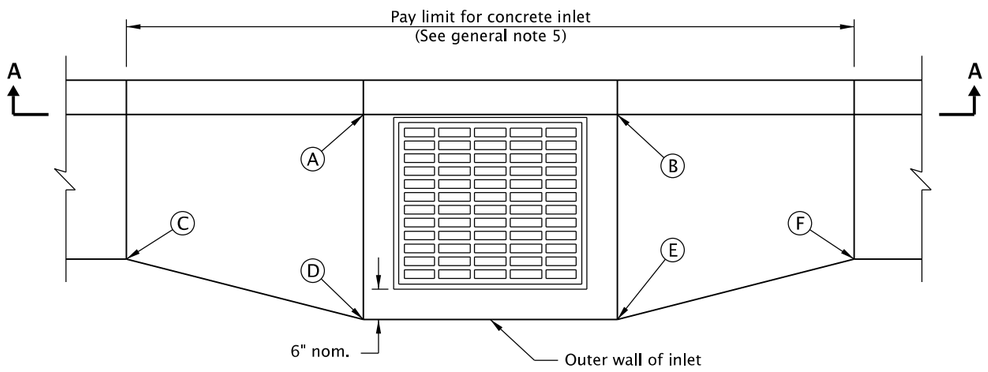
rd362.dgn 20-JUL-2020

NOTES:
1. Provide 1½" local depression at points A & B.
2. Match normal pvmt. grade at points C, D, E & F.
3. Vary transition section slopes to match above points.



SECTION A-A





PLAN VIEW

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. For inlet details, see appropriate inlet standard drawing(s).
2. For frame and grate details, see Std. Dwg. RD365.
3. For curb details, see Std. Dwgs. RD700 & RD701.
4. All concrete shall be commercial grade concrete.
5. Pay limit for inlet is expanded when curb and gutter are monolithic.

CALC. BOOK NO. N/A

SDR DATE 21-JUL-2015

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

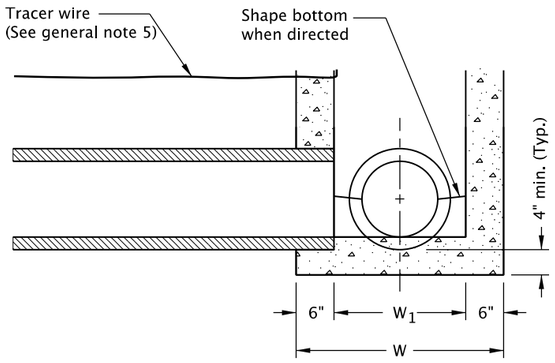
GUTTER TRANSITION AT INLET

2021

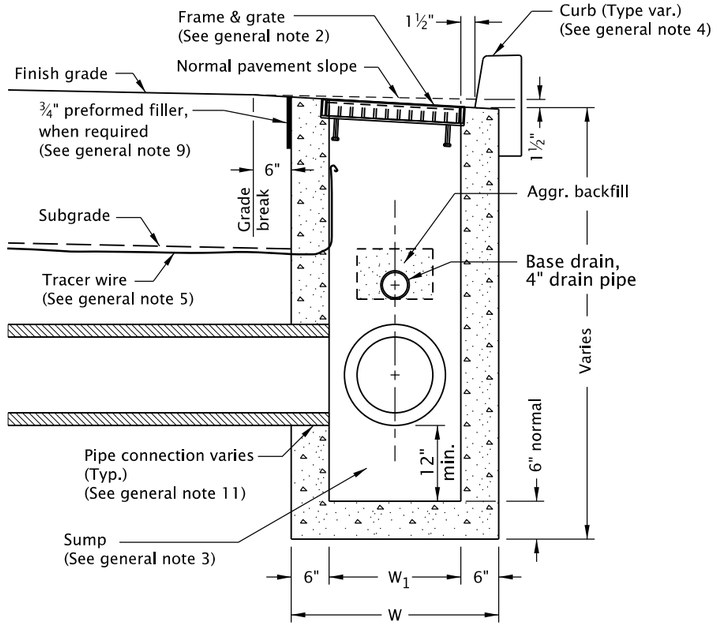
DATE	REVISION DESCRIPTION

rd363.dgn 20-JUL-2020

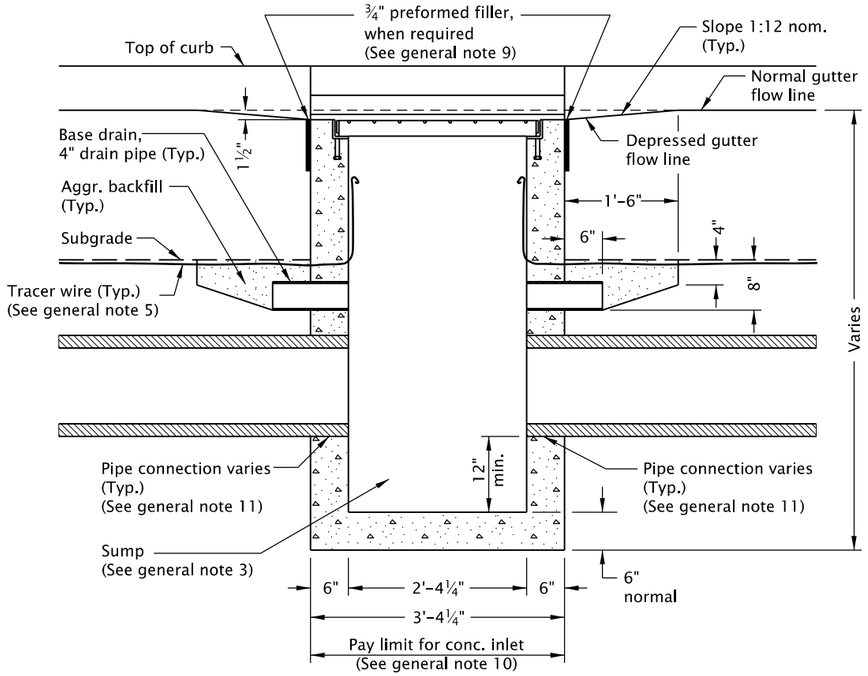
RD363



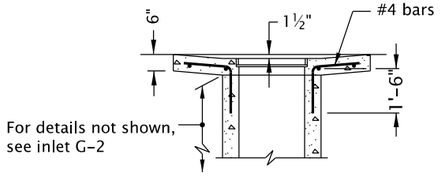
DETAIL A
WITHOUT SUMP



SECTION B - B



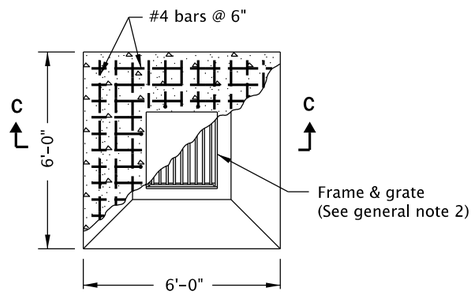
SECTION A - A



SECTION C-C

NOTE:

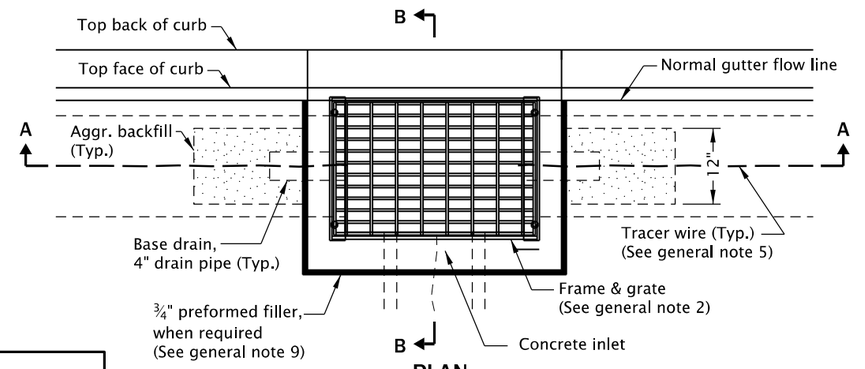
All reinforcement to be placed 2" clear of nearest face of concrete unless shown or noted otherwise



PLAN

TYPE G-2MA

TABLE A		
INLET TYPE	W	W_1
G-1	2'-8⅞"	1'-8⅞"
G-2, G-2M, G-2MA	3'-3⅜"	2'-3⅜"



PLAN

TYPE G-1, G-2, G-2M

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Where precast inlets are used as an alternate to cast-in-place inlets, a 4" compacted leveling bed of sand or ¼"-0 crushed aggregate shall be provided. All precast inlets shall conform to requirements of ASTM C913.
2. Graphics show G-1 inlet with Type 2 grate. See Table A for inlet dimensions.
   Type 1 grate allowed only in locations not subject to bicycle or pedestrian use.
   For frame and grate details, see Std. Dwg. RD365.
3. Provide sump only where shown on plans, and allowed by jurisdiction. See Detail A for inlet without sump.
4. For curb details, see Std. Dwgs. RD700 & RD701.
5. See Std. Dwg. RD336 for tracer wire details, or approved alternate.
6. Max. pipe diameter varies with pipe material.
7. Location, elevation, diameter, slope, and number of pipe(s) varies, see project plans.
8. All concrete shall be commercial grade concrete.
9. ¾" preformed filler (in concrete pavement or gutter only) to extend through thickness of concrete.
10. See Std. Dwg. RD363 for gutter transition section, when curb and gutter are required.
11. See Std. Dwg. RD339 for pipe to structure connections.

CALC. BOOK NO. N/A

SDR DATE

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

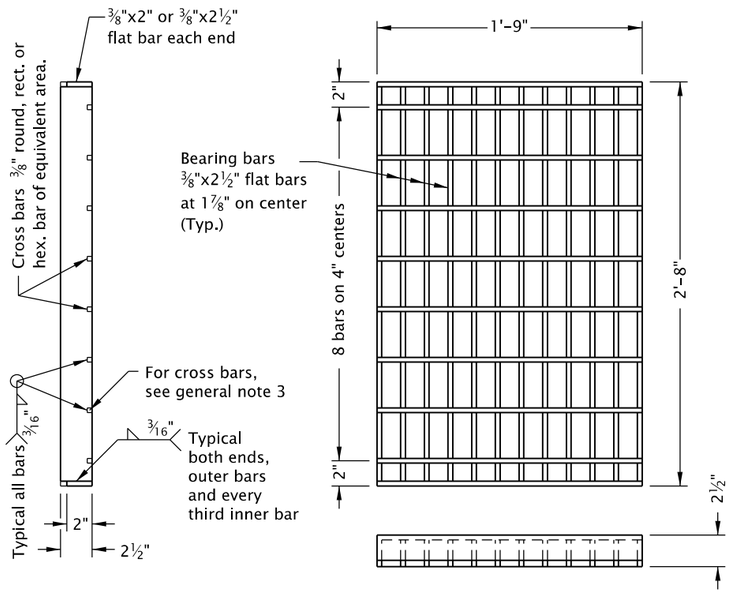
CONCRETE INLETS
TYPE G-1, G-2, G-2M, & G-2MA

2021

DATE	REVISION DESCRIPTION

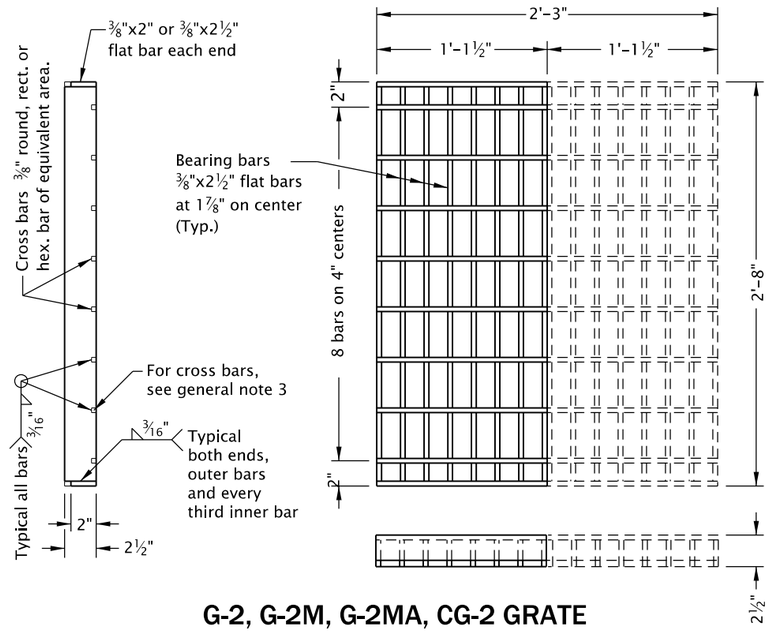
rd364.dgn 20-JUL-2020

RD364



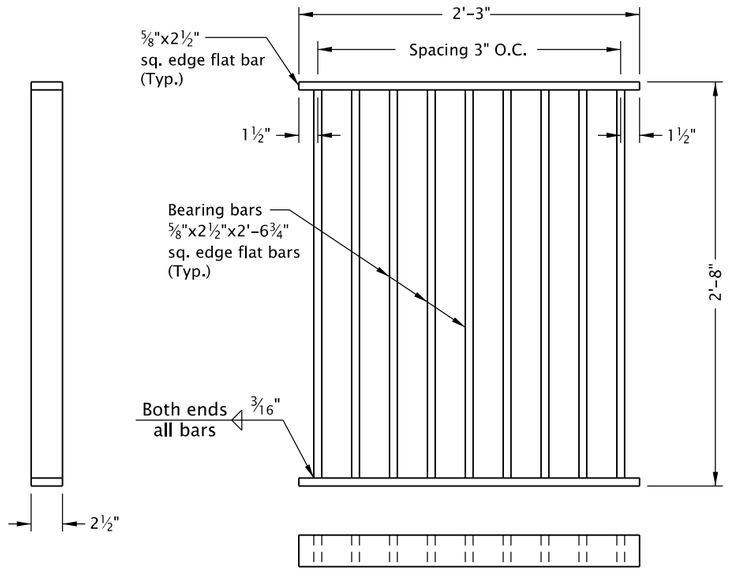
G-1, CG-1 GRATE (TYPE 2)

(Bicycle-safe)



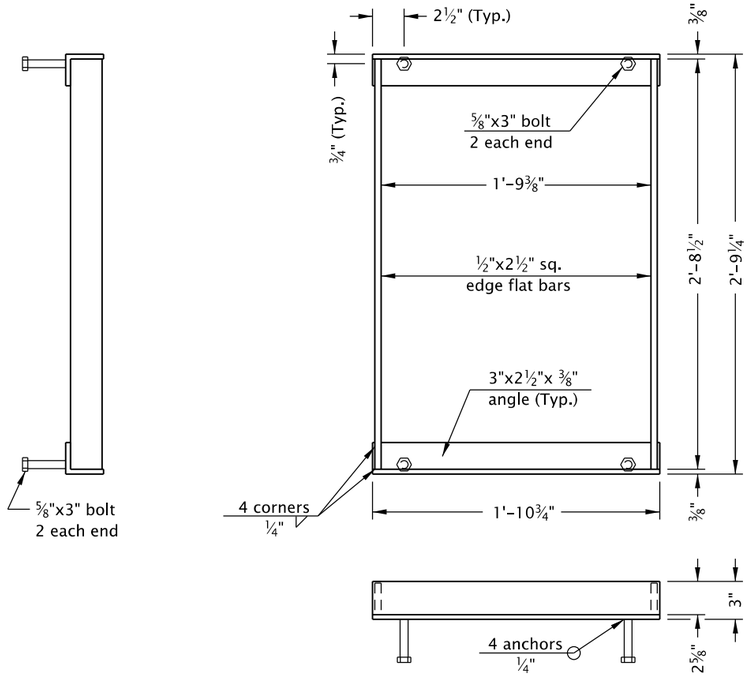
G-2, G-2M, G-2MA, CG-2 GRATE (TYPE 2)

(Bicycle-safe)
(2 grates required per inlet, as shown)

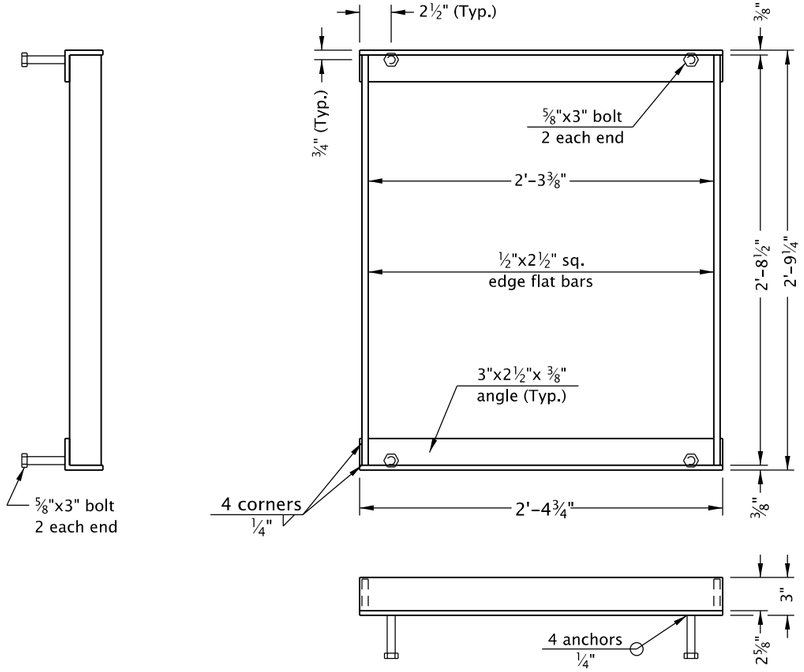


G-2, G-2M, G-2MA, CG-2 GRATE (TYPE 1)

(See general note 2)



G-1, CG-1 FRAME



G-2, G-2M, G-2MA, CG-2 FRAME

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. For inlet details, see appropriate inlet standard drawing(s).
2. Type 1 grate allowed only in locations not subject to bicycle or pedestrian use.
3. 3/8" cross bars shall be flush with the top of grate surface and may be fillet welded, resistance welded or electroforged to bearing bars.
4. Hot dip galvanize after fabrication.
5. Cast iron grate and frame are acceptable alternates. See ODOT's QPL.

CALC. BOOK NO. N/A

SDR DATE 14-JUL-2014

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

FRAMES & GRATES FOR CONCRETE INLETS

2021

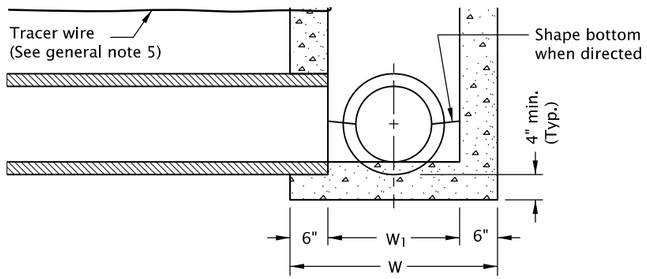
DATE	REVISION DESCRIPTION

rd365.dgn 20-JUL-2020

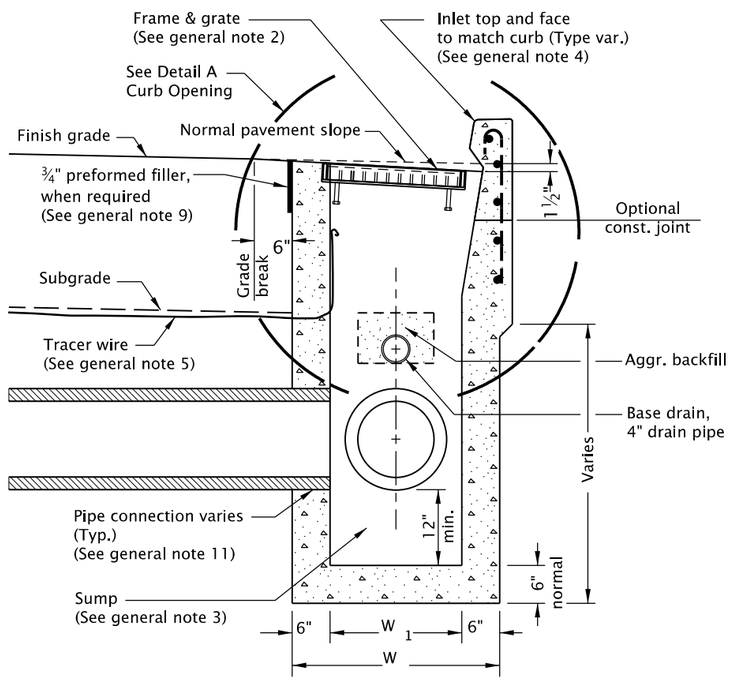
RD365

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

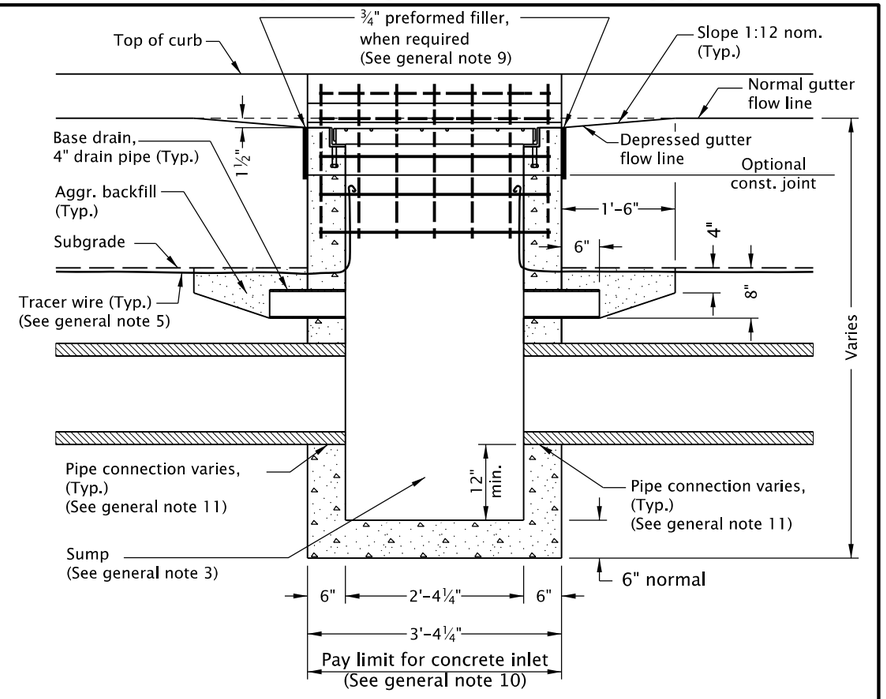
1. Where precast inlets are used as an alternate to cast-in-place inlets, a 4" compacted leveling bed of sand or ¼"-0 crushed aggregate shall be provided. All precast inlets shall conform to requirements of ASTM C913.
2. Graphics show CG-1 inlet with Type 2 grate. See Table A for inlet dimensions. Type 1 grate allowed only in locations not subject to bicycle or pedestrian use. For frame and grate details, see Std. Dwg. RD365.
3. Provide sump only where shown on plans, and allowed by jurisdiction. See Detail B for inlet without sump.
4. For curb details, see Std. Dwgs. RD700 & RD701.
5. See Std. Dwg. RD336 for tracer wire details, or approved alternate.
6. Max. pipe diameter varies with pipe material.
7. Location, elevation, diameter, slope, and number of pipe(s) varies, see project plans.
8. All concrete shall be commercial grade concrete.
9. ¾" preformed filler (in concrete pavement or gutter only) to extend through thickness of concrete.
10. See Std. Dwg. RD363 for gutter transition section, when curb and gutter are required. (Pay limit for inlet is expanded when curb and gutter are monolithic)
11. See Std. Dwg. RD339 for pipe to structure connections.



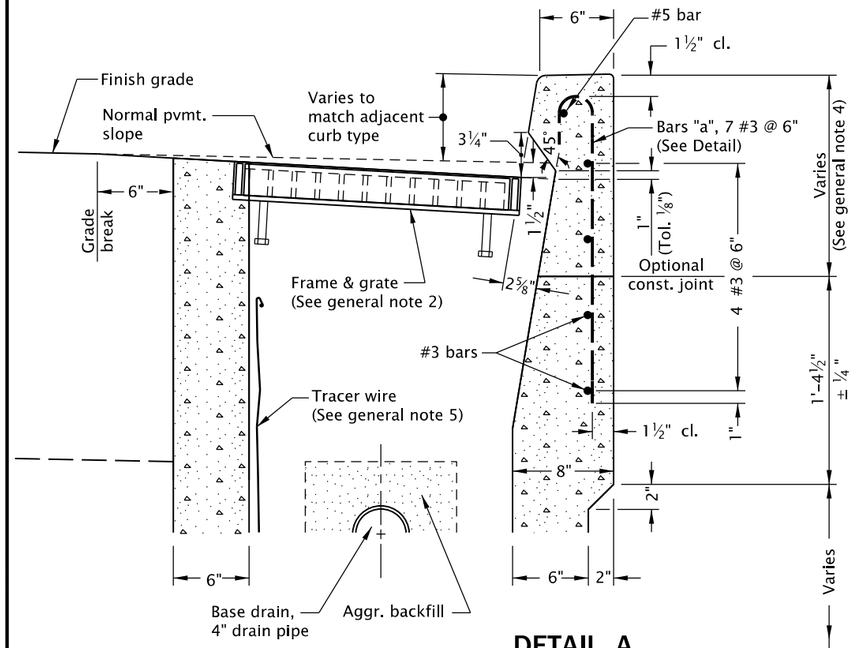
DETAIL B WITH-OUT SUMP



SECTION B - B

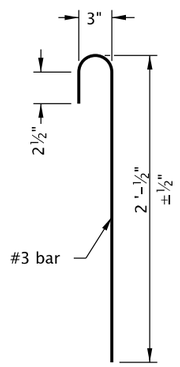


SECTION A - A



NOTE:
Use details shown on Std. Dwg. RD367 when curb inlet channels are used.

DETAIL A
CURB OPENING

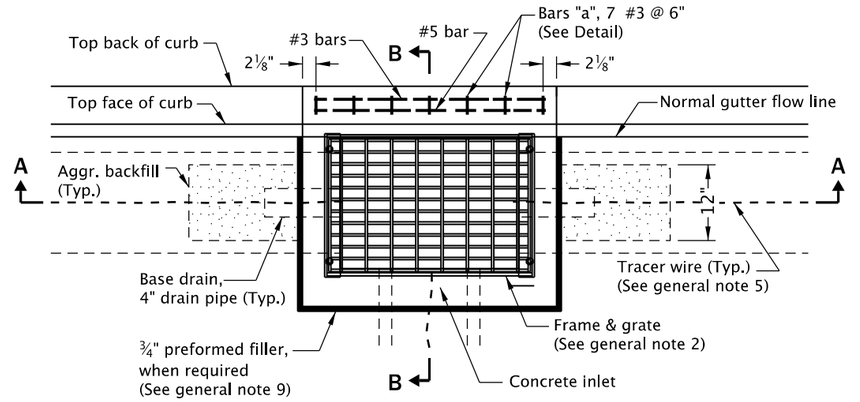


BAR "a" DETAILS

TABLE A		
INLET TYPE	W	W_1
CG-1	2'-8⅞"	1'-8⅞"
CG-2	3'-3⅜"	2'-3⅜"

NOTES:

1. #3 "a" bars to be placed during curb construction.
2. All bars to be placed 1½" clear of nearest face of concrete unless shown or noted otherwise.
3. All bars shall be full length.



PLAN

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

CALC. BOOK NO. N/A

SDR DATE 20-JUL-2020

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

OREGON STANDARD DRAWINGS

CONCRETE INLETS
TYPE CG-1, CG-2

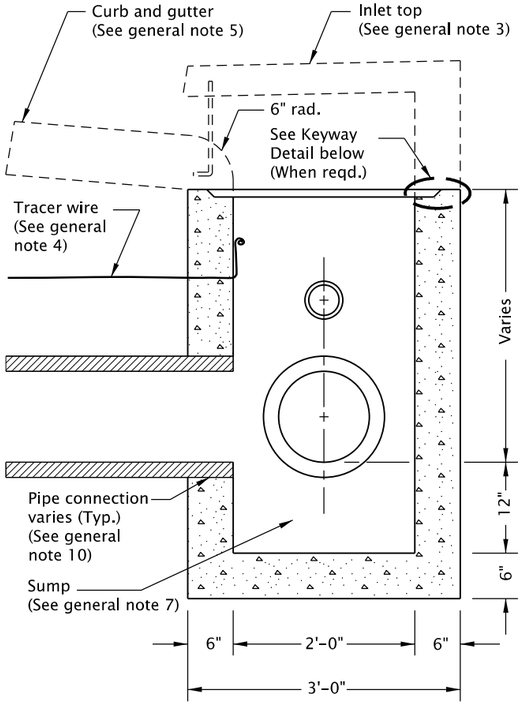
2021

DATE	REVISION DESCRIPTION

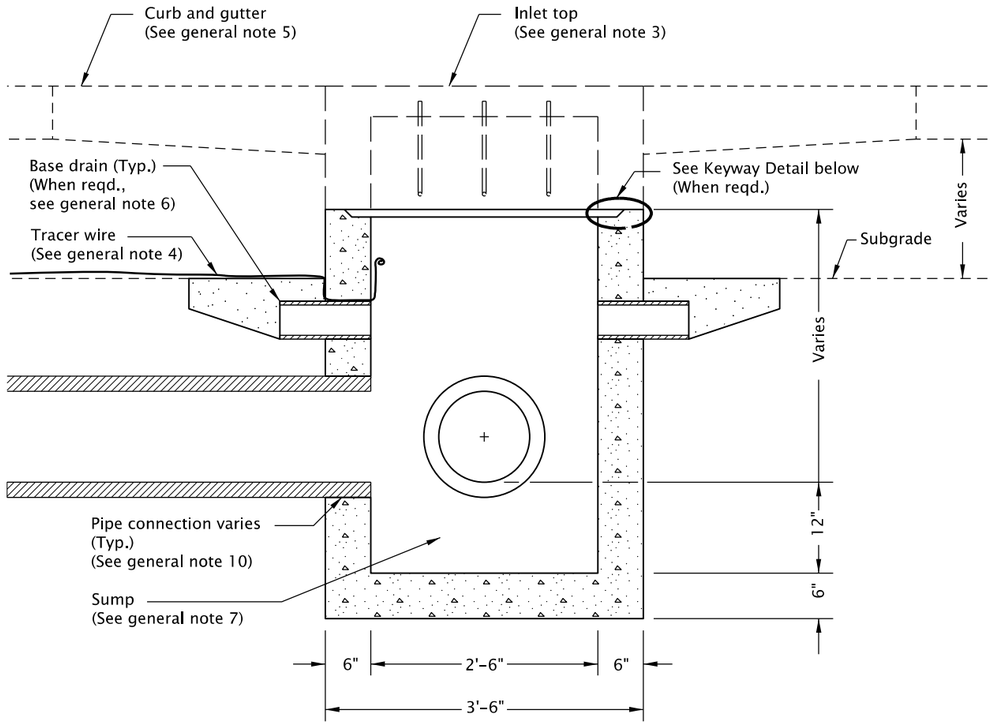
rd366.dgn 20-JUL-2020

RD366

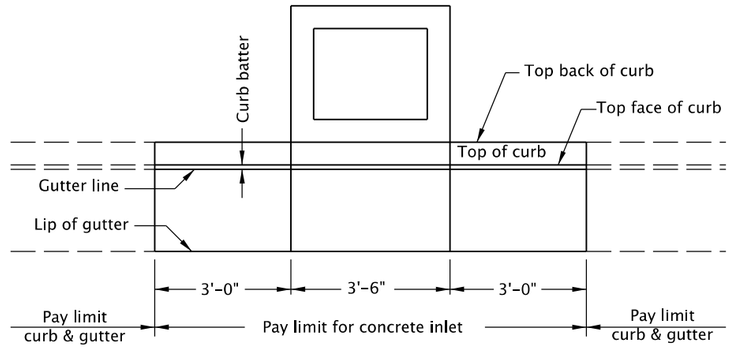
rd371.dgn 20-JUL-2020



SECTION B - B



SECTION A - A

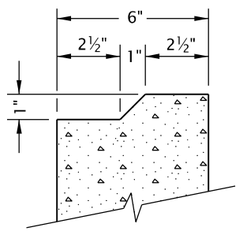


PLAN

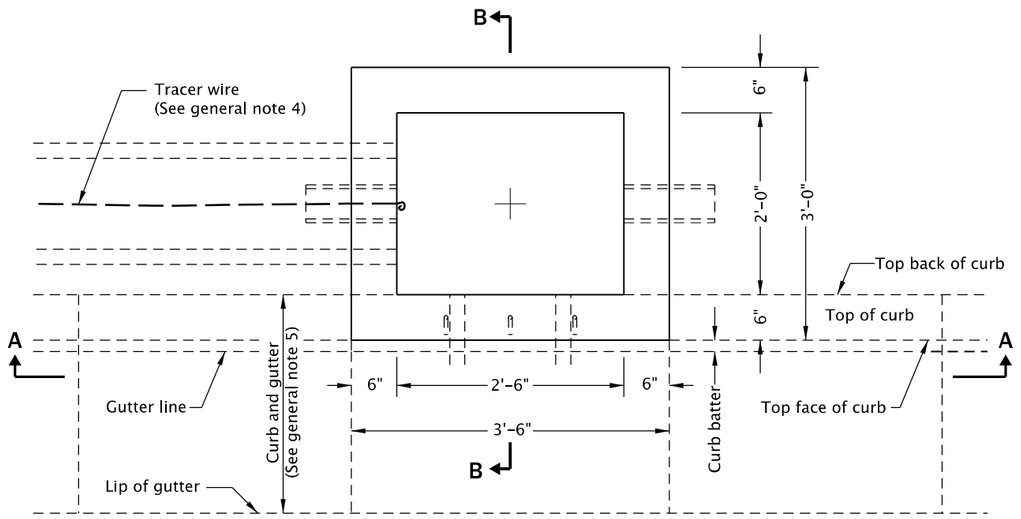
PAY LIMIT

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. All concrete shall be commercial grade concrete.
2. Inlet base may be cast-in-place or precast. Where precast inlet base is used as an alternate, a 4" compacted leveling bed of sand or ¼"-0 crushed aggregate shall be provided. All precast inlets shall conform to requirements of ASTM C913.
3. See Std. Dwgs. RD372 & RD373 for inlet top details.
4. See Std. Dwg. RD336 for tracer wire details, or approved alternate.
5. See Std. Dwgs. RD700 & RD701 for curb and gutter details.
6. See Std. Dwg. RD364 for base drain details.
7. Provide sump only where shown on plans, and allowed by jurisdiction. For sump details, see Std. Dwg. RD364.
8. Location, elevation, diameter, slope, and number of pipe(s) varies, see project plans.
9. Max. pipe diameter varies with pipe material.
10. See Std. Dwg. RD339 for pipe to structure connections.



KEYWAY DETAIL



PLAN

CALC. BOOK NO. N/A

SDR DATE 21-JUL-2015

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

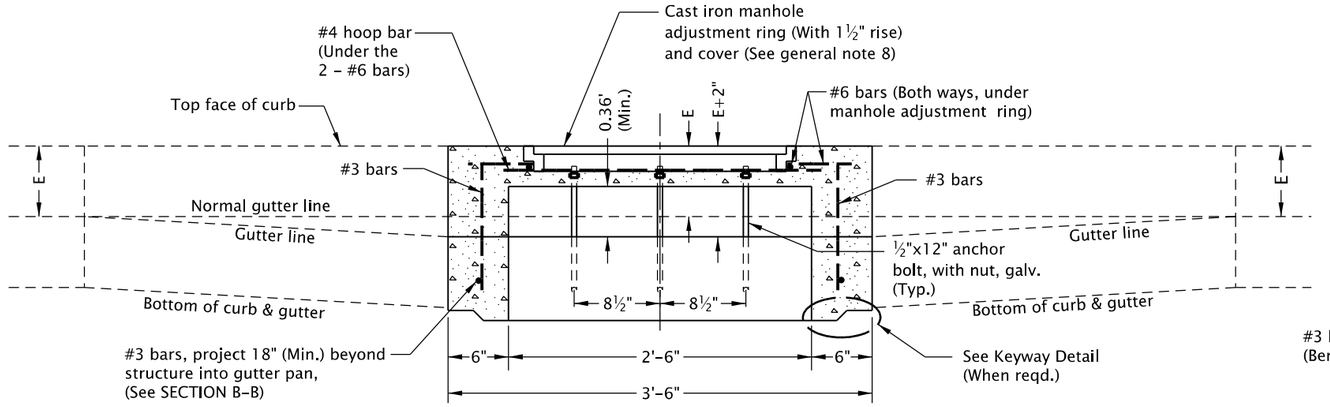
OREGON STANDARD DRAWINGS

CONCRETE INLET BASE TYPE CG-3

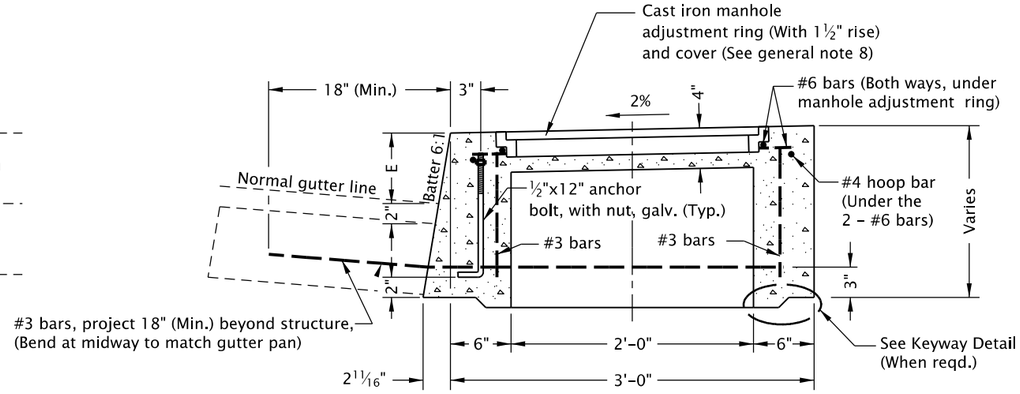
2021

DATE	REVISION DESCRIPTION

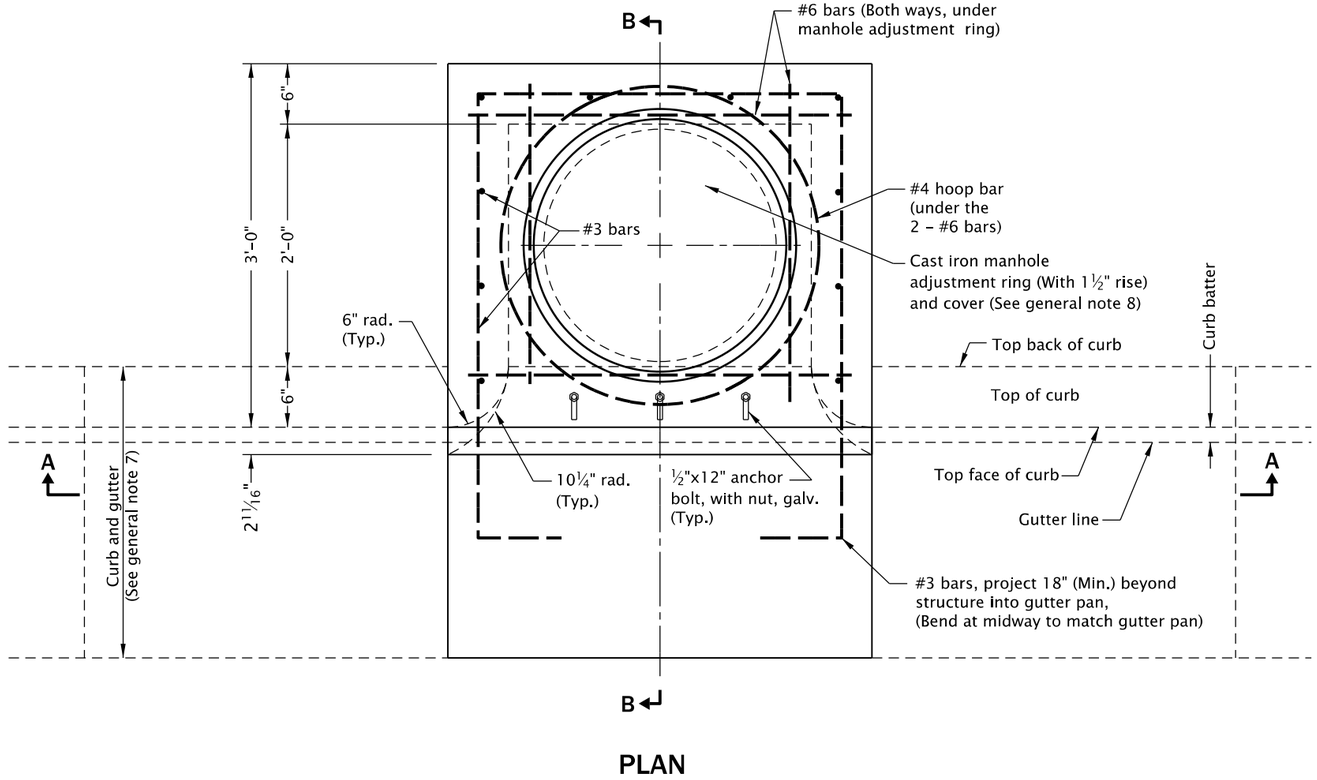
RD371



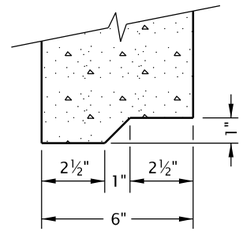
SECTION A - A



SECTION B - B



PLAN



KEYWAY DETAIL

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. All concrete shall be commercial grade concrete.
2. Inlet top may be cast-in-place or precast. All precast inlets shall conform to requirements of ASTM C913.
3. All reinforcement shall be 2" clear of nearest face of conc., unless otherwise shown.
4. Vary anchor bolt length and reinforcing bar placement as required by curb exposure E (See note 7 below).
5. See Std. Dwg. RD371 for inlet base details.
6. See Std. Dwg. RD371 for inlet pay limit.
7. See Std. Dwg. RD700 & RD701 for curb and gutter details.
8. See Std. Dwg. RD356 for cast iron manhole adjustment ring and cover.

CALC. BOOK NO. N/A

SDR DATE 16-JAN-2019

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

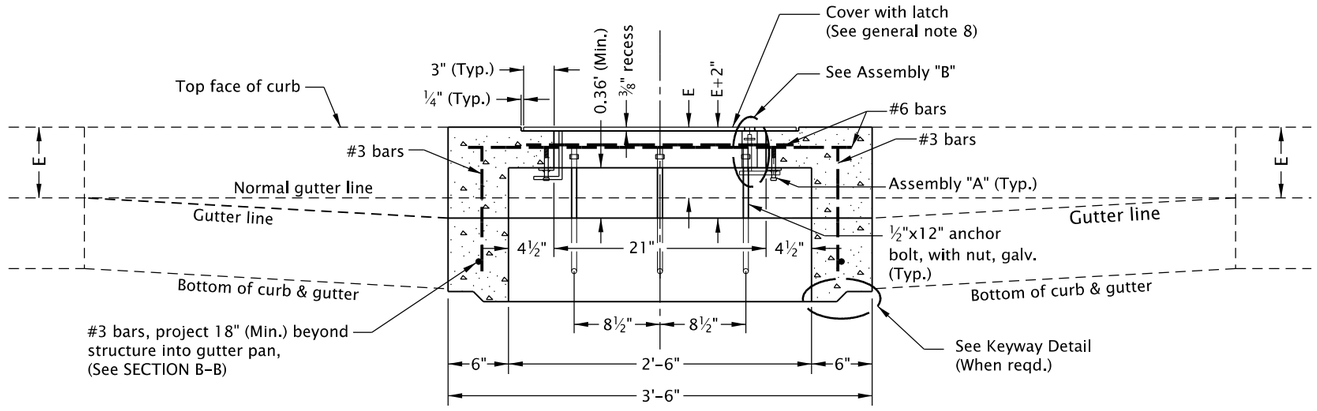
CONCRETE INLET TOP, OPTION 1 TYPE CG-3

2021

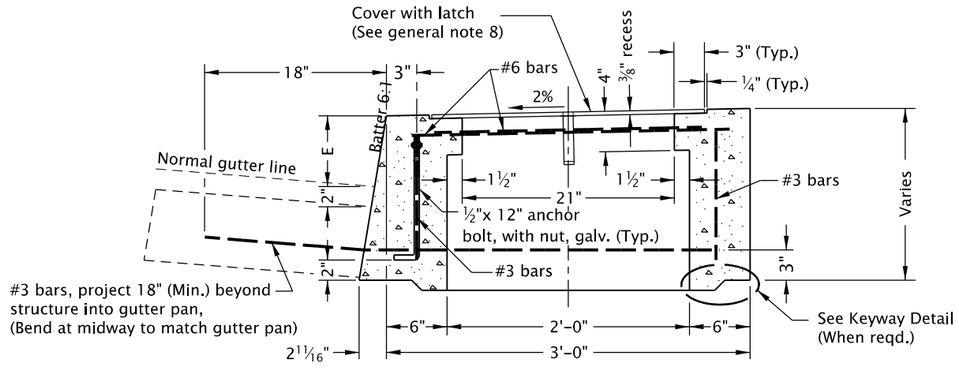
DATE	REVISION DESCRIPTION

rd372.dgn 20-JUL-2020

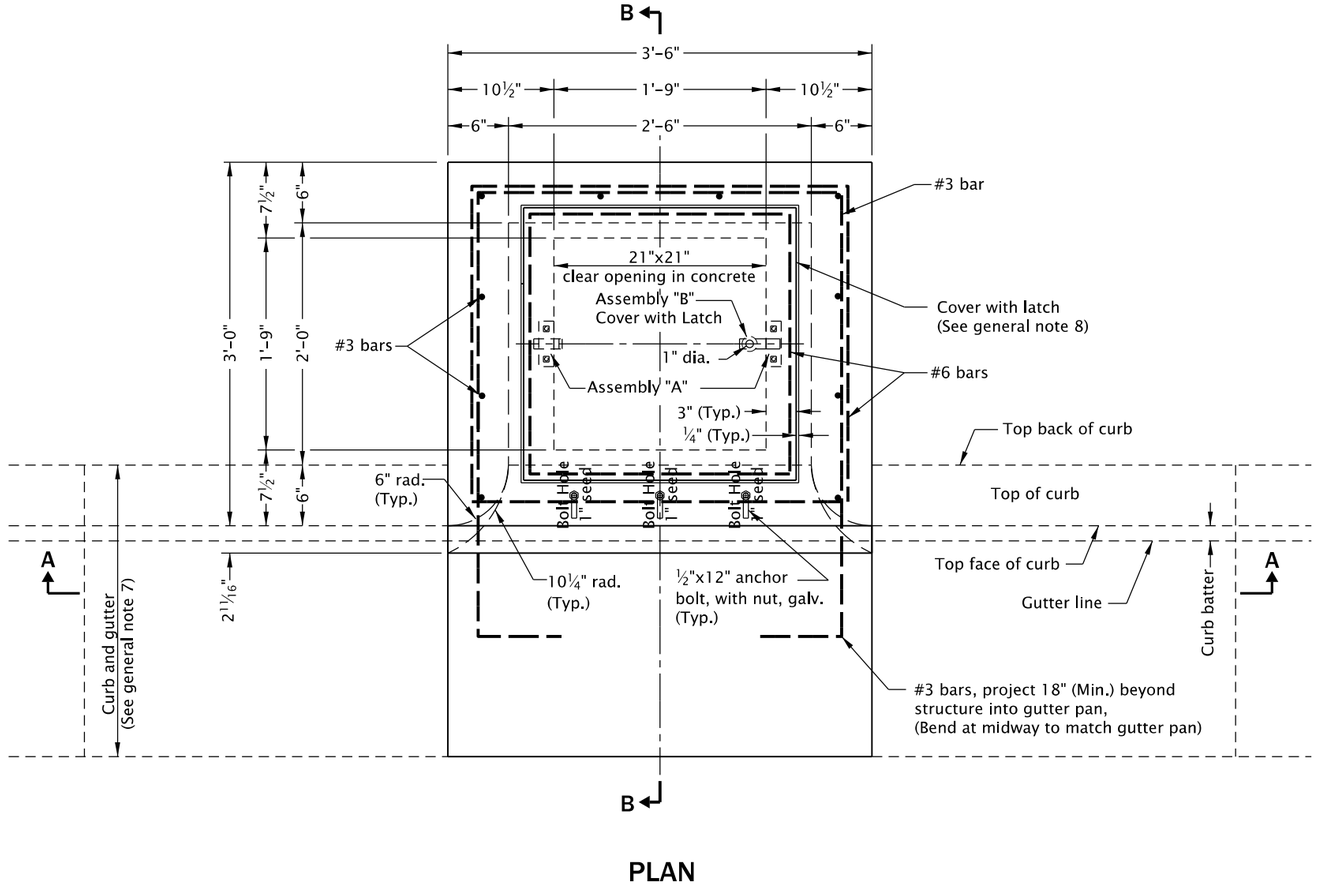
RD372



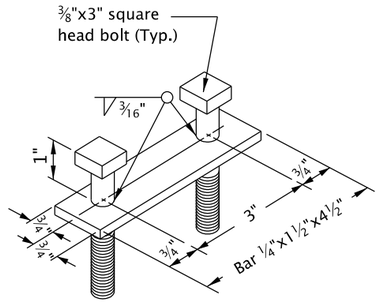
SECTION A - A



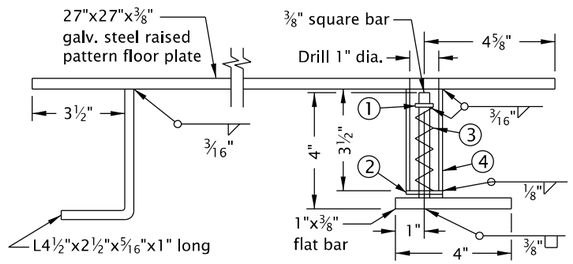
SECTION B - B



PLAN



ASSEMBLY "A"

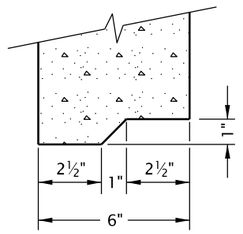


ASSEMBLY "B"
COVER WITH LATCH

1. Washer used as spring stop. Weld washer to ⅜" square bar, ⅜" from end.
2. 1¼" dia. washer used as a tube plug. Weld to tubing.
3. 90 lb comp. spring.
4. 1¼"x0.125 tubing.

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. All concrete shall be commercial grade concrete.
2. Inlet top may be cast-in-place or precast. All precast inlets shall conform to requirements of ASTM C913.
3. All reinforcement shall be 2" clear of nearest face of conc., unless otherwise shown.
4. Vary anchor bolt length and reinforcing bar placement as required by curb exposure E (see note 7 below).
5. See Std. Dwg. RD371 for inlet base details.
6. See Std. Dwg. RD371 for inlet pay limit.
7. See Std. Dwgs. RD700 & RD701 for curb and gutter details.
8. Provide cover with latch per Assembly A & Assembly B, hot dip galvanize after fabrication. Mount cover with latch flush with finish grade, in ⅜" deep concrete recess, with ¼" horizontal clearance on all sides.



KEYWAY DETAIL

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

CALC. BOOK NO. N/A

SDR DATE 16-JAN-2019

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

OREGON STANDARD DRAWINGS

CONCRETE INLET TOP, OPTION 2 TYPE CG-3

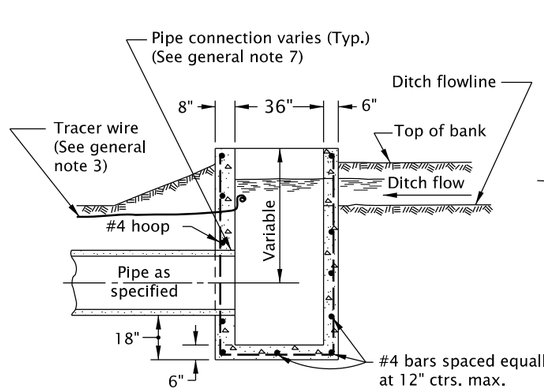
2021

DATE	REVISION DESCRIPTION

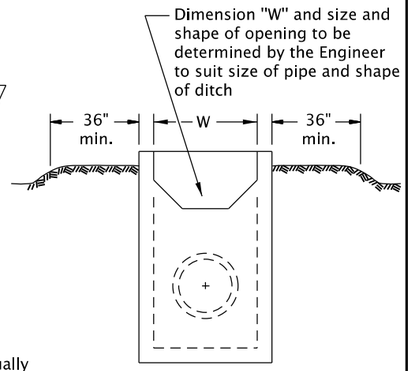
rd373.dgn 20-JUL-2020

RD373

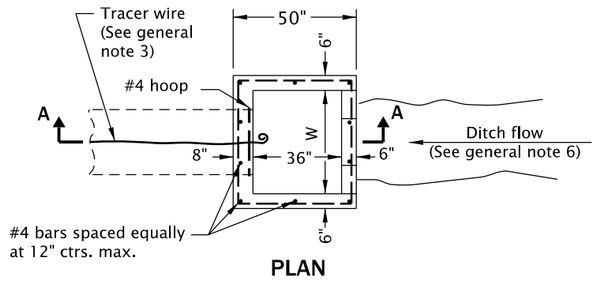
Effective Date: December 1, 2021 - May 31, 2022



SECTION A-A



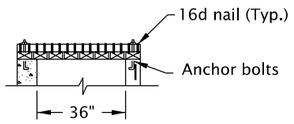
END VIEW



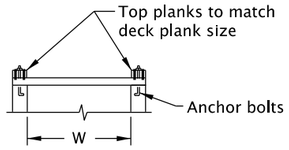
PLAN

NOTE:
All reinforcement to be #4 bars at 12" ctrs. max.

SIPHON BOX

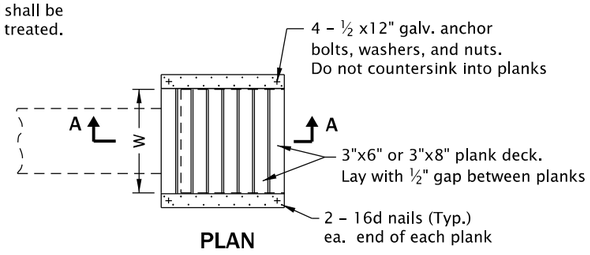


SECTION A-A



END VIEW

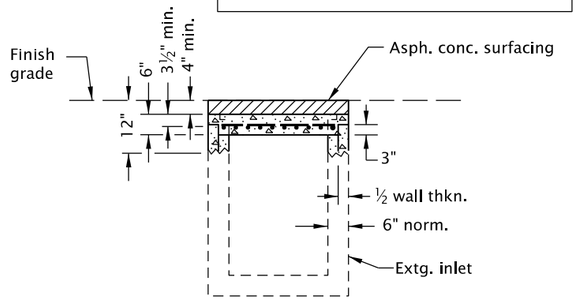
NOTE:
All wood shall be pressure treated.



PLAN

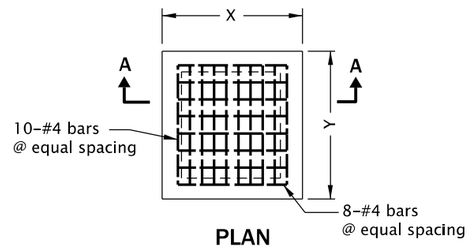
SIPHON BOX COVER
SIPHON BOX AND COVER

NOTE:
X & Y dimensions to be determined by field measurements.



SECTION A-A

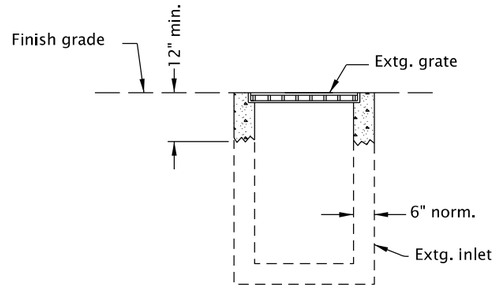
Place bars in concrete inlet cap 1½" min. clear of bottom face of concrete and 3½" min. clear of top face of concrete.



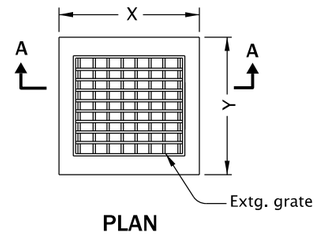
PLAN

CONCRETE INLET CAP

NOTE:
X & Y dimensions to be determined by field measurements.



SECTION A-A



PLAN

ADJUST EXISTING INLET
(For details not shown, see Std. Dwg. RD366)

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. All reinforcement to be placed a minimum of 2" clear of nearest face of concrete unless otherwise shown or noted.
2. If metal frame and grate is reqd. conform to details for Type 1grate. Size frame and grate to match dimensions of siphon box used, see Std. Dwg. RD364.
3. See Std. Dwg. RD336 for tracer wire details.
4. Max. pipe diameter varies with pipe material.
5. All precast products shall conform to requirements of ASTM C913.
6. Alignment of ditch, siphon box, and pipe varies, see project plans.
7. See Std. Dwg. RD339 for pipe to structure connections.

CALC. BOOK NO. N/A

SDR DATE 14-JUL-2014

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS
MISCELLANEOUS
DRAINAGE STRUCTURES
SIPHON BOX, INLET CAP &
INLET ADJUSTMENT
2021

DATE	REVISION DESCRIPTION

rd376.dgn 20-JUL-2020

RD376

rd386.dgn 20-JUL-2020

ALLOWABLE FILL HEIGHTS FOR CIRCULAR CONCRETE PIPE

HS 25 - 44 LIVE LOAD

PIPE DIAMETER (INCHES)	REINFORCED PIPE					
	CLASS III		CLASS IV		CLASS V	
	MINIMUM COVER (Feet)	MAXIMUM COVER (Feet)	MINIMUM COVER (Feet)	MAXIMUM COVER (Feet)	MINIMUM COVER (Feet)	MAXIMUM COVER (Feet)
15	1.5	18	1.0	27	0.5	42
18	1.5	18	1.0	27	0.5	42
21	1.5	17	1.0	27	0.5	42
24	1.5	17	1.0	27	0.5	42
27	1.5	17	1.0	27	0.5	41
30	1.5	17	1.0	27	0.5	41
33	1.5	17	1.0	27	0.5	41
36	1.5	17	1.0	26	0.5	41
42	1.5	17	1.0	26	0.5	41
48	1.5	16	1.0	26	0.5	41
54	1.5	16	1.0	26		
60	1.5	16	1.0	26		
66	1.5	16	1.0	26		
72	1.5	16	1.0	25		

GENERAL NOTES FOR ALL TABLES ON THIS SHEET:

1. Maximum height of cover is greatest vertical distance from top of pipe to finish grade.
2. Minimum height of cover is least vertical distance from top of pipe to subgrade.
3. For ODOT, pipes with diameters greater than 72" must be reviewed by the Geo-Environmental Section.
4. For ODOT, pipes with maximum cover greater than those shown in the Tables shall be approved by the Senior Standards Engineer.
5. For multiple pipe installations, see Std. Dwg. RD300.
6. Open ends of pipes normally require a site specific design, and may require special treatment (Sloped ends, culvert embankment protection, paved end slopes, safety end sections, or other measures).
   See special details or Standard Drawings as called for on plans.

CALC. BOOK NO. RD07-02

SDR DATE 16-JAN-2019

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

FILL HEIGHT TABLE FOR CIRCULAR CONCRETE PIPE

2021

DATE	REVISION DESCRIPTION

RD386

PIPE	SOLID WALL PVC		
DIAMETER (Inches)	MINIMUM COVER (Feet)	MAXIMUM COVER (Feet)	REMARKS
4	2.0	40	ASTM D 3034 SDR35 (46 psi stiffness)
6	2.0	40	
8	2.0	40	
10	2.0	40	
12	2.0	40	
15	2.0	40	
18	2.0	40	ASTM F 679 (46 psi stiffness)
21	2.0	40	
24	2.0	40	
27	2.0	40	
30	2.0	40	
33	2.0	40	
36	2.0	40	
42	2.0	40	
48	2.0	40	

PIPE	PROFILE WALL PVC		
DIAMETER (Inches)	MINIMUM COVER (Feet)	MAXIMUM COVER (Feet)	REMARKS
4	2.0	40	ASTM F 794 Series 46 (46 psi stiffness)
6	2.0	40	
8	2.0	40	
10	2.0	40	
12	2.0	40	
15	2.0	40	
18	2.0	40	
21	2.0	40	
24	2.0	40	
27	2.0	40	
30	2.0	40	
33	2.0	40	
36	2.0	40	
39	2.0	40	
42	2.0	40	
45	2.0	40	
48	2.0	40	

GENERAL NOTES FOR ALL TABLES ON THIS SHEET:

1. Maximum height of cover is greatest vertical distance from top of pipe to finish grade.
2. Minimum height of cover is least vertical distance from top of pipe to subgrade.
3. For ODOT, pipes with maximum cover greater than those shown in the Tables shall be approved by the Senior Standards Engineer.
4. For multiple pipe installations, see Std. Dwg. RD300.
5. Open ends of pipes normally require a site specific design, and may require special treatment (Sloped ends, culvert embankment protection, paved end slopes, safety end sections, or other measures). See special details or Standard Drawings as called for on plans.

PIPE	SOLID WALL PVC		
DIAMETER (Inches)	MINIMUM COVER (Feet)	MAXIMUM COVER (Feet)	REMARKS
14	2.0	41	AWWA C905 DR 32.5 (57 psi stiffness)
16	2.0	41	
18	2.0	41	
20	2.0	41	
24	2.0	41	
30	2.0	41	
36	2.0	41	
42	2.0	41	
48	2.0	41	

PIPE	SOLID WALL PVC		
DIAMETER (Inches)	MINIMUM COVER (Feet)	MAXIMUM COVER (Feet)	REMARKS
14	1.0	46	AWWA C905 DR 26 (115 psi stiffness)
16	1.0	46	
18	1.0	46	
20	1.0	46	
24	1.0	46	
30	1.0	46	
36	1.0	46	

PIPE	SOLID WALL PVC		
DIAMETER (Inches)	MINIMUM COVER (Feet)	MAXIMUM COVER (Feet)	REMARKS
14	1.0	48	AWWA C905 DR 25 (129 psi stiffness)
16	1.0	48	
18	1.0	48	
20	1.0	48	
24	1.0	48	
30	1.0	48	
36	1.0	48	
42	1.0	48	
48	1.0	48	

PIPE	SOLID WALL PVC		
DIAMETER (Inches)	MINIMUM COVER (Feet)	MAXIMUM COVER (Feet)	REMARKS
14	1.0	61	AWWA C905 DR 21 (224 psi stiffness)
16	1.0	61	
18	1.0	61	
20	1.0	61	
24	1.0	61	
30	1.0	61	
36	1.0	61	

PIPE	SOLID WALL PVC		
DIAMETER (Inches)	MINIMUM COVER (Feet)	MAXIMUM COVER (Feet)	REMARKS
4	1.0	48	AWWA C900 DR 25 (129 psi stiffness)
6	1.0	48	
8	1.0	48	
10	1.0	48	
12	1.0	48	

PIPE	SOLID WALL PVC		
DIAMETER (Inches)	MINIMUM COVER (Feet)	MAXIMUM COVER (Feet)	REMARKS
4	1.0	69	AWWA C900 DR 18 (364 psi stiffness)
6	1.0	69	
8	1.0	69	
10	1.0	69	
12	1.0	69	

PIPE	SOLID WALL PVC		
DIAMETER (Inches)	MINIMUM COVER (Feet)	MAXIMUM COVER (Feet)	REMARKS
4	1.0	109	AWWA C900 DR 14 (814 psi stiffness)
6	1.0	109	
8	1.0	109	
10	1.0	109	
12	1.0	109	

CALC. BOOK NO. RD11-02

SDR DATE 13-JUN-2011

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

FILL HEIGHT TABLES FOR PVC PIPE

2021

DATE	REVISION DESCRIPTION

rd388.dgn 20-JUL-2020

RD388

PIPE	CORRUGATED HDPE	
DIAMETER (Inches)	MINIMUM COVER (Feet)	MAXIMUM COVER (Feet)
12	2.0	29
15	2.0	30
18	2.0	27
24	2.0	24
30	2.0	21
36	2.0	23
42	2.0	22
48	2.0	22
60	2.5	21

GENERAL NOTES FOR ALL TABLES ON THIS SHEET:

1. Maximum height of cover is greatest vertical distance from top of pipe to finish grade.
2. Minimum height of cover is least vertical distance from top of pipe to subgrade.
3. For ODOT, pipes with maximum cover greater than those shown in the Tables shall be approved by the Senior Standards Engineer.
4. For multiple pipe installations, see Std. Dwg. RD300.
5. Heavy solid line denotes boundary between minimum cover requirements.
6. Open ends of pipes normally require a site specific design, and may require special treatment (sloped ends, culvert embankment protection, paved end slopes, safety end sections, or other measures).
   See special details or Standard Drawings as called for on plans.

CALC. BOOK NO. RD07-02

SDR DATE 13-JUL-2011

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

FILL HEIGHT TABLE FOR CORRUGATED HDPE PIPE

2021

DATE	REVISION DESCRIPTION

rd390.dgn 20-JUL-2020

RD390

PIPE	DUAL WALL POLYPROPYLENE		
DIAMETER (Inches)	MINIMUM COVER (Feet)	MAXIMUM COVER (Feet)	REMARKS
12	1.0	28	ASTM F 2736 & AASHTO M330
15	1.0	30	
18	1.0	26	
24	1.0	22	
30	1.0	22	
36	1.0	22	AASHTO M330
42	1.0	22	
48	1.0	21	
60	1.0	23	

PIPE	TRIPLE WALL POLYPROPYLENE		
DIAMETER (Inches)	MINIMUM COVER (Feet)	MAXIMUM COVER (Feet)	REMARKS
30	1.0	22	ASTM F 2764
36	1.0	19	
48	1.0	16	
60	2.0	22	

GENERAL NOTES FOR ALL TABLES ON THIS SHEET:

1. Maximum height of cover is greatest vertical distance from top of pipe to finish grade.
2. Minimum height of cover is least vertical distance from top of pipe to subgrade.
3. For ODOT, pipes with maximum cover greater than those shown in the Tables shall be approved by the Senior Standards Engineer.
4. For multiple pipe installations, see Std. Dwg. RD300.
5. Heavy solid line denotes boundary between minimum cover requirements.
6. Open ends of pipes normally require a site specific design, and may require special treatment (sloped ends, culvert embankment protection, paved end slopes, safety end sections, or other measures).
   See special details or Standard Drawings as called for on plans.

CALC. BOOK NO. RD11-01

SDR DATE 21-JUL-2015

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

FILL HEIGHT TABLES FOR POLYPROPYLENE PIPE

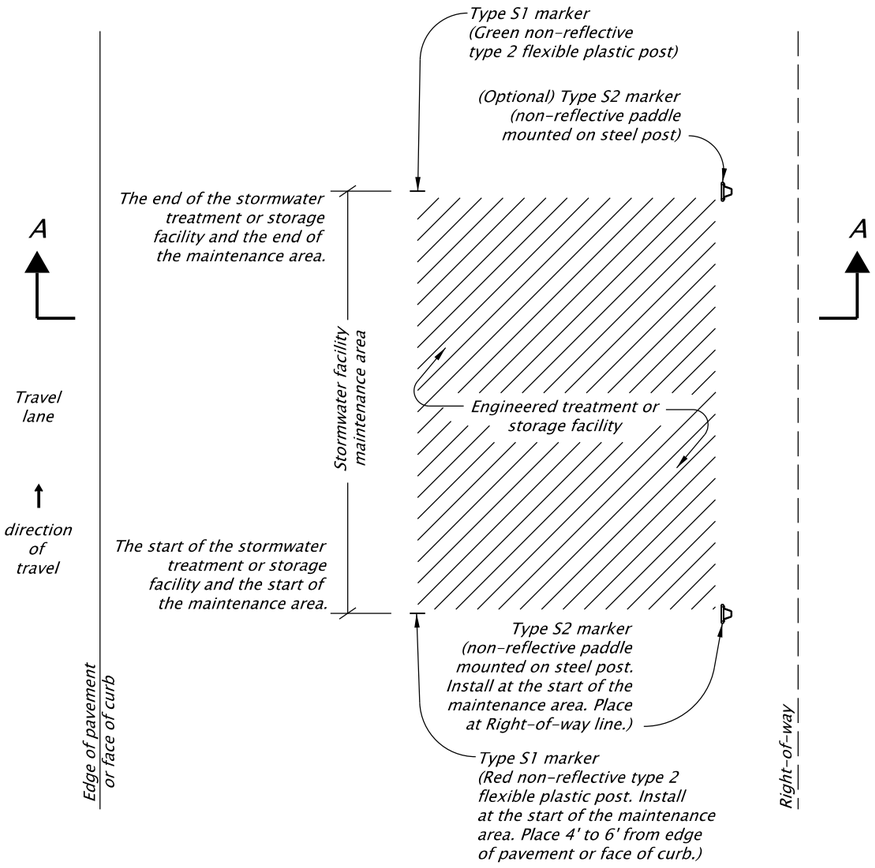
2021

DATE	REVISION DESCRIPTION

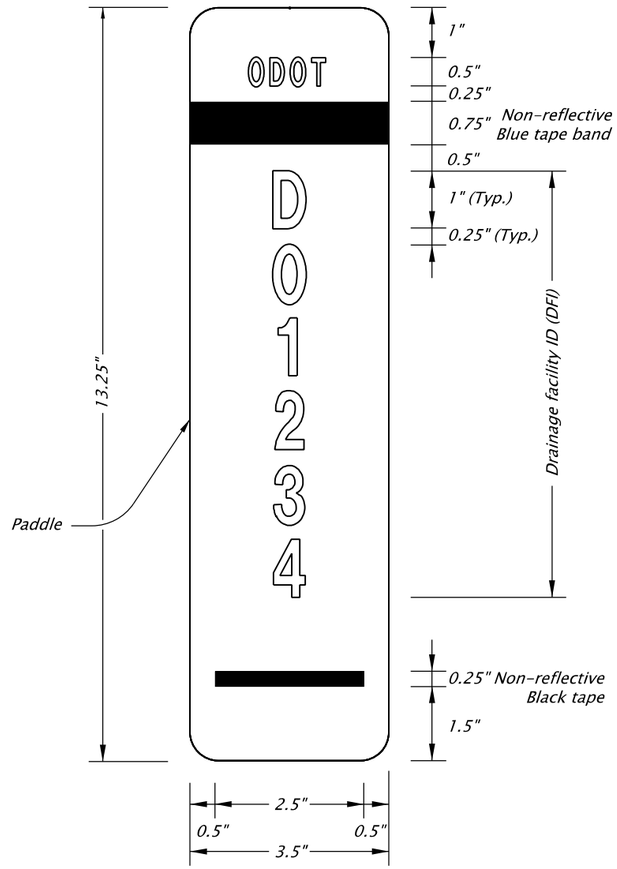
RD393

rd393.dgn 20-JUL-2020

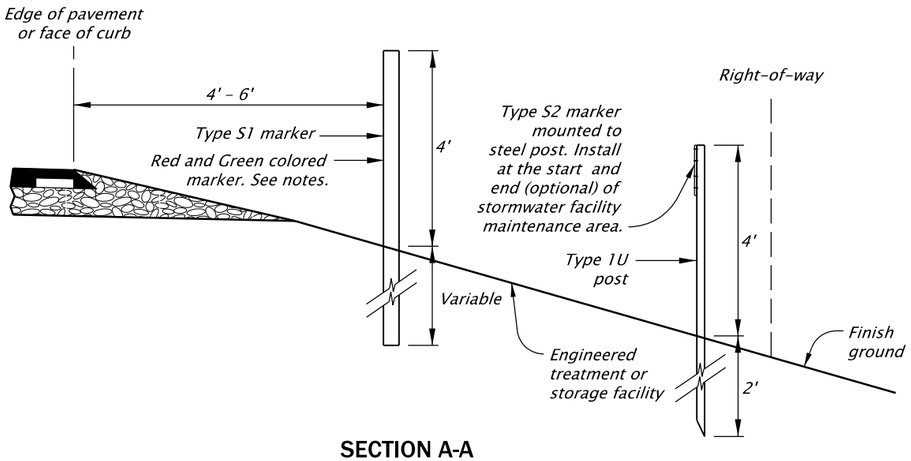
rd399.dgn 07-01-2020



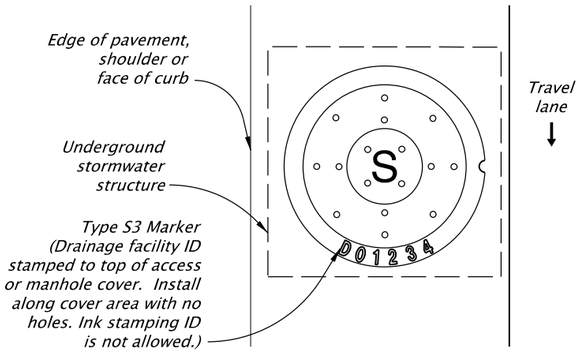
TYPE S1 & S2 MARKERS INSTALLATION DETAIL



TYPE S2 MARKER



SECTION A-A



TYPE S3 MARKER INSTALLATION DETAIL

NOTES:

Stormwater Facility Field Marker Type S1:

1. *See Standard Drawing TM570 for Type 2 flexible plastic post dimensions. Do not mount reflective sheeting to flexible plastic post.*
2. *A red Type S1 marker is used to mark the start of a stormwater facility maintenance area. A green Type S1 marker is used to mark the end of a stormwater facility maintenance area.*
3. *Place 4 to 6 feet from edge of pavement or face of curb.*
4. *See marker table for installation locations.*

Stormwater Facility Field Marker Type S2:

1. *Paddle:*
   - *Aluminum sheet, nominal thickness 0.050"*
   - *White non-reflective background*
   - *Mount paddle to one (1) Type 1U steel post using $^{3}/_{16}$" diameter aluminum blind rivets and washers. See Standard Drawing TM570 detail labeled "Steel Posts" for mounting a traffic target. Install paddle onto Type 1U steel post using the same hole pattern.*
   - *Text and numbers are Type C font in non-reflectorized black*
   - *Band is non-reflective blue tape*
   - *Do not mount paddle to other highway signing posts*
   - *Install paddle parallel to travel lane*
   - *Prepare paddle for each "DFI" noted in the marker table*
2. *Steel Posts:*
   - *See Standard Drawing TM571 for Type 1U steel post dimensions*

Stormwater Facility Field Marker Type S3:

1. *The top of access or manhole cover shall be stamped with the drainage facility ID. Ink stamping ID is not allowed.*

CALC. BOOK NO. N/A

SDR DATE 01-July-2020

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

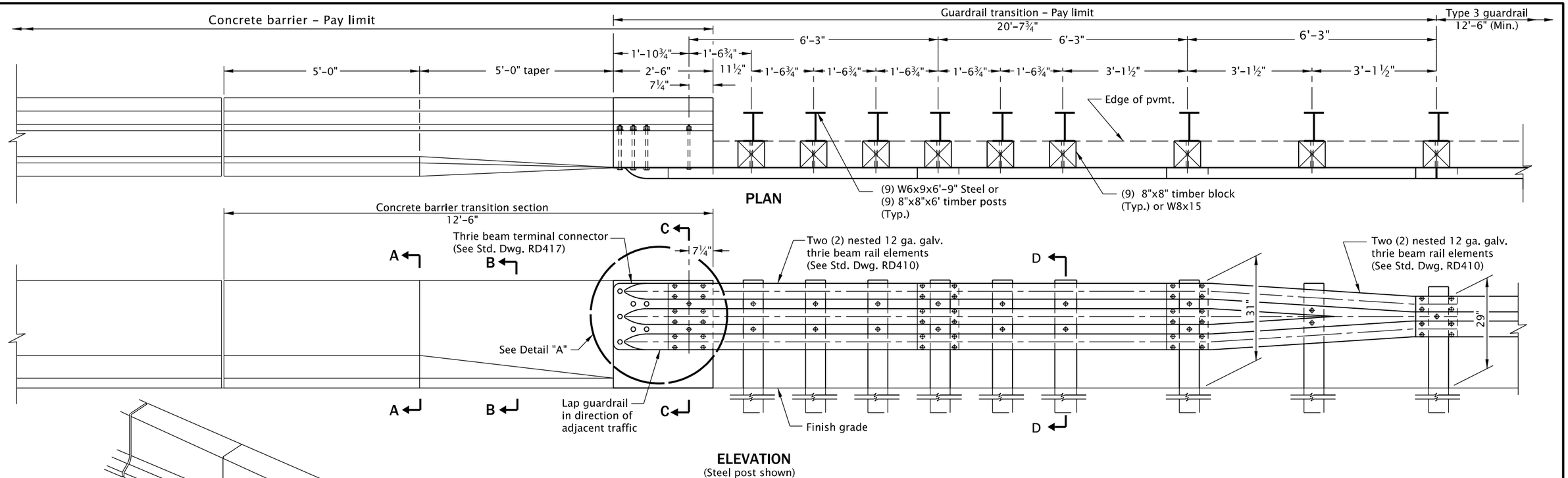
STORMWATER TREATMENT AND STORAGE FACILITY FIELD MARKERS

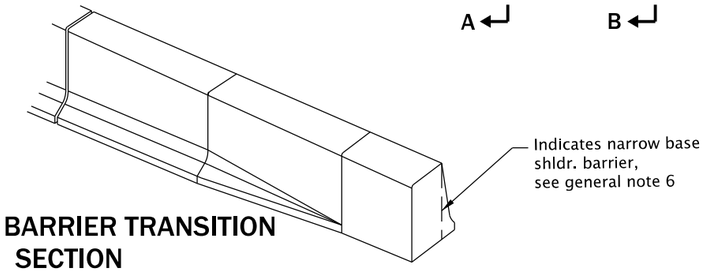
2021

DATE	REVISION DESCRIPTION

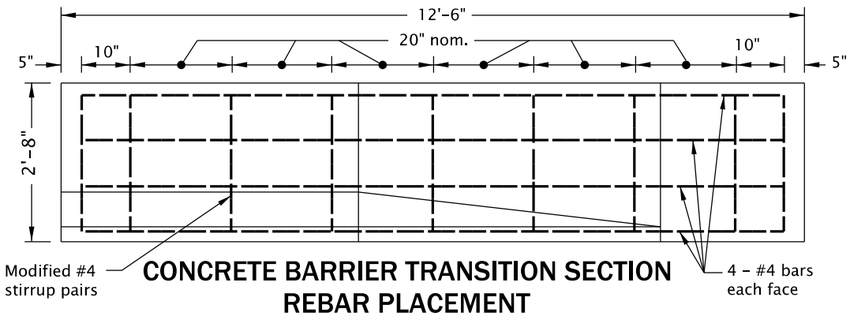
RD399

Effective Date: December 1, 2021 - May 31, 2022

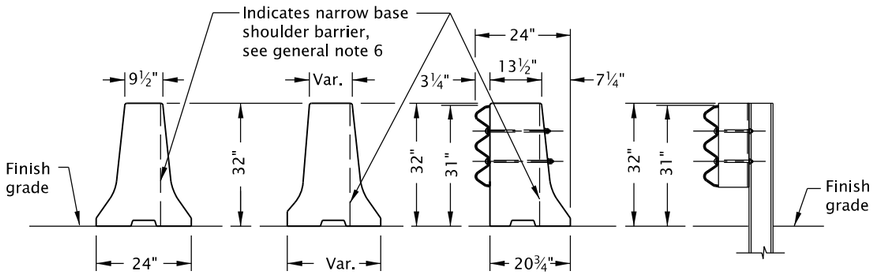




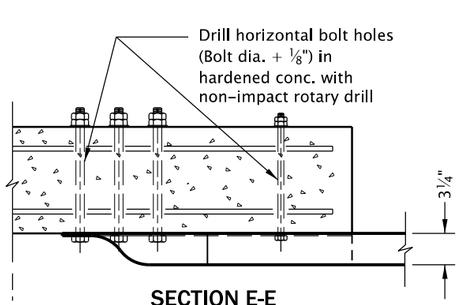
CONCRETE BARRIER TRANSITION SECTION



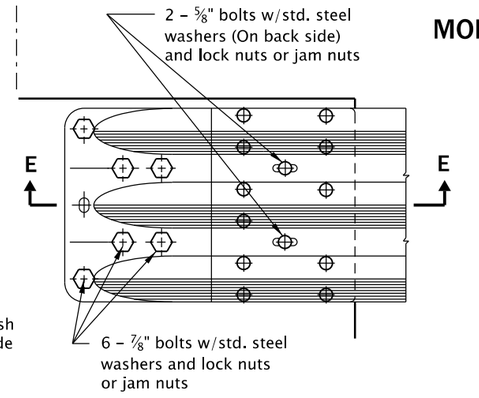
CONCRETE BARRIER TRANSITION SECTION
REBAR PLACEMENT



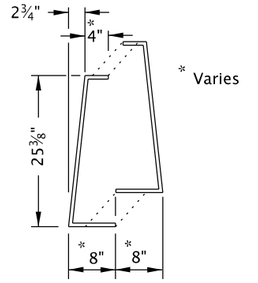
SECTION A-A SECTION B-B SECTION C-C SECTION D-D



SECTION E-E

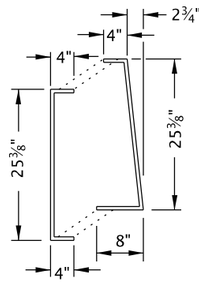


DETAIL "A"



SECTION B-B
#4 Rebar

MODIFIED STIRRUP PAIR



SECTION C-C
#4 Rebar

MODIFIED STIRRUP PAIR

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. All reinforcing bars shall be full length as shown and shall be 2" clear of the nearest face of concrete unless shown otherwise.
2. See Std. Dwgs. RD400, RD405, RD410, RD415, RD417, RD500, RD505 & BR203, for details not shown.
3. For trailing end guardrail connection see Std. Dwg. BR236, Detail A.
4. If trench method is used to install posts, ensure compaction according to 00810.41, 2nd paragraph.
5. See Std. Dwg. RD516 for securing concrete barrier to roadway.
6. Narrow base shoulder barrier to be used only at locations with backfill behind barrier as shown on plans.
7. All pins, bolts, dowels, loop bars, and connectors shall be hot-dip galvanized after fabrication.

CALC. BOOK NO. N/A

SDR DATE 13-JAN-2020

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

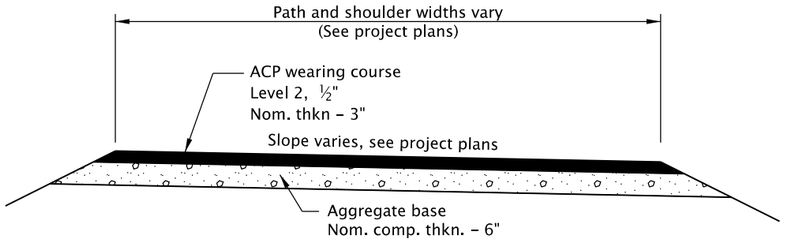
GUARDRAIL TRANSITION TO CONCRETE BARRIER

2021

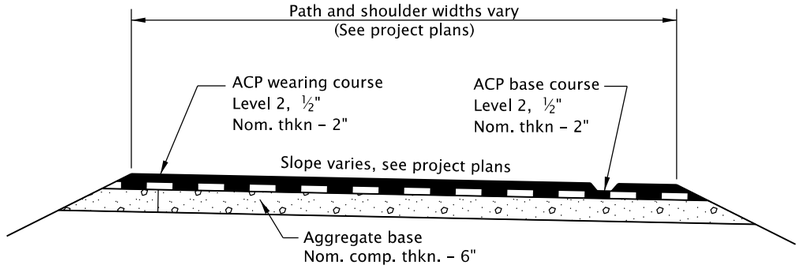
DATE	REVISION DESCRIPTION

rd530.dgn 20-JUL-2020

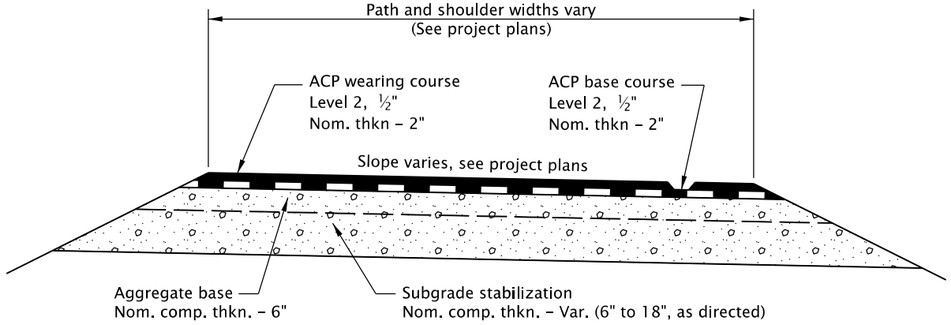
RD530



INACCESSIBLE TO MAINTENANCE VEHICLES



ACCESSIBLE TO MAINTENANCE VEHICLES



ACCESSIBLE TO MAINTENANCE VEHICLES

(For use with soft subgrade)

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. See project plans for details not shown.
2. Where constructed as part of a State Highway, such as widened shoulder, the path must be part of a formal pavement design and a minimum of 2' outside the travel lane.

CALC. BOOK NO. N/A

SDR DATE 25-JUL-2017

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

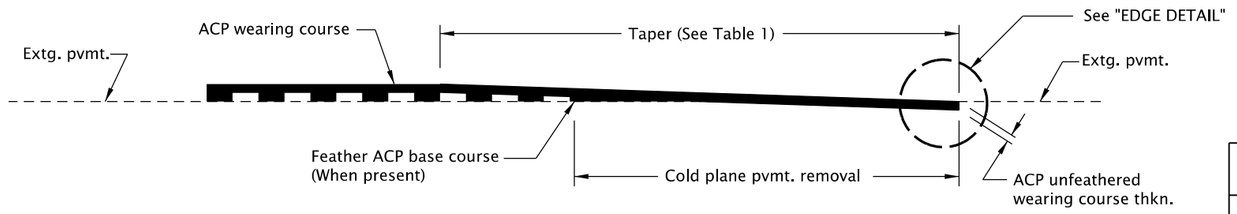
SHARED USE PATH PAVEMENT DETAILS

2021

DATE	REVISION DESCRIPTION

rd602.dgn 20-JUL-2020

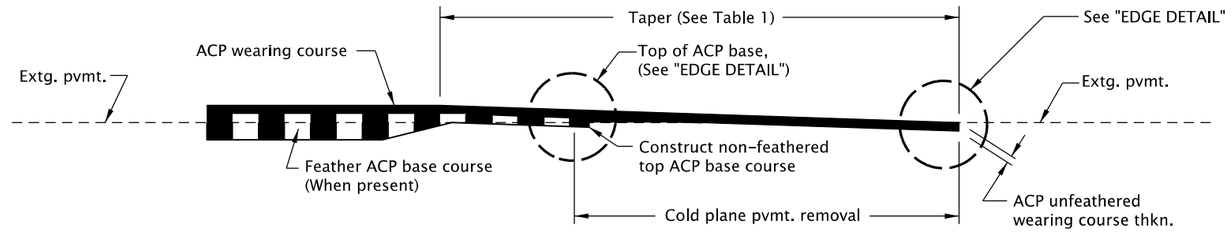
RD602



METHOD A *

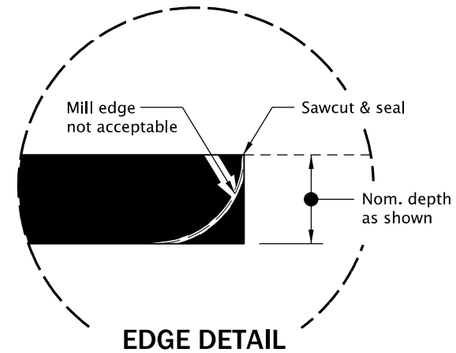
* See project plans for method.

TABLE 1	
TAPER LENGTHS	
Posted Speed	Taper Length
< 45 mph	1" per 50'
≥ 45 mph	1" per 100'

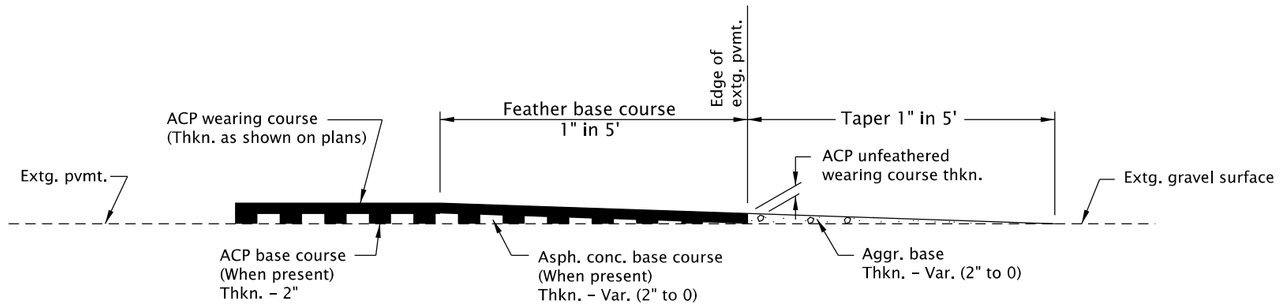


METHOD B *

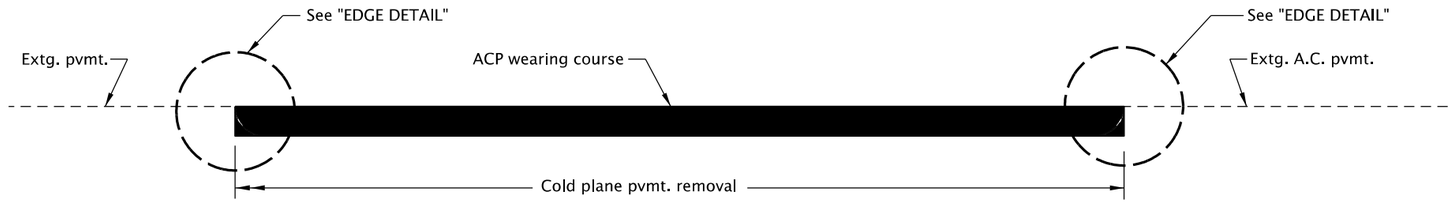
ACP PAVEMENT MATCH AT PROJECT ENDS OR BRIDGE ENDS WHEN NOT OVERLAYING THE BRIDGE



EDGE DETAIL



METHOD OF FEATHERING ACP PAVEMENT AT GRAVEL APPROACHES



METHOD OF MATCHING EXTG. ACP INLAY SURFACING

(Inlay to extg. asphalt conc. pvmt.)

CALC. BOOK NO. N/A

SDR DATE 25-JUL-2017

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

ASPHALT CONCRETE PAVEMENT (ACP) DETAILS

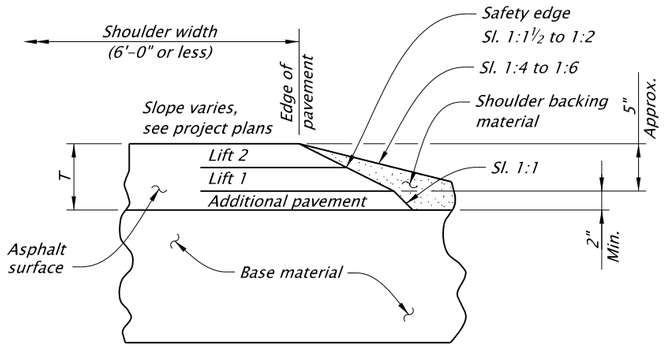
2021

DATE	REVISION DESCRIPTION

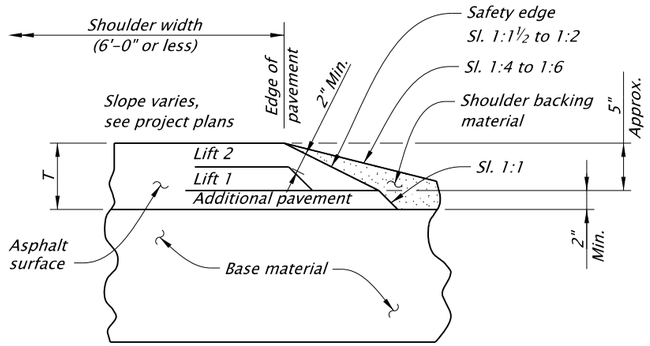
rd610.dgn 20-JUL-2020

RD610

rd615.dgn 19-JUL-2021

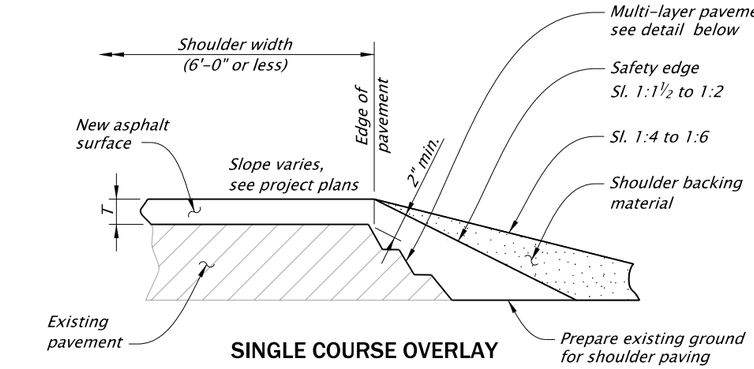


SAFETY EDGE PLACED WITH LIFTS

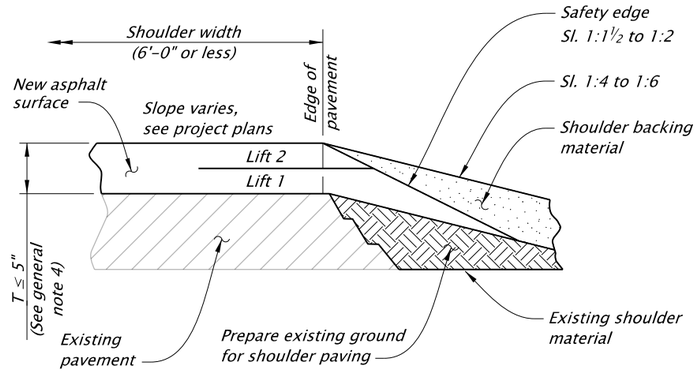


SAFETY EDGE PLACED ONLY WITH FINAL LIFT

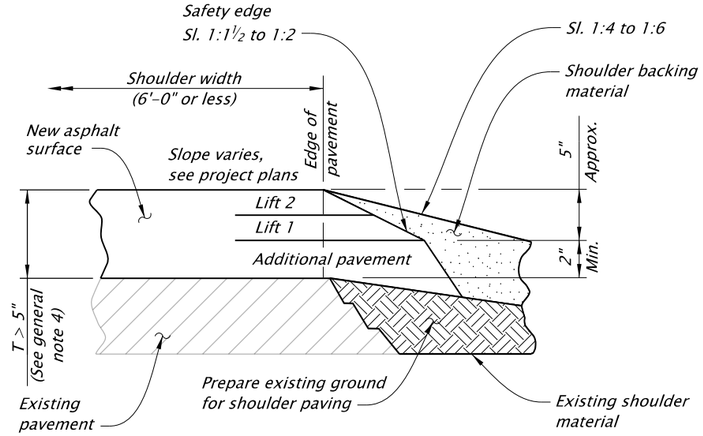
SAFETEY EDGE FOR ASPHALT CONCRETE (NEW CONSTRUCTION)



SINGLE COURSE OVERLAY

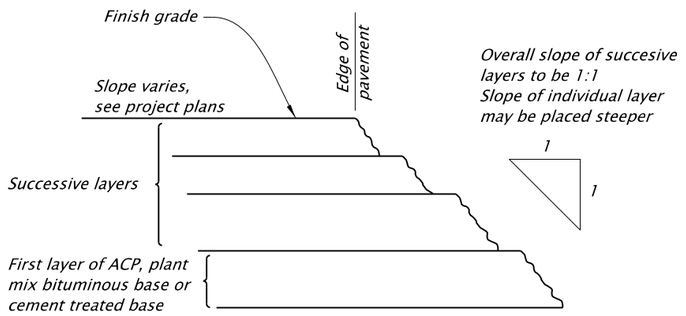


PAVEMENT THICKNESS (T) 5" OR LESS

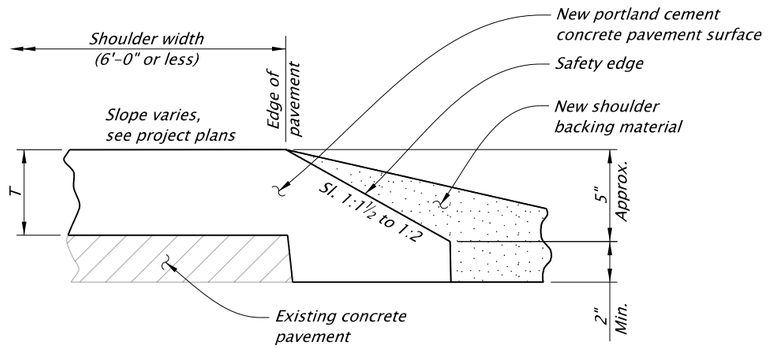


PAVEMENT THICKNESS (T) GREATER THAN 5"

SAFETY EDGE FOR ASPHALT CONCRETE RECONSTRUCTION (INCLUDING MILL, INLAY AND OVERLAY)



MULTI-LAYER PAVEMENT CONSTRUCTION



SAFETY EDGE FOR PORTLAND CEMENT CONCRETE PAVEMENT OVERLAY

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Safety edges are required at the outside edges of the paved roadway (edge of travel lane or edge of paved shoulders), where the wearing surface thickness is 2" or greater, except where indicated in the plans.
2. Construct the safety edge at a slope of 1:1½ to 1:2 measured from the pavement surface.
3. Do not construct safety edge at intersections, paved drives, or other obstructions.
4. For total new asphalt depth of "T"≤5", construct the safety edge to the full thickness of the surface and intermediate courses. For total new asphalt depth of "T" > 5", construct the safety edge to a depth of 5" approximately with a 1:1 sloped face below the safety edge.

CALC. BOOK NO. N/A

SDR DATE 19-JUL-2021

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

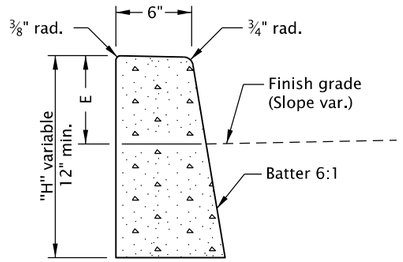
The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

SURFACE EDGE DETAILS

2021

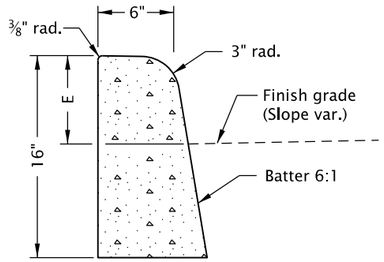
DATE	REVISION DESCRIPTION
07-2021	TITLE CHANGED, REVISED DETAILS & NOTES



O.D.O.T. & City of Portland Standard "H"=16"

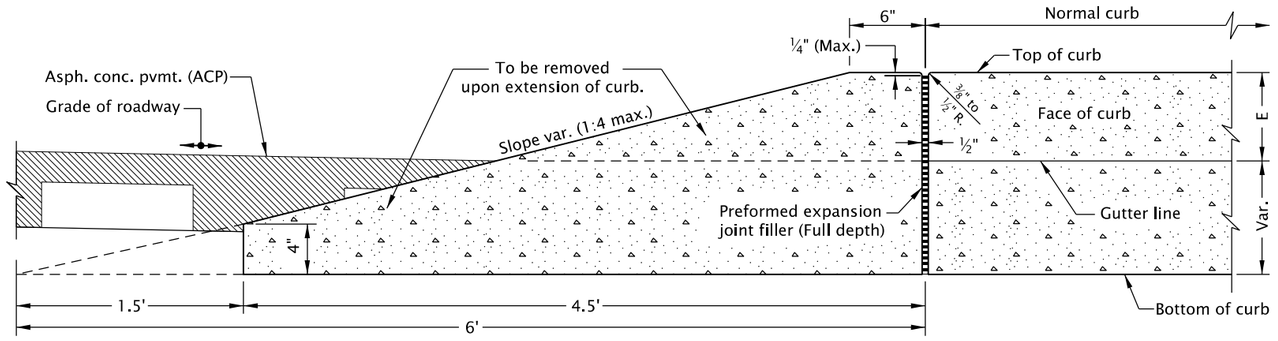
STANDARD CURB

(See general note 11)

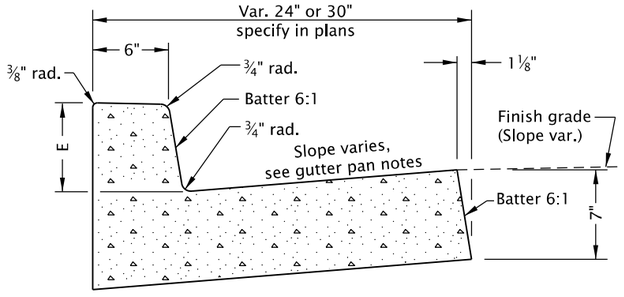


MOUNTABLE CURB

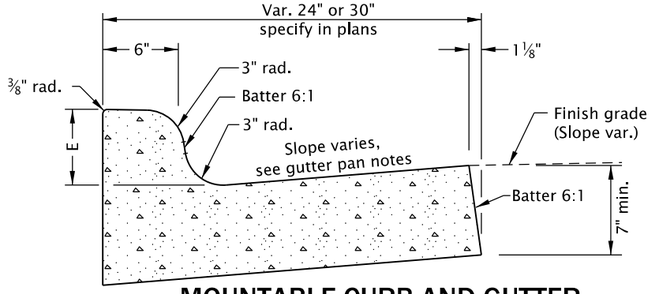
(See general note 11)



CURB ENDING DETAIL



CURB AND GUTTER



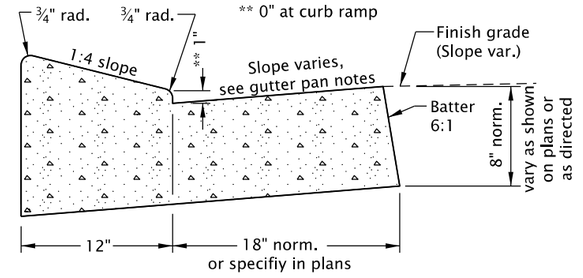
MOUNTABLE CURB AND GUTTER

GUTTER PAN NOTES:

Slope 5.0% normal.

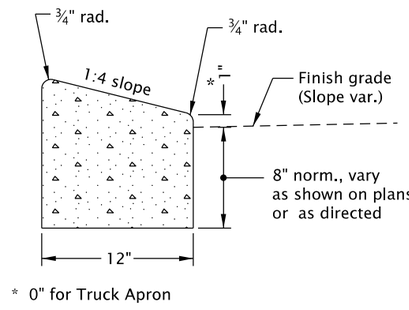
Slope 4.0% max. at curb ramps.

Vary slope as reqd. for drainage. Vary where shown on plans, and allowed by jurisdiction.



LOW PROFILE MOUNTABLE CURB AND GUTTER

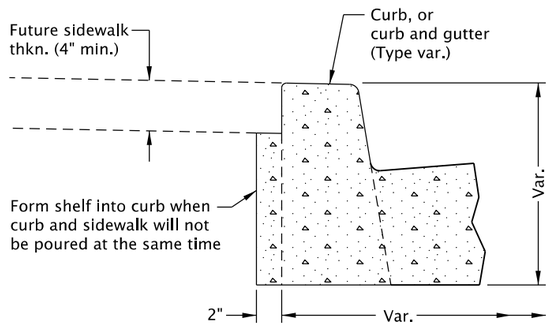
(Where shown on plans)



* 0" for Truck Apron

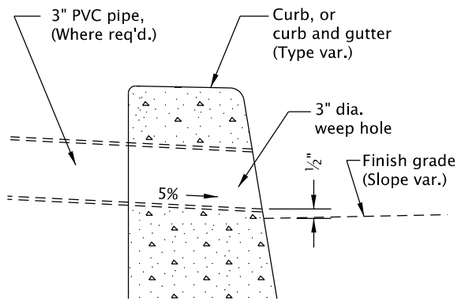
LOW PROFILE MOUNTABLE CURB

(See general note 11)



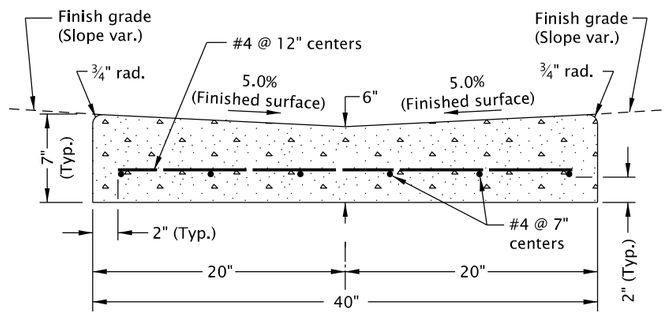
MODIFICATION FOR KEYWAY

(Where shown on plans)



WEEP HOLE DETAIL

(Where shown on plans, and allowed by jurisdiction)



VALLEY GUTTER

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Curb exposure "E" = 6" to 9", as measured vertically from flowline to highest point on curb. Vary as shown on plans or as directed. O.D.O.T standard "E"=7".
2. Const. curb expansion joints at 200' maximum spacing, and at points of tangency, and at ends of each driveways.
3. Const. curb contraction joints at 15' maximum spacing, and at ends of each inlet and curb ramp.
4. Transitions shall be used to connect curbs of different exposures "E". ("E" Is the total vertical dimension of those curb surfaces having a slope of 1:1 or steeper). Minimum desirable transition length shall be 20' for each 1" difference in "E".
5. Tops of all curbs shall slope toward the roadway at 1.5% max. (Max. 2.0% finished surface slope), unless otherwise shown, or as directed.
6. Dimensions are nominal, vary to conform with curb machine approved by the engineer.
7. Dimensions adjacent to radii are measured to the point of intersection of curb surfaces.
8. For sidewalk details, and monolithic curb & sidewalk, see Std. Dwgs. RD720 & RD721.
9. For drainage curbs, see Std. Dwg. RD701.
10. For curb ramp details, see Std. Dwgs. RD900 series.
11. On or along state highways, curb and gutter is required at curb ramp.

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

CALC. BOOK NO. N/A

SDR DATE 20-JUL-2020

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

OREGON STANDARD DRAWINGS

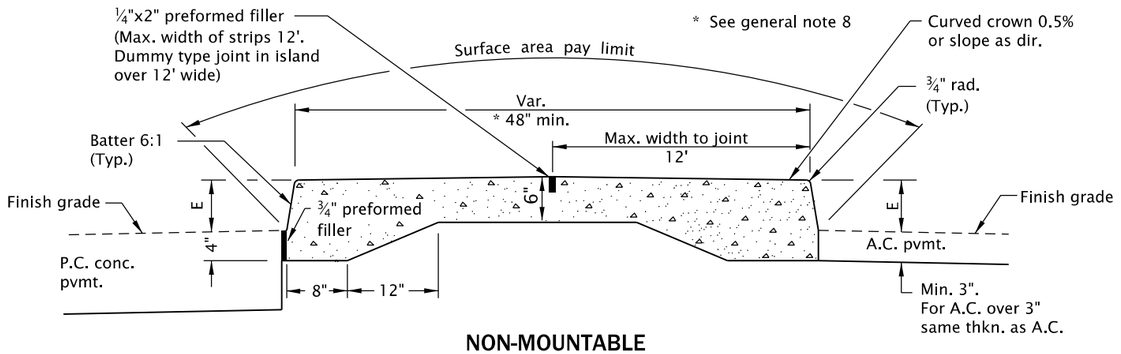
CURBS

2021

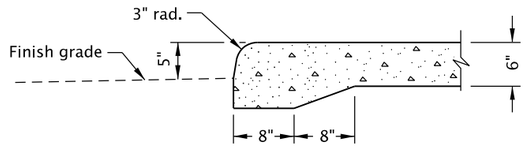
DATE	REVISION DESCRIPTION

rd700.dgn 20-JUL-2020

RD700

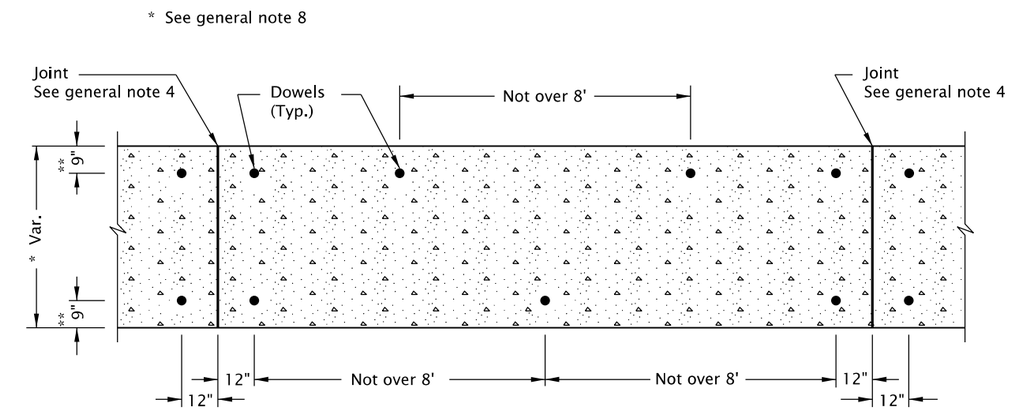


NON-MOUNTABLE



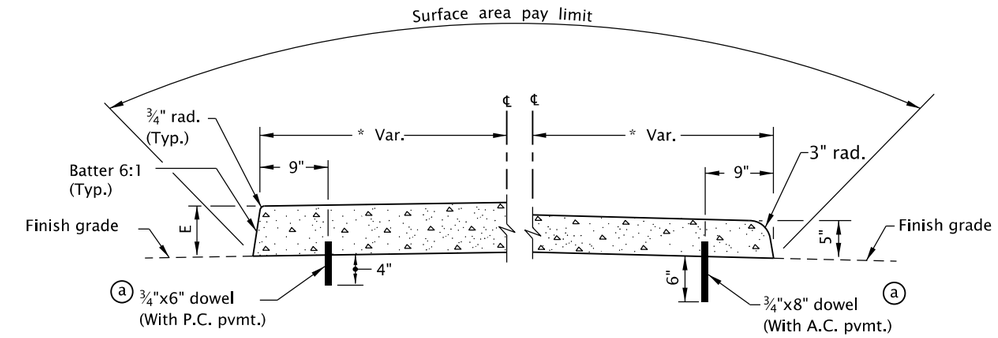
MOUNTABLE
(For surfacing details not shown, see above)

TYPE A



DOWEL PLAN
FOR TYPE C OR TYPE CA ISLANDS & TRANSITIONS
(ON SURFACE OF NEW OR EXISTING PAVEMENT)

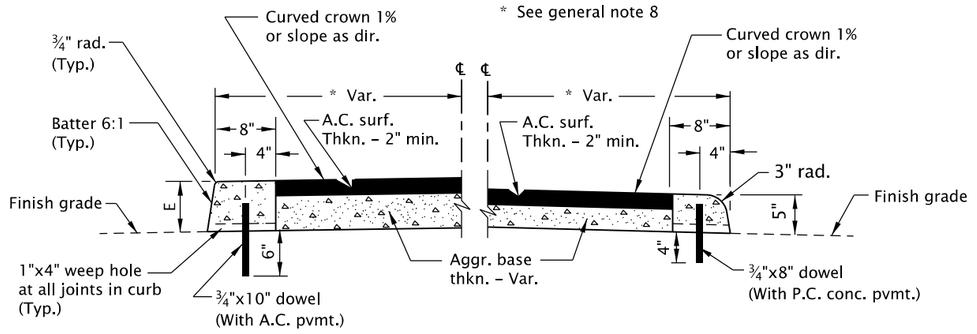
** Also see below for type CA island requirement.



NON-MOUNTABLE **MOUNTABLE**

ⓐ No dowels reqd. for Type C islands 5' wide or wider

TYPE C



NON-MOUNTABLE **MOUNTABLE**

TYPE CA

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Curb exposure "E" = 7" normal. Vary as shown on plans or as directed.
2. Standard batter is shown. Vary as shown on typical section or as directed.
3. Transverse joints in conc. islands to match joints in conc. pvmt. and to be of same type (Omit dowels in expansion joints).
4. Set joint spacing 200' max. for expansion and 15' max. for contraction.
5. Place preformed filler along one side of conc. islands in conc. pvmt. and around all curved ends.
6. Dowels shall be ¾" dia. with length as shown.
   In new conc. pvmt. set dowels before conc. hardens.
   In extg. conc. pvmt. drill holes 1½" dia. and grout dowels in.
   In A.C. pvmt. drive dowels.
7. For transitions to traffic separators, see Std. Dwg. RD706.
8. Minimum island width is 48". For accessible route islands, see Std. Dwg. RD710.

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

CALC. BOOK NO. N/A

SDR DATE 16-JUL-2018

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

OREGON STANDARD DRAWINGS

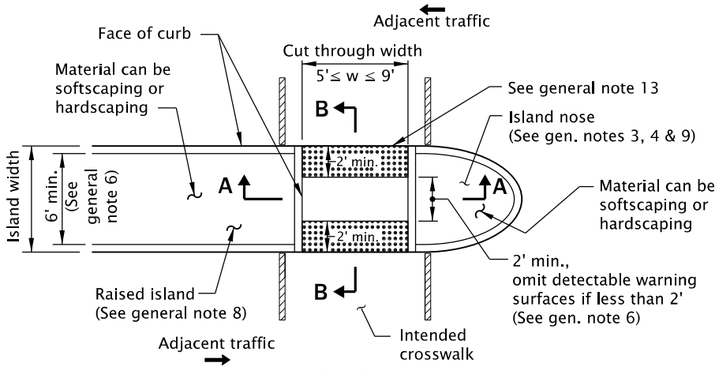
ISLANDS

2021

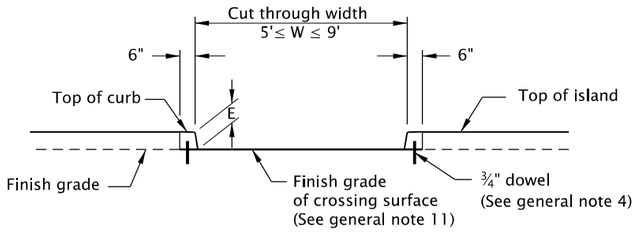
DATE	REVISION DESCRIPTION

RD705

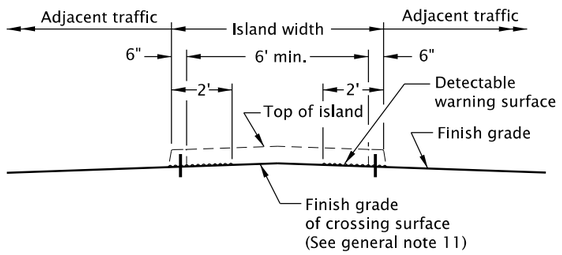
rd705.dgn 20-JUL-2020



PLAN



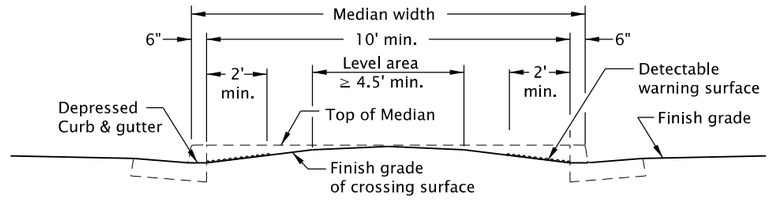
SECTION A-A



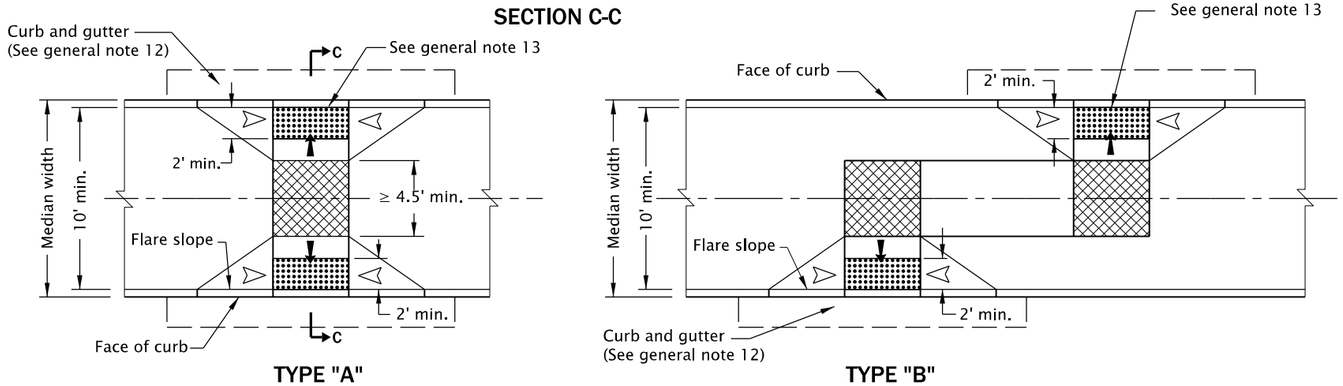
SECTION B-B

MEDIAN ISLAND CROSSING (CUT THROUGH)

(A.C. pavement shown)



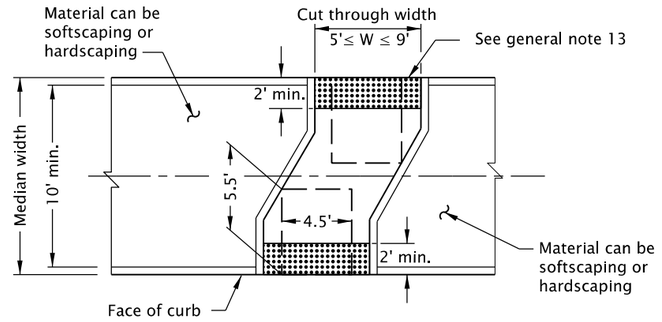
SECTION C-C



TYPE "A" TYPE "B"

MEDIAN RAISED CROSSING

(P.C. conc. surface shown)



MEDIAN CUT-THROUGH CROSSING

(Asph. conc. surface shown)

LEGEND:

- Marked or intended crossing location
- Level area (Turning space/landing) Unobstructed 4.5' x 4.5' With obstruction 4.5' x 5.5' (Longer dimension in direction of pedestrian street crossing). For the purposes of this application, a max. 2.0% finished surface slope (for drainage) is considered level.
- Detectable warning surface
- Cross slope 1.5% max. (Max. 2.0% finished surface slope)
- Running slope 7.5% max. (Max. 8.3% finished surface slope)
- Flare slope (Max. 10.0% finished surface slope)
- Zero curb exposure
- Clear space 4.5' x 5.5' (Longer dimension in direction of pedestrian street crossing)

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Accessible route islands are based on applicable ODOT Standards.
2. Place detectable warning surface at the back of curb for a minimum depth of 2 feet at curb ramp that is adjacent to traffic. For details not shown, see Std. Dwgs. RD902 through RD908.
3. The minimum area of islands that contain signal poles, pedestals, etc., shall be 75 square feet. Square feet to be measured to outer perimeter of entire island.
4. For cut through islands, dowel each island segment to the pavement with a minimum of two ¾" diameter dowels. Dowel the nose section of the raised median island with a minimum of two ¾" diameter dowels. Place dowels as directed. See Std. Dwg RD705.
5. Align curb ramps for lowered or partially lowered island and cut through island with the crosswalk.
6. Detectable warning surfaces shall be separated by a 2-foot minimum length of walkway without detectable warnings. Where no curb, the detectable warning surface shall be placed at the edge of roadway.
7. Grade breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run. Grade breaks shall not be permitted on the surface of ramp runs and turning spaces. Surface slopes that meet at grade breaks shall be flush.
8. Curb type and island width as shown on plans or as directed. Type A or Type CA islands are acceptable alternates, see Std. Dwg. RD705.
9. See project plans for details not shown. See Std. Dwg. RD707 for island nose treatment. See Std. Dwg. RD705 for expansion and contraction joint spacing. See Std. Dwgs. RD700, RD701, RD705, RD706 & RD755 for additional details. See TM Standard Drawings for signal pole, pedestrian pedestal, crosswalk markings, and related details.
10. Details intended for pedestrian route only. For multi-use path, see project plans for specific details.
11. When crossing surface grade is ≤ 5%, a level area is not required.
12. On or along state highways, curb and gutter is required at curb ramps.
13. Raised islands in crossings shall have accessible ramps at both sides or be cut through with the street.

CALC. BOOK NO. N/A

SDR DATE 19-JUL-2021

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

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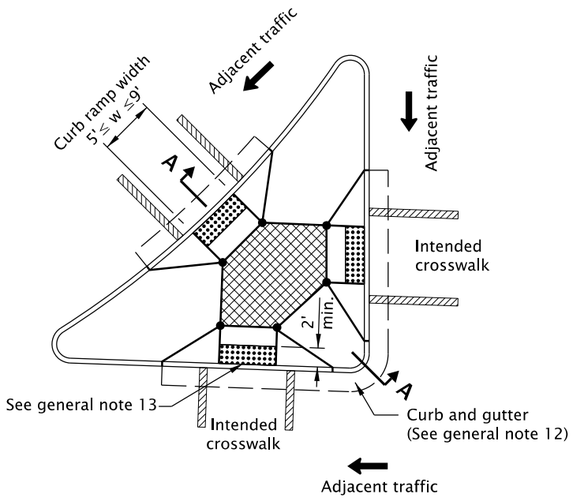
OREGON STANDARD DRAWINGS

ACCESSIBLE ROUTE ISLANDS

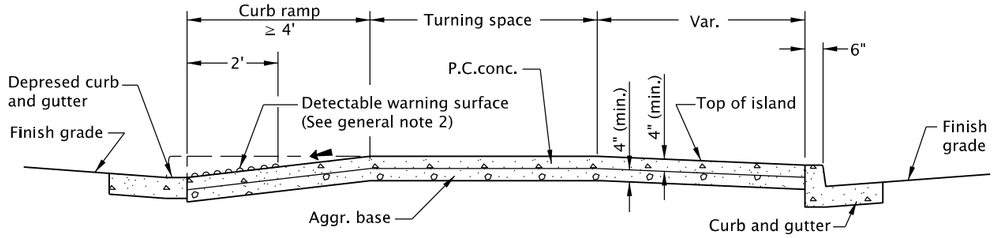
2021

DATE	REVISION DESCRIPTION
07-2021	REVISED DETAILS AND NOTES

rd710.dgn 19-JUL-2021



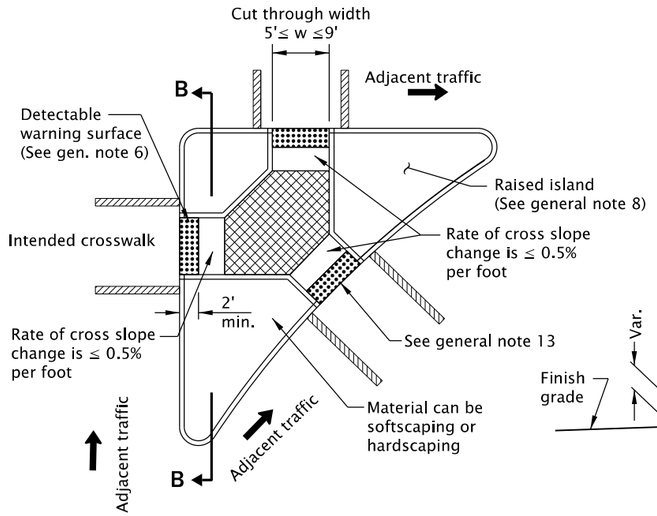
PLAN VIEW



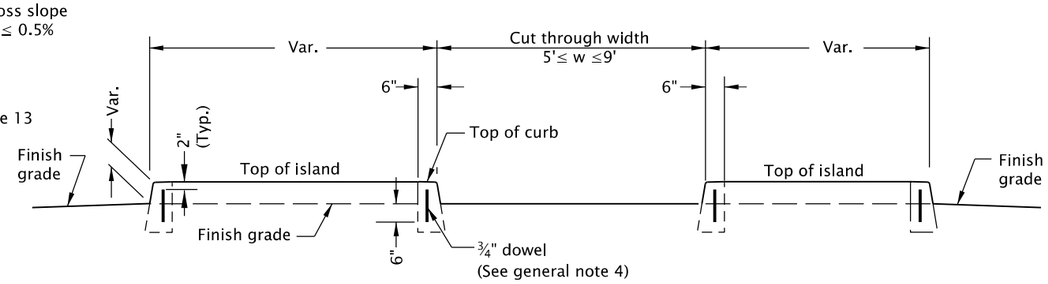
SECTION A-A

PARTIALLY LOWERED ISLAND DETAIL

(Use perpendicular curb ramp inspection form)



PLAN VIEW



SECTION B-B

CUT THROUGH ISLAND DETAIL

RAISED RIGHT TURN CHANNELIZATION ISLAND

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Accessible route islands are based on applicable ODOT Standards.
2. Place detectable warning surface at the back of curb for a minimum depth of 2' at curb ramp that is adjacent to traffic. For details not shown, see Std. Dwgs. RD902 through RD908.
3. The min. area of islands that contain signal poles, pedestals, etc., shall be 75 sq. ft. Square feet to be measured to outer perimeter of entire island.
4. For cut through islands dowel each island segment to the pvmt. with a min. of 2, 3#4" dia. dowels. Dowel the nose section of the raised median island with a minimum of 2, 3#4" dia. dowels. Place dowels as directed. See Std. Dwg RD705.
5. Align curb ramps for lowered or partially lowered island and cut through island with the crosswalk.
6. Detectable warning surfaces shall be separated by a 2.0 ft minimum length of walkway without detectable warnings. Where no curb, the detectable warning surface shall be placed at the edge of roadway.
7. Grade breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run. Grade breaks shall not be permitted on the surface of ramp runs and turning spaces. Surface slopes that meet at grade breaks shall be flush.
8. Curb type and island width as shown on plans or as directed. Type A or Type CA islands are acceptable alternates, see Std. Dwg. RD705.
9. See project plans for details not shown. See Std. Dwg. RD707 for island nose treatment. See Std. Dwg. RD705 for expansion and contraction joint spacing. See Std. Dwgs. RD700, RD701, RD705, RD706 & RD755 for additional details. See TM Standard Drawings for signal pole, pedestrian pedestal, crosswalk markings, and related details.
10. Details intended for pedestrian route only. For multi-use path, see project plans for specific details.
11. When crossing surface grade is ≤ 5%, a level area is not required.
12. On or along state highways, curb and gutter is required at curb ramps.
13. Raised islands in crossings shall have accessible ramps at both sides or be cut through with the street.

LEGEND:

- Marked or intended crossing location
- Level area (Turning space/landing)
  Unobstructed 4.5' x 4.5'
  With obstruction4.5' x 5.5' (Longer dimension in direction of pedestrian street crossing).
  For the purposes of this application, a max. 2.0% finished surface slope (for drainage) measured perpendicular in two directions is considered level.
- Detectable warning surface
- Cross slope 1.5% max. (Max. 2.0% finished surface slope)
- Running slope 7.5% max. (Max. 8.3% finished surface slope)
- Zero curb exposure

CALC. BOOK NO. N/A

SDR DATE 19-JUL-2021

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

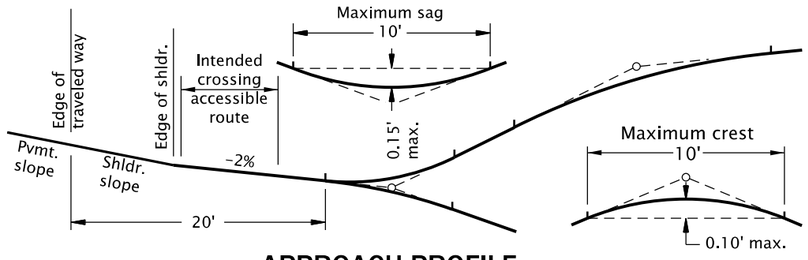
OREGON STANDARD DRAWINGS

ACCESSIBLE ROUTE CHANNELIZED ISLANDS

2021

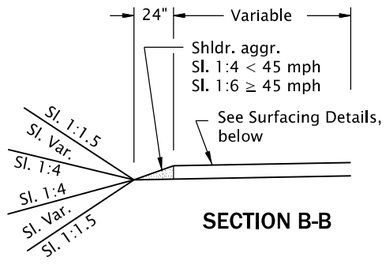
DATE	REVISION DESCRIPTION
07-2020	DRAWING CREATED
07-2021	REVISED NOTES

rd711.dgn 19-JUL-2021



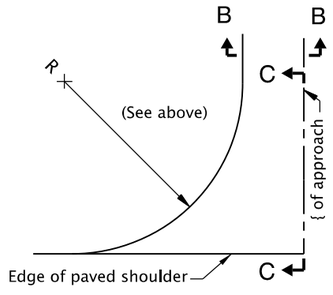
APPROACH PROFILE

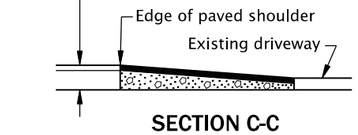
NOTE:
When grades on approaches meet without vertical curves the maximum algebraic difference on crests should be 8% and on sags 12%. Grades steeper than 15% should not be used without prior approval of the engineer of record. Any driveways with slopes exceeding 12% shall be paved.



SECTION B-B

R= { 30' normal (Major constr.) / 20' normal (Minor constr.)



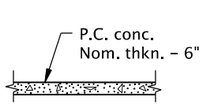


SECTION C-C

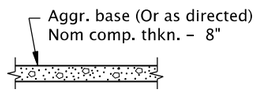
HALF PLAN

NOTE:
Normal paving limits to extend 20' (30' for public road connections) from the edge of pavement or to the right of way line, whichever is less. Approach surfacing and width to then match existing approach.

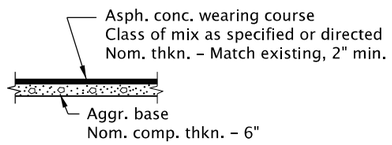
APPROACH



P.C. CONCRETE SURFACING



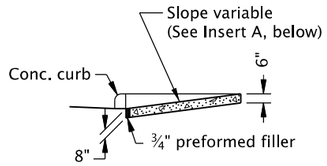
GRAVEL SURFACING



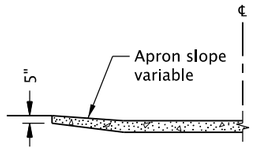
ASPHALT CONCRETE SURFACING

APPROACH AND DRIVEWAY CONNECTION SURFACING DETAILS

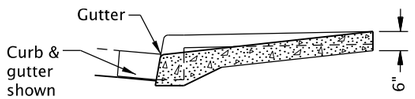
TYPE A
PORTLAND CEMENT CONCRETE



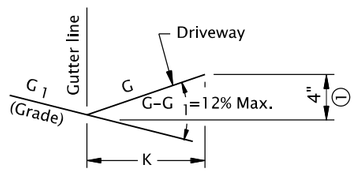
SECTION D-D



SECTION E-E



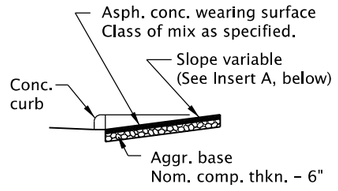
SECTION A-A
FOR MONOLITHIC DRIVEWAYS



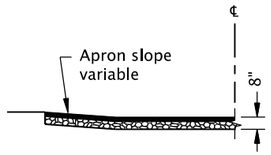
INSERT A

① Minimum allowable for drainage control on negatively sloped driveways.

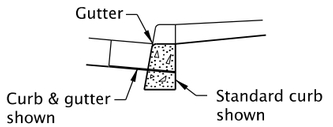
TYPE A-1
ASPHALT CONCRETE



SECTION D-D



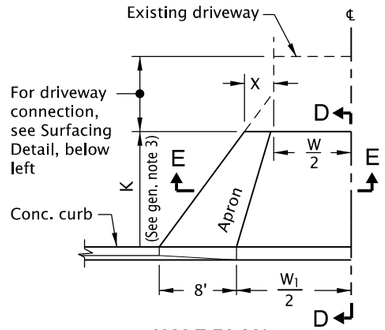
SECTION E-E



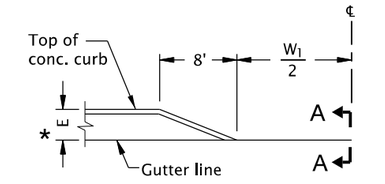
SECTION A-A
FOR DRIVEWAYS

NON-SIDEWALK DRIVEWAYS

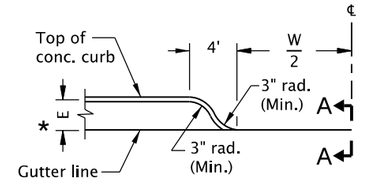
NOTE: This driveway type shall not be used along a pedestrian route.
See "Table A" for dimensions not shown.



HALF PLAN



HALF ELEVATION



HALF ELEVATION
(ALTERNATE APRON SLOPE)

(See General Note 5)

* Curb exposure E = 7" normal. Vary as shown on plans or as directed.

TABLE A

W (ft)	X (ft)	K (ft) 5	6	8	10
		W_1 (ft)			
12	3	15	15	15	15
14		17	17	17	17
16		19	19	19	19
18		21	21	21	21
20		23	23	23	23
22	4	27	28	29	30
24		29	30	31	32
26		31	32	33	34
28		33	34	35	36
30		35	36	37	38
32	5	41	42	44	46
34		43	44	46	48
36		45	46	48	50

Where a travel lane is constructed adjacent to the curb line, use 16' W min. for residence and 30' W min. for light commercial, add 5' to W_1 for both. Do not add the 5' to W_1 when 4' min. shldr. or bikeway is included in the typical.

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Driveway details shown on this drawing are to be used on roadways where there are no existing or planned sidewalks in driveway vicinity. For driveways located in a sidewalk see Std. Dwgs. RD720, RD721, RD725 and/or RD730, RD735, RD740, RD745, RD750.
2. Width of driveway (W) as shown on plans or as directed.
3. K is the distance from back of curb to back of driveway (10' max.).
4. Where existing driveway is in good condition, construct only as much as required for satisfactory connection with new work.
5. "Alternate Apron Slope" used only where plans designate. Alternate Apron Slope may also be used at local jurisdiction's request when approved by the Project Manager.
6. Increase thickness of asphalt concrete and stone base where shown on plans.
7. For curb details, see Std. Dwgs. RD700 & RD701.
8. For expansion and contraction joint requirements, see applicable curb and sidewalk standard drawings.

CALC. BOOK NO. N/A

SDR DATE 21-JUN-2019

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

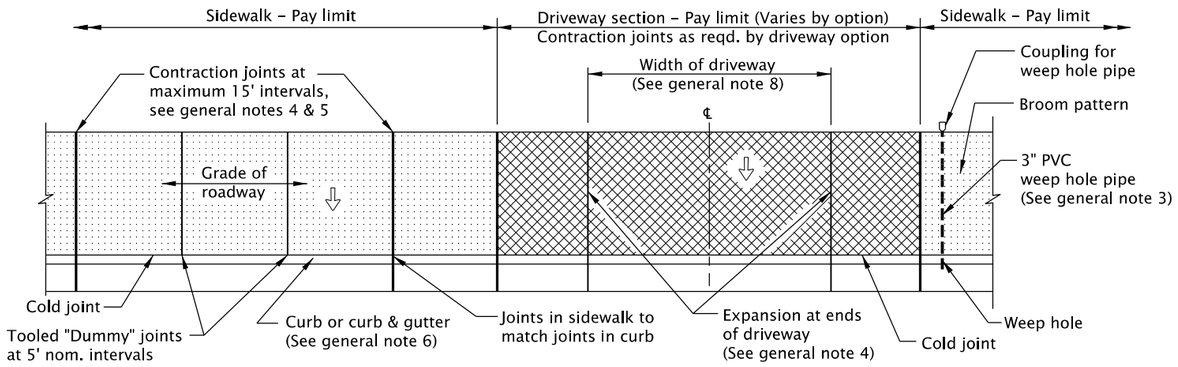
APPROACHES AND NON-SIDEWALK DRIVEWAYS

2021

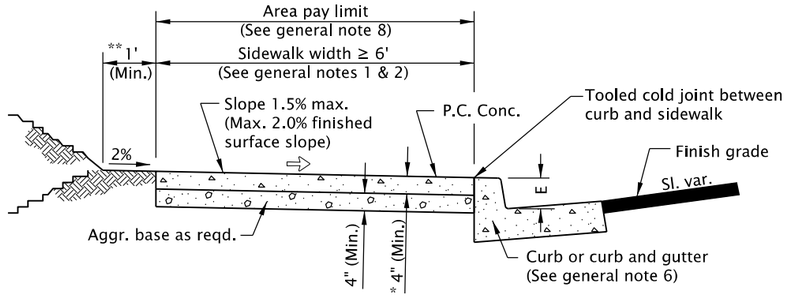
DATE	REVISION DESCRIPTION

RD715

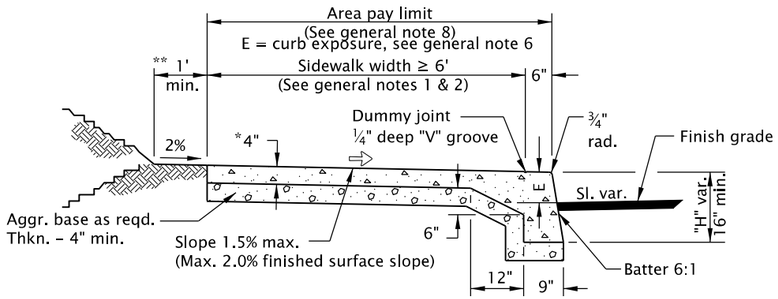
rd715.dgn 20-JUL-2020



TYPICAL PLAN VIEW - CURB LINE SIDEWALK



TYPICAL CURB SIDEWALK CROSS SECTION



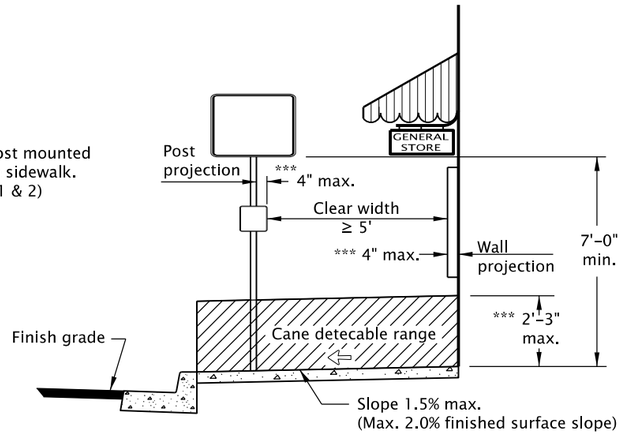
TYPICAL MONOLITHIC CURB & SIDEWALK CROSS SECTION

E = curb exposure, see general note 6

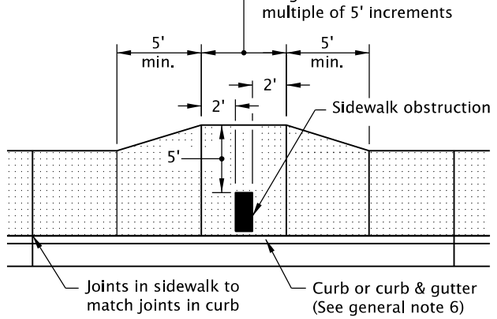
* Min. 4" or as specified in plans. A thickness ≥ 6" if sidewalk is intended as portion of a driveway or mountable curb is used.

** Provide compacted backfill adjacent to curb and sidewalk

*** Objects with base below 2'-3" may protrude any distance as long as the 5' circulation path is maintained. When an object with a base higher than 2'-3" protrudes further than 4" provide a detection below protrusion to delineate edge.



CLEAR CIRCULATION PATH



REQUIRED SIDEWALK WIDENING AROUND OBSTRUCTIONS

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Include additional paved or unpaved 2' shy distance to vertical faces higher than 5' such as retaining walls, sound walls, fences and buildings.
2. Curb type and sidewalk width as shown on plans or as directed. On sidewalks 8' and wider, provide a longitudinal joint at the midpoint.
3. Install 3" pvc weep hole pipes in sidewalks where shown on plans, and allowed by jurisdiction. Place contraction joint over top of pipe. See Std. Dwg. RD700 for weep hole details.
4. Provide expansion joints around poles, posts, boxes, at ends of each driveway, and other fixtures which protrude through or against the structures. For sidewalk, monolithic curb & sidewalk, const. expansion joints at 45' maximum spacing. See Std. Dwg. RD722 for expansion joints details.
5. Const. contraction joints at 15' maximum spacing, and at ends of each curb ramp. See Std. Dwg. RD722 for contraction joints details.
6. For curb details, see Std. Dwgs. RD700 & RD701. ODOT standard E=7".
7. Sidewalk details are based on applicable ODOT standards.
8. Fully lowered sidewalk shown; see project plans for the diveway design specified. For driveway details not shown, see Std. Dwgs. RD725, RD730, RD735, RD740, RD745 & RD750.
9. See project plans for details not shown.

LEGEND

- Sidewalk pay limit.
- Driveway pay limit, varies by option, (See general note 8).
- ⇦ Cross slope 1.5% max. (Max. 2.0% finished surface slope) (Normal sidewalk cross slope)

CALC. BOOK NO. N/A

SDR DATE 21-JUN-2019

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

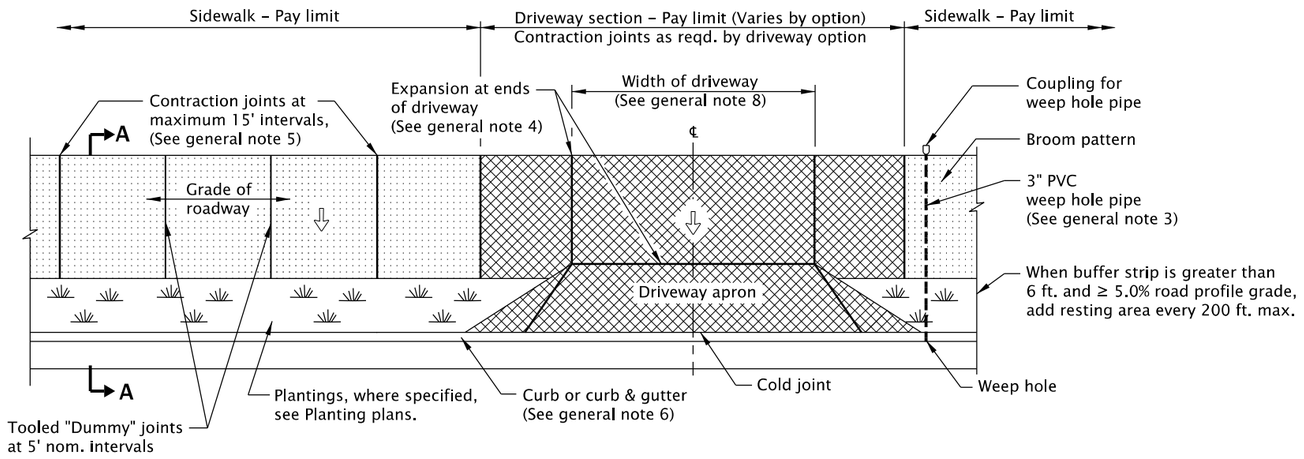
CURB LINE SIDEWALKS

2021

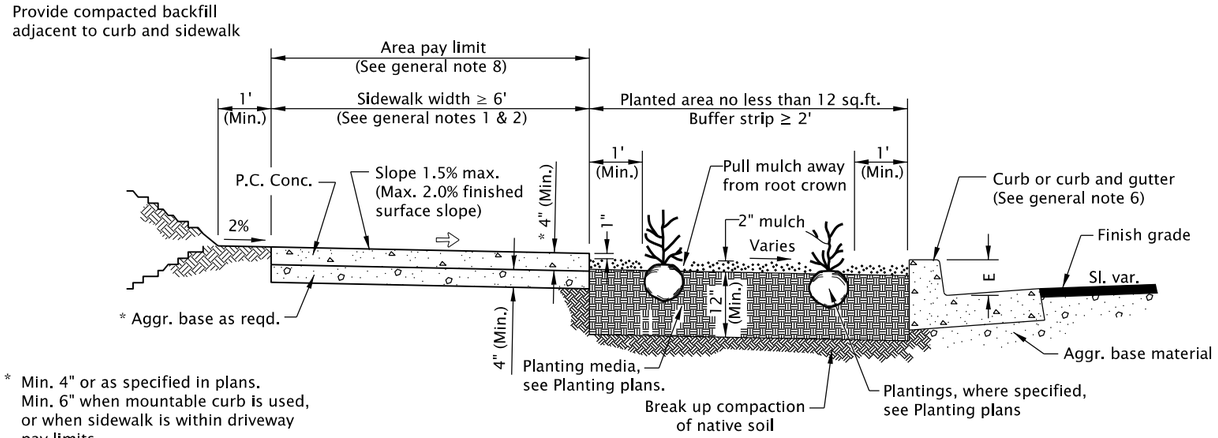
DATE	REVISION DESCRIPTION

RD720

rd720.dgn 20-JUL-2020



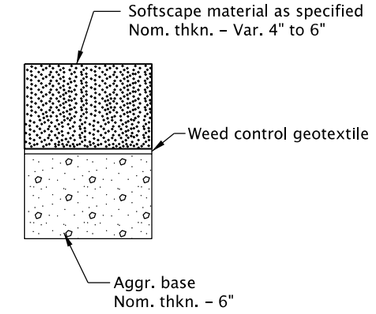
TYPICAL PLAN VIEW - SEPARATED SIDEWALK



SECTION A-A

TYPICAL SETBACK SIDEWALK CROSS SECTION

E = curb exposure, see general note 6



NON-PLANTED SOFTSCAPE CROSS SECTION

NOTES:
1 Use softscape materials allowed by jurisdiction.
2. Approved softscape materials:
   a) Loose, durable round rock 2"–4"in diameter
   b) Lava rock 2"–4"diameter
   c) Wood chips/bark mulch
   d) Sand
3. No crushed aggregate or pea gravel allowed.
4. Install softscape material flush with the top of sidewalk.

LEGEND

Sidewalk pay limit.

Driveway pay limit, varies by option, (See general note 8).

⇦ Cross slope 1.5% max. (Max. 2.0% finished surface slope) (Normal sidewalk cross slope)

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Include additional paved or unpaved 2' shy distance to vertical faces higher than 5' such as retaining walls, sound walls, fences and buildings.
2. Curb type and sidewalk width as shown on plans or as directed. On sidewalks 8' and wider, provide a longitudinal joint at the midpoint.
3. Install 3" pvc weep hole pipes in sidewalks where shown on plans, and allowed by jurisdiction. Place contraction joint over top of pipe. See Std. Dwg. RD700 for weep hole details.
4. Provide expansion joints around poles, posts, boxes, at ends of each driveway, and other fixtures which protrude through or against the structures. For sidewalk, monolithic curb & sidewalk, const. expansion joints at 45' maximum spacing. See Std. Dwg. RD722 for expansion joint details.
5. Const. contraction joints at 15' maximum spacing, and at ends of each curb ramp. See Std. Dwg. RD722 for contraction joint details.
6. Curb and gutter shown; see project plans for the curb design specified. For curb details, see Std. Dwgs. RD700 & RD701. ODOT standard E=7".
7. Sidewalk details are based on ODOT applicable standards.
8. Driveway encroaches into sidewalk shown; see project plans for the driveway design specified. For driveway details not shown, see Std. Dwgs. RD725, RD730, RD735, RD740, RD745 & RD750.
9. See project plans for details not shown.
10. Provide plantings in areas 12 SF or greater, as shown or directed. Treat areas less than 12 SF with mulch surfacing.

CALC. BOOK NO. N/A

SDR DATE 20-JUL-2020

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

SEPARATED SIDEWALKS

2021

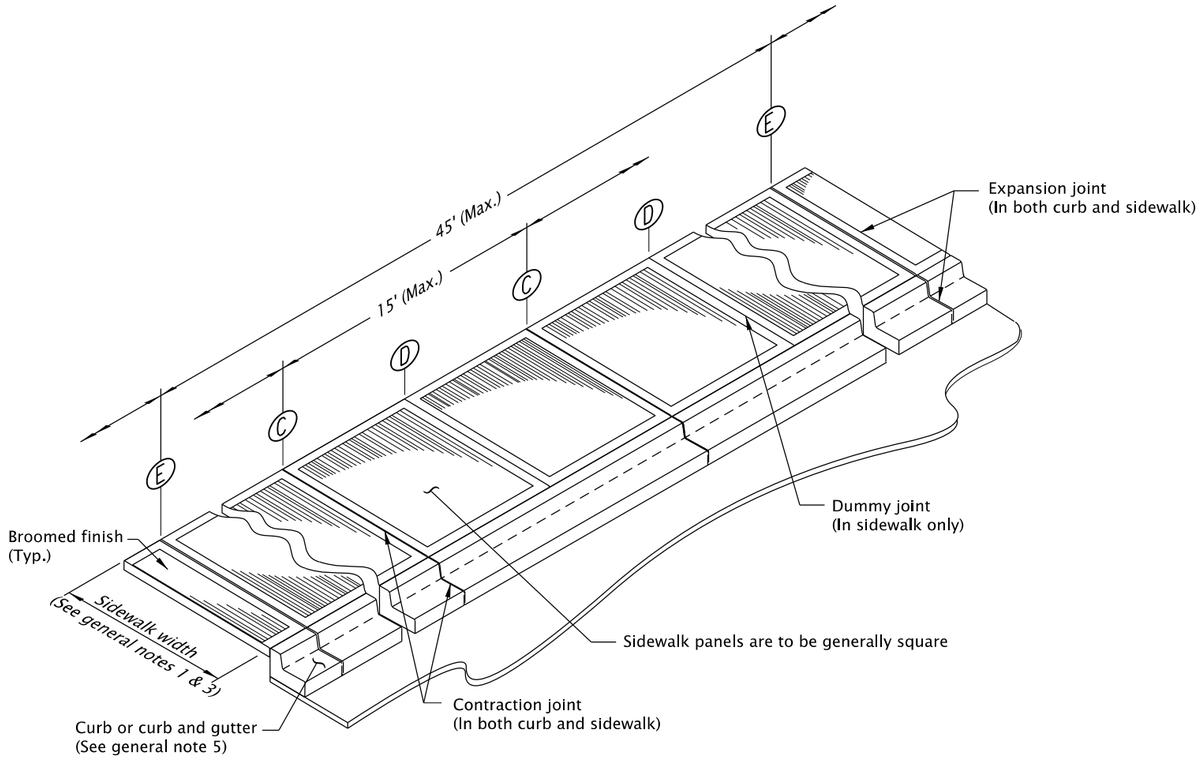
DATE	REVISION DESCRIPTION

RD721

RD721

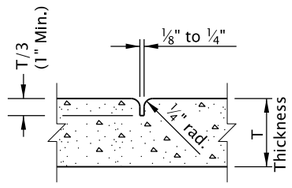
rd721.dgn 20-JUL-2020

rd722.dgn 20-JUL-2020

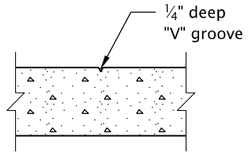


JOINT DETAIL

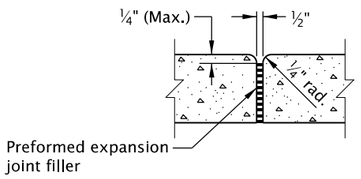
(Curb line sidewalk with curb and gutter shown)



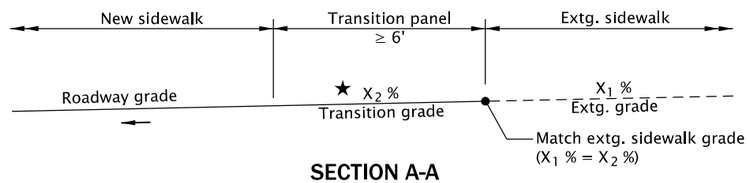
Ⓒ **CONTRACTION JOINT**
(See general note 6)



Ⓓ **DUMMY JOINT**

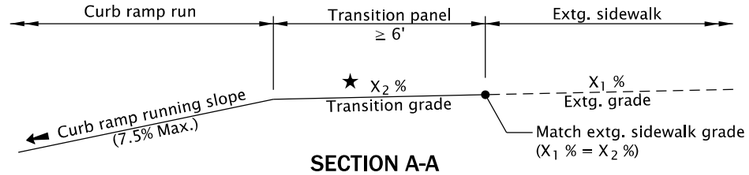


Ⓔ **EXPANSION JOINT**
(See general notes 2 & 5)

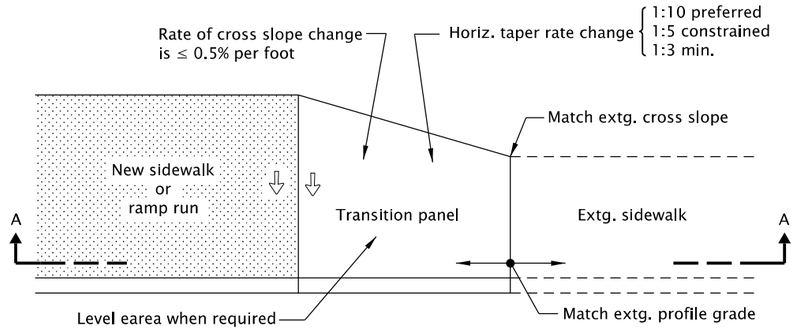


SECTION A-A
(SIDEWALK TRANSITION PANEL SHOWN)

★ Project the existing sidewalk profile grade through transition panel to new sidewalk or curb ramp run.



SECTION A-A
(CURB RAMP TRANSITION PANEL SHOWN)



PLAN

SIDEWALK AND CURB RAMP TRANSITION PANELS

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. See Std. Dwgs. RD720 & RD721 for concrete sidewalk details. See project plans for sidewalk width, placement and design specified.
2. Provide expansion joints around poles, boxes, at ends of each driveway and other fixtures which protrude through or against the structures. For sidewalk, monolithic curb and sidewalk, construction expansion joints at 45' max. spacing.
3. On sidewalks 8' and wider, provide a longitudinal joint at the midpoint of sidewalk panel.
4. See Std. Dwgs. RD700 & RD701 for concrete curb details. See project plans for the curb design specified.
5. For curb ramps, do not place expansion joints within the limits of curb ramps and between separate concrete pours.
6. Const. contraction joints at 15' max. spacing, and at each curb ramp, driveway, sidewalk and curb.

LEGEND:

- New sidewalk or ramp run
- ⇦ Slope 1.5% max. (Max. 2.0% finished surface slope) (Normal sidewalk cross slope)
- ⬅ Slope 7.5% max. (Max. 8.3% finished surface slope)
- • Zero exposure

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

CALC. BOOK NO. N/A

SDR DATE 20-JUL-2020

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

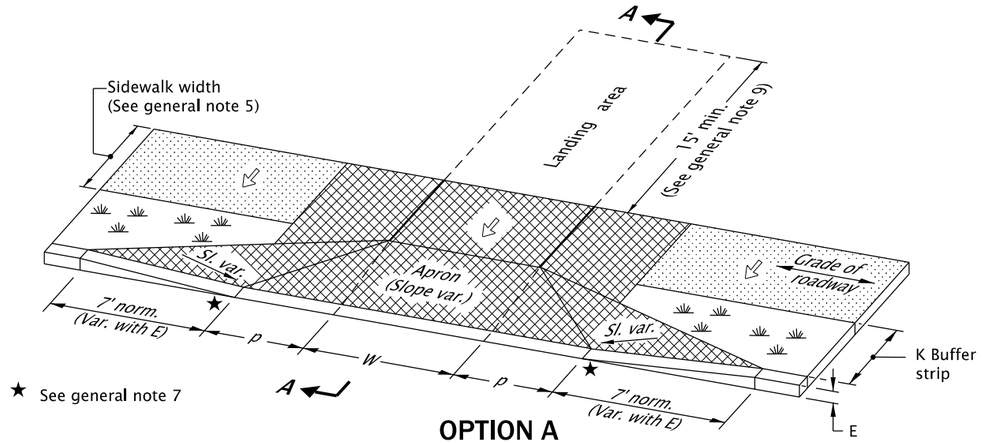
OREGON STANDARD DRAWINGS

SIDEWALK JOINTS AND TRANSITION PANELS

2021

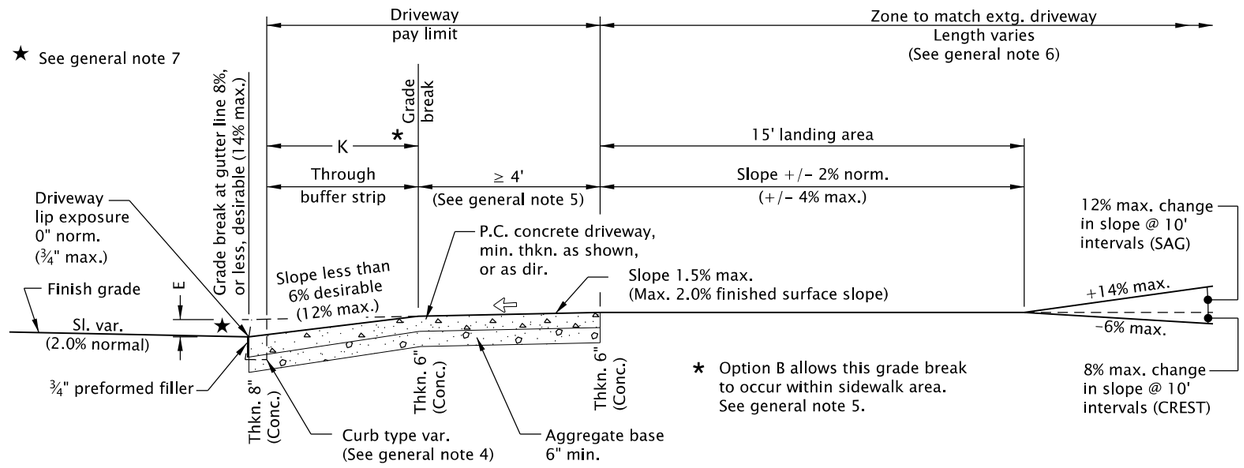
DATE	REVISION DESCRIPTION

RD722

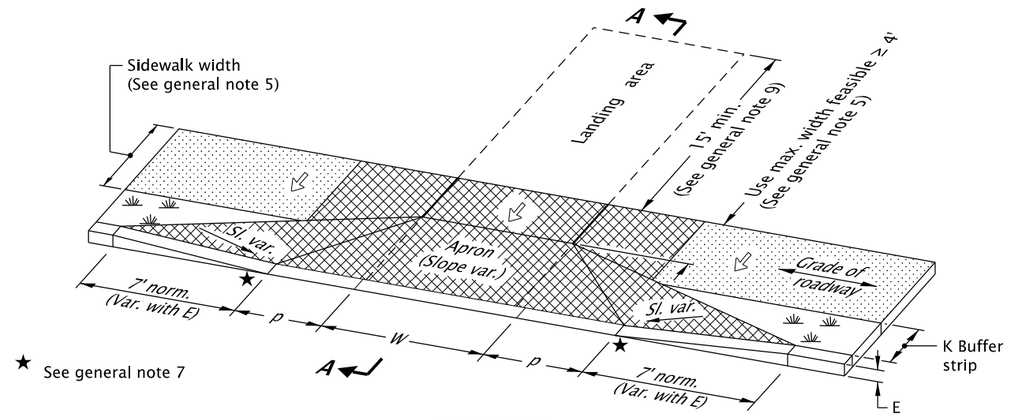


OPTION A
TYPICAL SEPARATED SIDEWALK DRIVEWAY

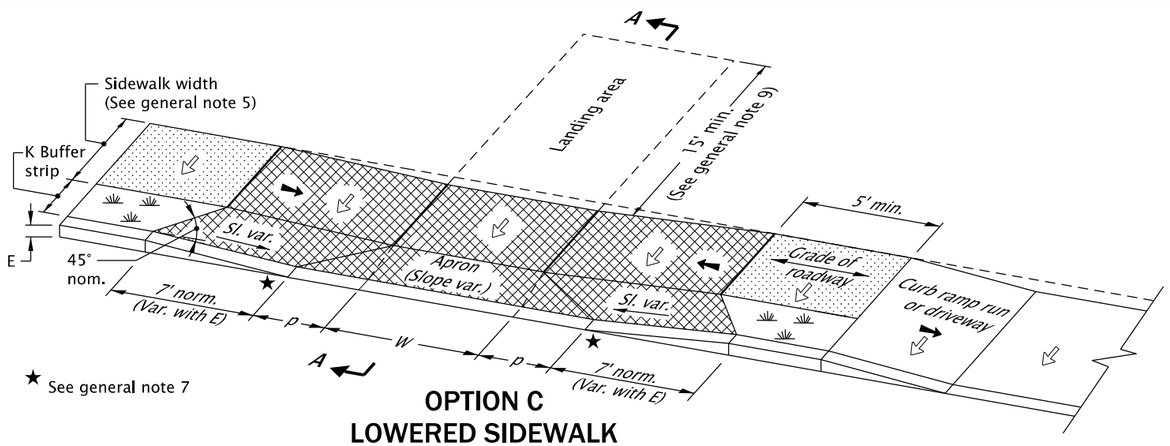
(Use one of the options below if slope requirements shown in Section A-A cannot be met)



SECTION A-A



OPTION B
DRIVEWAY ENCROACHES INTO SIDEWALK



OPTION C
LOWERED SIDEWALK

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Details are based on applicable ODOT Standards.
2. Only use details allowed by jurisdiction.
3. The following dimensions are as shown on plans, or as directed: driveway width, driveway slope, sidewalk width, buffer strip width, curb exposure, driveway lip exposure, landing area length and width. See project plans for details not shown.
4. Curb, gutter, and sidewalk types varies, see plans.
   See Std. Dwgs. RD700 & RD701 for curb details.
   See Std. Dwg. RD721 for sidewalk details.
   See Std. Dwg. RD722 for joint details.
5. A greater than or equal to 4' unobstructed clear passage with cross slope 1.5% max. (Max. 2.0% finished surface slope) is required behind driveway apron. Sidewalk profile grade of the pedestrian accessible route shall not exceed the adjacent roadway profile grade.
6. Where existing driveway is in good condition, and meets slope requirements, construct only as much landing area as required for satisfactory connection with new work.
7. Check the gutter flow depth at driveway locations to assure that the design flood does not overtop the back of sidewalk at driveway. If overtopping occurs place an inlet at upstream side of driveway or perform other approved design mitigation.
8. Construct a full deph expansion joints with ½" (In) preformed joint filler at ends of each driveway. Tooled joints are required at all driveway slope break lines.
9. 15' min. of the driveway behind the sidewalk should be surfaced to prevent tracking of gravel onto the sidewalk.

LEGEND:

	Sidewalk
	Driveway pay limit (See project plans for details not shown)
⇦	Cross slope 1.5% max. (Max. 2.0% finished surface slope) (Normal sidewalk cross slope)
←	Running slope 7.5% max. (Max. 8.3% finished surface slope)
W	Width of driveway
K	Buffer strip width (5' normal, 3' min.)
E	Curb exposure
p	7.0' in commercial land use types 3.5' in residential land use types

CALC. BOOK NO. N/A

SDR DATE 20-JUL-2020

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

SEPARATED SIDEWALK DRIVEWAYS OR ALLEYS (OPTIONS A, B & C) ODOT HIGHWAYS

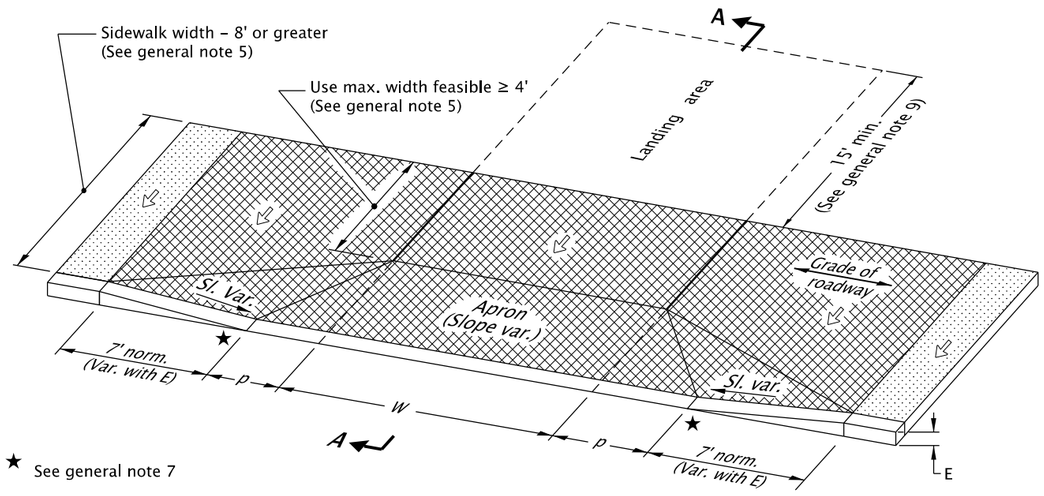
2021

DATE	REVISION DESCRIPTION

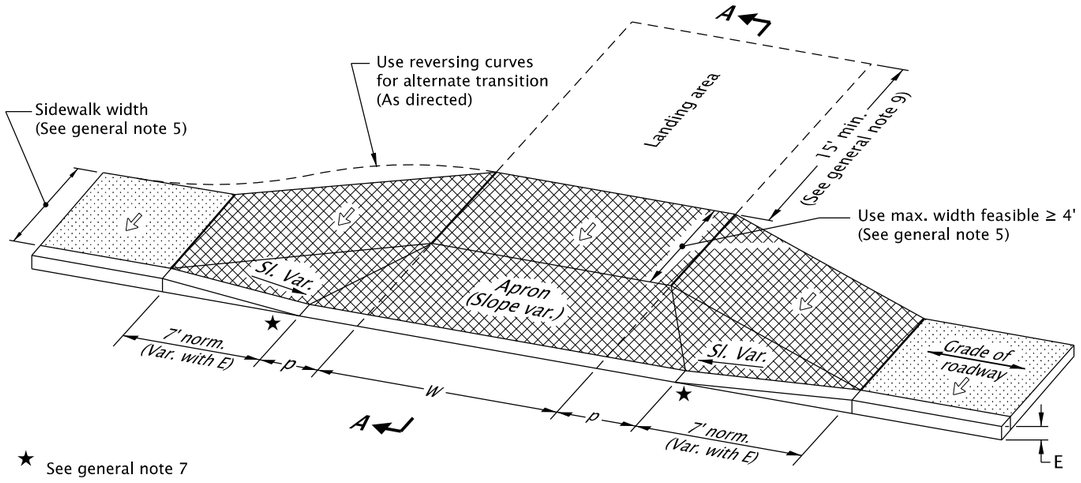
Effective Date: December 1, 2021 - May 31, 2022

RD725

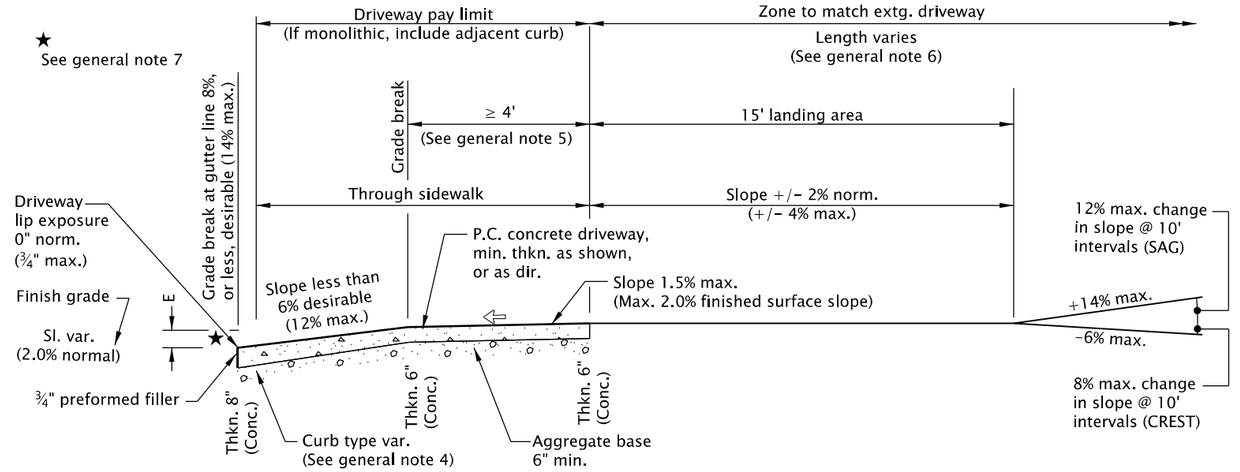
rd730.dgn 20-JUL-2020



OPTION D
DRIVEWAY IN WIDE (8' OR GREATER) SIDEWALK



OPTION E
SIDEWALK WRAPPED AROUND DRIVEWAY



SECTION A-A

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Details are based on applicable ODOT Standards.
2. Only use details allowed by jurisdiction.
3. The following dimensions are as shown on plans, or as directed: driveway width, driveway slope, sidewalk width, curb exposure, driveway lip exposure, landing area length and width. See project plans for details not shown.
4. Curb, gutter, and sidewalk types varies, see plans.
   See Std. Dwgs. RD700 & RD701 for curb details.
   See Std. Dwg. RD720 for sidewalk details.
   See Std. Dwg. RD722 for joint details.
5. A greater than or equal 4' unobstructed clear passage with cross slope 1.5% max. (Max. 2.0% finished surface slope) is required behind driveway apron.
6. Where existing driveway is in good condition, and meets slope requirements, construct only as much landing area as required for satisfactory connection with new work.
7. Check the gutter flow depth at driveway locations to assure that the design flood does not overtop the back of sidewalk at driveway. If overtopping occurs place an inlet at upstream side of driveway or perform other approved design mitigation.
8. Construct a full deph expansion joints with 1#2" (In) preformed joint filler at ends of each driveway. Tooled joints are required at all driveway slope break lines.
9. 15' min. of the driveway behind the sidewalk should be surfaced to prevent tracking of gravel onto the sidewalk.
10. Monolithic curb & sidewalk shall retain thickened edge through lowered profile, to accommodate driveway use. See Std. Dwg. RD720 for details.

LEGEND:

	Sidewalk
	Driveway pay limit (If monolithic, include adjacent curb) (See project plans for details not shown)
⇦	Cross slope 1.5% max. (Max. 2.0% finished surface slope) (Normal sidewalk cross slope)
W	Width of driveway
E	Curb exposure
p	7.0' in commercial land use types 3.5' in residential land use types

CALC. BOOK NO. N/A

SDR DATE 20-JUL-2020

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

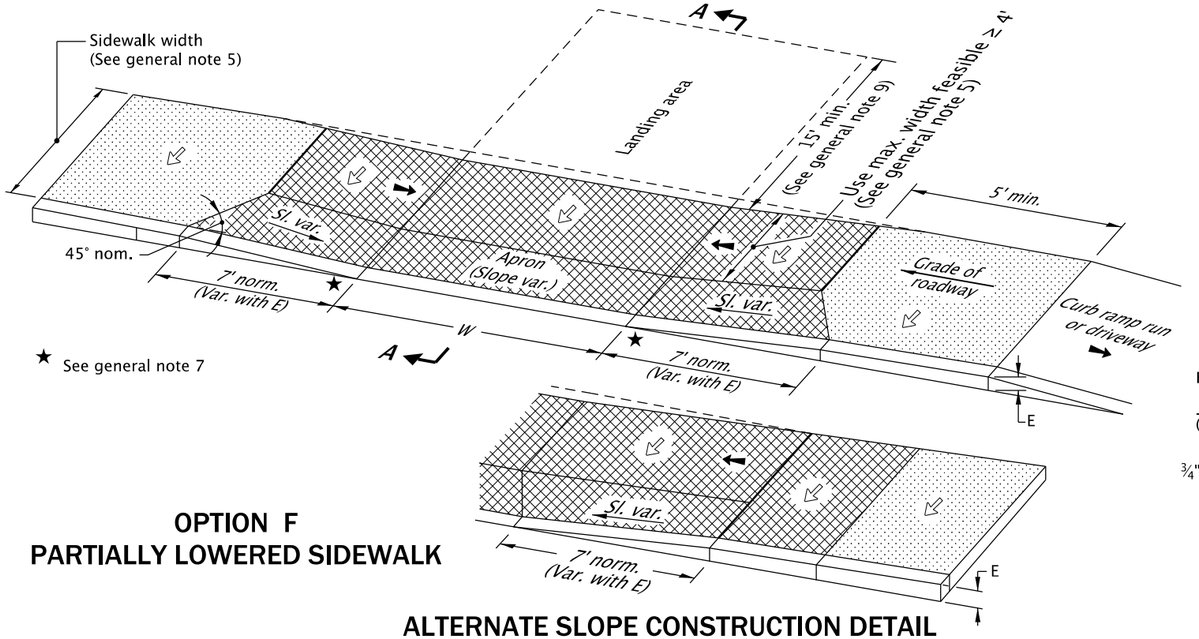
The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

CURB LINE SIDEWALK DRIVEWAYS OR ALLEYS (OPTIONS D & E) ODOT HIGHWAYS

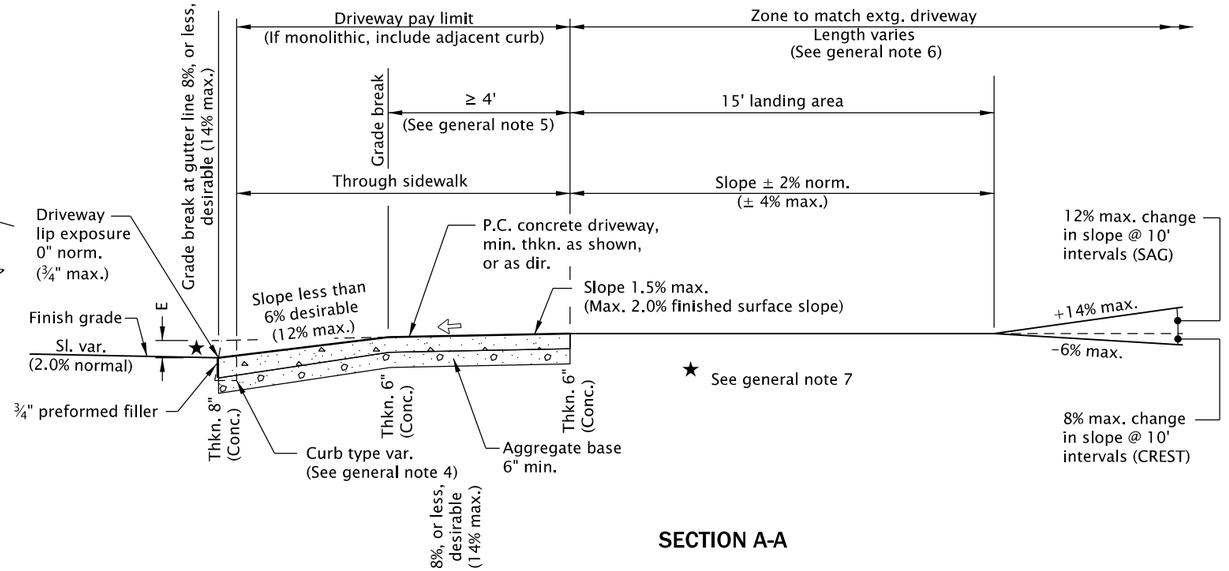
2021

DATE	REVISION DESCRIPTION

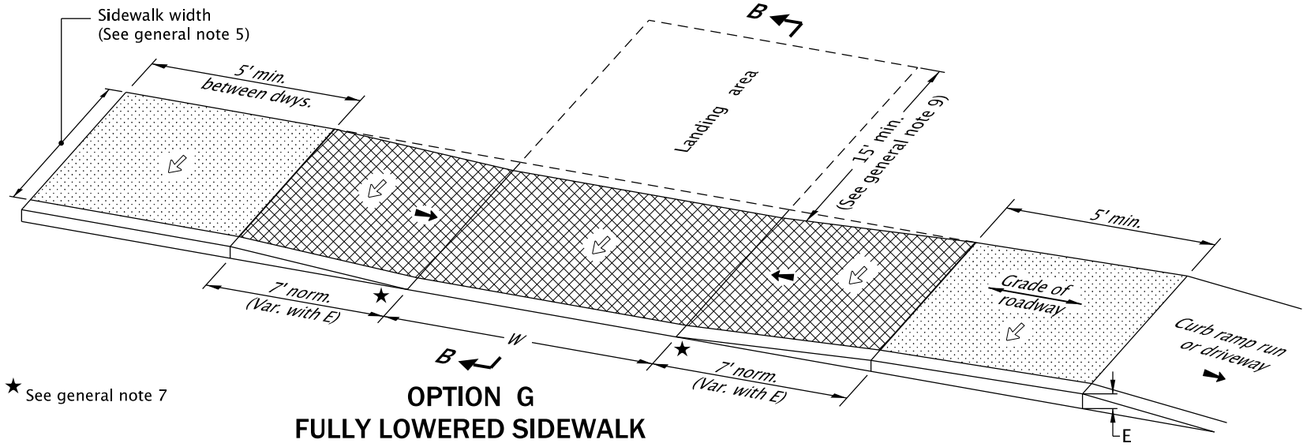


OPTION F
PARTIALLY LOWERED SIDEWALK

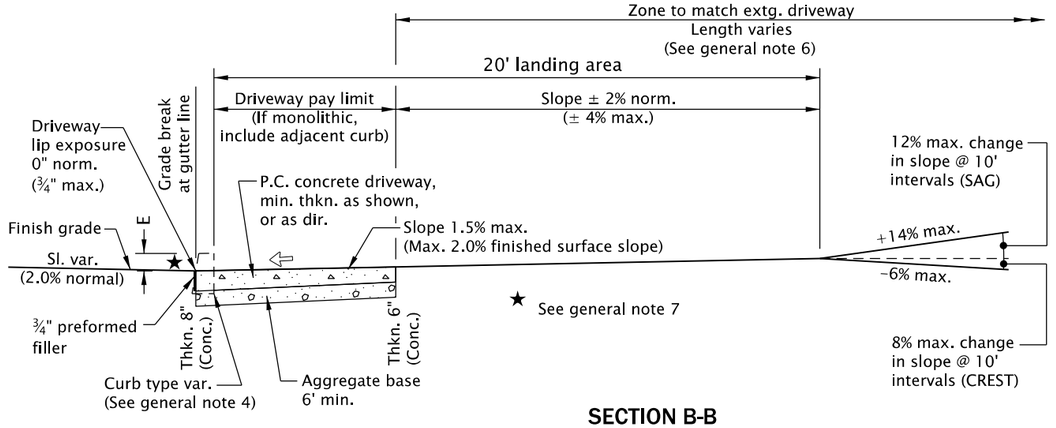
ALTERNATE SLOPE CONSTRUCTION DETAIL



SECTION A-A



OPTION G
FULLY LOWERED SIDEWALK



SECTION B-B

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Details are based on applicable ODOT Standards.
2. Only use details allowed by jurisdiction.
3. The following dimensions are as shown on plans, or as directed: driveway width, driveway slope, sidewalk width, curb exposure, driveway lip exposure, landing area length and width. See project plans for details not shown.
4. Curb, gutter, and sidewalk types varies, see plans.
   See Std. Dwgs. RD700 & RD701 for curb details.
   See Std. Dwg. RD720 for sidewalk details.
   See Std. Dwg. RD722 for joint details.
5. A greater than or equal 4' unobstructed clear passage with cross slope 1.5% max. (Max. 2.0% finished surface slope) is required behind driveway apron.
6. Where existing driveway is in good condition, and meets slope requirements, construct only as much landing area as required for satisfactory connection with new work.
7. Check the gutter flow depth at driveway locations to assure that the design flood does not overtop the back of sidewalk at driveway. If overtopping occurs place an inlet at upstream side of driveway or perform other approved design mitigation.
8. Construct a full deph expansion joints with 1#2" (In) preformed joint filler at ends of each driveway. Tooled joints are required at all driveway slope break lines.
9. 15' min. of the driveway behind the sidewalk should be surfaced to prevent tracking of gravel onto the sidewalk.
10. Monolithic curb & sidewalk shall retain thickened edge through lowered profile, to accommodate driveway use. See Std. Dwg. RD720 for details.

LEGEND:

	Sidewalk
	Driveway pay limit (If monolithic, include adjacent curb) (See project plans for details not shown)
⇦	Cross slope 1.5% max. (Max. 2.0% finished surface slope) (Normal sidewalk cross slope)
⬅	Running slope 7.5% max. (Max. 8.3% finished surface slope)
W	Width of driveway
E	Curb exposure

CALC. BOOK NO. N/A

SDR DATE 20-JUL-2020

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

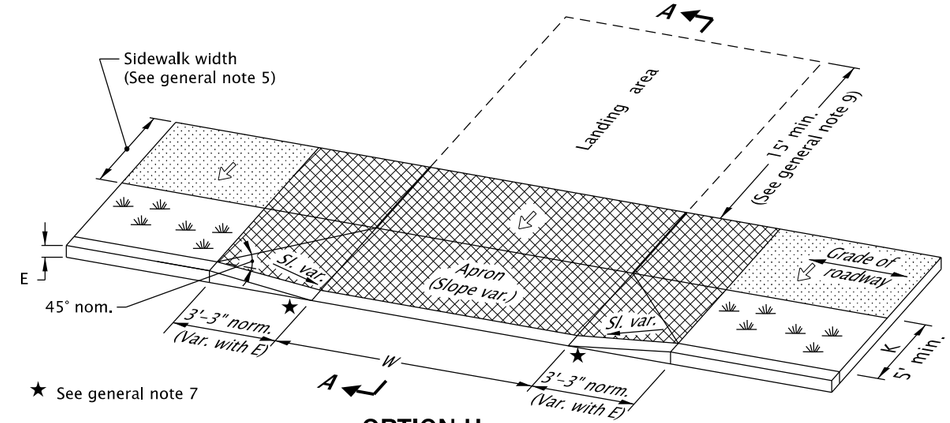
CURB LINE SIDEWALK DRIVEWAYS OR ALLEYS (OPTIONS F & G) ODOT HIGHWAYS

2021

DATE	REVISION DESCRIPTION

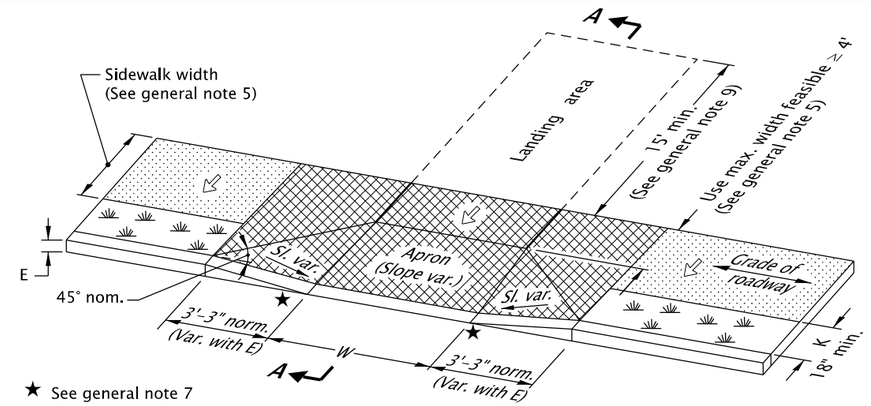
rd735.dgn 20-JUL-2020

RD735

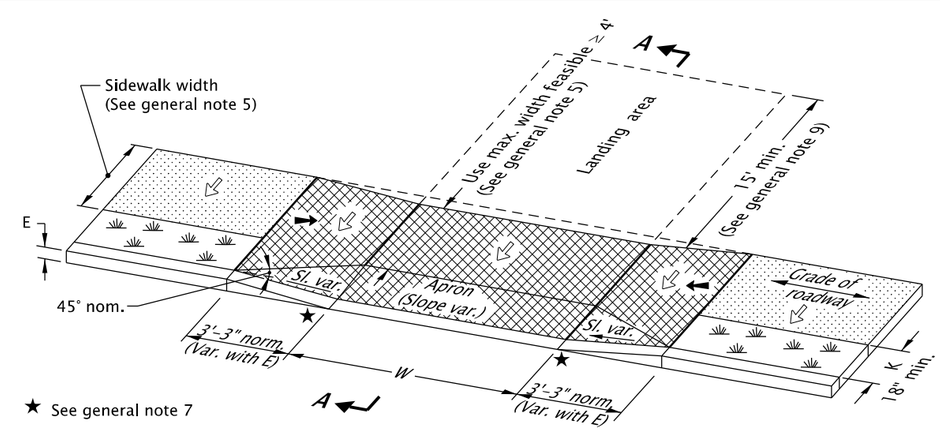


OPTION H
TYPICAL SEPARATED SIDEWALK DRIVEWAY

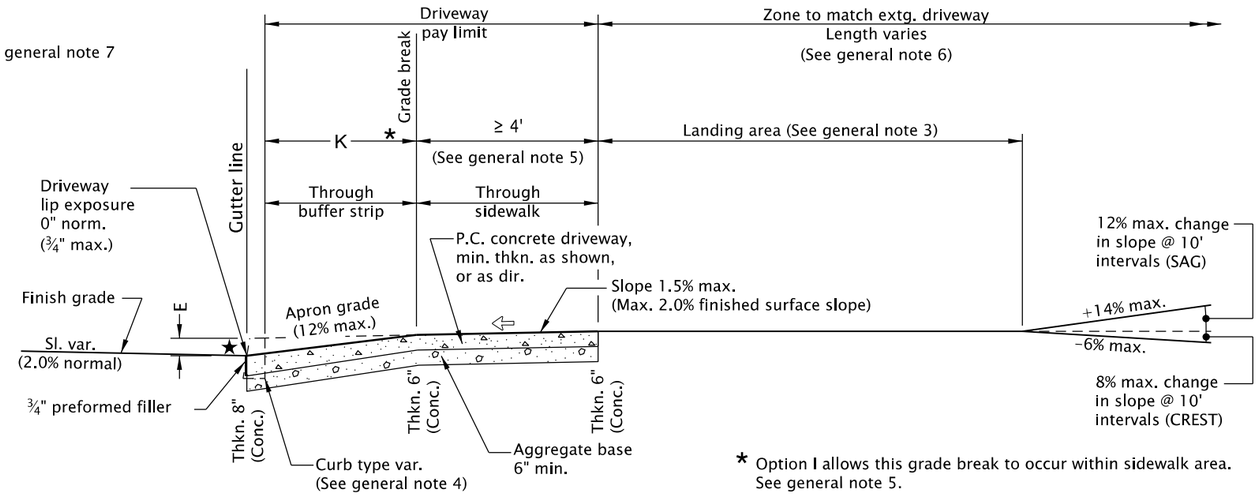
(Use one of the options below if slope requirements shown in Section A–A cannot be met)



OPTION I
DRIVEWAY ENCROACHES INTO SIDEWALK



OPTION J
LOWERED SIDEWALK



SECTION A-A

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Details are based on applicable ODOT Standards.
2. Only use details allowed by jurisdiction.
3. The following dimensions are as shown on plans, or as directed: driveway width, driveway slope, sidewalk width, buffer strip width, curb exposure, driveway lip exposure, landing area length and width. See project plans for details not shown.
4. Curb, gutter, and sidewalk types varies, see plans.
   See Std. Dwgs. RD700 & RD701 for curb details.
   See Std. Dwg. RD721 for sidewalk details.
   See Std. Dwg. RD722 for joint details.
5. A greater than or equal 4' unobstructed clear passage with cross slope 1.5% max. (Max. 2.0% finished surface slope) is required behind driveway apron.
6. Where existing driveway is in good condition, and meets slope requirements, construct only as much landing area as required for satisfactory connection with new work.
7. Check the gutter flow depth at driveway locations to assure that the design flood does not overtop the back of sidewalk at driveway. If overtopping occurs place an inlet at upstream side of driveway or perform other approved design mitigation.
8. Construct a full deph expansion joints with 1#2" (In) preformed joint filler at ends of each driveway. Tooled joints are required at all driveway slope break lines.
9. 15' min. of the driveway behind the sidewalk should be surfaced to prevent tracking of gravel onto the sidewalk.
10. Any dimensions except those of general note 5 may be amended by local agencies for their use.

LEGEND:

- Sidewalk
- Driveway pay limit (See project plans for details not shown)
- ⇦ Cross slope 1.5% max. (Max. 2.0% finished surface slope) (Normal sidewalk cross slope)
- ⬅ Running slope 7.5% max. (Max. 8.3% finished surface slope)

W Width of driveway
K Buffer strip width
E Curb exposure

NOTE:
This drawing is to be used by local agencies to assist them in the design of driveways on their facilities.

CALC. BOOK NO. N/A

SDR DATE 20-JUL-2020

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

SEPARATED SIDEWALK DRIVEWAYS OR ALLEYS (OPTIONS H, I & J) LOCAL JURISDICTIONS

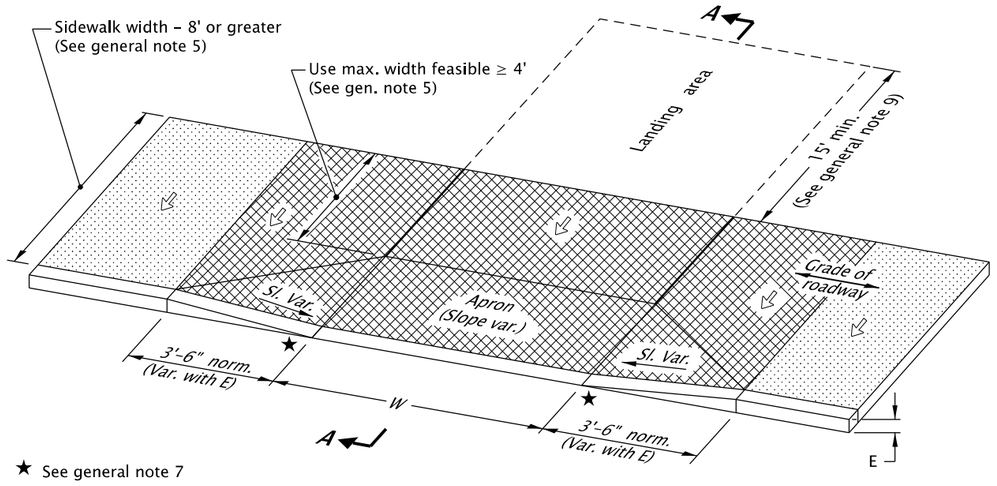
2021

DATE	REVISION DESCRIPTION

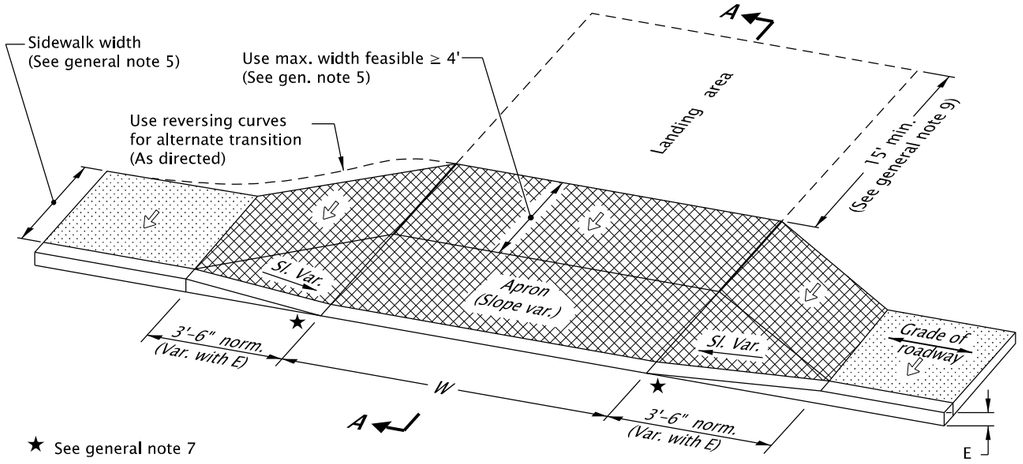
RD740

rd740.dgn 20-JUL-2020

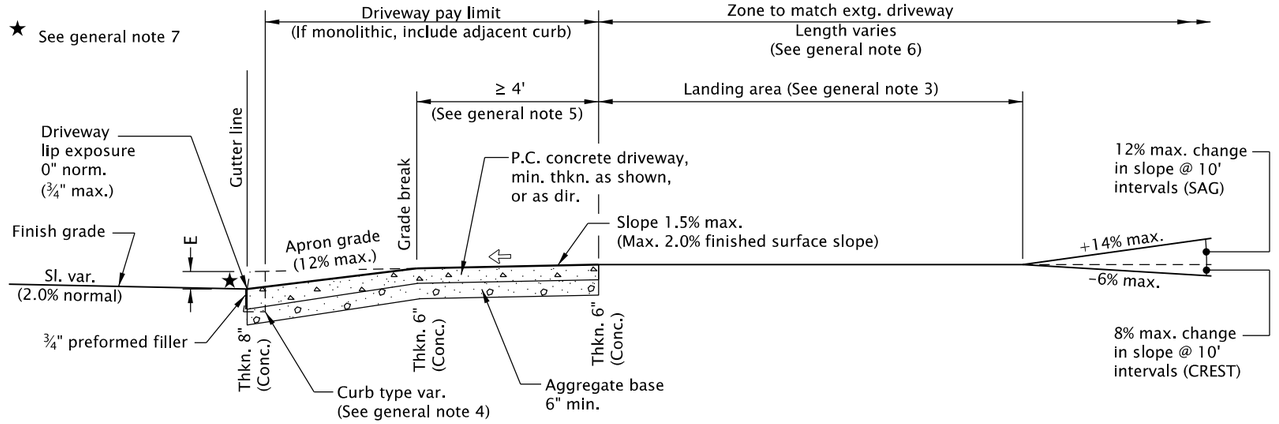
rd745.dgn 19-JULY-2021



OPTION K
DRIVEWAY IN WIDE (8' OR GREATER) SIDEWALK



OPTION L
SIDEWALK WRAPPED AROUND DRIVEWAY



SECTION A-A

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Details are based on applicable ODOT Standards.
2. Only use details allowed by jurisdiction.
3. The following dimensions are as shown on plans, or as directed: driveway width, driveway slope, sidewalk width, curb exposure, driveway lip exposure, landing area length and width. See project plans for details not shown.
4. Curb, gutter, and sidewalk types varies, see plans.
   See Std. Dwgs. RD700 & RD701 for curb details.
   See Std. Dwg. RD720 for sidewalk details
   See Std. Dwg. RD722 for joint details.
5. A greater than or equal 4' unobstructed clear passage with cross slope 1.5% max. (Max. 2.0% finished surface slope) is required behind driveway apron.
6. Where existing driveway is in good condition, and meets slope requirements, construct only as much landing area as required for satisfactory connection with new work.
7. Check the gutter flow depth at driveway locations to assure that the design flood does not overtop the back of sidewalk at driveway. If overtopping occurs place an inlet at upstream side of driveway or perform other approved design mitigation.
8. Construct a full deph expansion joints with ½" preformed joint filler at ends of each driveway. Tooled joints are required at all driveway slope break lines.
9. 15' min. of the driveway behind the sidewalk should be surfaced to prevent tracking of gravel onto the sidewalk.
10. Monolithic curb & sidewalk shall retain thickened edge through lowered profile, to accommodate driveway use. See Std. Dwg. RD720 for details.
11. Any dimensions except those of general note 5 may be amended by local agencies for their use.

LEGEND:

	Sidewalk
	Driveway pay limit (If monolithic, include adjacent curb) (See project plans for details not shown)
⇦	Cross slope 1.5% max. (Max. 2.0% finished surface slope) (Normal sidewalk cross slope)
W	Width of driveway
E	Curb exposure

NOTE:
This drawing is to be used by local agencies to assist them in the design of driveways on their facilities.

CALC. BOOK NO. N/A

SDR DATE 19-JUL-2021

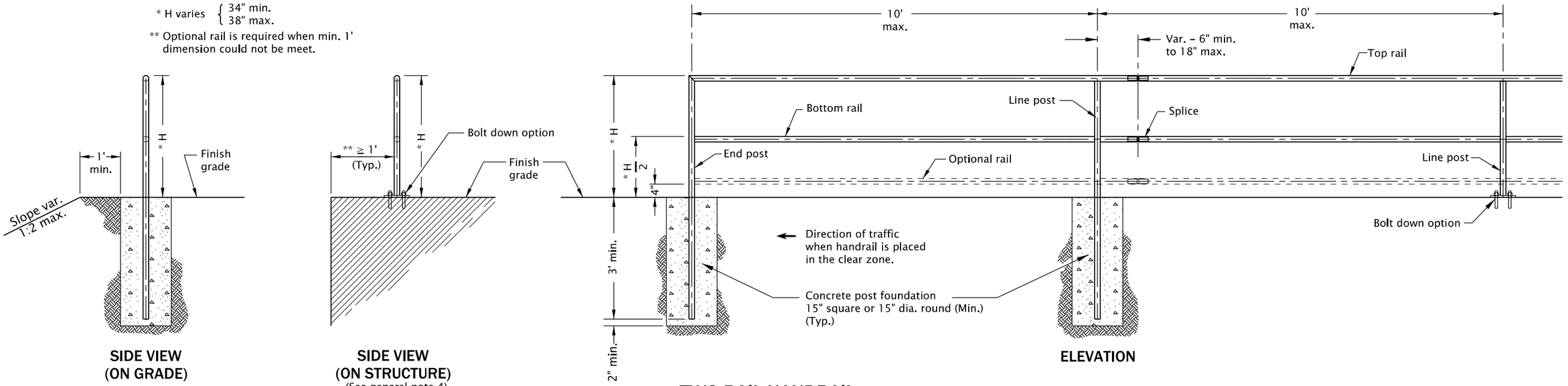
NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS
CURB LINE SIDEWALK
DRIVEWAYS OR ALLEYS
(OPTIONS K & L)
LOCAL JURISDICTIONS
2021

DATE	REVISION DESCRIPTION
07-2021	REVISED NOTES

rd770.dgn 20-JUL-2020

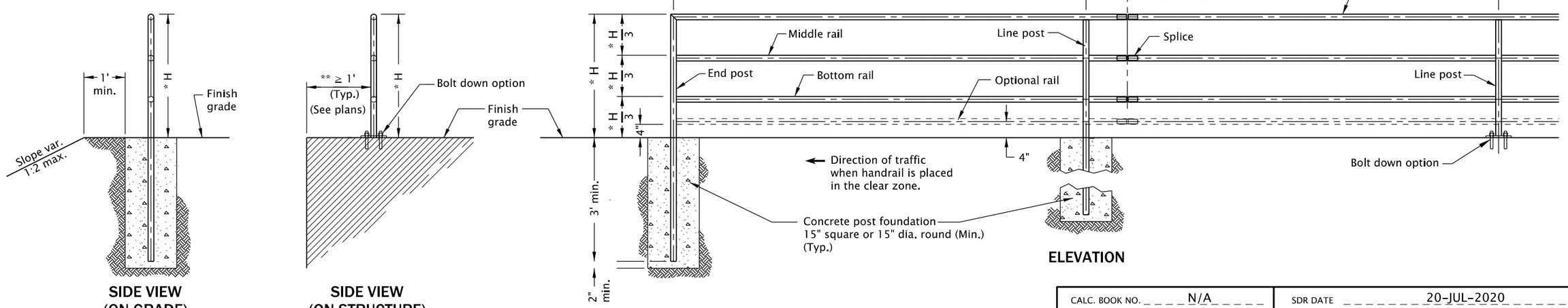


SIDE VIEW (ON GRADE)

SIDE VIEW (ON STRUCTURE) (See general note 4)

ELEVATION

TWO RAIL HANDRAIL



SIDE VIEW (ON GRADE)

SIDE VIEW (ON STRUCTURE) (See general note 4)

ELEVATION

THREE RAIL HANDRAIL

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Handrail details are based on applicable ODOT Standards.
2. See Std. Dwg. RD771 for details not shown.
3. Hot-dip galvanize all metal parts after fabrication.
4. Structure varies, see project plans.
5. Handrail height (H) shall be constant within a ramp run or stairway.
6. All concrete shall be commercial grade concrete.
7. See Std. Dwg. RD120 for concrete stairway.
8. See project plans for details not shown.

CALC. BOOK NO. N/A

SDR DATE 20-JUL-2020

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

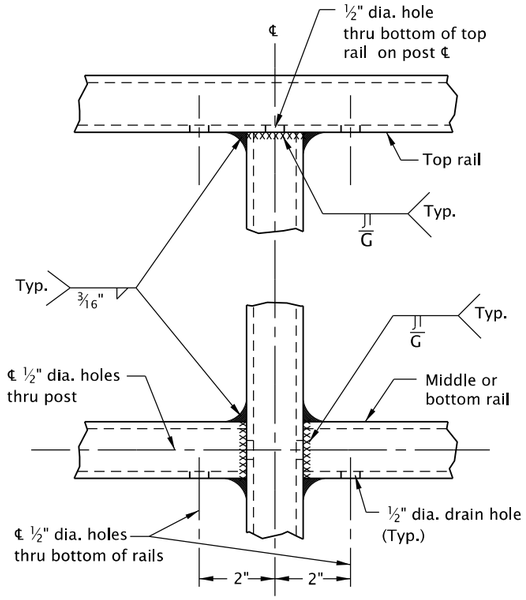
METAL HANDRAIL

2021

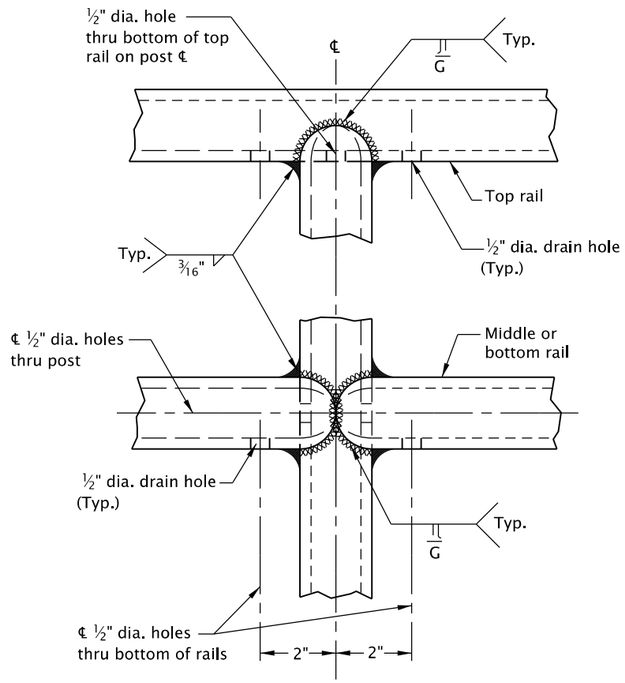
DATE	REVISION DESCRIPTION

RD770

rd771.dgn 20-JUL-2020



WELD DETAILS FOR STEEL TUBING



WELD DETAILS FOR STEEL PIPE

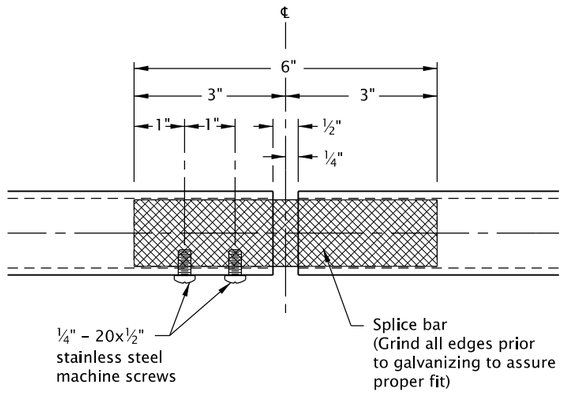
MATERIAL TABLES

STEEL PIPE POST & RAIL MEMBERS				ROUND SPLICE BAR
NOM. DIA.	SCH.	O.D.	I.D.	O.D.
1¼"	40	1.660"	1.380"	1¼"
1½"	10	1.900"	1.682"	1½"
	40	1.900"	1.610"	

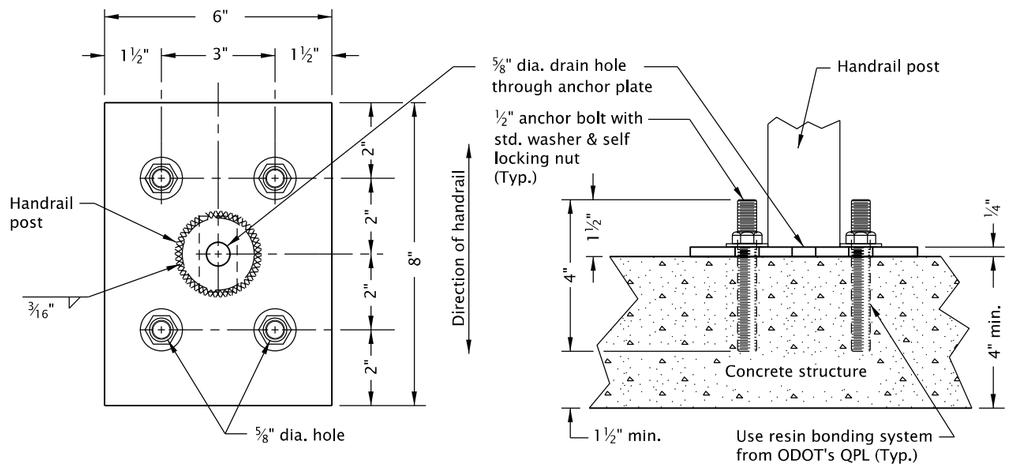
SQUARE STRUCTURAL STEEL TUBING POST & RAIL MEMBERS		SQUARE SPLICE BAR
Outside Dimensions	Wall Thickness	Outside Dimensions
1½"x1½"	⅛"	1"x1 "
	3/16"	¾"x¾"

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Handrail details are based on applicable ODOT Standards.
2. Select materials from tables. Posts and rails shall be identical material. Structural steel tubing shall conform to ASTM specification A500, grade B.
3. Posts shall be vertical. The top rail shall be continuous over a minimum of two posts.
4. On structure, the railing shall conform to the vertical alignment of the structure. Rails shall have a splice in the post space occurring at expansion joints.
5. On grade, rails shall have splices at intervals not to exceed 100'.
6. Hot-dip galvanize all metal parts after fabrication.
7. See Std Dwg. RD770 for details not shown.
8. See Std Dwg. RD120 for concrete stairway.
9. See project plans for details not shown.



SPLICE DETAIL



PLAN VIEW

SIDE VIEW

ANCHOR PLATE FOR BOLT DOWN OPTION

CALC. BOOK NO. N/A

SDR DATE 20-JUL-2020

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

METAL HANDRAIL DETAILS

2021

DATE	REVISION DESCRIPTION

RD771

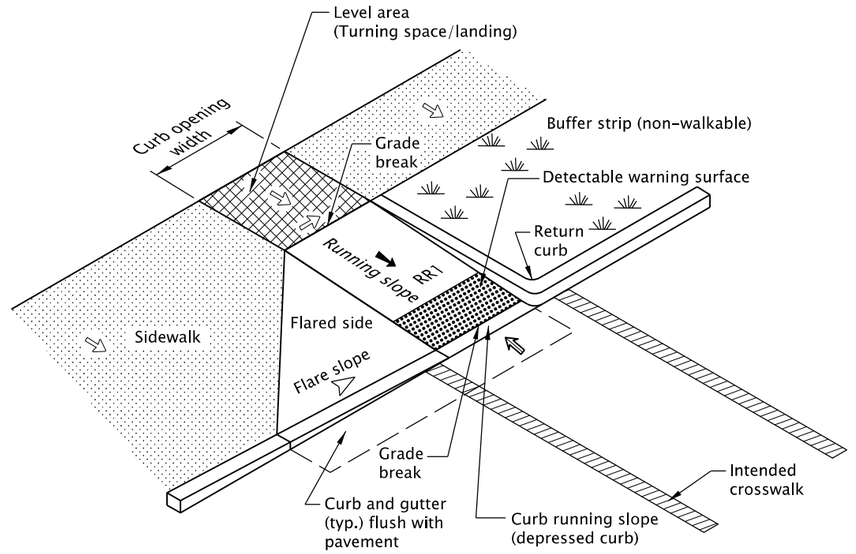
rd900.dgn 19-JUL-2021

CURB RAMP INDEX

STD. DWG. NO.	STD. DWG. TITLE
RD900	Curb Ramp Components And Legend
RD901	Curb Ramp Legend And Corner Identification
RD902	Detectable Warning Surface Details
RD904	Detectable Warning Surface Placement For Curb Ramps
RD905	Detectable Warning Surface Placement For Directional Curbs
RD906	Detectable Warning Surface Placement For Accessible Route Island
RD908	Detectable Warning Surface Placement
RD910, RD912	Perpendicular Curb Ramp
RD913	Perpendicular Curb Ramp With Closure
RD916	Perpendicular Curb Ramp Single Ramp
RD920	Parallel Curb Ramp
RD922	Parallel Curb Ramp Single Ramp
RD930, RD932 & RD936	Combination Curb Ramp
RD938	Combination Curb Ramp Single Ramp
RD940	Blended Transition Curb Ramp Single Ramp
RD950 & RD952	End Of Walk Curb Ramp
RD960	Unique Curb Ramp

LEGEND:

- Sidewalk or other traversable surface
- Detectable warning surface (DWS)
- Level area (Turning space/landing)
- Cross slope 1.5% max. (Max. 2.0% finished surface slope) (Normal sidewalk cross slope)
- Running slope 4.0% max. (Max. 4.9% finished surface slope)
- Running slope 7.5% max. (Max. 8.3% finished surface slope)
- Counter slope 4.0% max. ascending or descending (Max. 5.0% finished surface slope) Slope as required for drainage
- Flare slope (Max. 10.0% finished surface slope)
- 4'x4' clear space
- RR1 Ramp Run Position 1



TYPICAL CURB RAMP SYSTEM COMPONENTS

(PERPENDICULAR TYPE SHOWN)

CALC. BOOK NO. N/A

SDR DATE 19-JUL-2021

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

CURB RAMP COMPONENTS AND LEGEND

2021

DATE	REVISION DESCRIPTION
07-2020	DRAWING CREATED
07-2021	REVISED DETAILS AND NOTES

rd901.dgn 07-SEPT-2021

Linear Referencing Method (LRM) Number
Use ODOT TransGIS, turn on layers Roadside > ADA corners and ADA Ramps
to see LRM and corner position number of curb ramps inventoried. Select "Identify Features" and click on Map Position to see Information.

This is a code to identify the intersection on a specific state highway.
There is a four part format for the code: Highway Number; Highway Suffix; Roadway ID, Mileage Type.

1) The Highway Number is a 3 digit number (not the route number) assigned to all state highways by ODOT.
   Valid numbers are 001-493.

2) Highway Suffix is a letter format assigned to frontage roads and connections to identify the unique connection, for example AA or AB.
   Use the Identify Features tool on the ODOT Trans GIS Road Network layer > Hwy Network-Colored layer for visual reference. Select "Identify Features" and click on Map Position to see Information.
   If the intersection is not located on a connection use 00 for the code.

3) Roadway ID is a one letter code used to identify alignment. There are two possible letter codes; "I" for increasing mile point direction and "D" for decreasing mile point direction.
   For most highways, the "I" direction is south and east. Note I-5 does not follow this rule. Generally "I" will be used.
   When there is a separated highway there will be an "I" roadway and a "D" roadway.
   Check the Digital Video Log to be sure of the direction.

4) Mileage Type is used when there are multiple locations of the same mile point on a section of highway.
   Overlay lapping mileage is listed as "z" mileage.

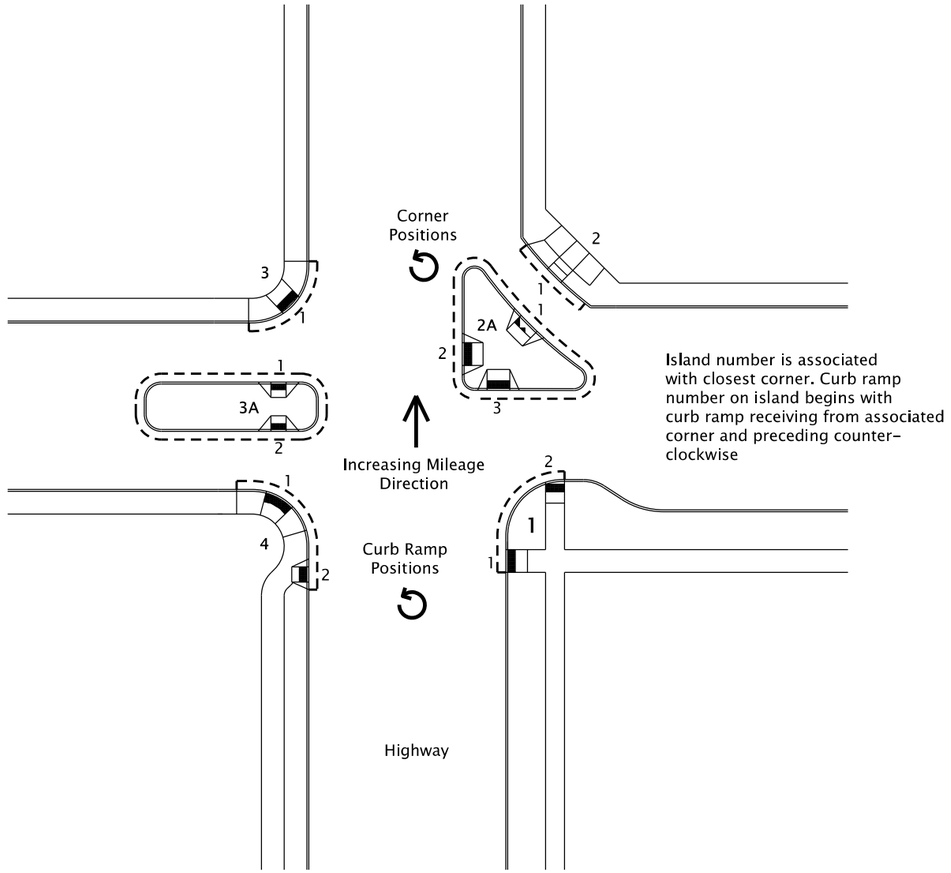
Example

228	00	I	00
Hwy No.	Suffix	ID	Type

Milepoint of an intersection is based on the mile point of the center of the intersection listed to the hundredth of a mile.

Corner Position is based on traveling in the increasing mile point direction, beginning with the first corner on the right and proceeding counter-clockwise around the intersection, numbering consecutive 1 through the end of corners. An "A" is added to the number for an island. For example an island between corner positions 1 and 2 and is closer to corner 2 has a corner position number of 2A (See corner position and curb ramp position diagram).

Curb Ramp Position is a number given to each curb ramp beginning with Corner Position 1. The first curb ramp encountered in the increasing mile point direction is number ramp 1. Then proceeds counter-clockwise around the corner, numbering in consecutive order.
Proceed following the pedestrian route and in Corner Position Number order (see corner position and curb ramp position diagram).



CORNER POSITION AND CURB RAMP POSITION DIAGRAM

(See ODOT Exhibit A for additional ramp and ramp run numbering conventions.)

STANDARD ABBREVIATION FOR CURB RAMP DETAILS

FG	=	Finish Grade (Elevation ft.) i.e. FG XXX.XX'
TFC	=	Top Face of Curb (Elevation ft.)
TBC	=	Top Back of Curb (Elevation ft.)
BFC	=	Bottom Face of Curb (Elevation ft.)
gtr.	=	Gutter (Elevation ft.)
GS	=	Gutter Slope (%), i.e. X.X%
E	=	Curb Exposure (Inch), i.e. X"
CS	=	Counter Slope on gutter pan (%)
RRN	=	Ramp Run Number, i.e. RRX
cl.sp.	=	Clear Space
TS	=	Turning Space
XS	=	Cross Slope
LA	=	Level Area
DWS	=	Detectable Warning Surface
PAR	=	Pedestrian Access Route

INTERSECTION CONDITION TYPES

MB	=	Midblock
SU	=	Signalized or Uncontrolled
SY	=	Stop or Yield

LEGEND:

- Fire Hydrant
- Gas Valves Box (G V B)
- Inlet
- Sanitary Manhole
- Storm Manhole
- Pole Anchor
- Pole Base
- Pedestrian Pedestal
- Pedestrian Pushbutton
- Sign on a Post
- Traffic Signal Junction Box
- Utility Pole
- Utility Vault
- Water Meter
- Water Valve
- Cross Walk Barricade

CALC. BOOK NO. N/A

SDR DATE 07-SEPT-2021

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

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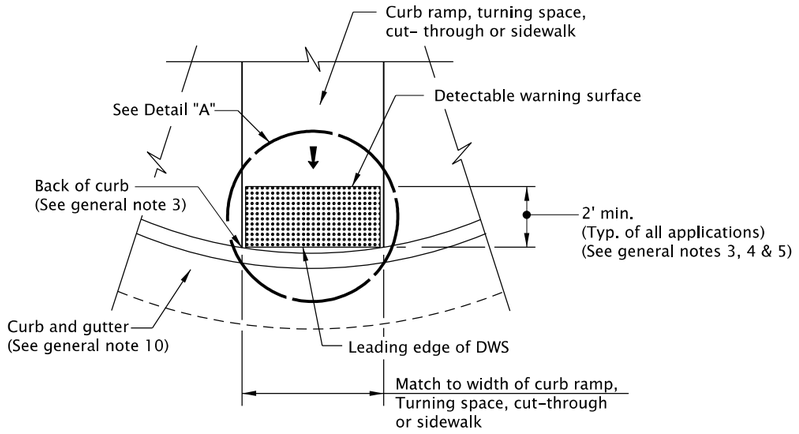
OREGON STANDARD DRAWINGS

CURB RAMP LEGEND AND CORNER IDENTIFICATION

2021

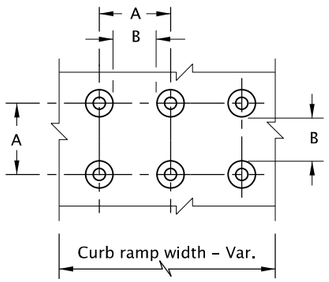
DATE	REVISION DESCRIPTION
07-2020	DRAWING CREATED
09-2021	REVISED NOTES

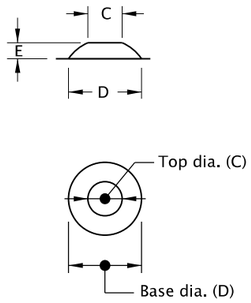
rd902.dgn 19-JUL-2021



DETECTABLE WARNING SURFACE DETAIL

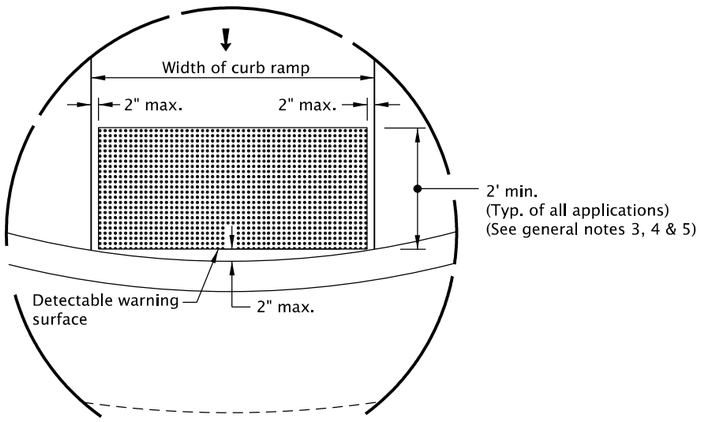
	A	B	C	D	E
MIN.	1.60"	0.65"	0.45"	0.90"	0.20"
MAX.	2.40"	--	0.91"	1.40"	0.20"





TRUNCATED DOME SPACING TRUNCATED DOME

TRUNCATED DOME DETAILS



DETAIL "A"

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Detectable warning surface details & locations are based on applicable ODOT Standards.
2. See project plans for details not shown.
   See Std. Dwgs. RD700 & RD701 for curbs.
3. The detectable warning surface shall extend the full width of the curb ramp opening, shared use path, blended transition, turning space, or other roadway entrance as applicable. A gap of up to 2 inches on each side of the detectable warning surface is permitted (measured at the leading edge of the detectable warning surface panel as shown in Detail "A").
4. Detectable warning surface shall be placed at the back of curb for a minimum depth of 2 ft. in the direction of pedestrian travel at curb ramps that are adjacent to traffic. Detectable warning surface may be radial or rectangular, but must comply with the truncated dome size and spacing standards. Detectable warning surface may be cut to meet necessary shape as shown in plans. Detectable warning surface across a grade break is prohibited. Place abutting panels within¼ inch of each other and install anchors, as specified by manufacturers, along cut edge.
5. Color to be safety yellow if no color specified in construction note. Alternative colors require a design exception on or along state highways.
6. Detectable warning surface shall be used in the following locations:
   a) Curb ramps at street crossings.
   b) Crossing islands (Accessible Route Islands).
   c) Rail crossings.
7. Where public transportation stations (rail, bus, etc.) use platform boarding, detectable warning surface shall be placed along the full edge length of the station, when not protected by platform screens or guards, (see Std. Dwg. RD908).
8. Detectable warning surface shall not be used on the following locations:
   a) End of sidewalk transitions that are not at a crosswalk, (see Std. Dwgs. RD950, RD952 and RD960).
   b) Driveways, unless constructed with curb return or are signalized.
   c) Parking lots, access aisles and passenger loading zones where curb ramp does not lead to vehicular way.
9. Where no curb is present, the detectable warning surface shall be placed at the edge of the roadway.
10. On or along state highways, curb and gutter is required at curb ramps.

LEGEND:

Detectable warning surface

Cross slope 1.5% max.
(Max. 2.0% finished surface slope)
(Normal sidewalk cross slope)

Running slope 7.5% max.
(Max. 8.3% finished surface slope)

CALC. BOOK NO. N/A

SDR DATE 19-JUL-2021

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

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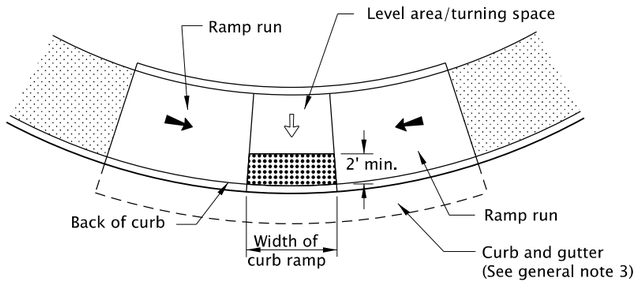
OREGON STANDARD DRAWINGS

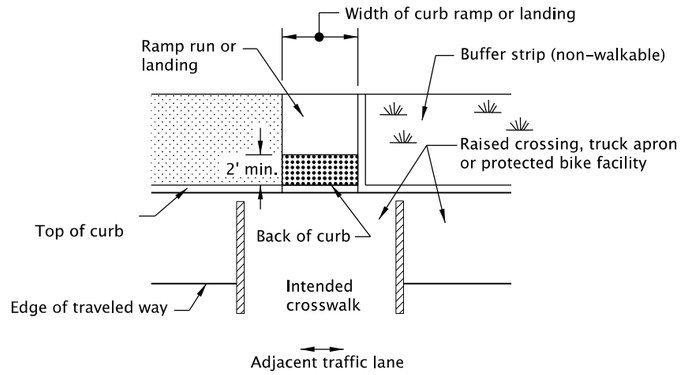
DETECTABLE WARNING SURFACE DETAILS

2021

DATE	REVISION DESCRIPTION
07-2020	DRAWING CREATED
07-2021	REVISED DETAIL AND NOTES



PARALLEL CURB RAMP



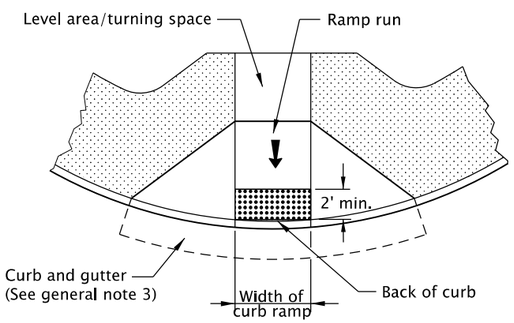
RAISED CROSSING, TRUCK APRON OR PROTECTED BIKE FACILITY

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

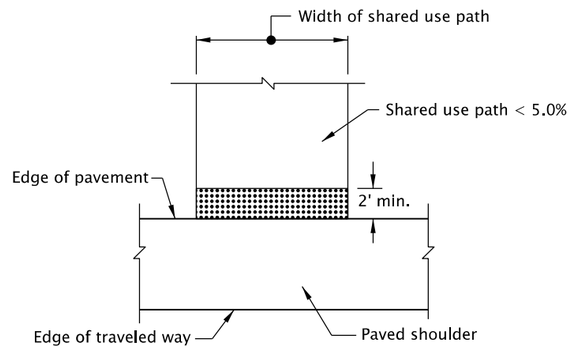
1. Detectable warning surface details & locations are based on applicable ODOT Standards.
2. See project plans for details not shown.
   See Std. Dwgs. RD700 & RD701 for curbs.
   See Std. Dwg. RD902 for detectable warning surface installation details.
3. On or along state highways, curb and gutter is required at curb ramps.
4. Detectable warning surface placement for perpendicular ramps vary as shown.

LEGEND:

- Marked or intended crossing location
- Sidewalk
- Detectable warning surface
- Cross slope 1.5% max. (Max. 2.0% finished surface slope) (Normal sidewalk cross slope)
- Running slope 7.5% max. (Max. 8.3% finished surface slope)



PERPENDICULAR CURB RAMP
GRADE BREAK IN FRONT OF CURB



SHARED-USE PATH CONNECTION

CALC. BOOK NO. N/A

SDR DATE 20-JULY-2020

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

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OREGON STANDARD DRAWINGS

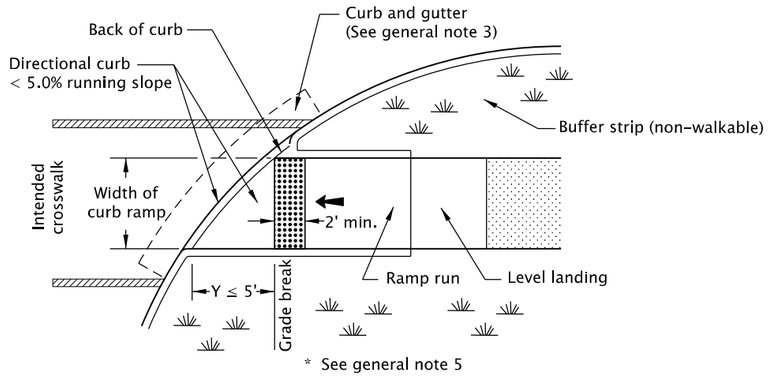
DETECTABLE WARNING SURFACE PLACEMENT FOR CURB RAMPS

2021

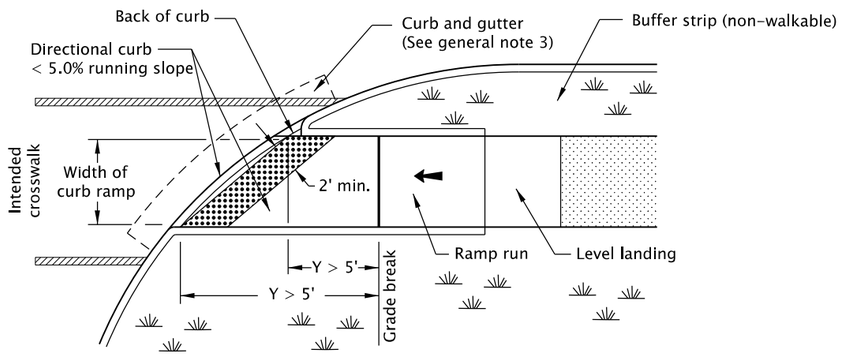
DATE	REVISION DESCRIPTION
07-2020	DRAWING CREATED

rd904.dgn 20-JUL-2020

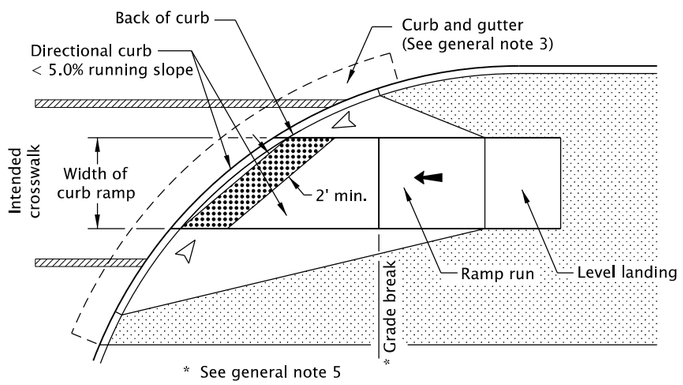
RD904



CURB RAMP CROSSING
GRADE BREAK ≤ 5 FT. FROM BACK OF CURB



CURB RAMP CROSSING
GRADE BREAK > 5 FT. FROM BACK OF CURB



CURB RAMP CROSSING
DIRECTIONAL CURB WITH FLARED CONSTRUCTION

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Detectable warning surface details & locations are based on applicable ODOT Standards.
2. See project plans for details not shown.
   See Std. Dwgs. RD700 & RD701 for curbs.
   See Std. Dwg. RD902 for detectable warning surface installation details.
3. On or along state highways, curb and gutter is required at curb ramps.
4. Detectable warning surface placement for perpendicular ramps vary as shown.
5. Detectable warning surface placement across the grade break is prohibited.

LEGEND:

- Marked or intended crossing location
- Sidewalk
- Detectable warning surface
- Running slope 7.5% max. (Max. 8.3% finished surface slope)
- Flare slope (Max. 10.0% finished surface slope)

CALC. BOOK NO. N/A

SDR DATE 20-JULY-2020

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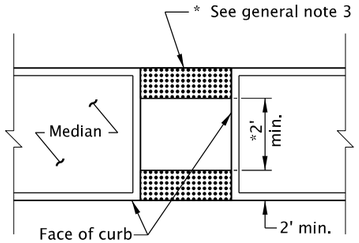
OREGON STANDARD DRAWINGS
DETECTABLE WARNING SURFACE PLACEMENT FOR DIRECTIONAL CURBS

2021

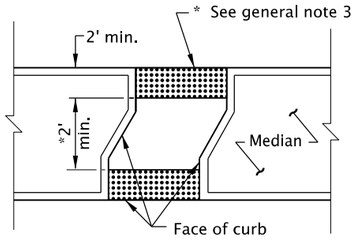
DATE	REVISION DESCRIPTION
07-2020	DRAWING CREATED

rd905.dgn 20-JUL-2020

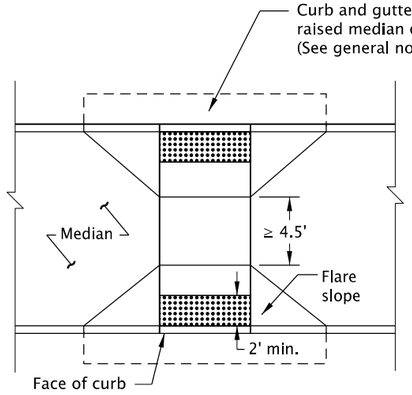
RD905



* Omit detectable warning surfaces if less than 2'



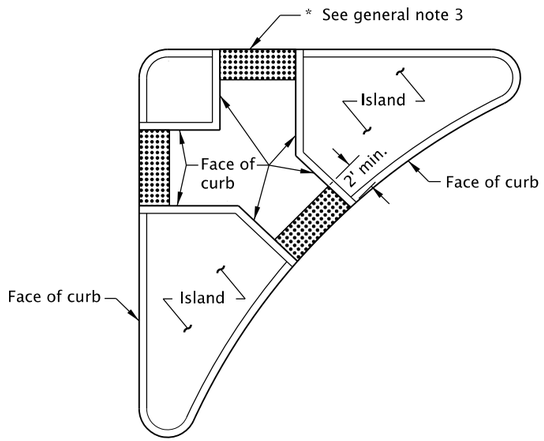
CUT-THROUGH
(Asph. conc. surface shown)



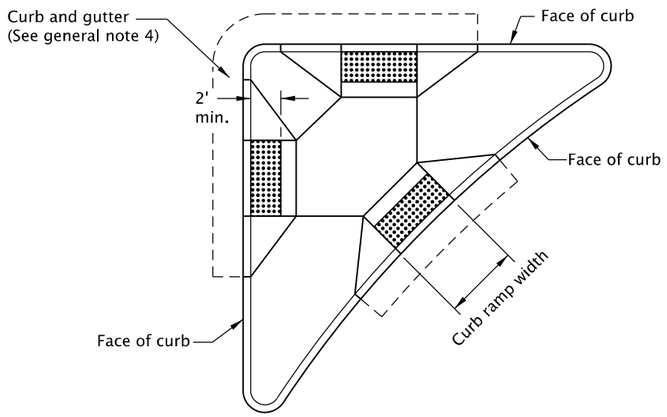
RAISED MEDIAN
(P.C. conc. surface shown)

MEDIAN CROSSING

* Omit detectable warning surfaces if less than 2'



CUT-THROUGH ISLAND
(Asph. conc. surface shown)



RAISED ISLAND
(P.C. conc. surface shown)

RIGHT TURN CHANNELIZATION ISLAND

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Detectable warning surface details & locations are based on applicable ODOT Standards.

2. See project plans for details not shown.
   See Std. Dwgs. RD700 & RD701 for curbs.
   See Std. Dwgs. RD710 & RD711 for accessible route island.
   See Std. Dwg. RD902 for detectable warning surface installation details.

3. Detectable warning surfaces shall be separated by a 2.0 ft minimum length of walkway without detectable warnings. Where the island has no curb, the detectable warning surface shall be placed at the edge of roadway.

4. On or along state highways, curb and gutter is required at curb ramps.

5. Details intended for pedestrian route only. For protected bike lanes on multi-use paths, see project plans for specific details.

LEGEND:

Detectable warning surface

CALC. BOOK NO. N/A

SDR DATE 20-JULY-2020

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OREGON STANDARD DRAWINGS

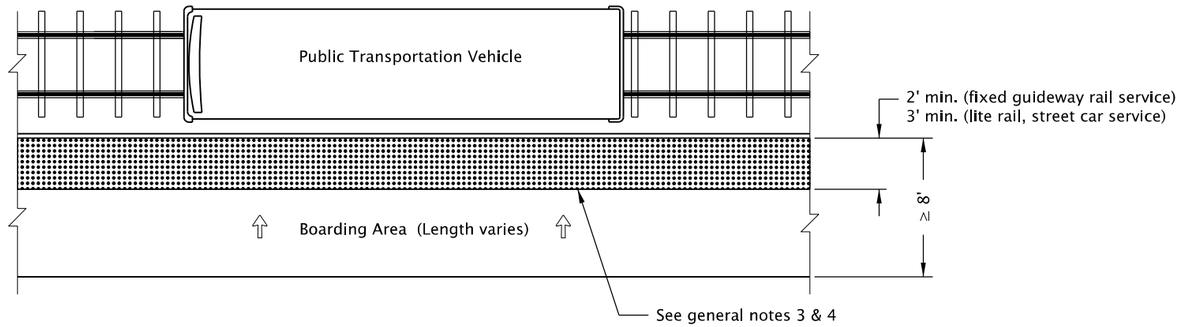
DETECTABLE WARNING SURFACE PLACEMENT FOR ACCESSIBLE ROUTE ISLAND

2021

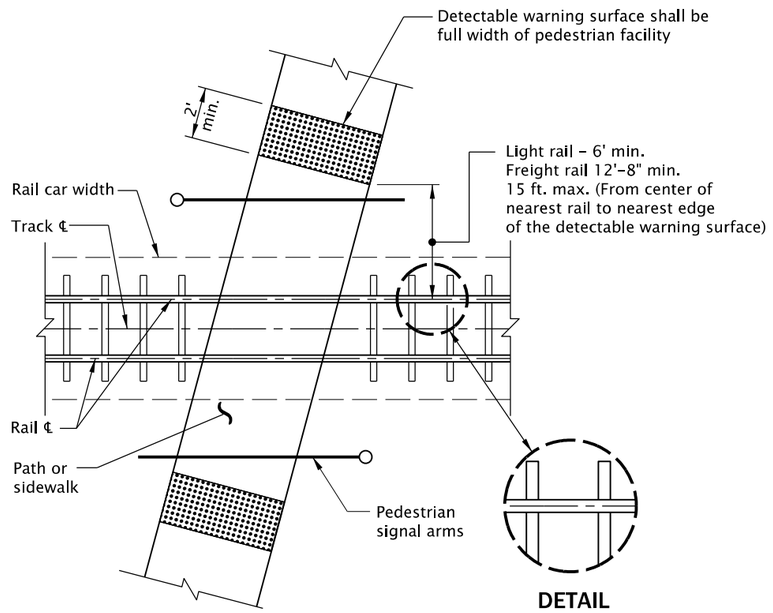
DATE	REVISION DESCRIPTION
07-2020	DRAWING CREATED

rd906.dgn 20-JUL-2020

RD906



PUBLIC TRANSPORTATION STATION
Rail or Transit Service



AT-GRADE RAIL CROSSING

NOTES:

a. Detectable warning surfaces shall be outside of crossing arms where they exist.

b. Pedestrian rail crossings are generally perpendicular to the rail. Skew shown for minimum distance of detectable warning surface.

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Detectable warning surface details & locations are based on applicable ODOT Standards.
2. See project plans for details not shown.
   See Std. Dwg. RD902 for detectable warning surface installation details.
3. Place detectable warning surface along the full length of the rail station, when not protected by screens or guards on raised platforms, sidewalk, and street level boarding areas.
4. Place detectable warning surface along the full length of the transit station, when not protected by screens or guards on raised platforms and sidewalk boarding areas.

LEGEND:

Detectable warning surface

Cross slope 1.5% max.
(Max. 2.0% finished surface slope)

CALC. BOOK NO. N/A

SDR DATE 20-JULY-2020

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OREGON STANDARD DRAWINGS

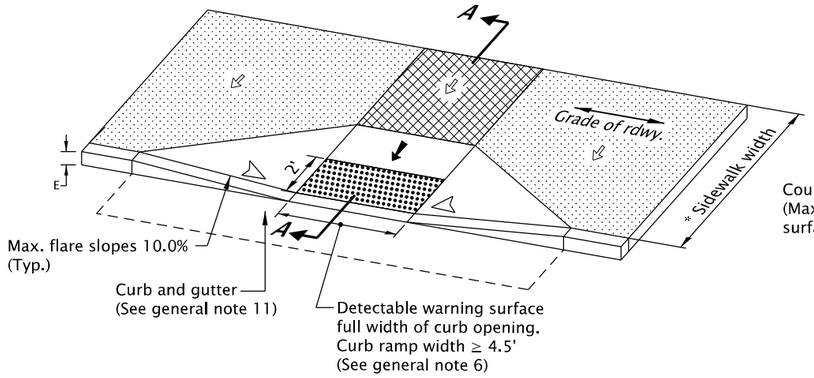
DETECTABLE WARNING SURFACE PLACEMENT

2021

DATE	REVISION DESCRIPTION
07-2020	DRAWING CREATED

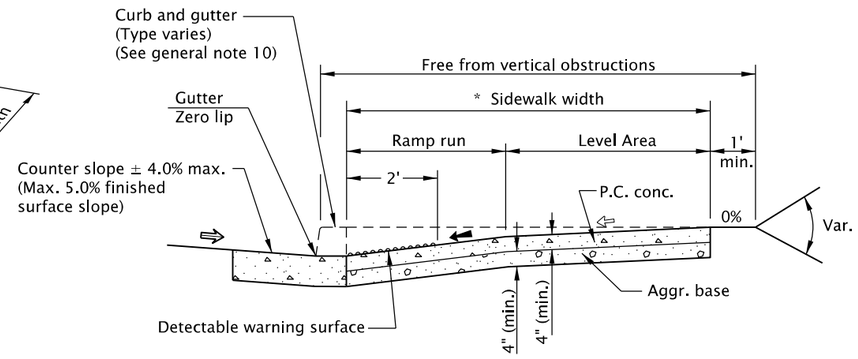
rd908.dgn 20-JUL-2020

RD908



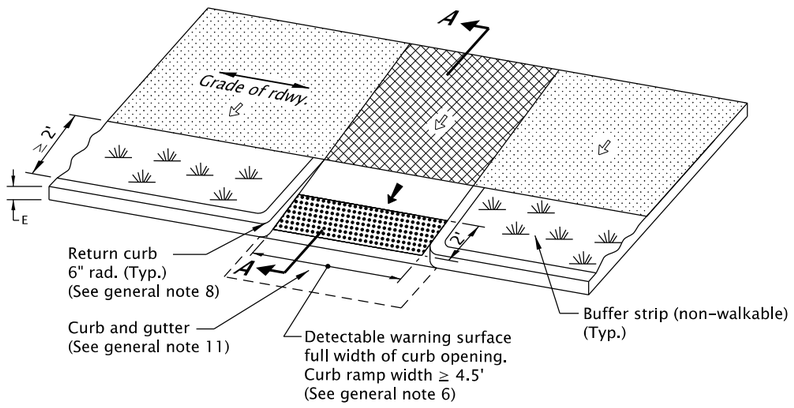
PERPENDICULAR CURB RAMP DETAIL

(Use "Parallel Curb Ramp Detail" or "Combination Curb Ramp Detail" when reqd. turning space cannot be obtained)

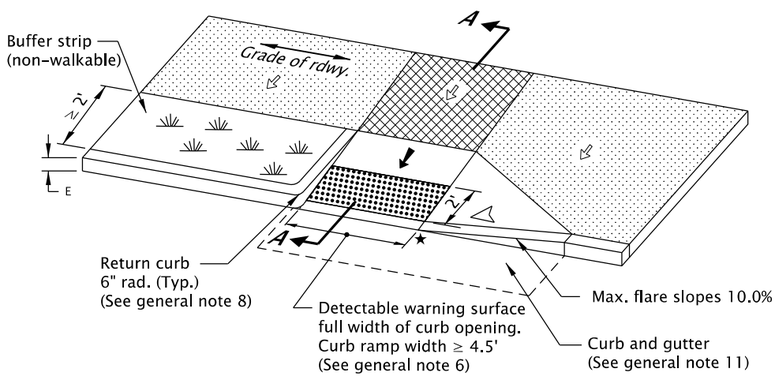


SECTION A-A

* NOTE: Minimum width of 14.25 feet sidewalk for E=7"



THROUGH BUFFER STRIP



WITH SINGLE FLARE

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Curb ramp details are based on applicable ODOT Standards.
2. See Std. Dwgs. RD700 & RD701 for curbs.
   See Std. Dwgs. RD720 & RD721 for sidewalks.
   See Std. Dwgs. RD902 through RD908 for detectable warning surface installation details.
   See Std. Dwgs. RD912 through RD916 for curb ramp placement options.
3. Site conditions normally require a project specific design. See project plans for details not shown.
4. Tooled dummy joints are required at all curb ramp grade break lines, (see Std. Dwg. RD722).
5. Curb ramp slopes shown are relative to the true level horizon (zero bubble).
6. Place detectable warning surface at the back of curb for a minimum depth of 2' in the direction of pedestrian travel full width of curb ramp opening that is adjacent to traffic.
7. Grade breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run. Grade breaks shall not be permitted on the surface of ramp runs and turning spaces. Surface slopes that meet at grade breaks shall be flush.
8. Return curb may be provided in lieu of flared slope only if protected from traverse travel by landscaping, see Std. Dwg. RD721. Return curb shall not reduce width of approaching sidewalk.
9. Curb ramps for shared use paths intersecting a roadway shall be full width of path, excluding flares. When a curb ramp is used to provide bicycle access from a roadway to a sidewalk, the curb ramp opening will be ≥ 8' wide.
10. Place an inlet at upstream side of curb ramp or perform other approved design mitigation. Check the gutter flow depth at curb ramp locations to assure that the design flood does not overtop the back of sidewalk.
11. On or along state highways, curb and gutter is required at curb ramps.

LEGEND:

- Sidewalk
- Detectable warning surface
- Level area (Turning space/landing)
  Unobstructed 4.5' x 4.5'
  With obstruction 4.5' x 5.5' (Longer dimension in direction of pedestrian street crossing).
  For the purposes of this application, a max. 2.0% finished surface slope (for drainage) measured perpendicular in two directions is considered level.
- Cross slope 1.5% max.
  (Max. 2.0% finished surface slope)
  (Normal sidewalk cross slope)
- Running slope 7.5% max.
  (Max. 8.3% finished surface slope)
- Counter slope 4.0% max. ascending or descending,
  (Max. 5.0% finished surface slope)
  Slope as required for drainage
- Flare slope
  (Max. 10% finished surface slope)

CALC. BOOK NO. N/A

SDR DATE 20-JULY-2020

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

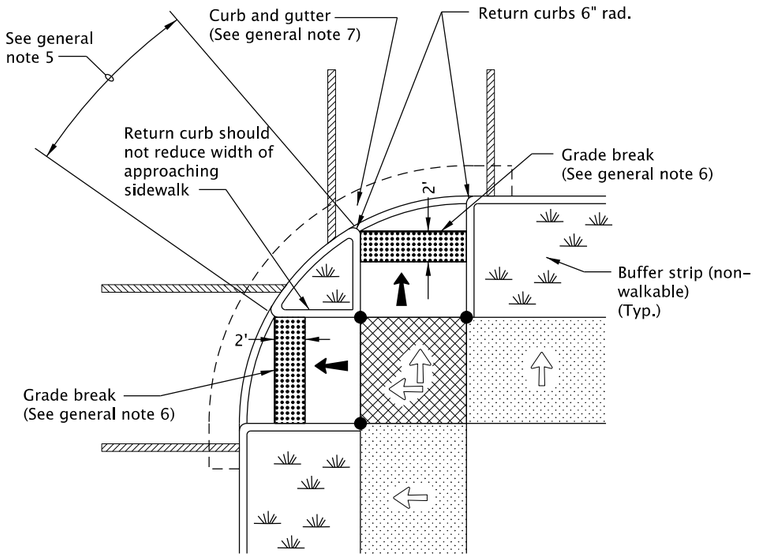
PERPENDICULAR CURB RAMP

2021

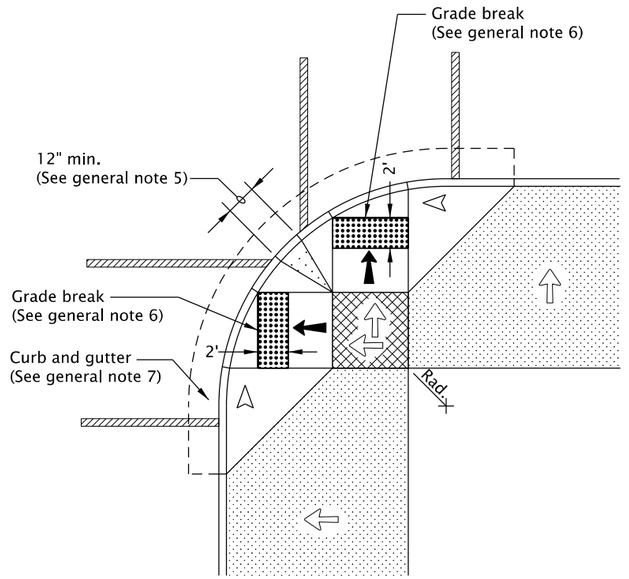
DATE	REVISION DESCRIPTION
07-2020	DRAWING CREATED

rd910.dgn 20-JUL-2020

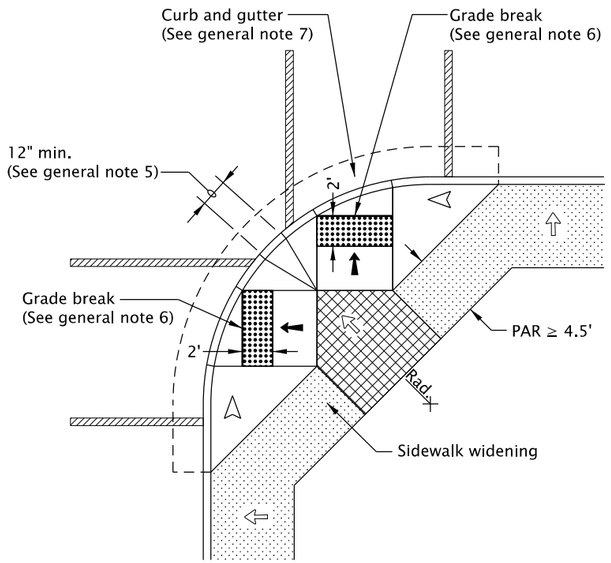
RD910



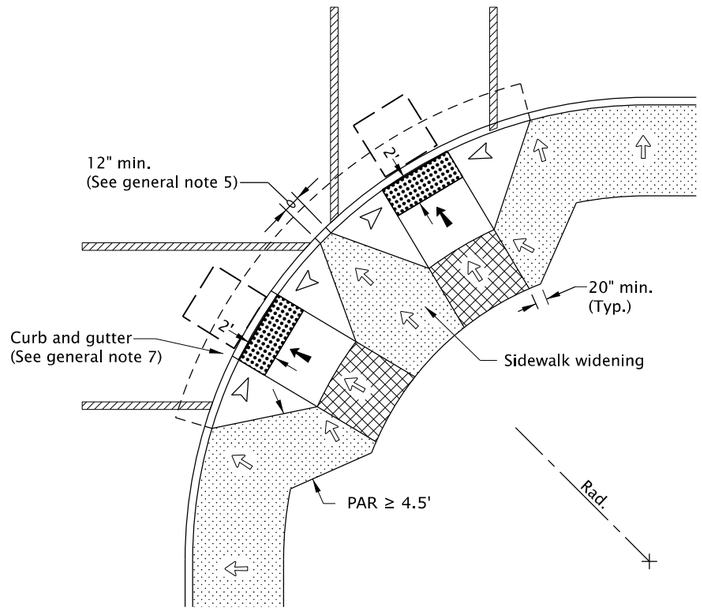
WITH LANDSCAPED BUFFER STRIP
OPTION "PR-1"



FOR WIDE SIDEWALKS
OPTION "PR-2"



FOR NARROW SIDEWALKS
OPTION "PR-3"



FOR NARROW SIDEWALKS
OPTION "PR-4"

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Curb ramp details are based on applicable ODOT Standards.
2. See project plans for details not shown.
   See Std. Dwgs. RD700 & RD701 for curbs.
   See Std. Dwgs. RD720 & RD721 for sidewalks.
   See Std. Dwg. RD910 for perpendicular curb ramp details.
   See Std. Dwgs. RD902 through RD908 for detectable warning surface installation details.
3. Tooled dummy joints are required at all curb ramp grade break lines, (see Std. Dwg. RD722).
4. Curb ramp slopes shown are relative to the true level horizon (zero bubble).
5. When 2 curb ramps are immediately adjacent, the curb exposure (E) between the adjacent side flares may range between 3" and full design exposure.
6. Grade breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run. Grade breaks shall not be permitted on the surface of ramp runs and turning spaces. Surface slopes that meet at grade breaks shall be flush.
7. On or along state highways, curb and gutter is required at curb ramps.

LEGEND:

- Marked or intended crossing location
- Sidewalk
- Detectable warning surface
- Level area (Turning space/landing)
  Unobstructed 4.5' x 4.5'
  With obstruction 4.5' x 5.5' (Longer dimension in direction of pedestrian street crossing).
  For the purposes of this application, a max. 2.0% finished surface slope (for drainage) measured perpendicular in two directions is considered level.
- ⇦ Cross slope 1.5% max.
  (Max. 2.0% finished surface slope)
  (Normal sidewalk cross slope)
- ⬅ Running slope 7.5% max.
  (Max. 8.3% finished surface slope)
- ◁ Flare slope
  (Max. 10% finished surface slope)
- • Zero curb exposure
- ⌐¬ 4' x 4' clear space
- PAR Pedestrian Access Route

CALC. BOOK NO. N/A

SDR DATE 19-JUL-2021

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

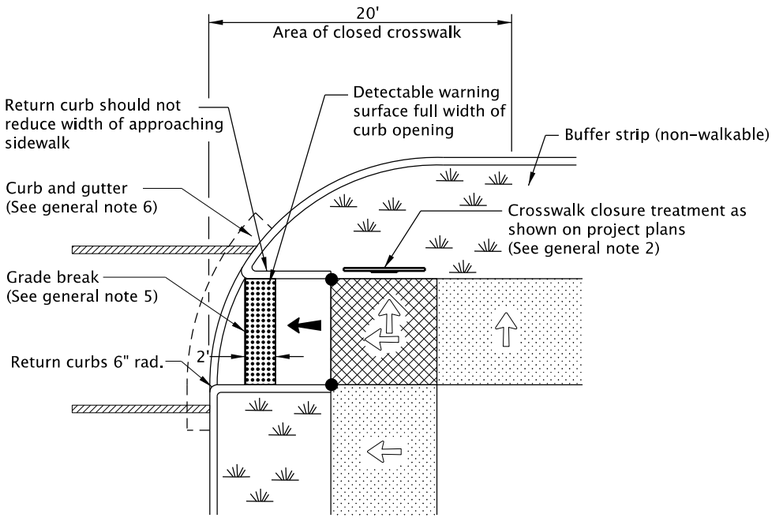
PERPENDICULAR CURB RAMP

2021

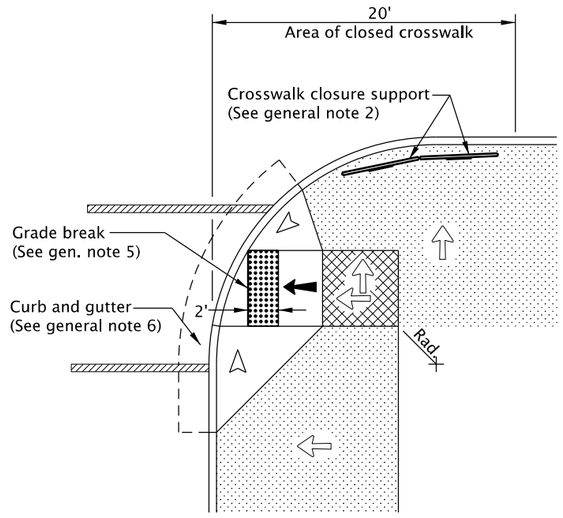
DATE	REVISION DESCRIPTION
07-2020	DRAWING CREATED
07-2021	REVISED DETAIL AND NOTES

rd912.dgn 19-JUL-2021

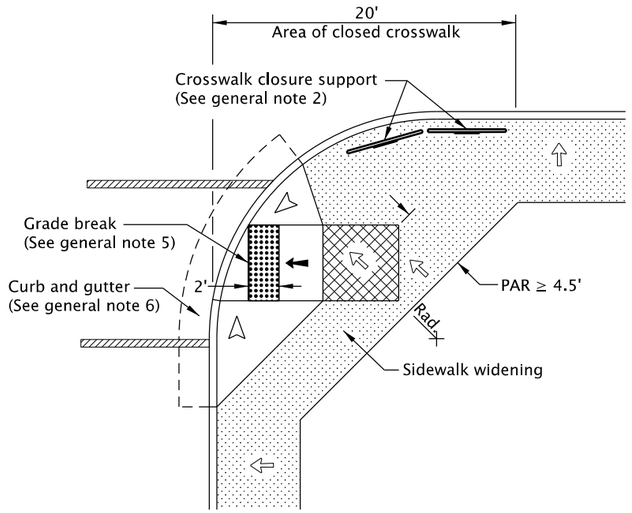
rd913.dgn 20-JUL-2020



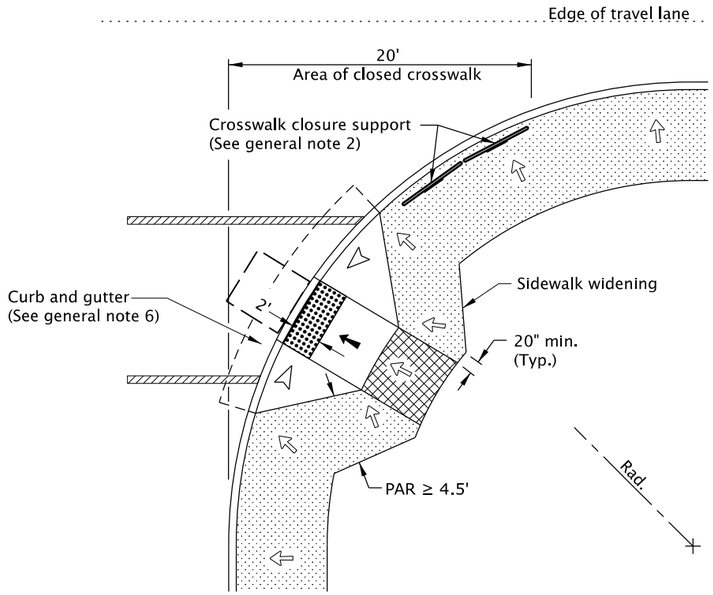
CROSSWALK CLOSURE WITH LANDSCAPE BUFFER STRIP OPTION "PR-5"



CROSSWALK CLOSURE FOR WIDE SIDEWALK OPTION "PR-6"



CROSSWALK CLOSURE FOR NARROW SIDEWALK OPTION "PR-7"



CROSSWALK CLOSURE OPTION "PR-8"

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Curb ramp details are based on applicable ODOT Standards.

2. See project plans for details not shown.
   See Std. Dwgs. RD700 & RD701 for curbs.
   See Std. Dwgs. RD720 & RD721 for sidewalks.
   See Std. Dwg. RD910 for perpendicular curb ramp details.
   See Std. Dwgs. RD902 through RD908 for detectable warning surface installation details.
   See Std. Dwg. TM240 for crosswalk closure detail.

3. Tooled dummy joints are required at all curb ramp grade break lines, (see Std. Dwg. RD722).

4. Curb ramp slopes shown are relative to the true level horizon (zero bubble).

5. Grade breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run. Grade breaks shall not be permitted on the surface of ramp runs and turning spaces. Surface slopes that meet at grade breaks shall be flush.

6. On or along state highways, curb and gutter is required at curb ramps.

LEGEND:

- Marked or intended crossing location
- Sidewalk
- Detectable warning surface
- Level area (Turning space/landing)
  Unobstructed 4.5' x 4.5'
  With obstruction 4.5' x 5.5' (Longer dimension in direction of pedestrian street crossing).
  For the purposes of this application, a max. 2.0% finished surface slope (for drainage) measured perpendicular in two directions is considered level.
- ⇦ Cross slope 1.5% max.
  (Max. 2.0% finished surface slope)
  (Normal sidewalk cross slope)
- ⬅ Running slope 7.5% max.
  (Max. 8.3% finished surface slope)
- ◁ Flare slope
  (Max. 10% finished surface slope)
- • Zero curb exposure
- 4' x 4' clear space
- PAR Pedestrian Access Route

CALC. BOOK NO. N/A

SDR DATE 20-JULY-2020

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

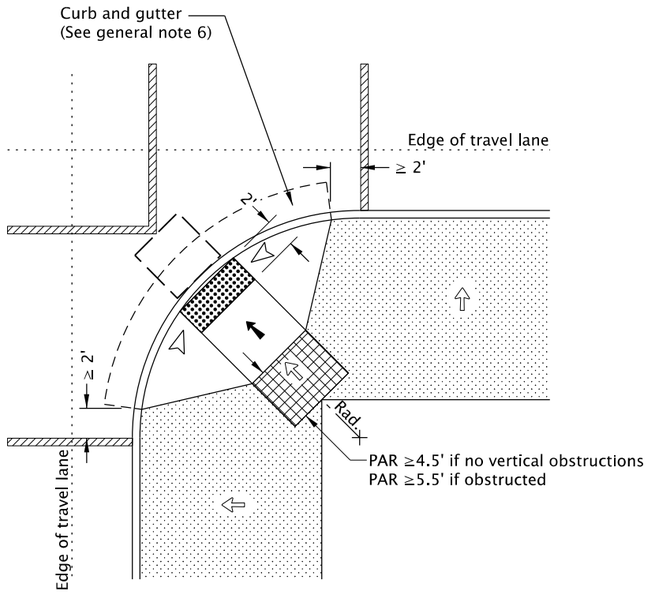
PERPENDICULAR CURB RAMP WITH CLOSURE

2021

DATE	REVISION DESCRIPTION
07-2020	DRAWING CREATED

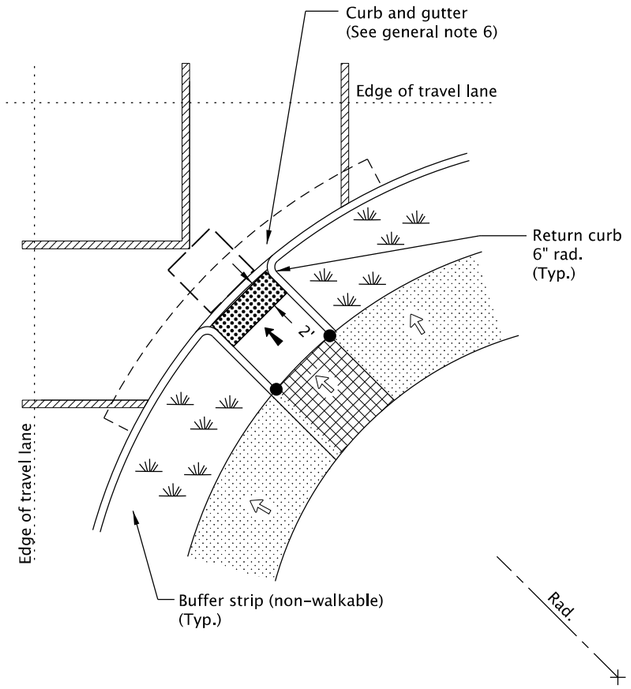
RD913

rd916.dgn 20-JUL-2020



DIAGONAL CURB RAMP FOR WIDE SIDEWALKS OPTION "PR-9"

(Use only when site constraints prohibit installing two curb ramps)



DIAGONAL CURB RAMP WITH LANDSCAPED BUFFER STRIP OPTION "PR-10"

(Use only when site constraints prohibit installing two curb ramps)

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Curb ramp details are based on applicable ODOT Standards.

2. See project plans for details not shown.
   See Std. Dwgs. RD700 & RD701 for curbs.
   See Std. Dwgs. RD720 & RD721 for sidewalks.
   See Std. Dwg. RD910 for perpendicular curb ramp details.
   See Std. Dwgs. RD902 through RD908 for detectable warning surface installation details.

3. Tooled dummy joints are required at all curb ramp slope break lines, (see Std. Dwg. RD722).

4. Curb ramp slopes shown are relative to the true level horizon (zero bubble).

5. Only use curb ramp options allowed by jurisdiction. Single ramps required design exceptions on or along state highways.

6. On or along state highways, curb and gutter is required at curb ramps.

LEGEND:

- Marked or intended crossing location
- Sidewalk
- Detectable warning surface
- Level area (Turning space/landing)
  Unobstructed 4.5' x 4.5'
  With obstruction 4.5' x 5.5' (Longer dimension in direction of pedestrian street crossing).
  For the purposes of this application, a max. 2.0% finished surface slope (for drainage) measured perpendicular in two directions is considered level.
- Cross slope 1.5% max.
  (Max. 2.0% finished surface slope)
  (Normal sidewalk cross slope)
- Running slope 7.5% max.
  (Max. 8.3% finished surface slope)
- Flare slope
  (Max. 10% finished surface slope)
- 4'x4' clear space
- PAR — Pedestrian Access Route
- Zero curb exposure

CALC. BOOK NO. N/A

SDR DATE 20-JULY-2020

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

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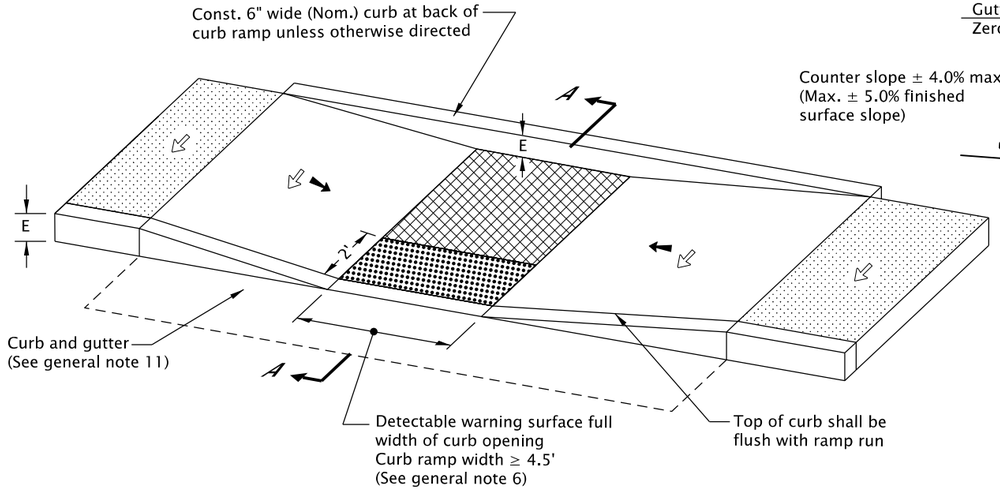
OREGON STANDARD DRAWINGS

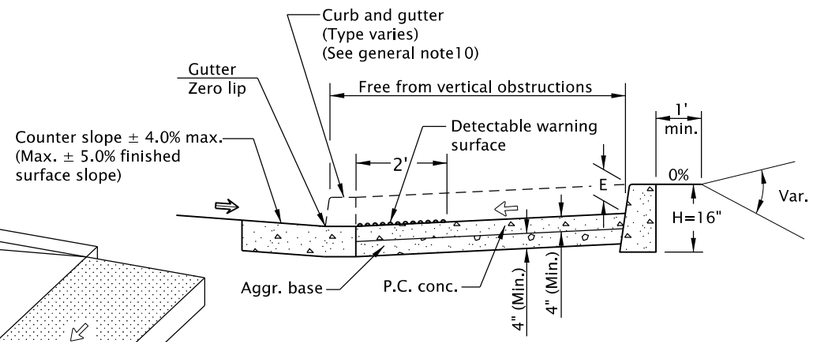
PERPENDICULAR CURB RAMP SINGLE RAMP

2021

DATE	REVISION DESCRIPTION
07-2020	DRAWING CREATED

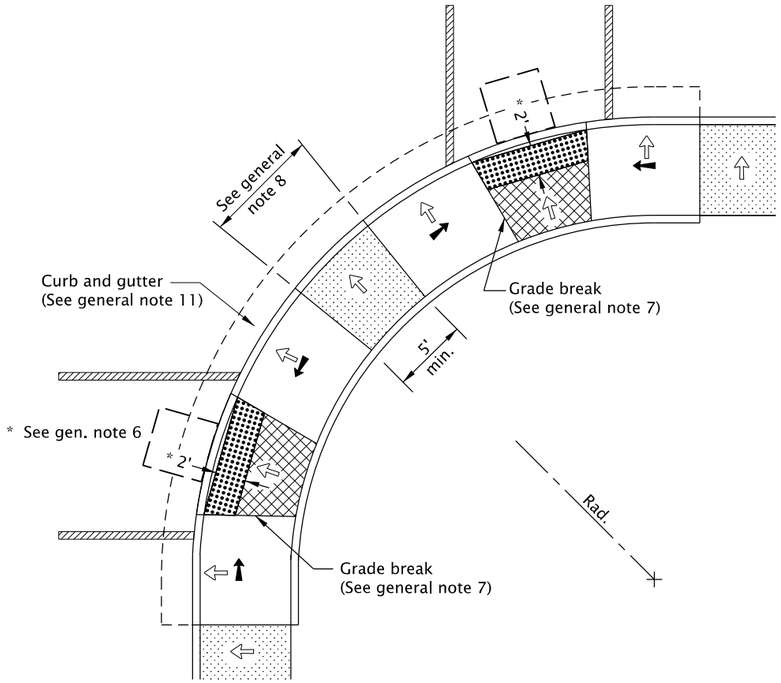
RD916



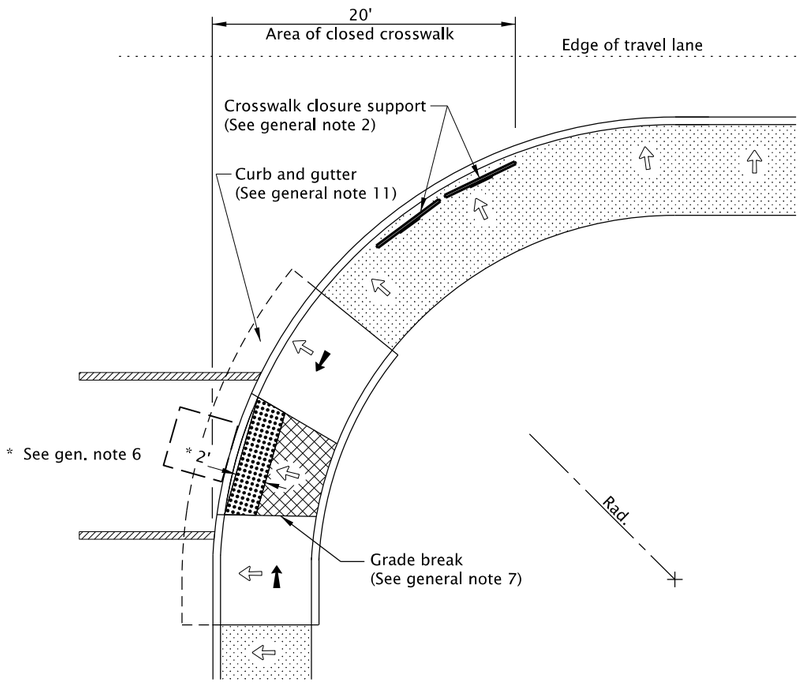


SECTION A-A

PARALLEL CURB RAMP DETAIL



PARALLEL CURB RAMPS
OPTION "PL-1"



PARALLEL CURB RAMP WITH CROSSWALK CLOSURE
OPTION "PL-2"

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Curb ramp details are based on applicable ODOT Standards.
2. See Std. Dwgs. RD700 & RD701 for curbs.
   See Std. Dwgs. RD720 & RD721 for sidewalks.
   See Std. Dwgs. RD902 through RD908 for detectable warning surface installation details.
   See Std. Dwg. TM240 for crosswalk closure detail.
3. Site conditions normally require a project specific design. See project plans for details not shown.
4. Tooled dummy joints are required at all curb ramp grade break lines, (see Std. Dwg. RD722).
5. Curb ramp slopes shown are relative to the true level horizon (zero bubble).
6. Place detectable warning surface at the back of curb for a minimum depth of 2' in the direction of pedestrian travel full width of curb ramp opening that is adjacent to traffic.
7. Grade breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run. Grade breaks shall not be permitted on the surface of ramp runs and turning spaces. Surface slopes that meet at grade breaks shall be flush.
8. When 2 ramp runs are immediately adjacent, the curb exposure (E) between the adjacent side may range between 3" and full design exposure.
9. Curb ramps for shared use paths intersecting a roadway shall be full width of path, excluding flares. When a curb ramp is used to provide bicycle access from a roadway to a sidewalk, the curb ramp opening will be ≥ 8' wide.
10. Place an inlet at upstream side of curb ramp or perform other approved design mitigation. Check the gutter flow depth at curb ramp locations to assure that the design flood does not overtop the back of sidewalk.
11. On or along state highways, curb and gutter is required at curb ramps.

LEGEND:

- Sidewalk
- Detectable warning surface
- Level area (Turning space/landing)
  Unobstructed 4.5' x 4.5'
  With obstruction 4.5' x 5.5' (Longer dimension in direction of pedestrian street crossing).
  For the purposes of this application, a max. 2.0% finished surface slope (for drainage) measured perpendicular in two directions is considered level.
- Cross slope 1.5% max.
  (Max. 2.0% finished surface slope)
  (Normal sidewalk cross slope)
- Running slope 7.5% max.
  (Max. 8.3% finished surface slope)
- Counter slope 4.0% max. ascending or descending,
  (Max. 5.0% finished surface slope)
  Slope as required for drainage
- 4'x4' clear space

CALC. BOOK NO. N/A

SDR DATE 19-JUL-2021

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

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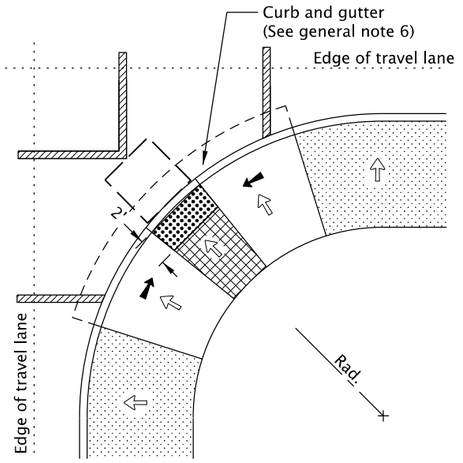
OREGON STANDARD DRAWINGS

PARALLEL CURB RAMP

2021

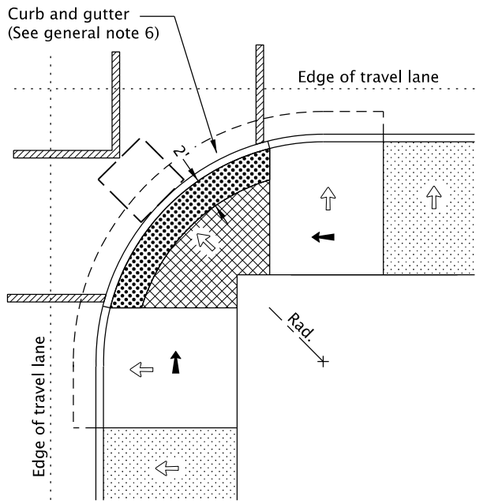
DATE	REVISION DESCRIPTION
07-2020	DRAWING CREATED
07-2021	REVISED DETAIL AND NOTES

rd920.dgn 19-JUL-2021



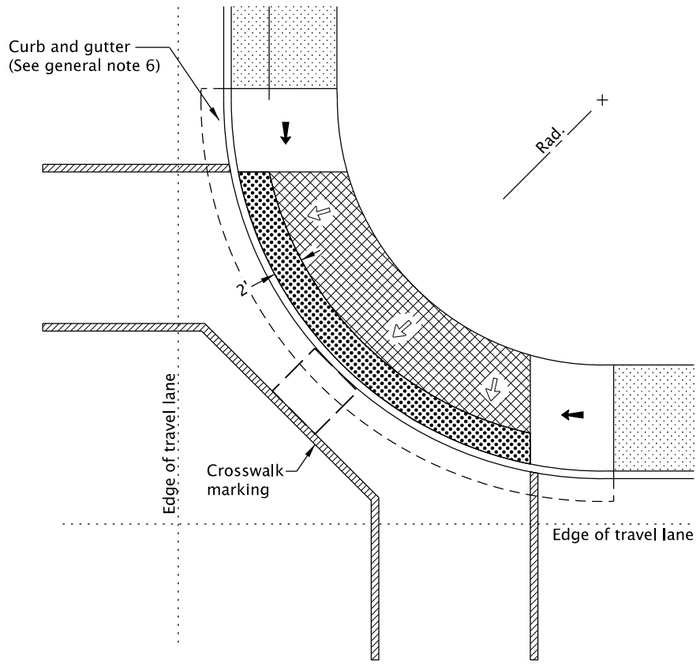
DIAGONAL PARALLEL CURB RAMP
OPTION "PL-3"

(Use only when site constraints prohibit installing two curb ramps)



DEPRESSED CURB RAMP SMALL RADIUS
OPTION "PL-4"

(Use only when site constraints prohibit installing two curb ramps)



DEPRESSED CURB RAMP LARGE RADIUS
OPTION "PL-5"

(Use only when site constraints prohibit installing two curb ramps)

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Curb ramp details are based on applicable ODOT Standards.
2. See project plans for details not shown.
   See Std. Dwgs. RD700 & RD701 for curbs.
   See Std. Dwgs. RD720 & RD721 for sidewalks.
   See Std. Dwgs. RD902 through RD908 for detectable warning surface installation details.
   See Std. Dwg. RD920 for parallel curb ramp details.
3. Tooled dummy joints are required at all curb ramp slope break lines, (see Std. Dwg. RD722).
4. Curb ramp slopes shown are relative to the true level horizon (zero bubble).
5. Place an inlet at upstream side of curb ramp or perform other approved design mitigation. Check the gutter flow depth at curb ramp locations to assure that the design flood does not overtop the back of sidewalk.
6. On or along state highways, curb and gutter is required at curb ramps.
7. Grade breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run. Grade breaks shall not be permitted on the surface of ramp runs and turning spaces. Surface slopes that meet at grade breaks shall be flush.
8. Only use curb ramp options allowed by jurisdiction. Single ramps require design exceptions on or along state highways.

LEGEND:

- Marked or intended crossing location
- Sidewalk
- Detectable warning surface
- Level area (Turning space/landing)
  Unobstructed 4.5' x 4.5'
  With obstruction 4.5' x 5.5' (Longer dimension in direction of pedestrian street crossing).
  For the purposes of this application, a max. 2.0% finished surface slope (for drainage) measured perpendicular in two directions is considered level.
- Cross slope 1.5% max.
  (Max. 2.0% finished surface slope)
  (Normal sidewalk cross slope)
- Running slope 7.5% max.
  (Max. 8.3% finished surface slope)
- 4'x4' clear space

CALC. BOOK NO. N/A

SDR DATE 20-JULY-2020

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

PARALLEL CURB RAMP
SINGLE RAMP

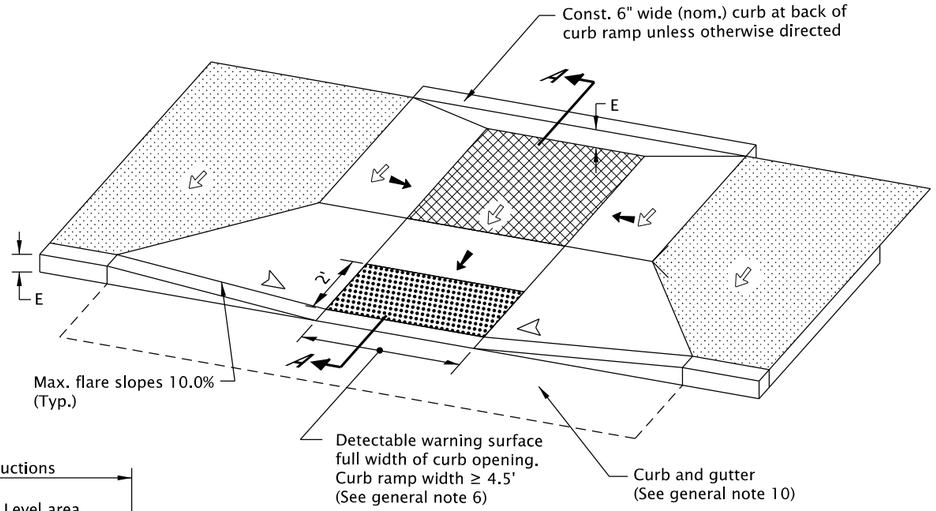
2021

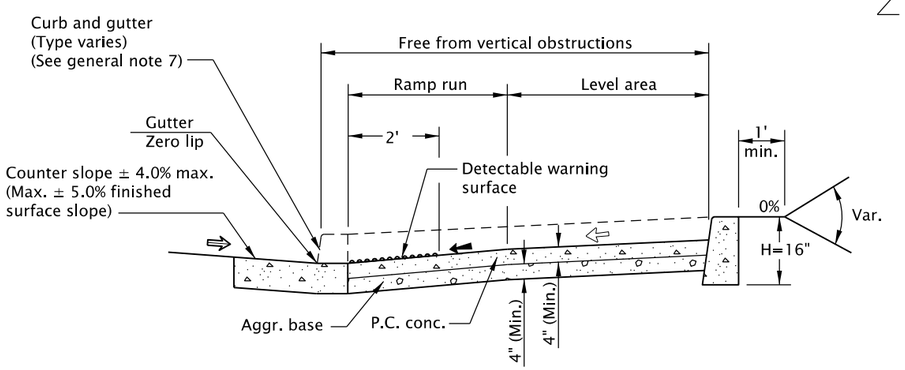
DATE	REVISION DESCRIPTION
07-2020	DRAWING CREATED

rd922.dgn 20-JUL-2020

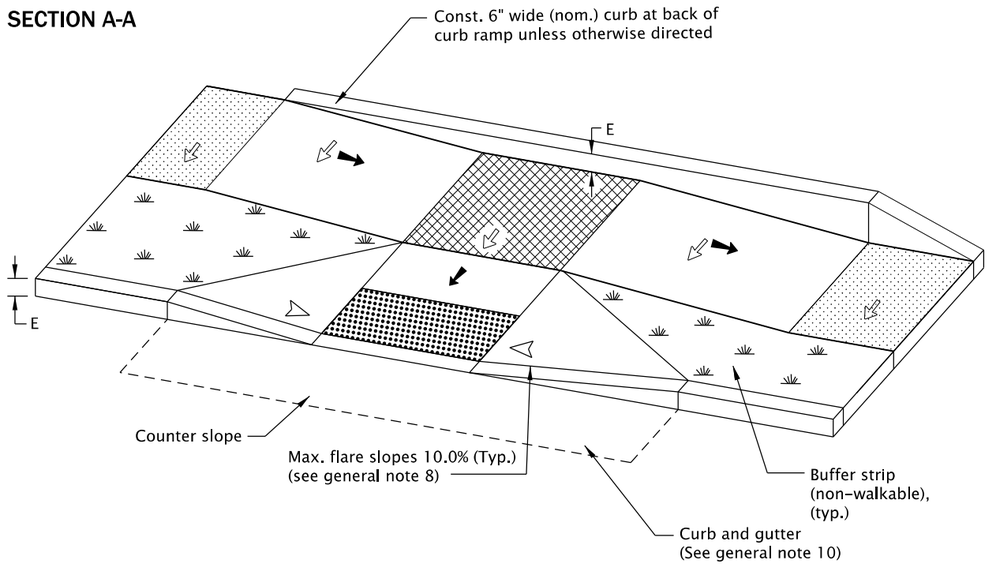
RD922

rd930.dgn 19-JUL-2021





SECTION A-A



COMBINATION CURB RAMP DETAIL

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Curb ramp details are based on applicable ODOT Standards.
2. See project plans for details not shown.
   See Std. Dwgs. RD700 & RD701 for curbs.
   See Std. Dwgs. RD720 & RD721 for sidewalks.
   See Std. Dwgs. RD902 through RD908 for detectable warning surface installation details.
3. Site conditions normally require a project specific design. See project plans for details not shown.
4. Tooled dummy joints are required at all curb ramp slope break lines, (see Std. Dwg. RD722).
5. Curb ramp slopes shown are relative to the true level horizon (zero bubble).
6. Place detectable warning surface at the back of curb for a minimum depth of 2' in the direction of pedestrian travel full width of curb ramp opening that is adjacent to traffic.
7. Place an inlet at upstream side of curb ramp or perform other approved design mitigation. Check the gutter flow depth at curb ramp locations to assure that the design flood does not overtop the back of sidewalk.
8. Return curb may be provided in lieu of flared slope only if protected from traverse travel by landscaping, see Std. Dwg. RD721. Return curb shall not reduce width of approaching sidewalk.
9. Curb ramps for shared use paths intersecting a roadway shall be full width of path, excluding flares. When a curb ramp is used to provide bicycle access from a roadway to a sidewalk, the curb ramp opening will be ≥ 8' wide.
10. On or along state highways, curb and gutter is required at curb ramps.
11. Grade breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run. Grade breaks shall not be permitted on the surface of ramp runs and turning spaces. Surface slopes that meet at grade breaks shall be flush.

LEGEND:

- Marked or intended crossing location
- Sidewalk
- Detectable warning surface
- Level area (Turning space/landing)
  Unobstructed 4.5' x 4.5'
  With obstruction 4.5' x 5.5' (Longer dimension in direction of pedestrian street crossing).
  For the purposes of this application, a max. 2.0% finished surface slope (for drainage) measured perpendicular in two directions is considered level.
- ⇦ Cross slope 1.5% max.
  (Max. 2.0% finished surface slope)
  (Normal sidewalk cross slope)
- ⬅ Running slope 7.5% max.
  (Max. 8.3% finished surface slope)
- ⇦ Counter slope 4.0% max. ascending or descending,
  (Max. 5.0% finished surface slope)
  Slope as required for drainage
- ◁ Flare slope
  (Max. 10% finished surface slope)

CALC. BOOK NO. N/A

SDR DATE 19-JUL-2021

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

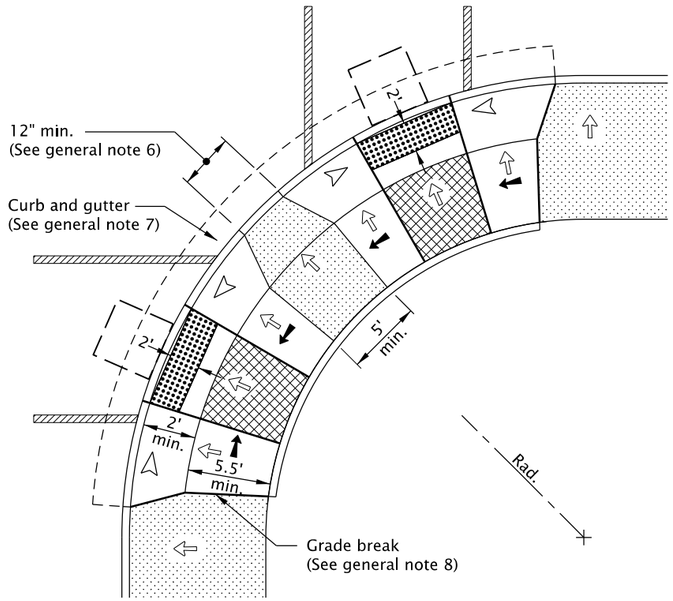
OREGON STANDARD DRAWINGS

COMBINATION CURB RAMP

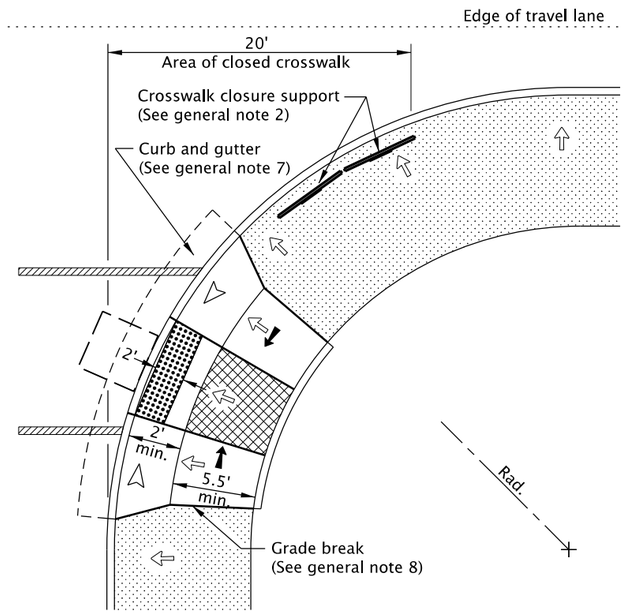
2021

DATE	REVISION DESCRIPTION
07-2020	DRAWING CREATED
07-2021	REVISED DETAILS AND NOTES

rd932.dgn 20-JUL-2020



COMBINATION CURB RAMPS
OPTION "CC-1"



COMBINATION CURB RAMP WITH CROSSWALK CLOSURE
OPTION "CC-2"

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Curb ramp details are based on applicable ODOT Standards.

2. See project plans for details not shown.
   See Std. Dwgs. RD700 & RD701 for curbs.
   See Std. Dwgs. RD720 & RD721 for sidewalks.
   See Std. Dwgs. RD902 through RD908 for detectable warning surface installation details.
   See Std. Dwg. RD930 for combination curb ramp details.
   See Std. Dwg. TM240 for crosswalk closure detail.

3. Site conditions normally require a project specific design. See project plans for details not shown.

4. Tooled dummy joints are required at all curb ramp slope break lines, (see Std. Dwg. RD722).

5. Curb ramp slopes shown are relative to the true level horizon (zero bubble).

6. When 2 curb ramps are immediately adjacent, the curb exposure (E) between the adjacent side flares may range between 3" and full design exposure.

7. On or along state highways, curb and gutter is required at curb ramps.

8. Grade breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run. Grade breaks shall not be permitted on the surface of ramp runs and turning spaces. Surface slopes that meet at grade breaks shall be flush.

LEGEND:

- Marked or intended crossing location
- Sidewalk
- Detectable warning surface
- Level area (Turning space/landing)
  Unobstructed 4.5' x 4.5'
  With obstruction 4.5' x 5.5' (Longer dimension in direction of pedestrian street crossing).
  For the purposes of this application, a max. 2.0% finished surface slope (for drainage) measured perpendicular in two directions is considered level.
- Cross slope 1.5% max.
  (Max. 2.0% finished surface slope)
  (Normal sidewalk cross slope)
- Running slope 7.5% max.
  (Max. 8.3% finished surface slope)
- Flare slope
  (Max. 10% finished surface slope)
- 4'x4' clear space

CALC. BOOK NO. N/A

SDR DATE 20-JULY-2020

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

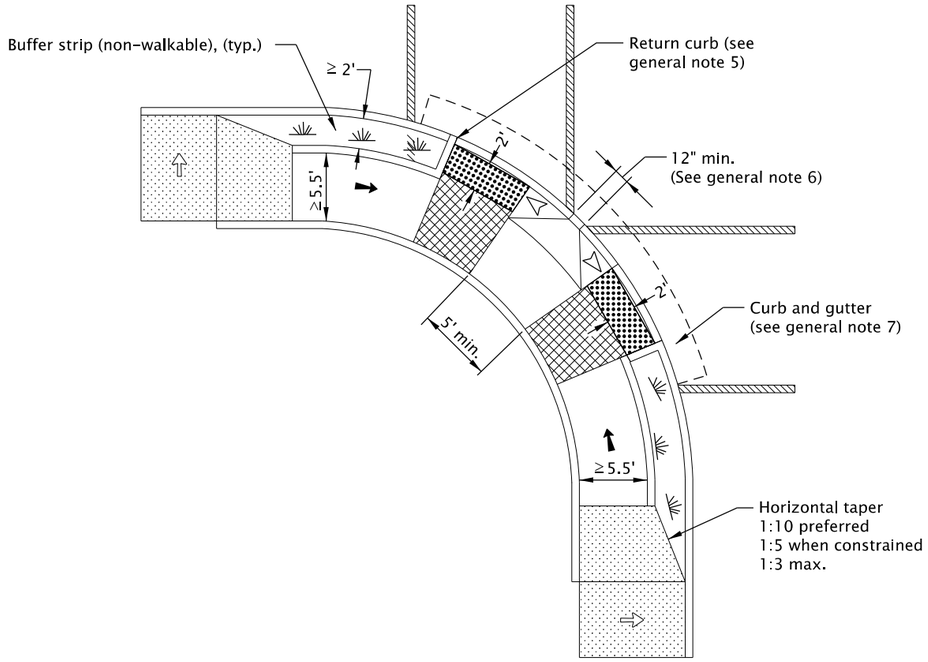
COMBINATION CURB RAMP

2021

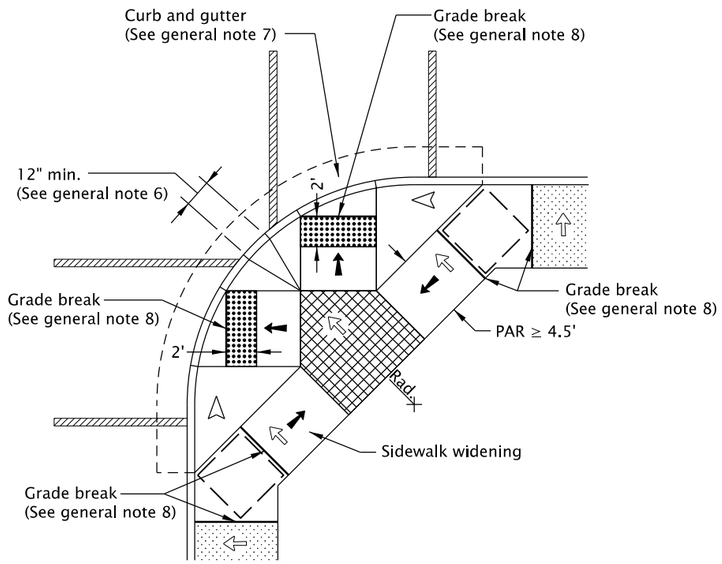
DATE	REVISION DESCRIPTION
07-2020	DRAWING CREATED

RD932

rd936.dgn 19-JUL-2021



PARALLEL COMBINATION WITH LANDSCAPE BUFFER STRIP OPTION "CC-3"



FOR NARROW SIDEWALKS OPTION "CC-4"

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Curb ramp details are based on applicable ODOT Standards.
2. See project plans for details not shown.
   See Std. Dwgs. RD700 & RD701 for curbs.
   See Std. Dwgs. RD720 & RD721 for sidewalks.
   See Std. Dwgs. RD902 through RD908 for detectable warning surface installation details.
   See Std. Dwg. RD930 for combination curb ramp details.
3. Tooled dummy joints are required at all curb ramp grade break lines, (see Std. Dwg. RD722).
4. Curb ramp slopes shown are relative to the true level horizon (zero bubble).
5. Return curb may be provided in lieu of flared slope only if protected from traverse travel by landscaping, see Std. Dwg. RD721. Return curb shall not reduce width of approaching sidewalk.
6. When 2 curb ramps are immediately adjacent, the curb exposure (E) between the adjacent side flares may range between 3" and full design exposure.
7. On or along state highways, curb and gutter is required at curb ramps.
8. Grade breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run. Grade breaks shall not be permitted on the surface of ramp runs and turning spaces. Surface slopes that meet at grade breaks shall be flush.

LEGEND:

	Marked or intended crossing location
	Sidewalk
	Detectable warning surface
	Level area (Turning space/landing) Unobstructed 4.5' x 4.5' With obstruction 4.5' x 5.5' (Longer dimension in direction of pedestrian street crossing). For the purposes of this application, a max. 2.0% finished surface slope (for drainage) measured perpendicular in two directions is considered level.
⇦	Cross slope 1.5% max. (Max. 2.0% finished surface slope) (Normal sidewalk cross slope)
⬅	Running slope 7.5% max. (Max. 8.3% finished surface slope)
◁	Flare slope (Max. 10% finished surface slope)
E	Curb height
	4' x 4' clear space
PAR	Pedestrian Access Route

CALC. BOOK NO. N/A

SDR DATE 19-JUL-2021

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

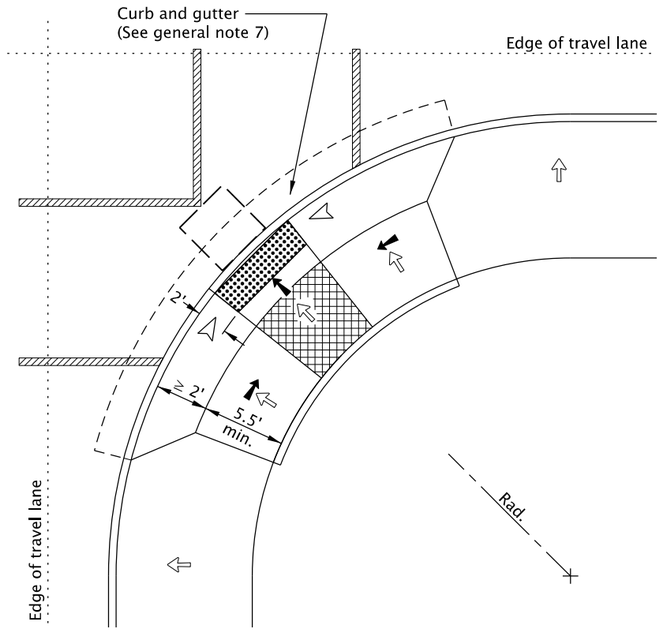
OREGON STANDARD DRAWINGS

COMBINATION CURB RAMP

2021

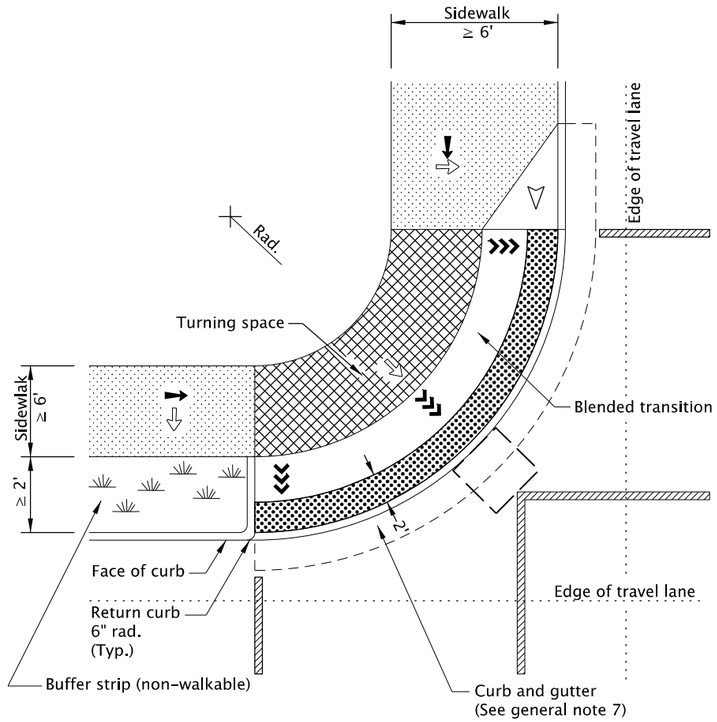
DATE	REVISION DESCRIPTION
07-2021	DRAWING CREATED

rd938.dgn 19-JUL-2021



DIAGONAL COMBINATION CURB RAMP OPTION "CC-10"

(Use only when site constraints prohibit installing two curb ramps)



BLENDED TRANSITION COMBINATION CURB RAMP OPTION "CC-11"

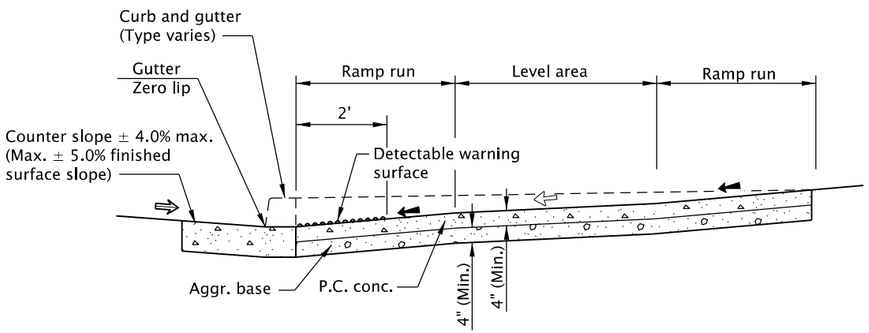
(Use only when site constraints prohibit installing two curb ramps)

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

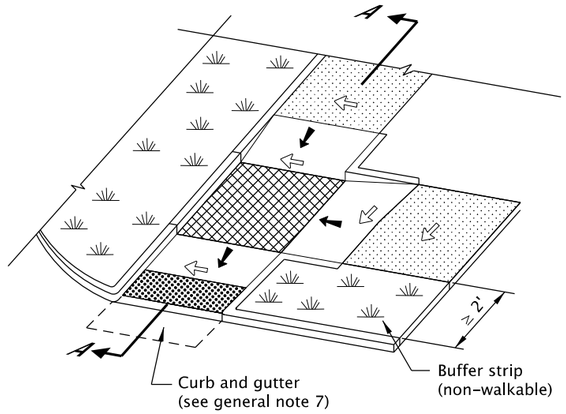
1. Curb ramp details are based on applicable ODOT Standards.
2. See project plans for details not shown.
   See Std. Dwgs. RD700 & RD701 for curbs.
   See Std. Dwgs. RD720 & RD721 for sidewalks.
   See Std. Dwgs. RD902 through RD908 for detectable warning surface installation details.
   See Std. Dwg. RD930 for combination curb ramp details.
3. Tooled dummy joints are required at all curb ramp slope break lines, (see Std. Dwg. RD722).
4. Curb ramp slopes shown are relative to the true level horizon (zero bubble).
5. Return curb may be provided in lieu of flared slope only if protected from traverse travel by landscaping, (see Std. Dwg. RD721). Return curb shall not reduce width of approaching sidewalk .
6. Only use curb ramp options allowed by jurisdiction. Single ramps require design exceptions on or along state highways.
7. On or along state highways, curb and gutter is required at curb ramps.
8. Grade breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run. Grade breaks shall not be permitted on the surface of ramp runs and turning spaces. Surface slopes that meet at grade breaks shall be flush.

LEGEND:

- Marked or intended crossing location
- Sidewalk
- Detectable warning surface
- Level area (Turning space/landing)
  Unobstructed 4.5' x 4.5'
  With obstruction 4.5' x 5.5' (Longer dimension in direction of pedestrian street crossing).
  For the purposes of this application, a max. 2.0% finished surface slope (for drainage) measured perpendicular in two directions is considered level.
- Cross slope 1.5% max.
  (Max. 2.0% finished surface slope)
  (Normal sidewalk cross slope)
- Running slope 7.5% max.
  (Max. 8.3% finished surface slope)
- Running slope 4.0% max.
  (Max. 4.9% finished surface slope)
- Flare slope
  (Max. 10% finished surface slope)
- 4'x4' clear space



SECTION A-A



DIRECTIONAL COMBINATION CURB RAMP OPTION "CC-12"

CALC. BOOK NO. N/A

SDR DATE 19-JUL-2021

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

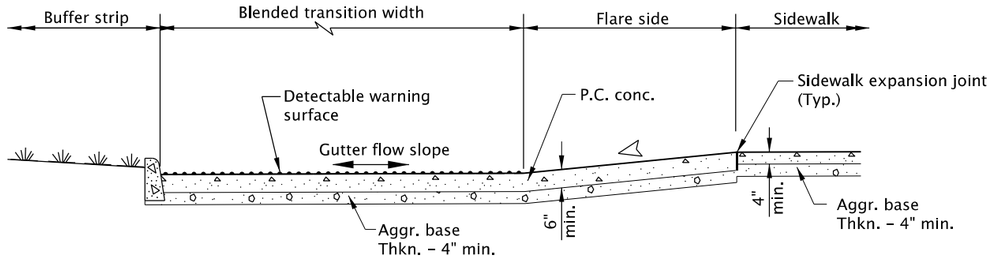
OREGON STANDARD DRAWINGS

COMBINATION CURB RAMP SINGLE RAMP

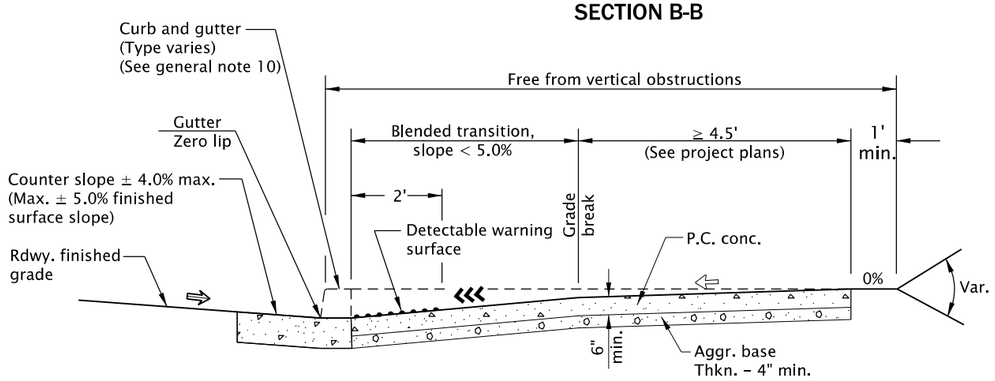
2021

DATE	REVISION DESCRIPTION
07-2020	DRAWING CREATED
01-2021	REVISED DETAIL & NOTES
07-2021	REVISED DETAIL & NOTES

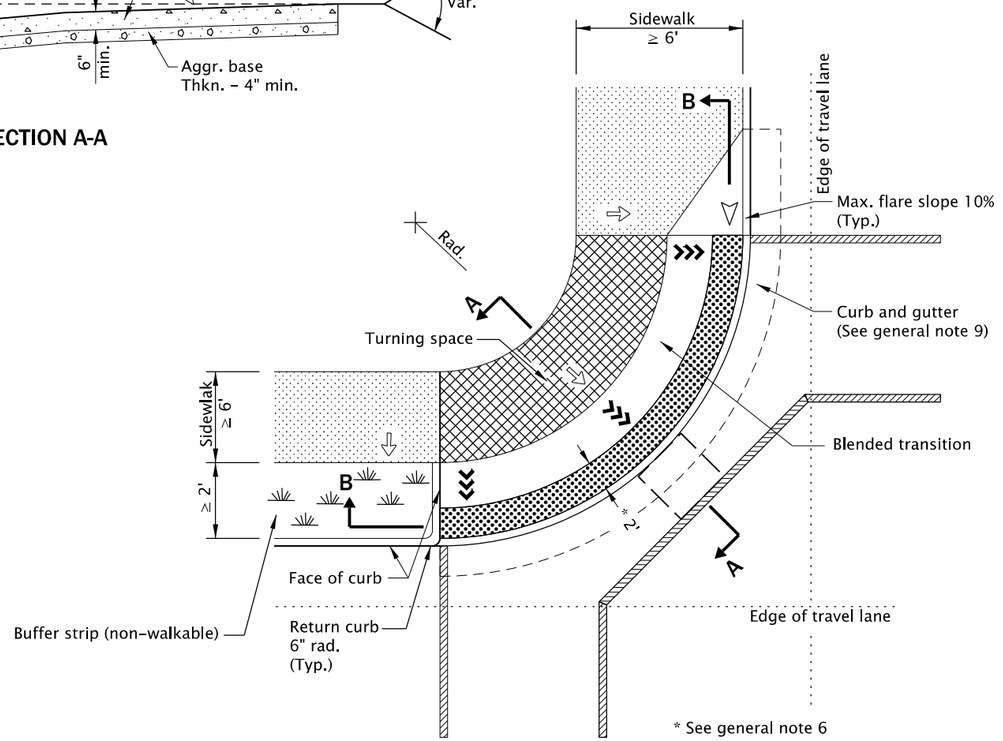
rd940.dgn 19-JUL-2021



SECTION B-B



SECTION A-A



DIAGONAL BLENDED TRANSITION CURB RAMP

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Curb ramp details are based on applicable ODOT Standards.
2. See project plans for details not shown.
   See Std. Dwgs. RD700 & RD701 for curbs.
   See Std. Dwgs. RD720 & RD721 for sidewalks.
   See Std. Dwgs. RD902 through RD908 for detectable warning surface installation details.
3. Site conditions normally require a project specific design. See project plans for details not shown.
4. Tooled dummy joints are required at all curb ramp slope break lines, (see Std. Dwg. RD722).
5. Curb ramp slopes shown are relative to the true level horizon (zero bubble).
6. Place detectable warning surface at the back of curb for a minimum depth of 2' in the direction of pedestrian travel full width of curb ramp opening that is adjacent to traffic.
7. Grade breaks shall not be permitted on the surface of ramp runs and turning spaces. Surface slopes that meet at grade breaks shall be flush.
8. Return curb may be provided in lieu of flared slope only if protected from traverse by landscaping. Return curb shall not reduce width of approaching sidewalk.
9. Curb ramps for shared use paths intersecting a roadway shall be full width of path, excluding flares. When a curb ramp is used to provide bicycle access from a roadway to a sidewalk, the curb ramp opening will be ≥ 8' wide.
10. Place an inlet at upstream side of curb ramp or perform other approved design mitigation. Check the gutter flow depth at curb ramp locations to assure that the design flood does not overtop the back of sidewalk.
11. On or along state highways, curb and gutter is required at curb ramps.
12. Only use curb ramp options allowed by jurisdiction. Single ramp requires design exceptions on or along state highways.

LEGEND:

- Marked or intended crossing location
- Sidewalk
- Detectable warning surface
- Level area (Turning space/landing)
  Unobstructed 4.5' x 4.5'
  With obstruction 4.5' x 5.5' (Longer dimension in direction of pedestrian street crossing).
  For the purposes of this application, a max. 2.0% finished surface slope (for drainage) measured perpendicular in two directions is considered level.
- ⇦ Cross slope 1.5% max.
  (Max. 2.0% finished surface slope)
  (Normal sidewalk cross slope)
- ⇦ Counter slope 4.0% max. ascending or descending
  (Max. 5.0% finished surface slope)
  Slope as required for drainage
- ⋘ Running slope 4.0% max.
  (Max. 4.9% finished surface slope)
- ◁ Flare slope
  (Max. 10% finished surface slope)
- 4'x4' clear space

CALC. BOOK NO. N/A

SDR DATE 19-JUL-2021

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

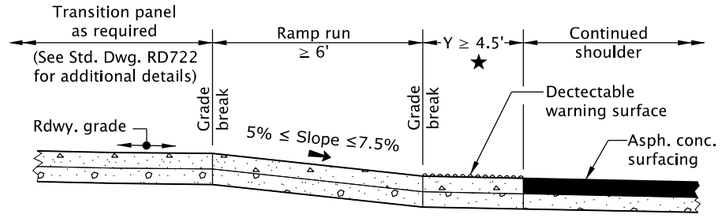
The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

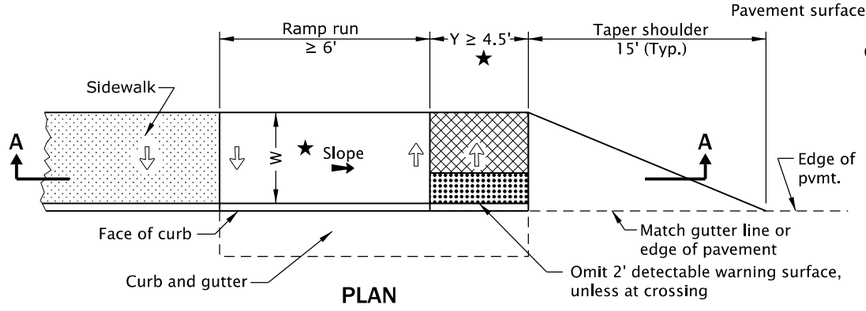
BLENDED TRANSITION CURB RAMP SINGLE RAMP

2021

DATE	REVISION DESCRIPTION
07-2020	DRAWING CREATED
07-2021	REVISED NOTES

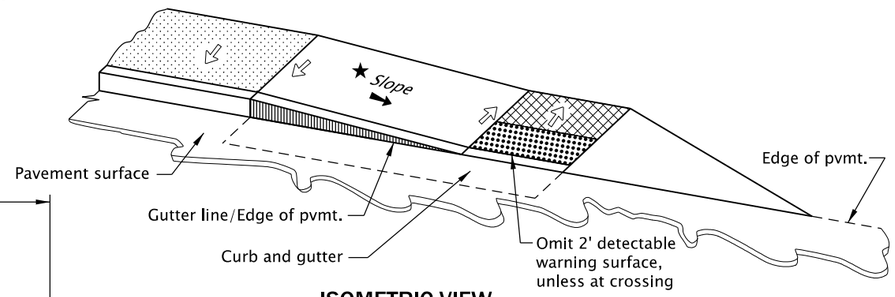


SECTION A-A



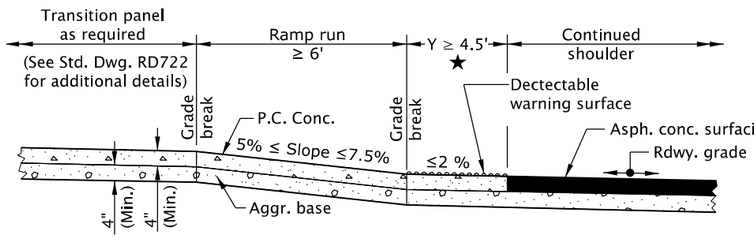
PLAN

★ See general note 12



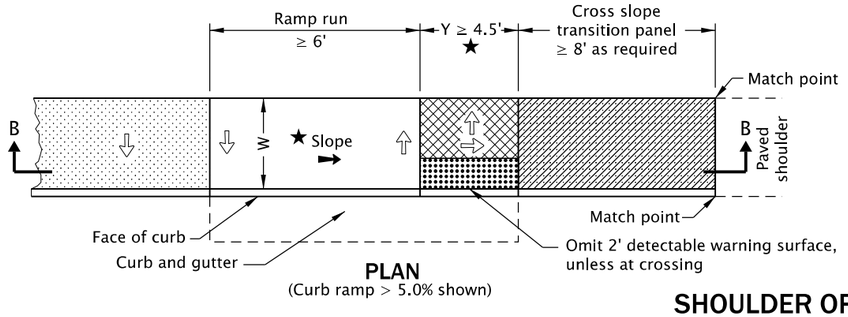
ISOMETRIC VIEW

TAPER OPTION "EW-1"

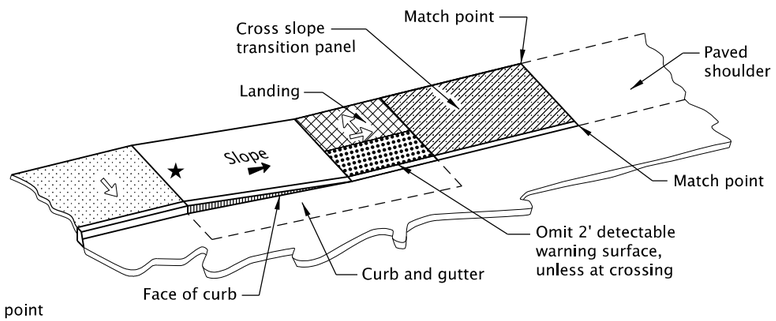


SECTION B-B

★ See general note 12



PLAN
(Curb ramp > 5.0% shown)



ISOMETRIC VIEW

SHOULDER OPTION "EW-2"

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Curb ramp details are based on applicable ODOT Standards.
2. See project plans for details not shown.
   See Std. Dwgs. RD700 & RD701 for curbs.
   See Std. Dwgs. RD720 & RD721 for sidewalks.
   See Std. Dwg. RD722 for transition panel details.
   See Std. Dwgs. RD902 through RD908 for detectable warning surface installation details.
3. Site conditions normally require a project special design. See project plans for details not shown.
4. Tooled dummy joints are required at all curb ramp grade break lines, (see Std. Dwg. RD722).
5. Curb ramp slopes shown are relative to the true level horizon (zero bubble).
6. Place detectable warning surface at the back of curb for a minimum depth of 2' at curb ramp that is adjacent to traffic.
7. Place an inlet at upstream side of curb ramp or perform other approved design mitigation. Check the gutter flow depth at curb ramp locations to assure that the design flood does not overtop the back of sidewalk.
8. When a shared use path terminates, the curb ramp shall be the full width of the path, the turning space Y-dimension should be minimum 8' wide to enable bicycles to ride from ramp to shoulder.
9. Grade breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run. Grade breaks shall not be permitted on the surface of ramp runs and turning spaces. Surface slopes that meet at grade breaks shall be flush.
10. On or along state highways, curb and gutter is required at curb ramps.
11. All end of sidewalk options can be used for curved or tangent roadway sections. Superelated roadways require site specific details.
12. When the slope of the ramp run is greater than 5.0%, a min. landing space of 4.5' x 4.5' with a 1.5% max. slope (2.0% finished surface) is required at the bottom of the curb ramp. See section A-A & section B-B.

LEGEND:

- Sidewalk
- Transition panel
- Detectable warning surface
- Level area (Turning space/landing)
  Unobstructed 4.5' x 4.5'
  With obstruction 4.5' x 5.5' (Longer dimension in direction of pedestrian street crossing).
  For the purposes of this application, a max. 2.0% finished surface slope (for drainage) measured perpendicular in two directions is considered level.
- ⇦ Cross slope 1.5% max.
  (Max. 2.0% finished surface slope)
  (Normal sidewalk cross slope)
- ⬅ Running slope 7.5% max.
  (Max. 8.3% finished surface slope)
- W New construction sidewalk width.
  See contract plans for dimension.

CALC. BOOK NO. N/A

SDR DATE 20-JULY-2020

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

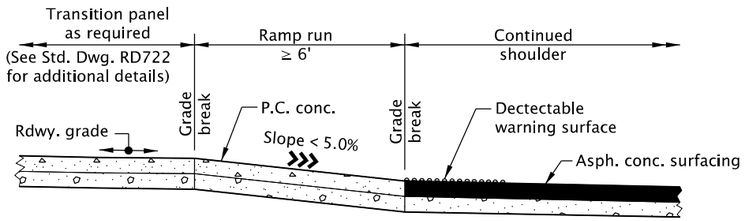
END OF WALK CURB RAMP

2021

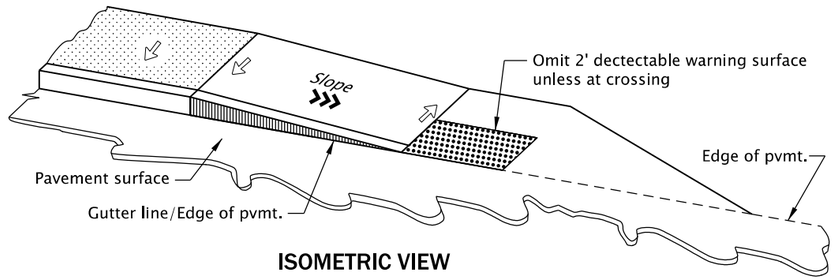
DATE	REVISION DESCRIPTION
07-2020	DRAWING CREATED

rd950.dgn 20-JUL-2020

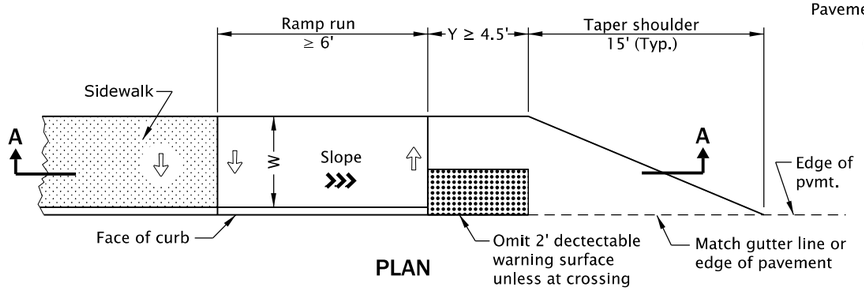
RD950



SECTION A-A

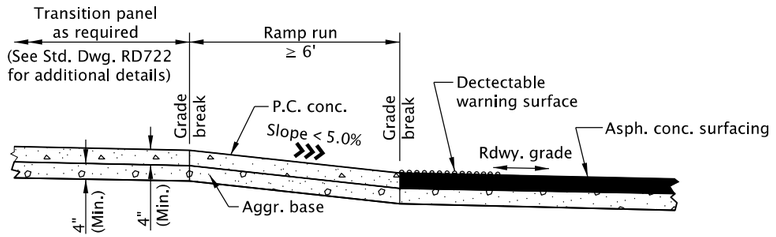


ISOMETRIC VIEW

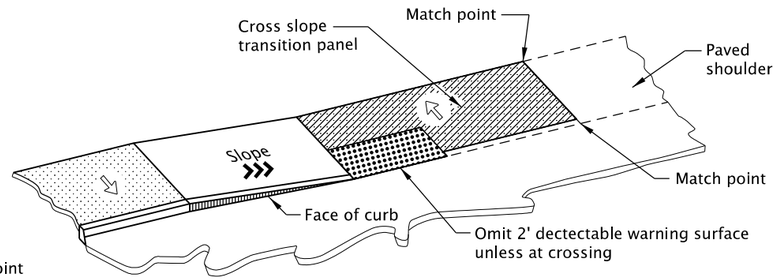


PLAN

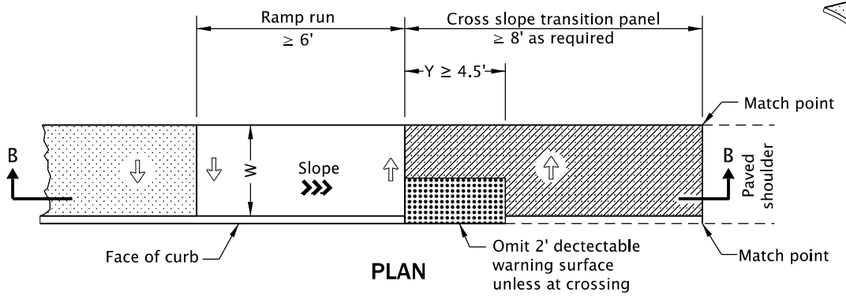
BLENDED TRANSITION TAPER OPTION "EW-3"



SECTION B-B



ISOMETRIC VIEW



PLAN

BLENDED TRANSITION SHOULDER OPTION "EW-4"

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Curb ramp details are based on applicable ODOT Standards.
2. See project plans for details not shown.
   See Std. Dwgs. RD700 & RD701 for curbs.
   See Std. Dwgs. RD720 & RD721 for sidewalks.
   See Std. Dwg. RD722 for transition panel details.
   See Std. Dwgs. RD902 through RD908 for detectable warning surface installation details.
3. Site conditions normally require a project special design. See project plans for details not shown.
4. Tooled dummy joints are required at all curb ramp grade break lines, (see Std. Dwg. RD722).
5. Curb ramp slopes shown are relative to the true level horizon (zero bubble).
6. Place detectable warning surface at the back of curb for a minimum depth of 2' at curb ramp that is adjacent to traffic. When there is no curb, the detectable warning surface shall be placed at the edge of roadway.
7. Place an inlet at upstream side of curb ramp or perform other approved design mitigation. Check the gutter flow depth at curb ramp locations to assure that the design flood does not overtop the back of sidewalk.
8. When a shared use path terminates, the curb ramp shall be the full width of the path, the turning space Y-dimension should be minimum 8' wide to enable bicycles to ride from ramp to shoulder.
9. Grade breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run. Grade breaks shall not be permitted on the surface of ramp runs and turning spaces. Surface slopes that meet at grade breaks shall be flush.
10. All end of sidewalk options can be used for curved or tangent roadway sections. Superelated roadways require site specific details.

LEGEND:

- Sidewalk
- Transition panel
- Detectable warning surface
- Cross slope 1.5% max. (Max. 2.0% finished surface slope) (Normal sidewalk cross slope)
- Running slope 4.0% max. (Max. 4.9% finished surface slope)
- W — New construction sidewalk width. See contract plans for dimension.

CALC. BOOK NO. N/A

SDR DATE 19-JUL-2021

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

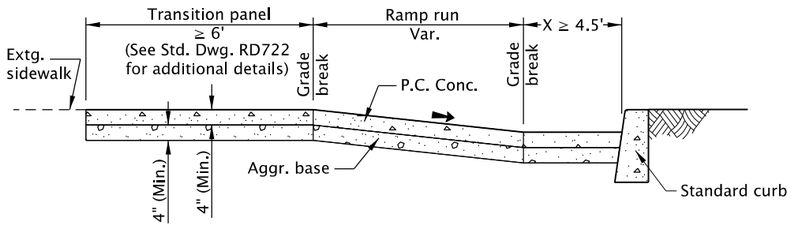
OREGON STANDARD DRAWINGS

END OF WALK CURB RAMP

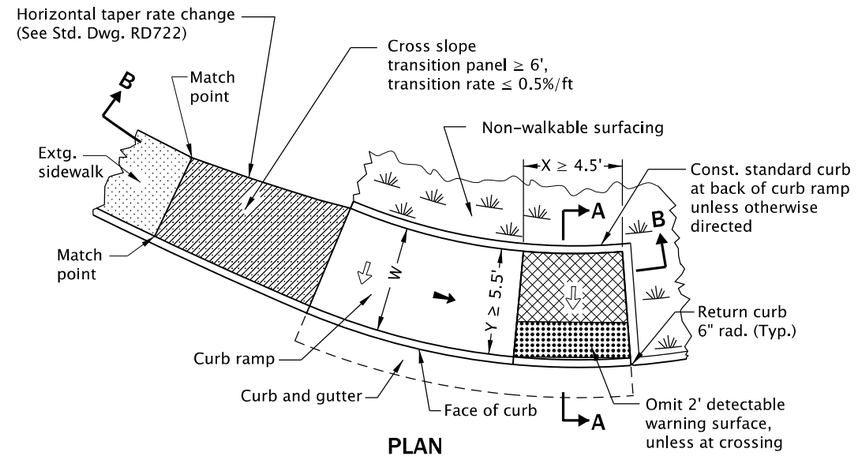
2021

DATE	REVISION DESCRIPTION
07-2020	DRAWING CREATED
07-2021	REVISED NOTES

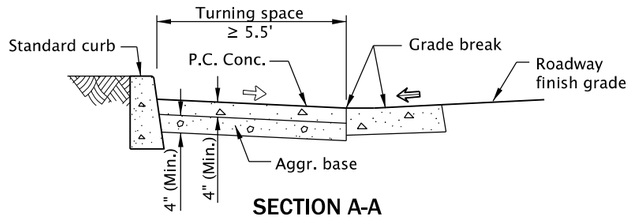
rd952.dgn 19-JUL-2021



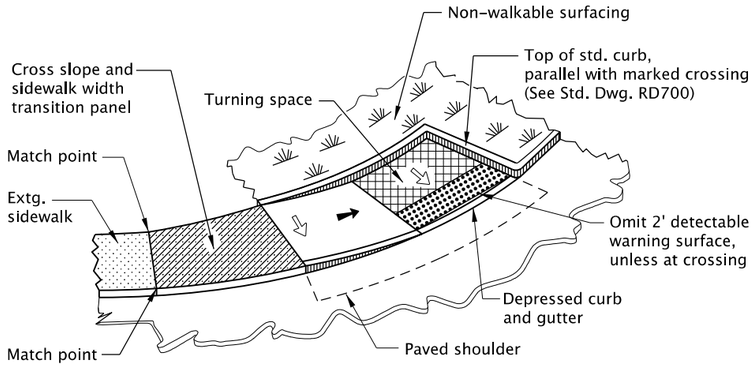
SECTION B-B



PLAN



SECTION A-A



ISOMETRIC VIEW

CURBED OPTION

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Curb ramp details are based on applicable ODOT applicable Standards.
2. See project plans for details not shown.
   See Std. Dwgs. RD700 & RD701 for curbs.
   See Std. Dwgs. RD720 & RD721 for sidewalks.
   See Std. Dwg. RD722 for transition panel details.
   See Std. Dwgs. RD902 through RD908 for detectable warning surface installation details.
   See Std. Dwg. RD920 for parallel curb ramp details.
3. Site conditions normally require a project special design. See project plans for details not shown.
4. Tooled dummy joints are required at all curb ramp grade break lines, (see Std. Dwg. RD722).
5. Curb ramp slopes shown are relative to the true level horizon (zero bubble).
6. Place detectable warning surface at the back of curb for a minimum depth of 2' in the direction of pedestrian travel full width of curb ramp opening that is adjacent to traffic.
7. Place an inlet at upstream side of curb ramp or perform other approved design mitigation. Check the gutter flow depth at curb ramp locations to assure that the design flood does not overtop the back of sidewalk.
8. When a shared use path terminates, the curb ramp shall be the full width of the path, the turning space Y-dimension should be minimum 8' wide to enable bicycles to ride from ramp to shoulder.
9. Grade breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run. Grade breaks shall not be permitted on the surface of ramp runs and turning spaces. Surface slopes that meet at grade breaks shall be flush.
10. On or along state highways, curb and gutter is required at curb ramps.
11. Unique curb ramp option can be used for curved or tangent roadway sections. Superelevated roadways require a site specific detail.

LEGEND:

- Sidewalk
- Transition panel
- Detectable warning surface
- Level area (Turning space/landing)
  Unobstructed 4.5' x 4.5'
  With obstruction 4.5' x 5.5' (Longer dimension in direction of pedestrian street crossing).
  For the purposes of this application, a max. 2.0% finished surface slope (for drainage) measured perpendicular in two directions is considered level.
- ⇦ Cross slope 1.5% max.
  (Max. 2.0% finished surface slope)
  (Normal sidewalk cross slope)
- ⬅ Running slope 7.5% max.
  (Max. 8.3% finished surface slope)
- ⇦ Counter slope 4.0% max. ascending or descending,
  (Max. 5.0% finished surface slope)
  Slope as required for drainage
- W New construction sidewalk width. See contract plans for dimension

CALC. BOOK NO. N/A

SDR DATE 19-JUL-2021

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

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OREGON STANDARD DRAWINGS

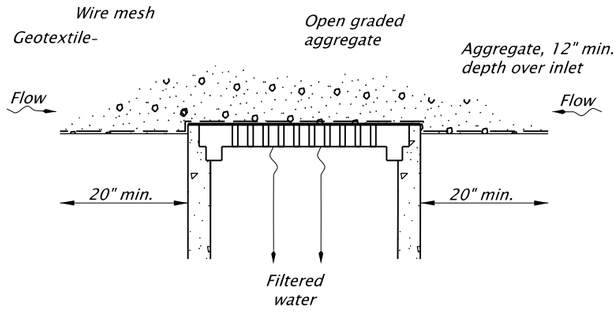
UNIQUE CURB RAMP

2021

DATE	REVISION DESCRIPTION
07-2020	DRAWING CREATED
07-2021	REVISED DETAILS AND NOTES

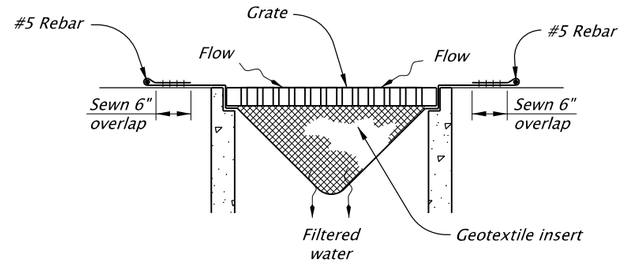
rd960.dgn 19-JUL-2021

rd1010.dgn 01-20-2021



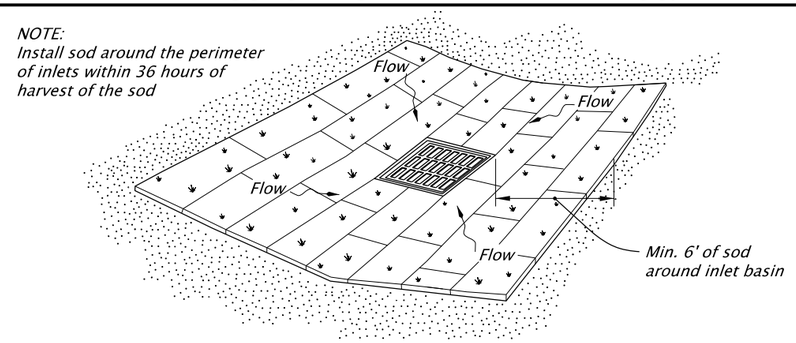
GEOTEXTILE/WIRE MESH/AGGREGATE - TYPE 2

NOT TO SCALE



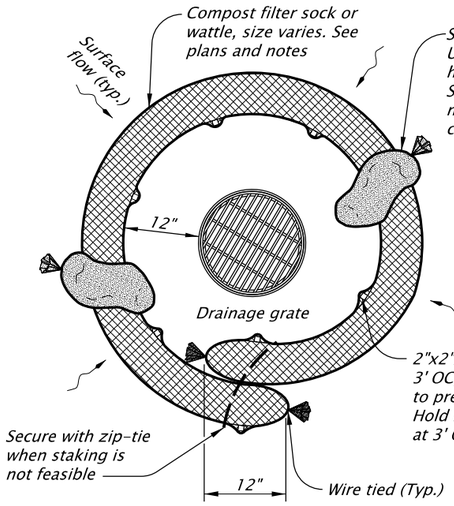
PREFABRICATED FILTER INSERT - TYPE 3

NOT TO SCALE

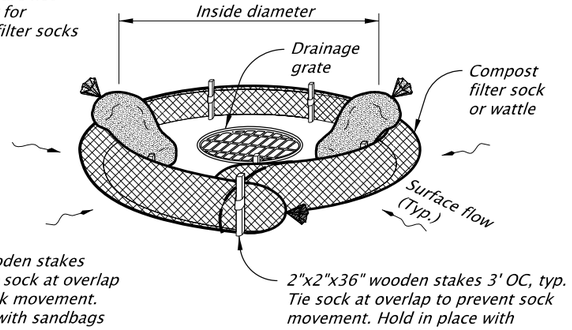


SOD PROTECTION - TYPE 6

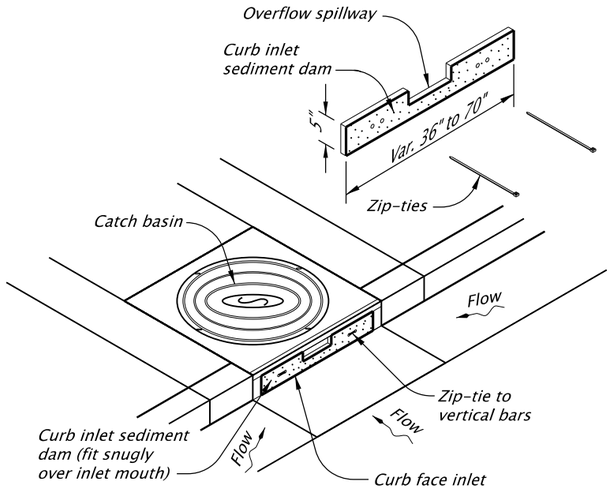
NOT TO SCALE



AREA DRAIN PLAN

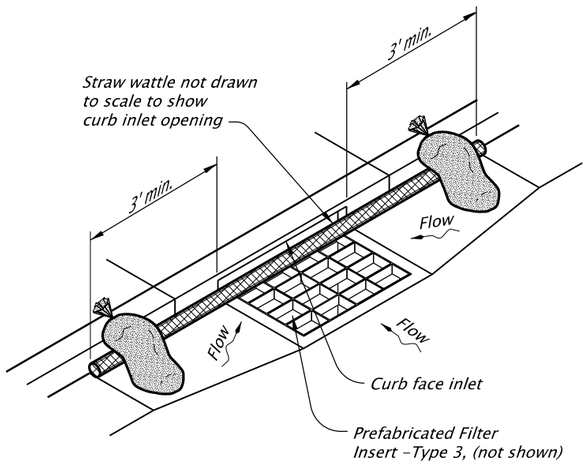


AREA DRAIN PERSPECTIVE VIEW



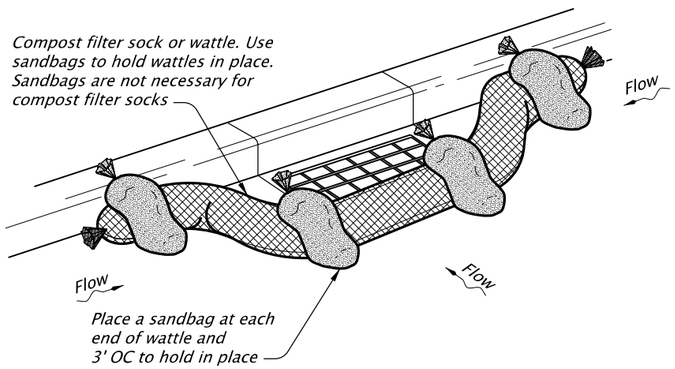
CURB INLET SEDIMENT DAM - TYPE 10

NOT TO SCALE



WATTLE BARRIER WITH FILTER INSERT - TYPE 11

NOT TO SCALE



CURB INLET PERSPECTIVE VIEW

COMPOST FILTER SOCK OR WATTLE - TYPE 7

NOT TO SCALE

NOTES:
Type 2 - Geotextile/wire mesh/aggregate
Place the wire mesh over the grate.
Place sediment fence geotextile over the wire mesh and perimeter area around structure.
Install aggregate over the geotextile fabric.

Type 3 - Prefabricated filter inserts
Install prefabricated filter inserts according to the plans, special provisions, and manufacturer recommendations.
Prefabricated inserts with provisions for overflow are allowed only when accompanied by additional BMP's to prevent the potential of sediments entering project storm systems.
Field fabricated inserts are not allowed.

Type 7 - Compost filter sock
Drive 2"x2" wood stakes a minimum of 6" into ground and flush with the top of the sock.
Overlap ends of sock per manufacturers recommendations (12"min., 36" max.).
Use 8" to 12" dia sock on curbside in traffic areas.
(Type 7 cont.)
Use 12" to 18" dia sock in non-traffic areas or areas where the larger socks can be used safely.
use synthetic mesh socks for temporary installations.

Type 10 - Curb inlet sediment dam
Fit curb inlet sediment dam snugly into inlet mouth. Curb inlet sediment dam is required for use with inlet filter insert where at-grade inlet grate and curb inlet are combined at a catch basin.

Type 11 - Wattle barrier with filter insert
Install prefabricated filter insert per Type 3 detail.
Install wattles over opening and 36" to each side of opening tight against curb. Adjust wattle to force storm water to flow through filter insert or wattle prior to leaving the site.
Adjust, replace or modify the inlet protection as needed to prevent sediment laden water from entering the catch basin.

CALC. BOOK NO. N/A

SDR DATE January, 2021

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

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OREGON STANDARD DRAWINGS

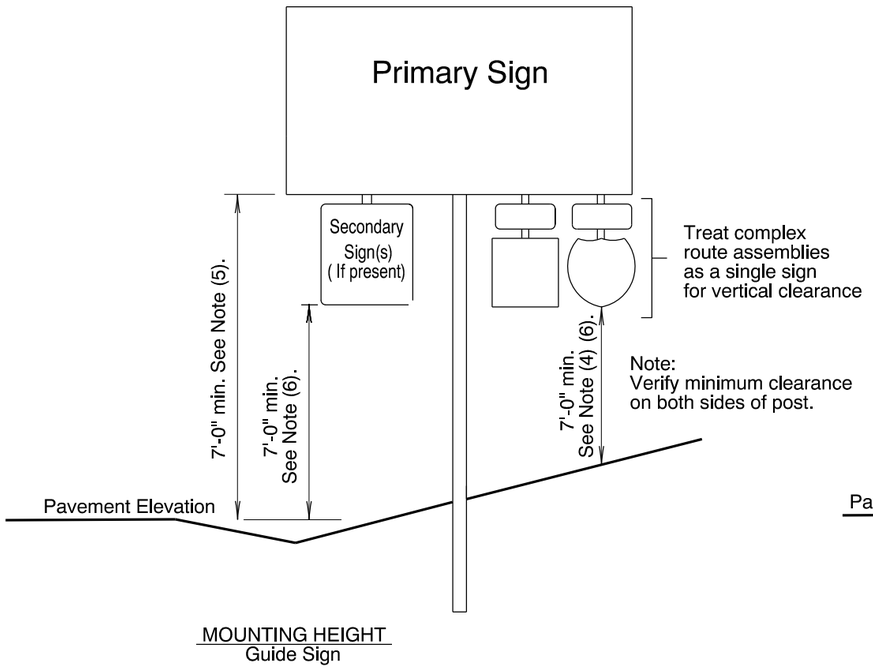
INLET PROTECTION TYPE 2, 3, 6, 7, 10 AND 11

2021

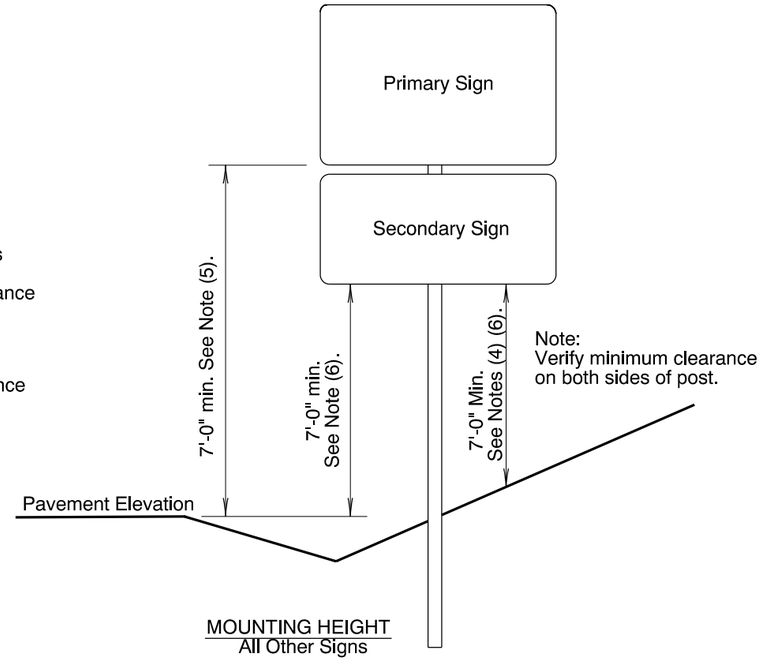
DATE	REVISION DESCRIPTION
Jan 2021	Removed Calc book numbers
Jan 2021	Moved notes up from overlapping the sheet border

RD1010

TM200.dgn 1-8-2018



MOUNTING HEIGHT
Guide Sign



MOUNTING HEIGHT
All Other Signs

General Installation Notes:

a. Signing details shown on this sheet are intended to convey "typical" conditions only. Individual locations may require installation different from those shown.
For guidance regarding unique installations or exceptions call the Project Sign Designer or Region Traffic Section.

b. Locate breakaway supports away from ditches to avoid problems with erosion, corrosion, debris, maintenance and breakaway performance. See Dwg. No. TM635 for more information.

c. For wood post support details see Dwg. No. TM670.

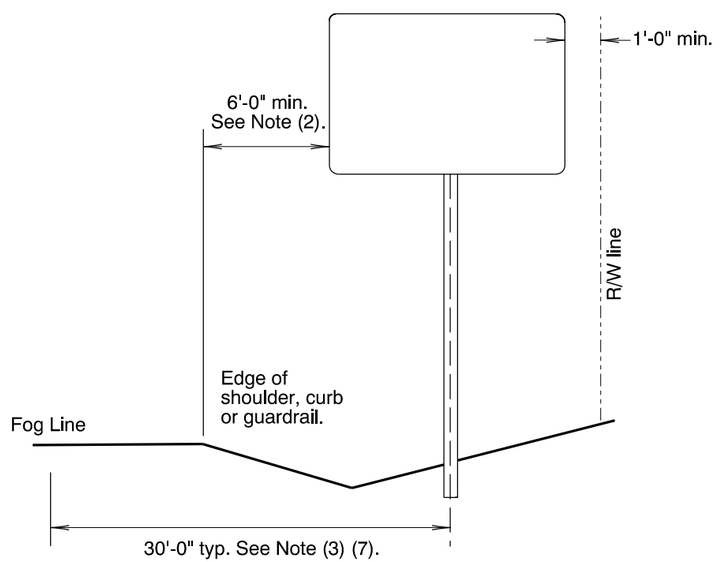
d. For perforated steelsquare tube support details see Dwg. No. TM681.

e. For triangular base breakaway support details see Dwg. No. TM602.

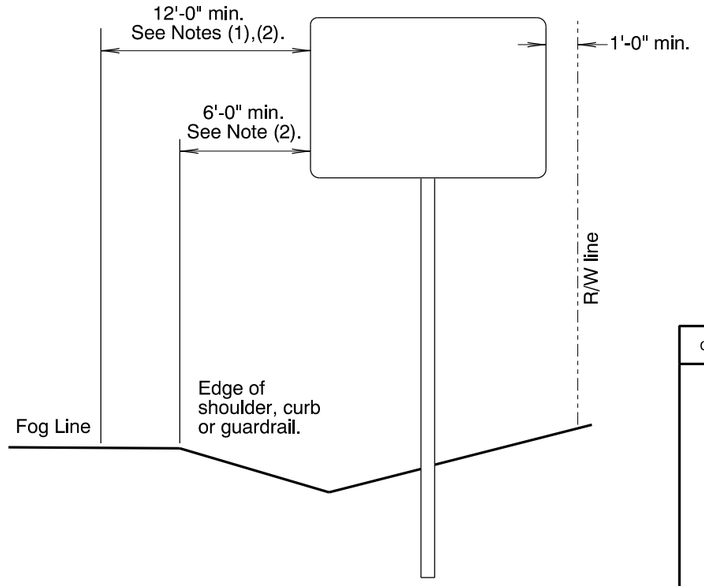
f. For multi-post breakaway support details see Dwg. No. TM600.

g. Mounting heights should not be more than 3 inches more than the minimum heights shown, where practical.

h. 2" vertical spacing between all signs.



LATERAL OFFSET
Guide Signs



LATERAL OFFSET
All Other Signs

Notes:

1). 6' minimum if behind barrier.

2). 2' minimum if restricted R/W.

3). 20' for ramp terminals.

4). 8' minimum if bicycle path underneath.

5). 8' minimum if secondary signs attached.

6). 5' minimum if outside clearzone, in rural areas and no pedestrians underneath.

7). For multi-post installations measure distance from post closest to roadway.

CALC. BOOK NO. N/A

SDR DATE 01/08/2018

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OREGON STANDARD DRAWINGS

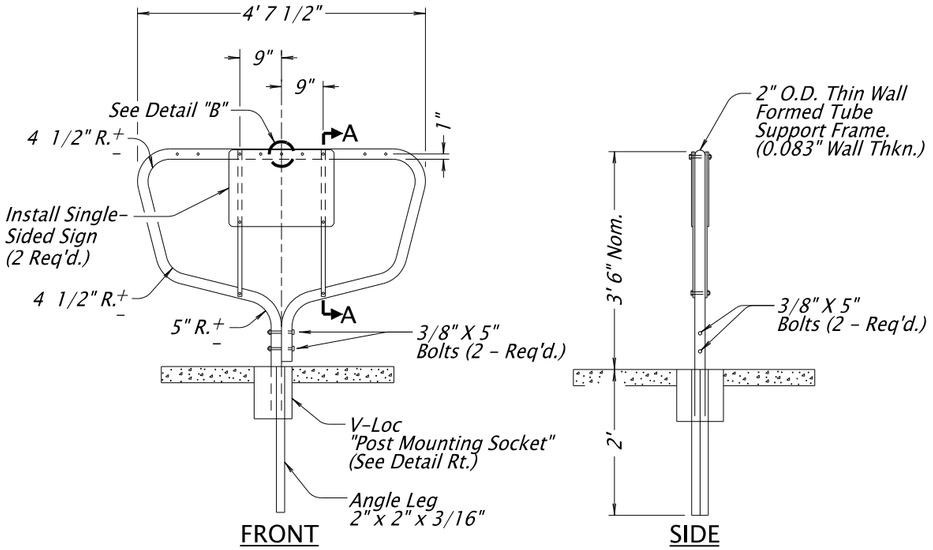
SIGN INSTALLATION DETAILS

2021

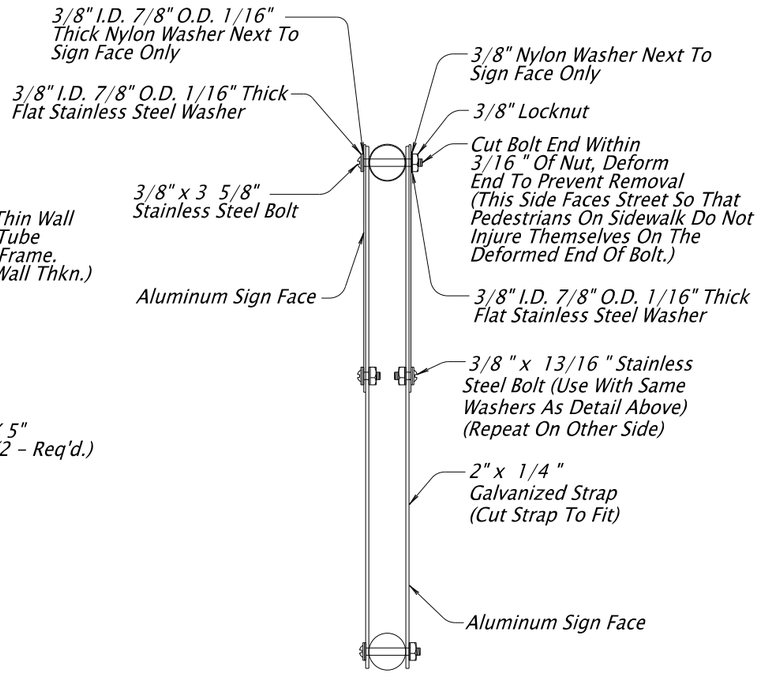
DATE	REVISION DESCRIPTION

TM200

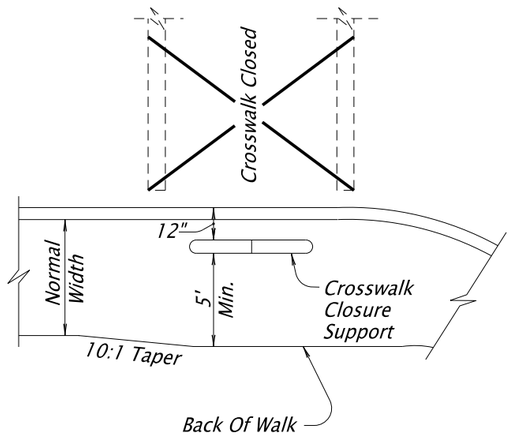
TM240.dgn 07-02-2018



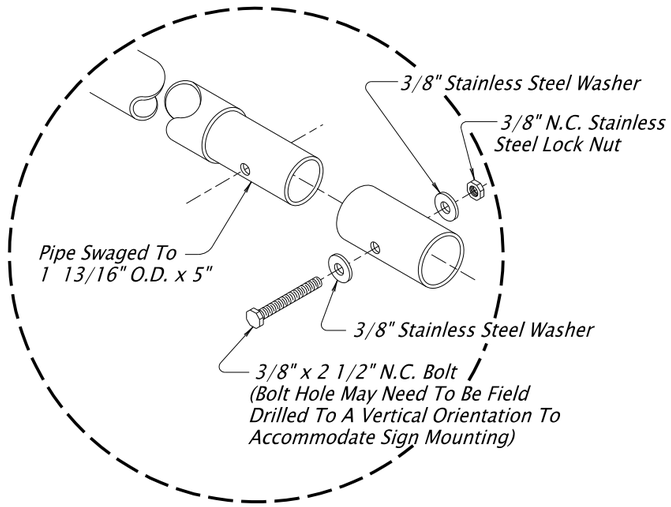
CROSSWALK CLOSURE SUPPORT DETAIL



SECTION A-A



PLAN VIEW



DETAIL "B"

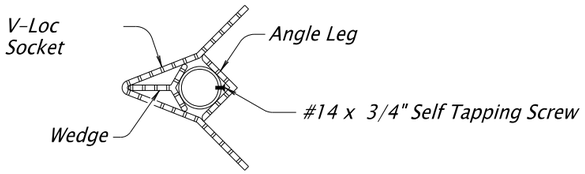
GENERAL NOTES:

1. *All Holes In The Tube Support Frame To Be Predrilled By The Manufacturer. (1/32" Larger Than Mounting Bolt)*
2. *Pipe Swaged By The Manufacturer.*

SIGN DETAIL

OR22-7
24" x 18"

Drill 3/8" Dia. Bolt Hole At Each Corner Where Needed.



POST MOUNTING SOCKET

For Additional Details See Standard Drg. No. RD100

NOTE:

Care Shall Be Taken That No Concrete Is Placed Within Mounting Socket.

CALC. BOOK NO. N/A

SDR DATE 7/02/2018

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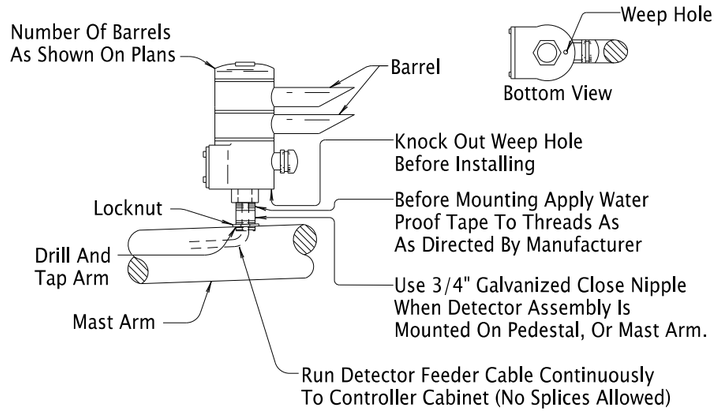
OREGON STANDARD DRAWINGS

CROSSWALK CLOSURE DETAIL

2021

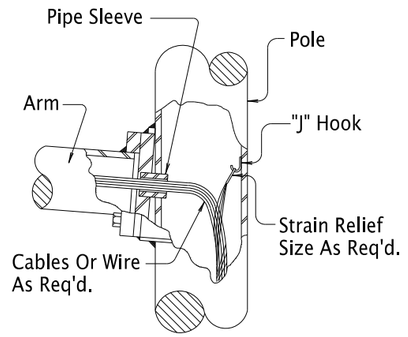
DATE	REVISION DESCRIPTION

TM240



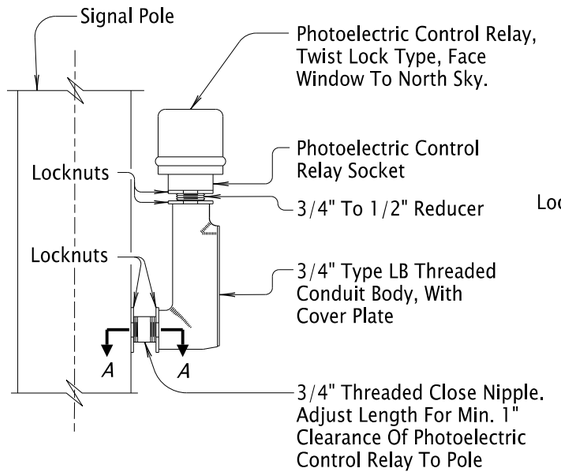
DETAIL "A" FIRE PREEMPTION INSTALLATION

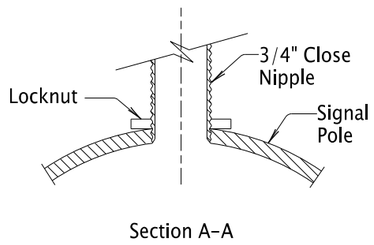
Emitter Units For Vehicles Provided By Others



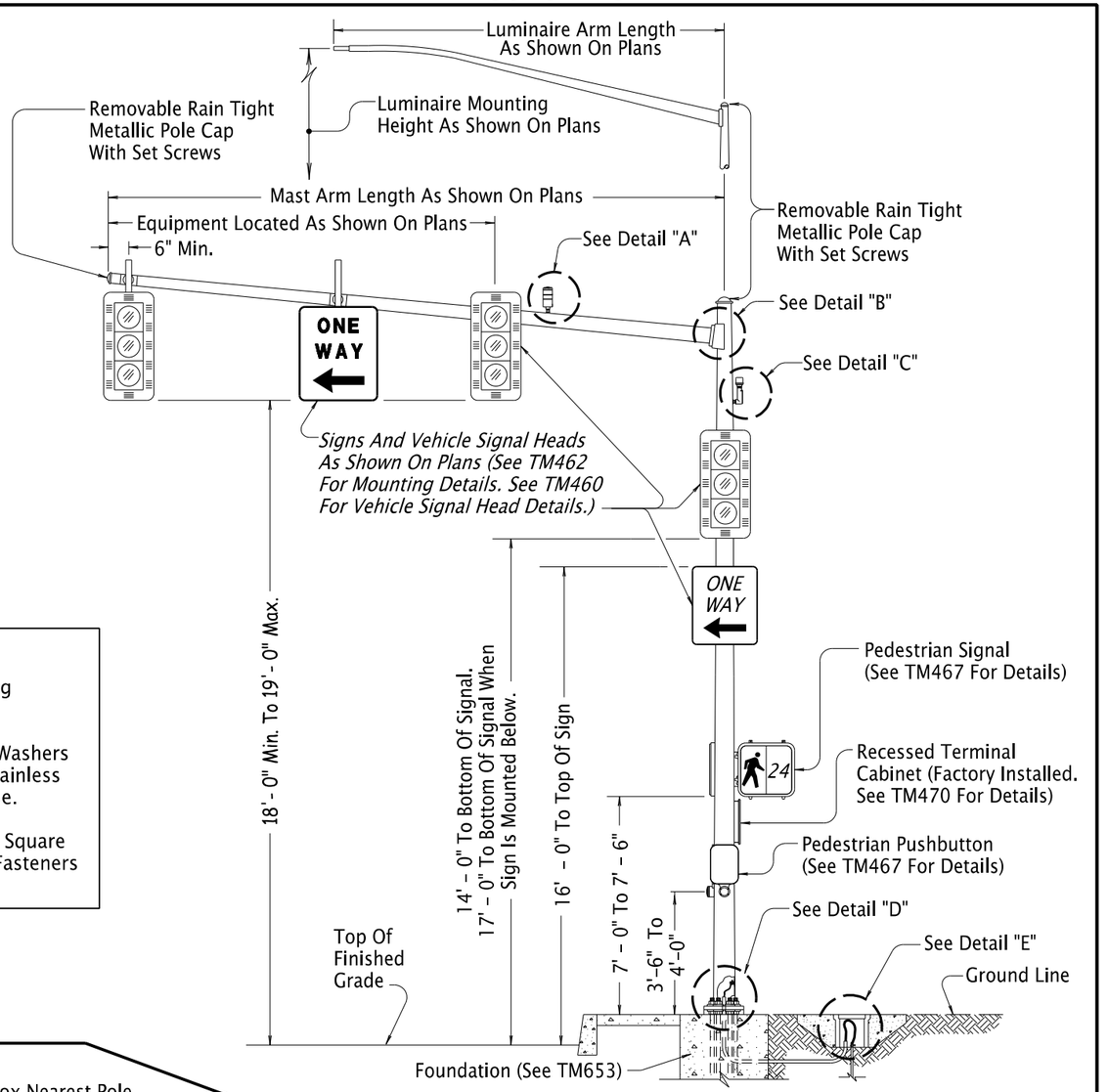
DETAIL "B" MAST ARM CONNECTION

Preinstalled "J" Hooks In Poles For Wire Compression Strain Relief Devices (Cable Grips) At All Access Entrances For Luminaire & Signal Arms.





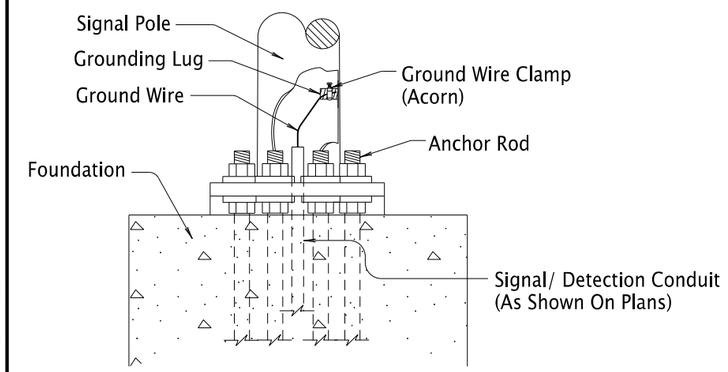
DETAIL "C" PHOTOELECTRIC CONTROL INSTALLATION



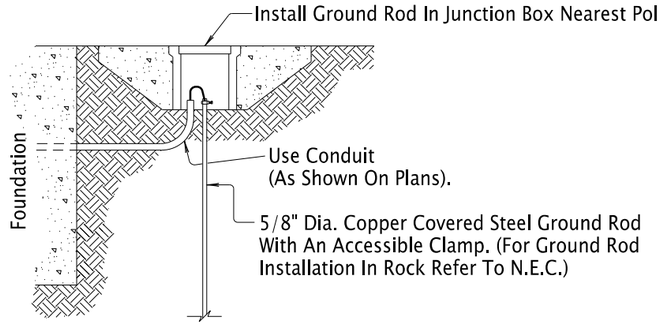
MAST ARM POLE

General Notes:

1. All Pole Entrances Containing Wiring Shall Be Smooth.
2. All Screws, Bolts, Nuts And Washers Shall Be Type 304 Or 316 Stainless Steel Unless Noted Otherwise.
3. Bolts And Screws Shall Have Square Or Hex Heads. Allen Head Fasteners Not Allowed.



DETAIL "D" INTERIOR GROUND INSTALLATION



DETAIL "E" GROUND ROD INSTALLATION

Not Applicable For Structure Mounted Poles. See Specifications.

CALC. BOOK NO. N/A

SDR REPORT DATE 1-Jul-2021

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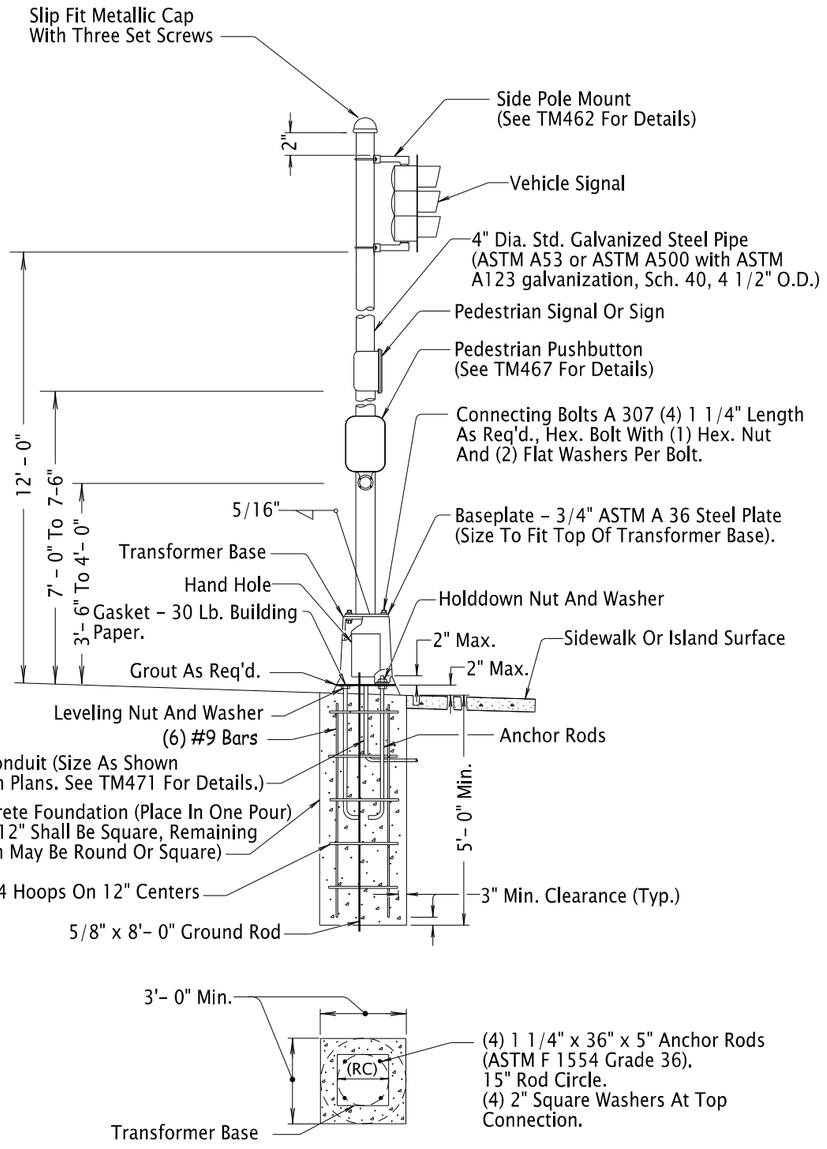
OREGON STANDARD DRAWINGS

MAST ARM POLE DETAILS

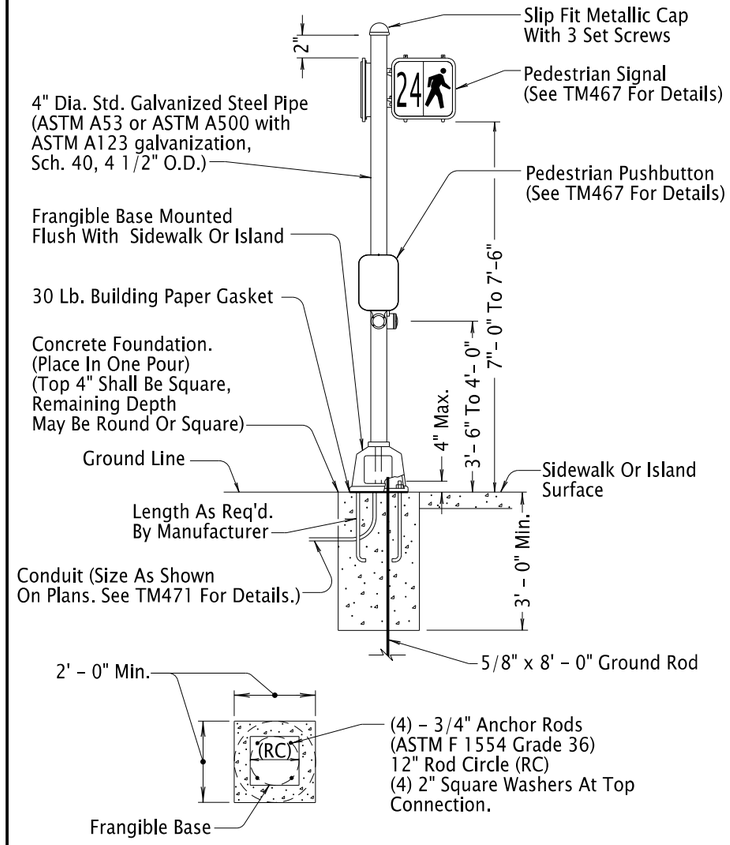
2021

DATE	REVISION DESCRIPTION
01/21	Corrected Std. Dwg. Reference
07/21	Reformatted Dimensions. Added Std. Dwg Reference

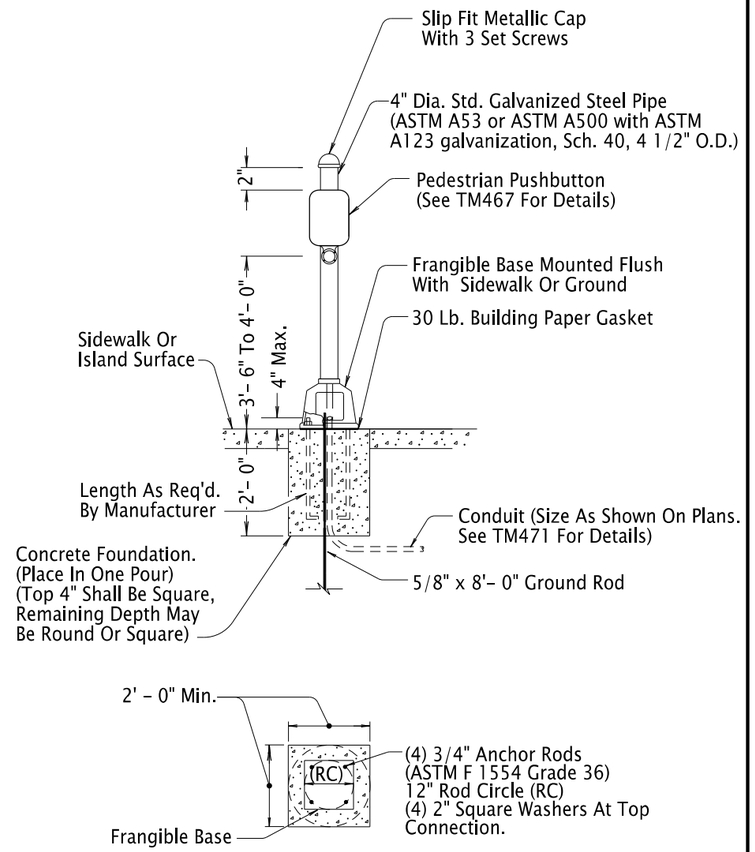
TM450



VEHICLE SIGNAL PEDESTAL



PEDESTRIAN SIGNAL PEDESTAL



PEDESTRIAN OR BICYCLE PUSHBUTTON POST

General Notes:

1. All Bolts, Nuts And Washers Shall Conform To 02560.20 And Be Galvanized Steel According To 02560.40 Unless Noted Otherwise.
2. All Anchor Rods Shall Be Galvanized Steel Conforming To 02560.30.
3. All Pole Entrances Containing Wiring Shall Be Smooth.
4. Install 1/4" Thick Preformed Expansion Joint Filler Around Footing In Sidewalk Area As Per TM653.
5. Top Of Foundation Shall Not Be Below Finish Grade, Island Surface, Or Sidewalk. Top Of Foundation Shall Have Less Than 1/4 " Vertical Exposure Above Finish Grade, Island Surface, Or Sidewalk.
6. Flat Side Of Foundation Should Line Up With Back Of Sidewalk.

CALC. BOOK NO. N/A

SDR REPORT DATE 1-Jul-2021

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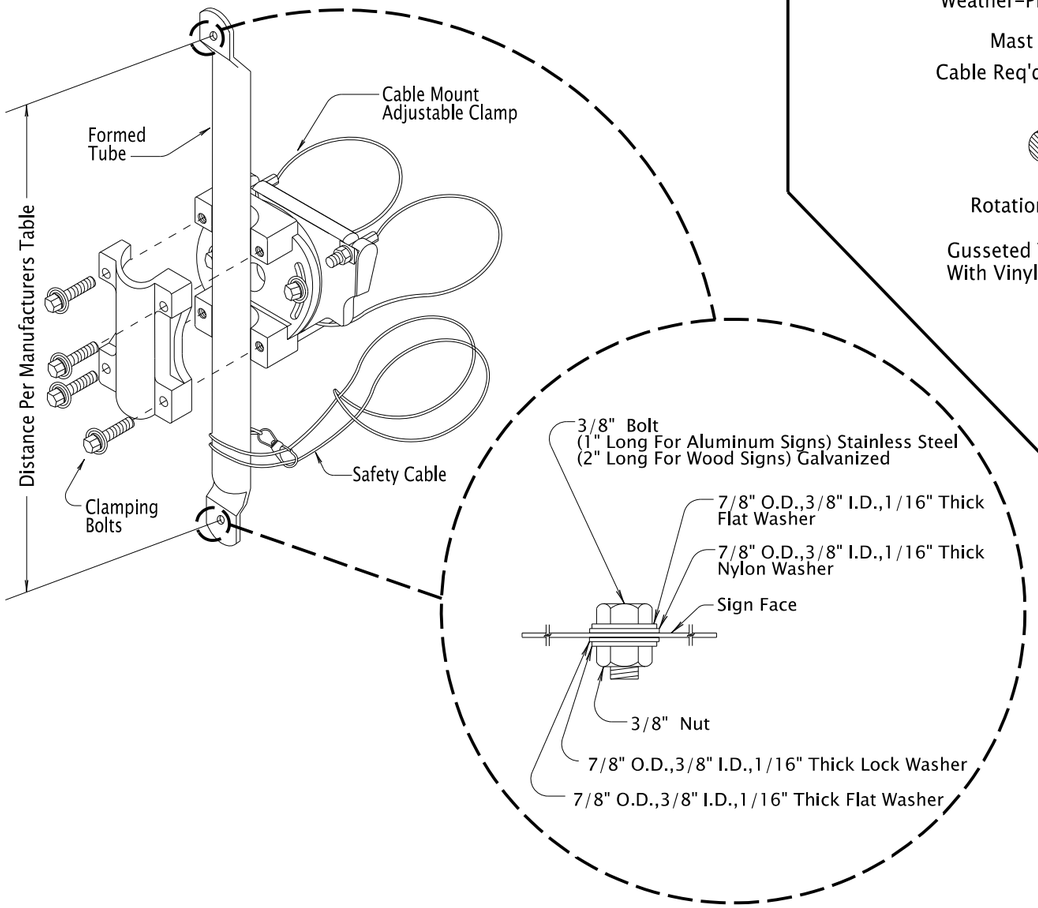
OREGON STANDARD DRAWINGS

VEHICLE, PEDESTRIAN SIGNAL AND PUSHBUTTON MOUNTING OPTION DETAILS

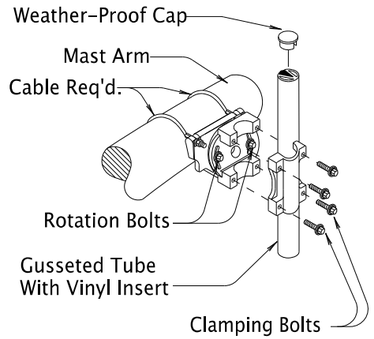
2021

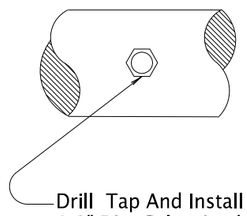
DATE	REVISION DESCRIPTION
01/21	Updated All Anchor Rod Details. Corrected Std. Dwg. Reference
07/21	Reformatted Dimensions. Added Astm Equivelent For 4" Pipe.
	Modified General Note #5.

TM457

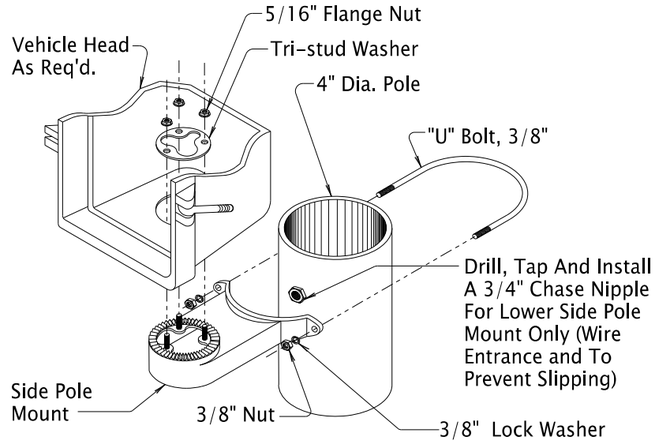


SIGN BRACKET (TYPE "B",MAST ARM/POLE INSTALLATION)



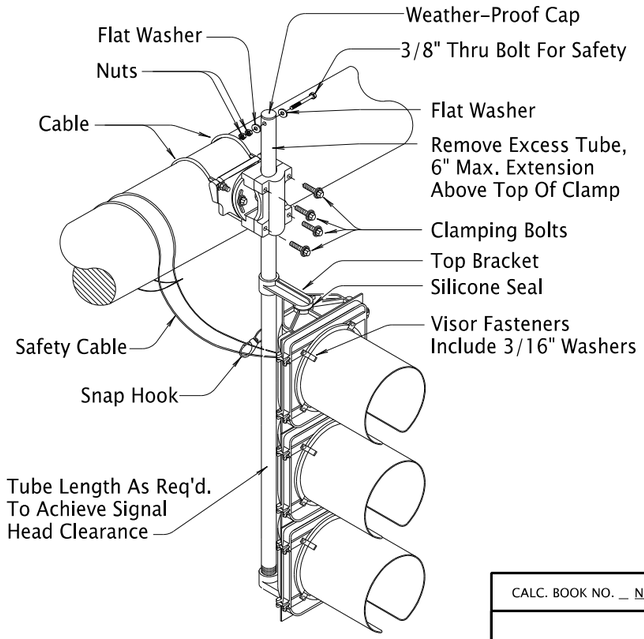


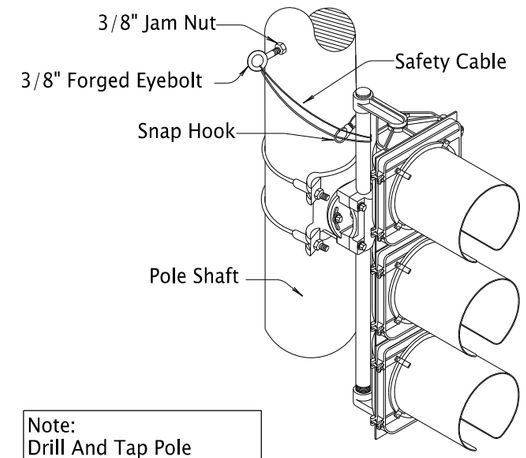
VEHICLE SIGNAL MAST ARM INSTALLATION



4" SIDE POLE MOUNT INSTALLATION

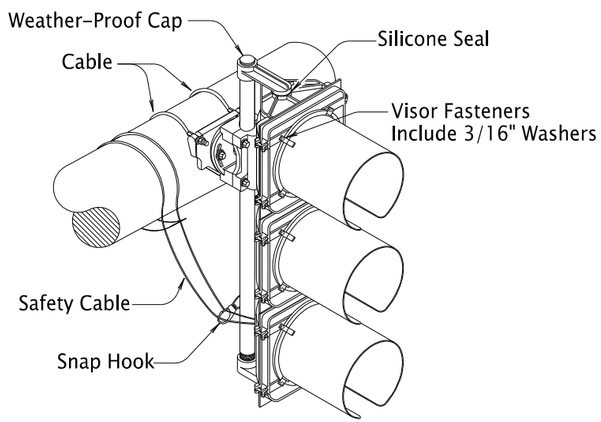
(For Mounting Signal Heads to Vehicle Pedestals)





Note:
Drill And Tap Pole For 3/8" Forged Eye Bolt

POLE SHAFT INSTALLATION



MOUNTING VEHICLE SIGNAL BETWEEN BRACKET ARMS

NOTE:

This Detail Can Be Applied To Any Signal Head Configuration. If The Extension Between The Center Line Of The Mast Arm And The Top Bracket Exceeds 18" Consult Engineer For Guidance.

MOUNTING VEHICLE SIGNAL ABOVE BRACKET ARMS

General Notes:

1. All Screws, Bolts, Nuts And Washers Shall BeType 304 Or 316 Stainless Steel Unless Noted Otherwise.
2. Bolts And Screws Shall Have Square Or Hex Heads. Allen Head Fasteners Not Allowed.
3. Follow Manufacturers Recommendations For Installation.

CALC. BOOK NO. N/A

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

SDR REPORT DATE 1-Jul-2021

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

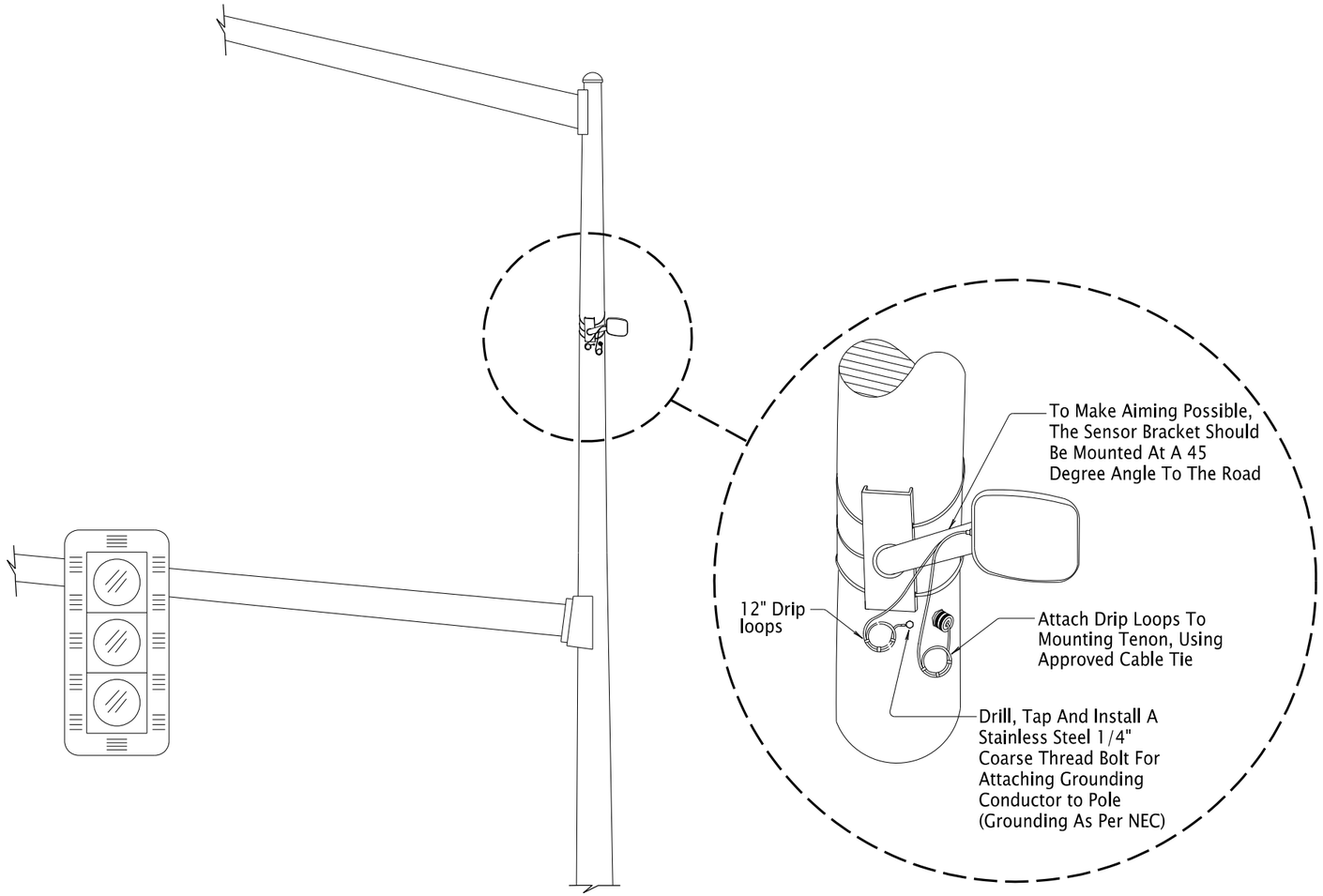
OREGON STANDARD DRAWINGS

VEHICLE SIGNAL BRACKET & SIGN BRACKET (TYPE B) DETAILS

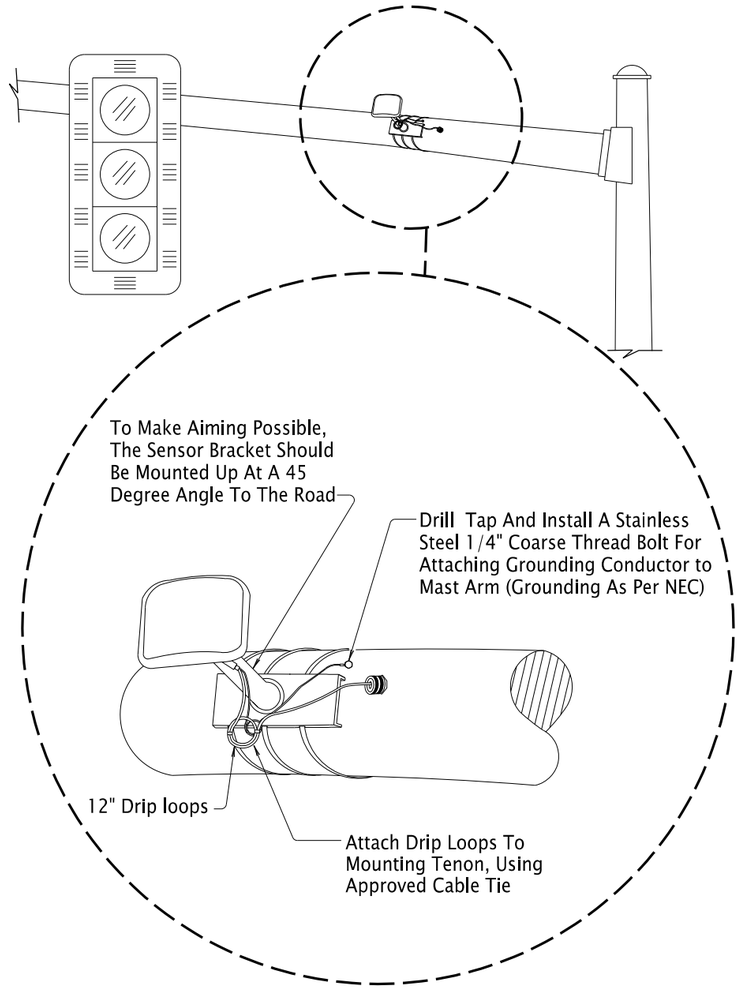
2021

DATE	REVISION DESCRIPTION
07/21	Reformatted Dimensions. Fixed Typo.

TM462



VERTICAL SIGNAL POLE MOUNT

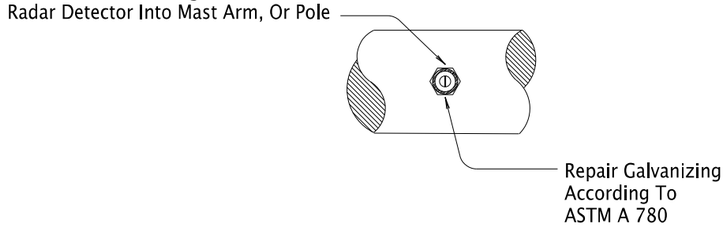


HORIZONTAL MAST ARM MOUNT

GENERAL NOTES:

1. All Bolts, Nuts And Washers Shall Be 304, Or 316 Stainless Steel Unless Noted Otherwise.

2. Mount Radar Detector Assembly As Per Manufacturers Recommendations.



CABLE GRIP

CALC. BOOK NO. _ N/A _ _ _ _ _ _ _ _ _

SDR REPORT DATE 1-Jul-2021 _ _ _ _ _ _ _ _ _ _ _ _

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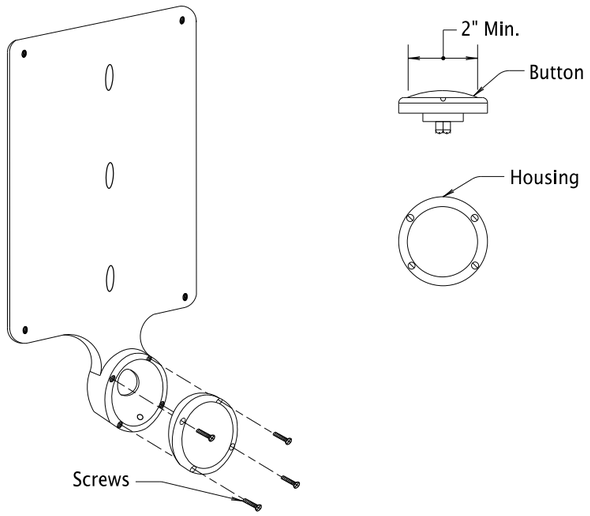
OREGON STANDARD DRAWINGS

RADAR MOUNTING DETAILS

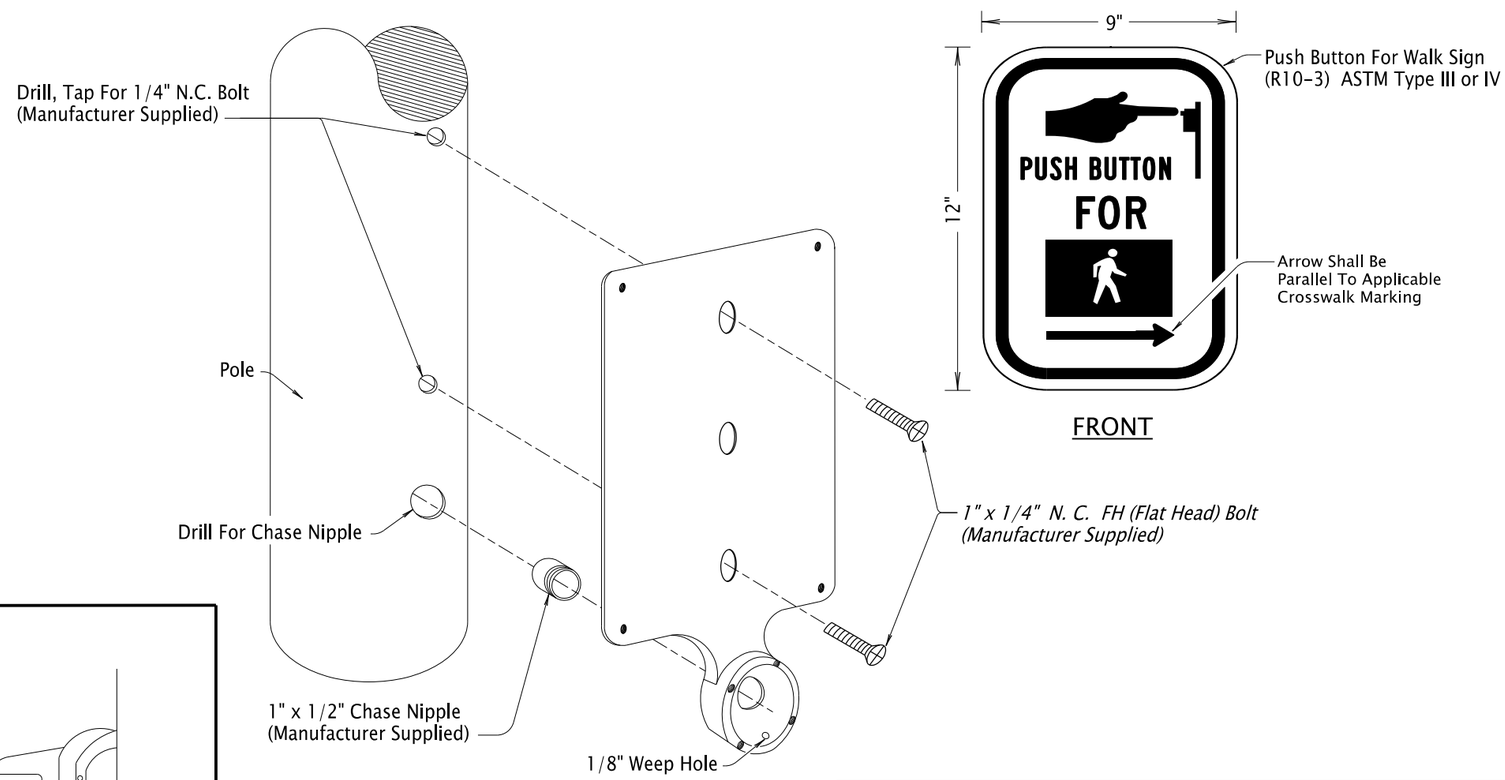
2021

DATE	REVISION DESCRIPTION
07/21	Fixed Graphical Typo.

TM466

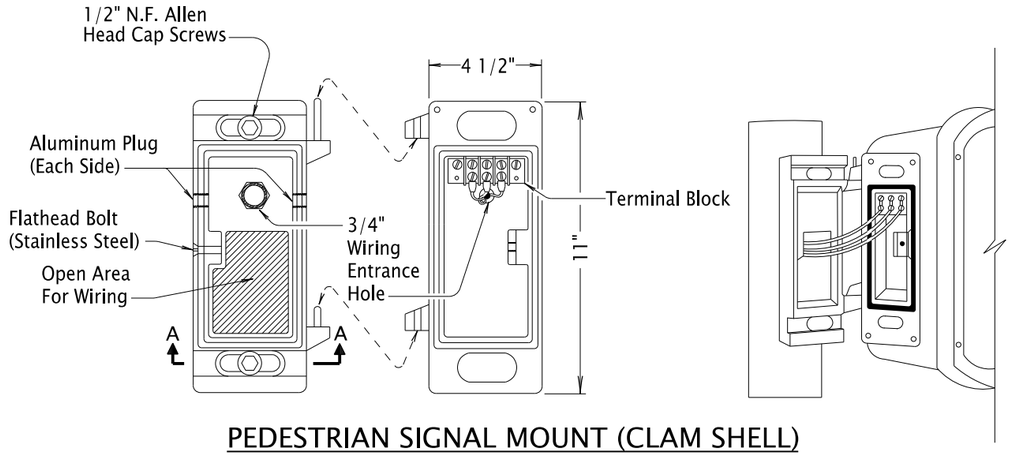


STANDARD PUSHBUTTON

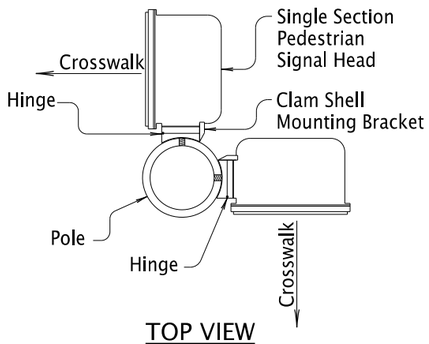


FRONT

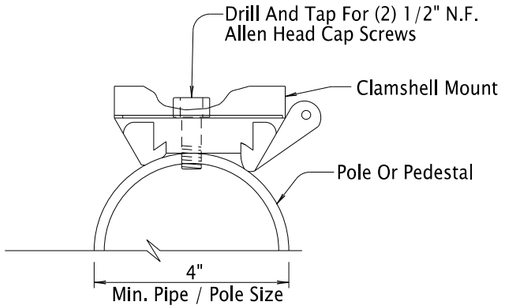
STANDARD PUSHBUTTON STATION
AND INSTRUCTION SIGN



PEDESTRIAN SIGNAL MOUNT (CLAM SHELL)



TOP VIEW



SECTION A-A

CLAM SHELL ORIENTATION

NOTES:

1. Where Two Heads Are Side Mounted On 4" Conduit, Proper Clearance Shall Be Maintained To Allow Legend To Be Fully Visible.
2. Clam Shells To Be Orientated So That The Heads Can Be Opened For Maintenance. (Verify Hinge Placement Of Clamshell).

General Notes:

1. All Screws, Bolts, Nuts And Washers Shall Be Type 304 Or 316 Stainless Steel Unless Noted Otherwise.
2. Bolts And Screws Shall Have Square Or Hex Heads. Allen Head Fasteners Not Allowed.
3. Drill And Tap Pole As Per Orientation Shown On Plans.
4. Horizontal Reach To The Pushbutton Shall Be 10 Inches Maximum. See Plans Or Consult Engineer To Ensure Compliance.

CALC. BOOK NO. N/A

SDR REPORT DATE 1-Jul-2021

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

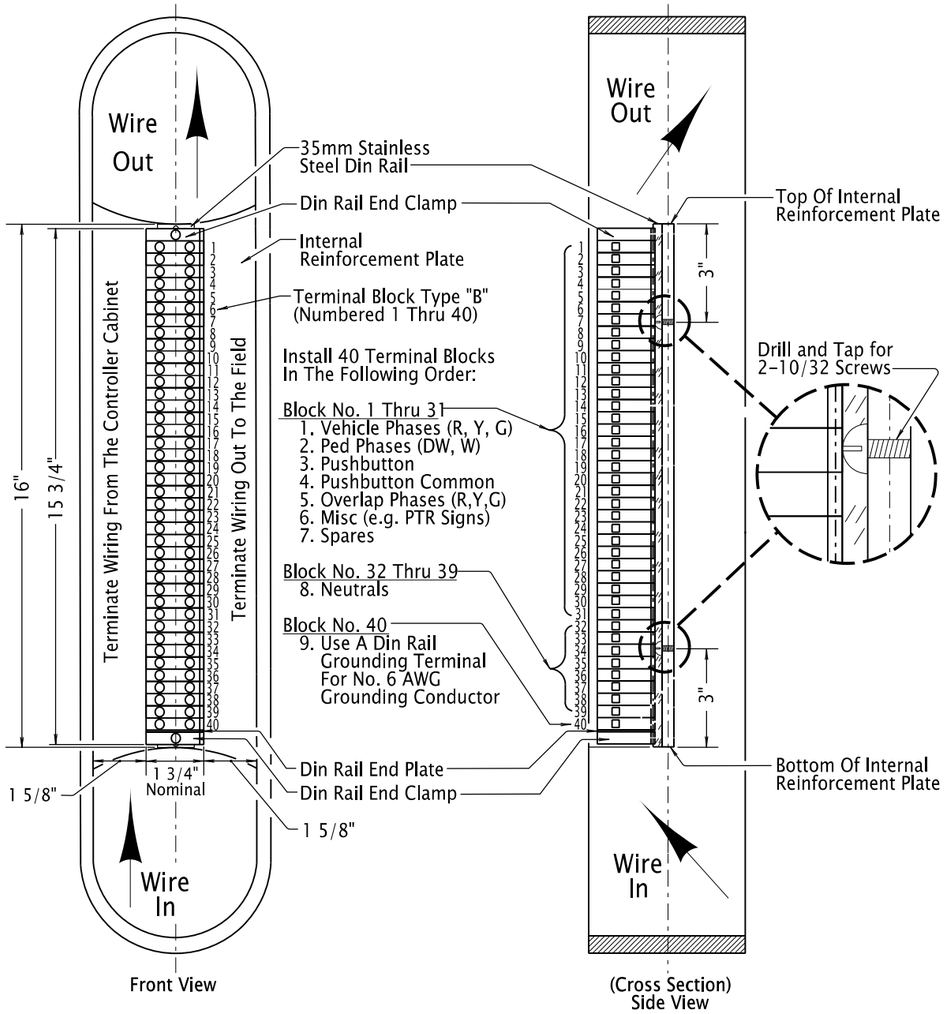
OREGON STANDARD DRAWINGS

PEDESTRIAN SIGNAL MOUNT AND PEDESTRIAN PUSHBUTTON DETAILS

2021

DATE	REVISION DESCRIPTION
07/21	Reformatted Dimensions

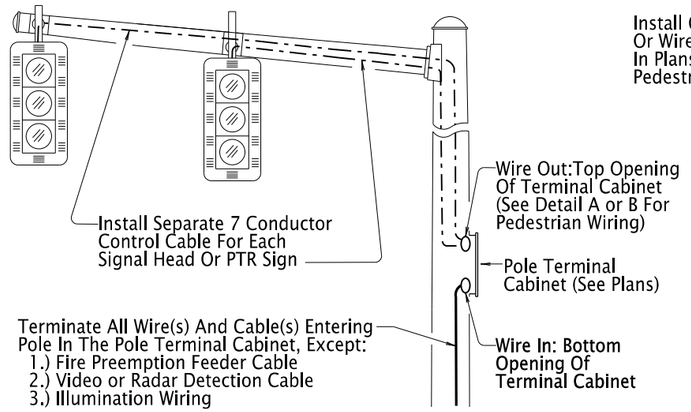
TM467

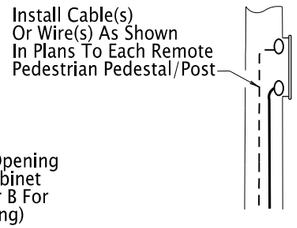


DIN RAIL, TERMINAL BLOCKS, & WIRING IN POLE RECESSED TERMINAL CABINET

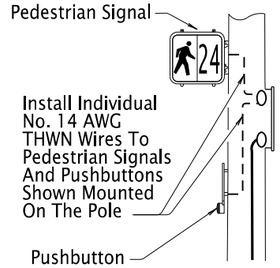
7 CONDUCTOR CONTROL CABLE			PEDESTRIAN PHASES	VEHICLE PHASES	SIGNAL HEAD TYPES			
CONDUCTOR NUMBER	BASE COLOR	FIRST TRACER	1 Pedestrian Phase	1 Vehicle Phase	6L, 3LBF	5 or 7	1R, 1Y, 2, 3L, 3LCF, 3R, 4 or 9	10
1	WHITE	—	NEUTRAL	NEUTRAL	NEUTRAL	NEUTRAL	NEUTRAL	NEUTRAL
2	BLACK	—	WALK	YELLOW	YELLOW	YELLOW	YELLOW	YELLOW
3	RED	—	DONT WALK	RED	RED	RED	RED	RED 1
4	ORANGE	—	P.B. COMMON	SPARE	FLASHING YELLOW	TURN YELLOW	SPARE	RED 2
5	GREEN	—	PUSHBUTTON	GREEN	GREEN	GREEN	GREEN	SPARE
6	BLUE	—	SPARE	SPARE	SPARE	TURN GREEN	SPARE	SPARE
7	WHITE	BLACK	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE

COLOR CODE CHART CONTROL CABLE





Detail A

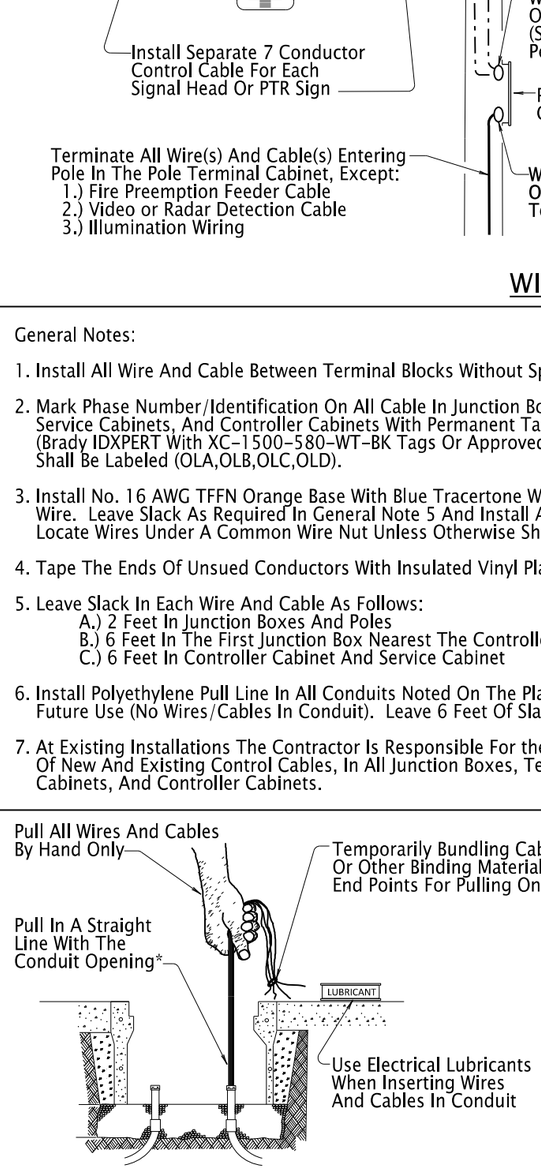


Detail B

WIRE & CABLE IN POLES

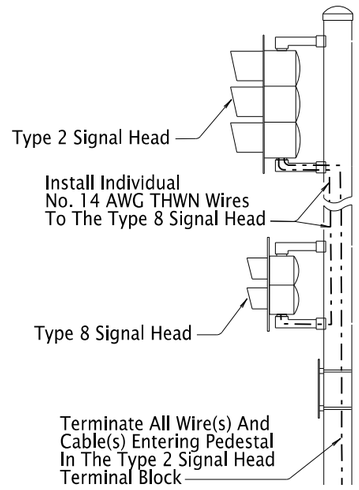
General Notes:

1. Install All Wire And Cable Between Terminal Blocks Without Splicing.
2. Mark Phase Number/Identification On All Cable In Junction Boxes, Terminal Cabinets, Service Cabinets, And Controller Cabinets With Permanent Tags. Use Handheld Labeler (Brady IDXPERT With XC-1500-580-WT-BK Tags Or Approved Equal). Wiring For Overlaps Shall Be Labeled (OLA,OLB,OLC,OLD).
3. Install No. 16 AWG TFFN Orange Base With Blue Tracertone Wire In All Conduits As A Locate Wire. Leave Slack As Required In General Note 5 And Install A Wire Nut. Do Not Join Multiple Locate Wires Under A Common Wire Nut Unless Otherwise Shown.
4. Tape The Ends Of Unsued Conductors With Insulated Vinyl Plastic Tape.
5. Leave Slack In Each Wire And Cable As Follows:
   A.) 2 Feet In Junction Boxes And Poles
   B.) 6 Feet In The First Junction Box Nearest The Controller Cabinet
   C.) 6 Feet In Controller Cabinet And Service Cabinet
6. Install Polyethylene Pull Line In All Conduits Noted On The Plans For Future Use (No Wires/Cables In Conduit). Leave 6 Feet Of Slack Pull Line.
7. At Existing Installations The Contractor Is Responsible For the Re-wiring And Re-numbering Of New And Existing Control Cables, In All Junction Boxes, Terminal Cabinets, Service Cabinets, And Controller Cabinets.



* Use A Pulley Device To Achieve A Straight Line If Pulls Are Made With Poles Or Controller Cabinets In Place

WIRE & CABLE IN CONDUITS



WIRE & CABLE IN RAMP METER PEDESTALS

CALC. BOOK NO. N/A

SDR REPORT DATE 1-Jul-2021

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OREGON STANDARD DRAWINGS

WIRE & CABLE INSTALLATION

2021

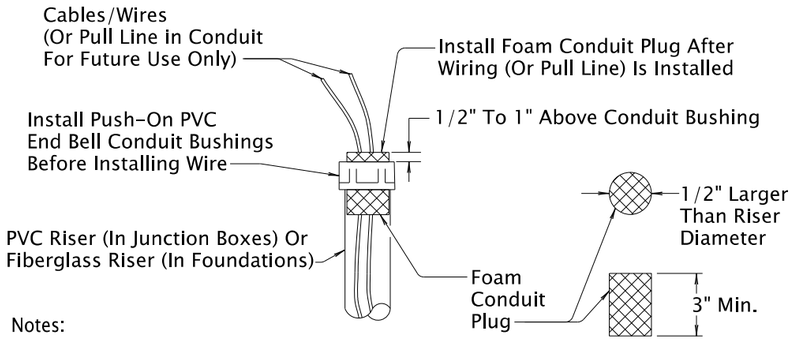
DATE	REVISION DESCRIPTION
07/21	Reformatted Dimensions

TM470

Type Of Conduit	Minimum Cover From Top of Finished Surface (Use Permit Depth If Greater Than These) Roadway & Shoulders	Other Areas
Metallic	24"	18"
Non-Metallic	30"	18"

Note:
1.) Additional Cover Depth May Be Necessary Near Foundations And Junction Boxes To Accommodate The Minimum Radius ("R") Of The Conduit Elbow. See "Conduit Elbow", "Conduit Installation In Foundations" And "Conduit Installation In Junction Boxes" Details For More Information.

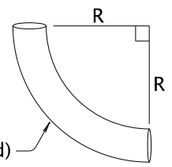
MINIMUM COVER FROM FINISHED SURFACE



Notes:

1.) Ream Conduit Ends To Remove Rough Edges And Burrs
2.) Temporarily Plug Or Cap Conduit Ends At All Times To Keep Debris Out

CONDUIT ENDS AND BUSHINGS

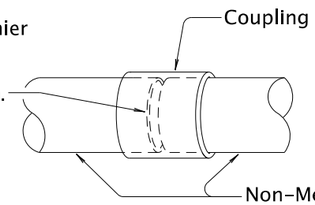


Standard Factory Fiberglass Bend
(No Crimping, Flattening, Field
Manipulation, Or Cutting In The Field)

Conduit Diameter	R (min.)
1 1/2"	10"
2"	12"
2 1/2"	15"
3"	18"

CONDUIT ELBOWS

Make Cuts Square And True So
Conduit Ends Fit Together For Thier
Full Circumference. Use Solvent
Weld To Connect Conduit As Per
Manufacturer's Recommendation.

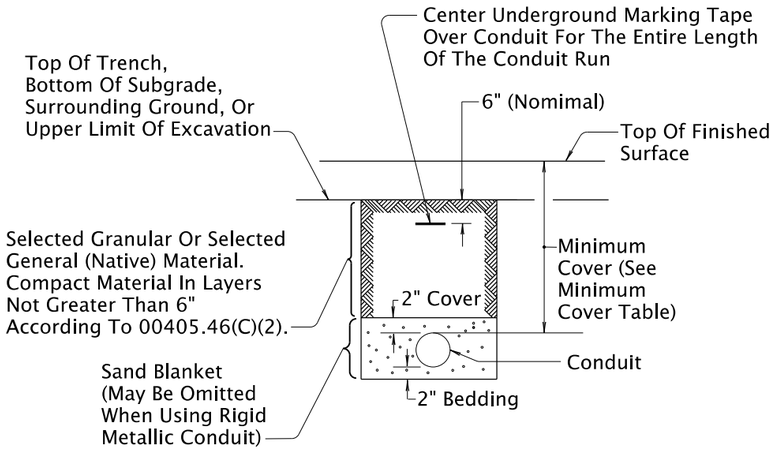


Notes:

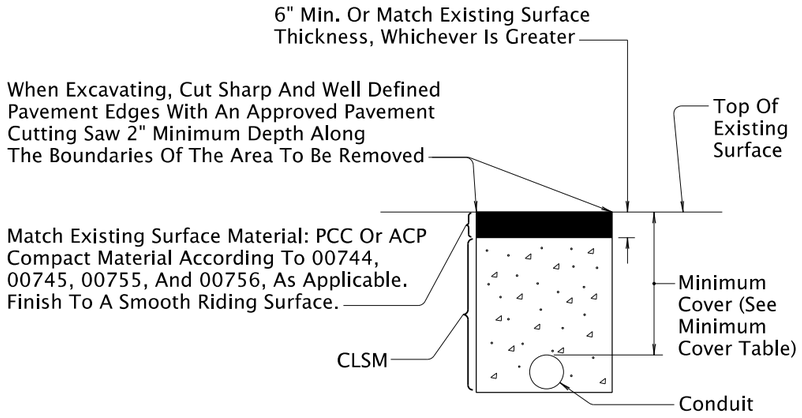
1.) Slip Joints, Running Threads Or Reducing Couplings Not Allowed. Use The Same Size Conduit For The Entire Length, Outlet To Outlet.

CONDUIT COUPLINGS

TM471



UNSURFACED AREAS
(new roadway prior to paving, shoulders, under sidewalk, landscaped areas, etc.)

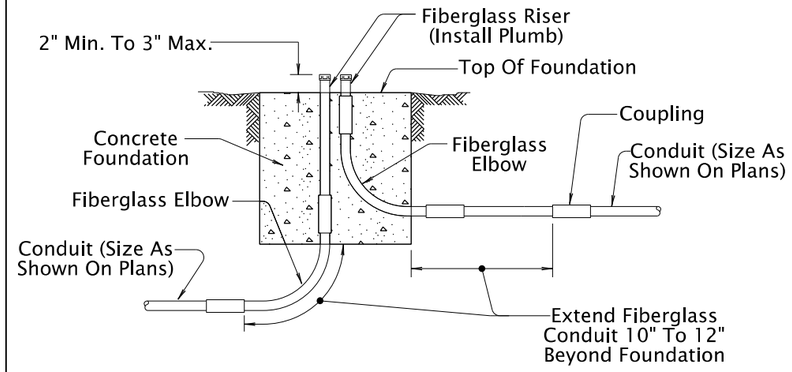


EXISTING PAVED AREAS

Trenching & Backfill Notes:

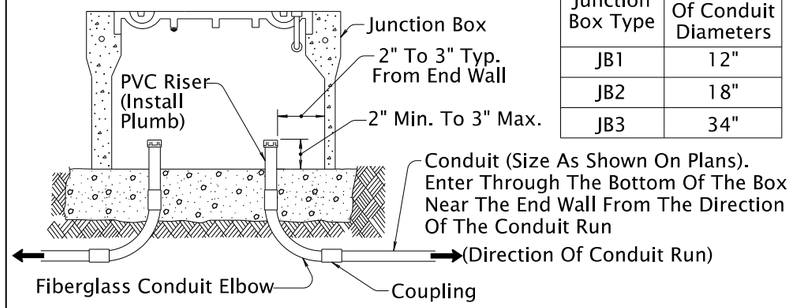
1. Excavate According To 00960.40. In Areas To Be Paved Or Landscaped, Place All Conduit Before Paving Or Landscaping.
2. Hold Trench Width To A Practical Minimum
3. Do Not Backfill Trenches Until Inspected By The Engineer
4. Furnish Backfill Materials According To 00960.10

CONDUIT OPEN TRENCH EXCAVATION & BACKFILL



CONDUIT INSTALLATIONS IN FOUNDATIONS

(Applicable for Pole, Pedestal, Post, Service Cabinet and Controller Cabinet Foundations)



Junction Box Type	Max. Sum Of Conduit Diameters
JB1	12"
JB2	18"
JB3	34"

CONDUIT INSTALLATION IN JUNCTION BOXES

General Notes:

1. Install Non-Metallic Conduit Unless Otherwise Shown. Conduit Runs Shall Be Continous Between Any Pole, Junction Box, Or Cabinet.
2. Install Conduit By Open Trench Method, Horizontal Directional Drilling, Or As Shown
3. Conduit Runs Shown On Plans Are For Bidding Purposes Only. Locations May Be Changed To Avoid Obstructions.
4. Larger Conduit Than Specified May Be Used At The Option And Cost Of The Contractor If Max. Sum Of Conduit Diameters In Junction Box Is Not Exceeded.

CALC. BOOK NO. _ N/A _ _ _ _ _ _ _ _ _

SDR REPORT DATE 1-Jul-2021 _ _ _ _ _ _ _ _ _ _ _ _

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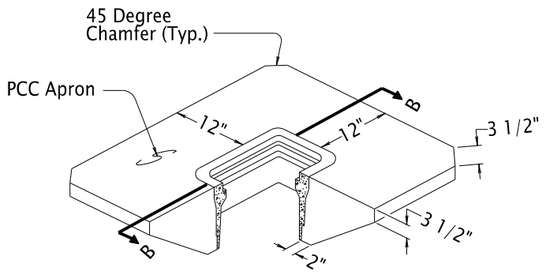
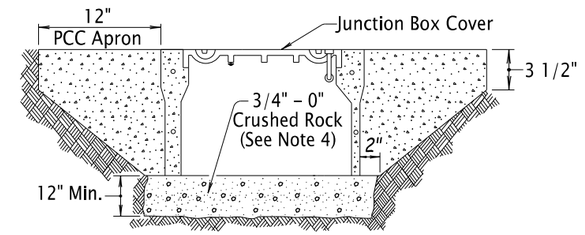
OREGON STANDARD DRAWINGS

TRENCHING & CONDUIT INSTALLATION

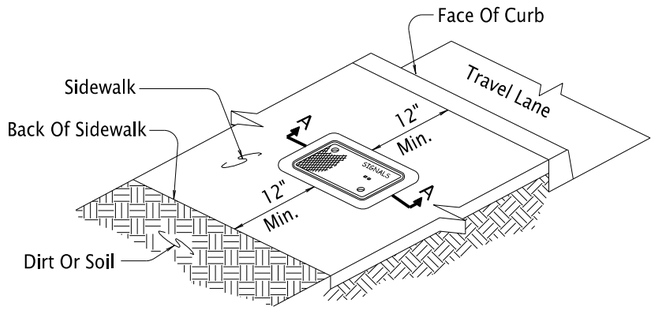
2021

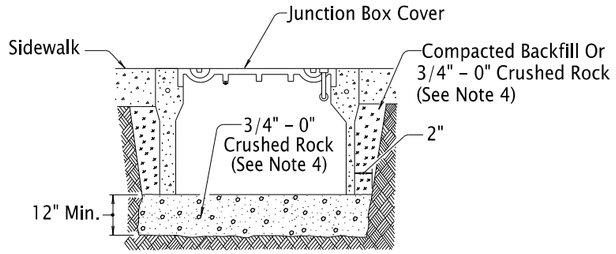
DATE	REVISION DESCRIPTION
01/21	Added Note 1 To "Minimum Cover From Finished Surface" Detail
07/21	Reformatted Dimensions. Modified "Conduit Ends And Bushings"
	And "Conduit Elbows" Details.





SECTION B-B

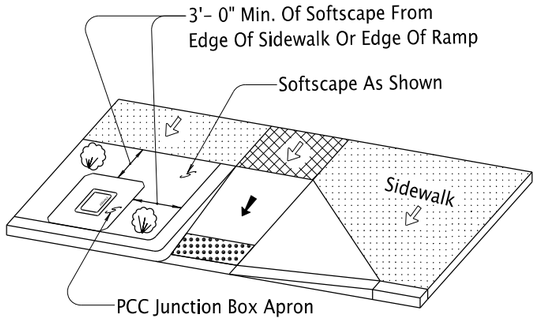




SECTION A-A

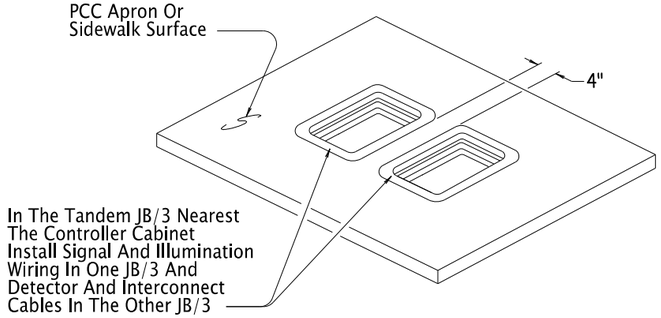
JUNCTION BOX INSTALLATION IN PCC SIDEWALK

(This Detail Only Applicable for Junction Boxes Located In Flat Areas Of Sidewalks. Do Not Install In Slopes Of Ramps Or Driveways)

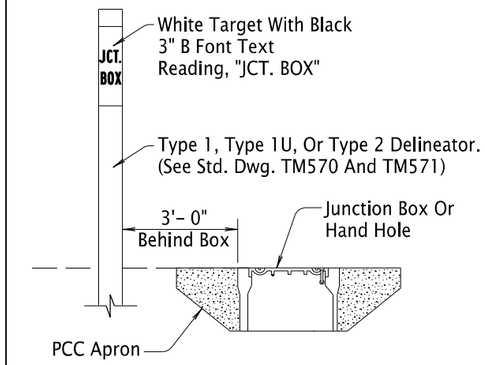


JUNCTION BOX INSTALLATION IN UNSURFACED AREA

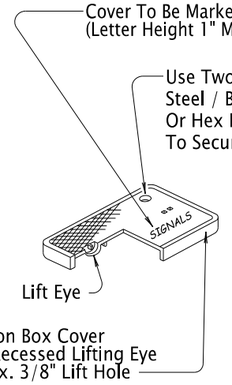
(This Detail Only Applicable for Junction Boxes Located In Incidental Travel Areas; Gravel Shoulders, Behind Guardrail, Etc. Do Not Install In Travel Lanes, Paved Shoulders, Or Other Areas Exposed To Traffic.)



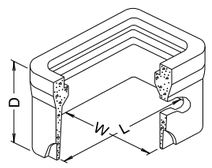
TANDEM JB/3A JUNCTION BOX DETAILS



DELINEATION OF JUNCTION BOX & HAND HOLE IN UNSURFACED AREA



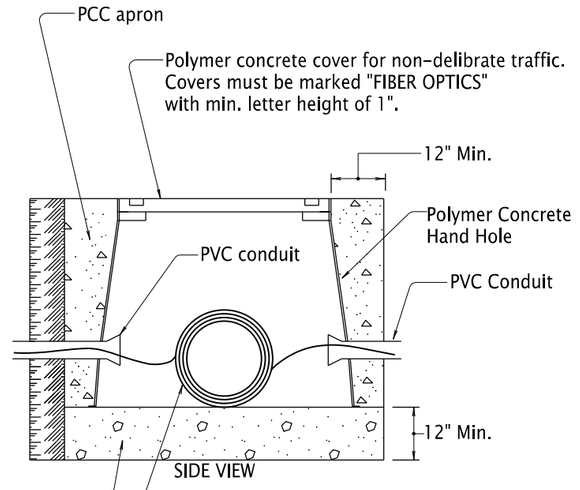
JUNCTION BOX COVER DETAILS

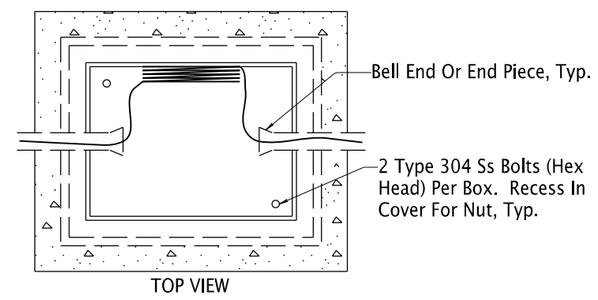


Type*	L	W	D
JB1	17"	10"	12"
JB2	22"	12"	12"
JB3	30"	17"	12"
HH-1	24"	30"	24"
HH-2	30"	48"	24"
HH-3	30"	48"	36"

*Junction Box Or Handhole Type As Shown On Plans

DIMENSION TABLE





FIBER OPTIC CABLE HAND HOLE INSTALLATION

GENERAL NOTES:

1. Install Top of Junction Box And Hand Hole Flush With The Sidewalk, Surrounding Grade, Or Top Of Curb. For Hand Holes Installed In The Roadway Or Shoulder, Leave The Top Of The Hand Hole 1/2" Below The Pavement Surface.
2. Install Junction Boxes And Hand Holes At The Approximate Locations Shown, Or If Not Shown, No More Than 300 Feet Apart For Junction Boxes And No More Than 1000 Feet Apart For Hand Holes.
3. More Junction Boxes And Hand Holes Than Specified May Be Installed To Facilitate The Work At The Option And Cost Of The Contractor
4. Use Materials According To 00640.10 and 00640.16. Use Compaction Equipment Suitable For Area And Compact Each Six Inch Layer With Sufficient Coverages To Produce A Firm Unyielding Surface. Do Not Install Conductors Until Surface Has Been Constructed.

CALC. BOOK NO. N/A

SDR REPORT DATE 1-Jul-2021

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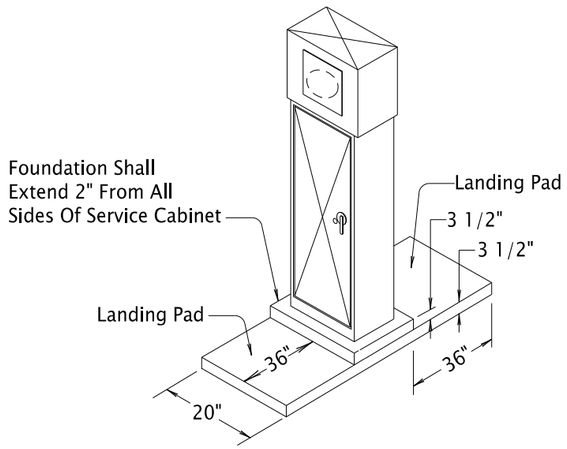
OREGON STANDARD DRAWINGS

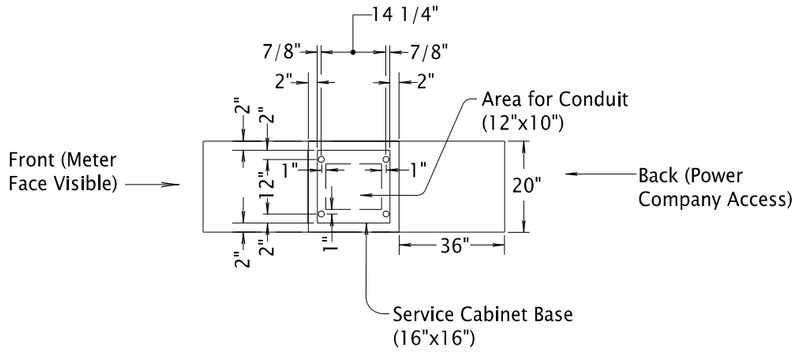
TRAFFIC SIGNAL JUNCTION BOXES/ HAND HOLES

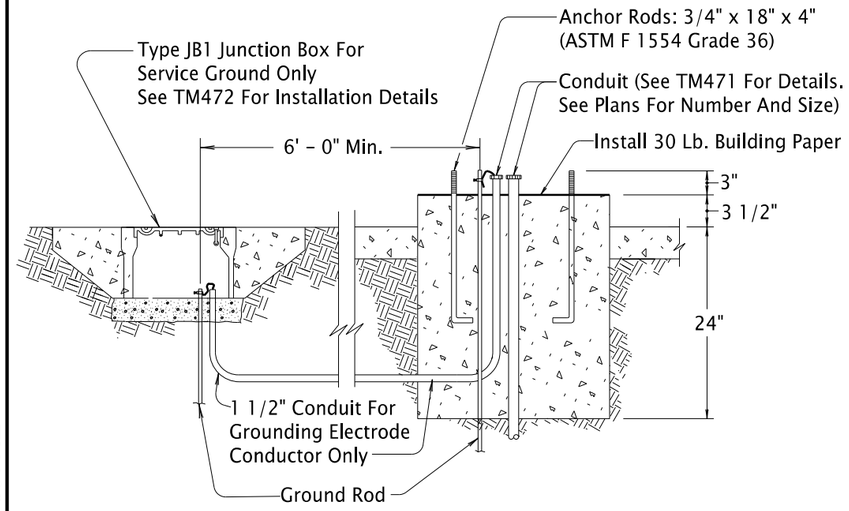
2021

DATE	REVISION DESCRIPTION
07/21	Reformatted Dimensions

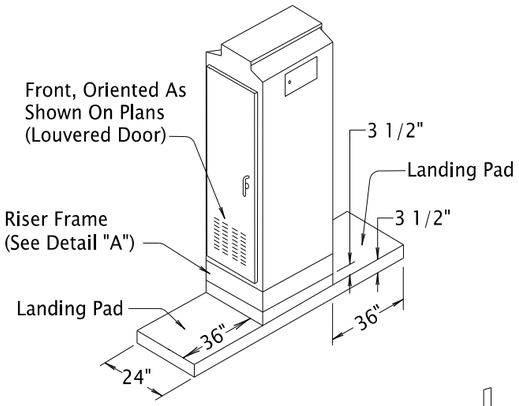
TM472

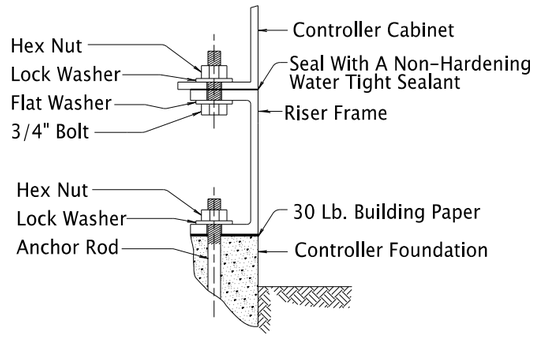




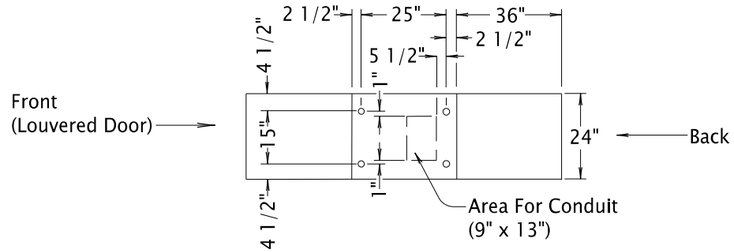


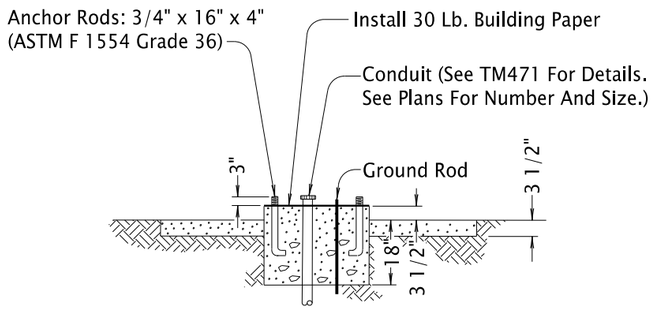
BASE MOUNTED SERVICE CABINET FOUNDATION





DETAIL "A"
RISER FRAME CONNECTION

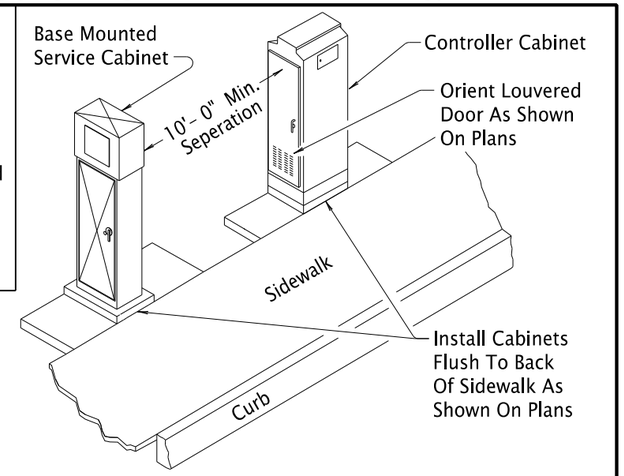




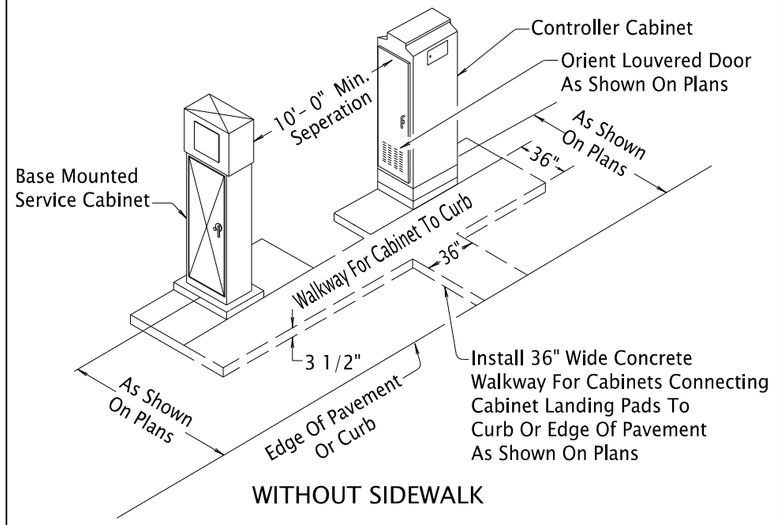
CONTROLLER CABINET FOUNDATION DETAILS
(Model 332S, 332, 334, And 340 Cabinets)

General Notes:

1. All Screws, Bolts, Nuts And Washers Shall Be Galvanized Steel Unless Noted Otherwise.
2. Bolts And Screws Shall Have Square Or Hex Heads. Allen Fasteners Not Allowed.
3. Type 304 Or 316 Stainless Steel Or Galvanized Steel May Be Used For Mounting Cabinet To Riser Frame.
4. Provide A 3/4" Chamfer On All Exposed Concrete Edges.



WITH SIDEWALK



WITHOUT SIDEWALK

CABINET FOUNDATION LOCATIONS

Note: Verify Base Mounted Service Cabinet Location And Meter Placement Is Acceptable To Local Power Company

CALC. BOOK NO. N/A

SDR REPORT DATE 1-Jul-2021

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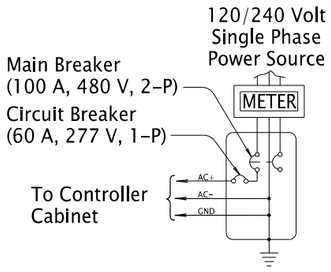
OREGON STANDARD DRAWINGS

CONTROLLER CABINET & SERVICE CABINET FOUNDATION DETAILS

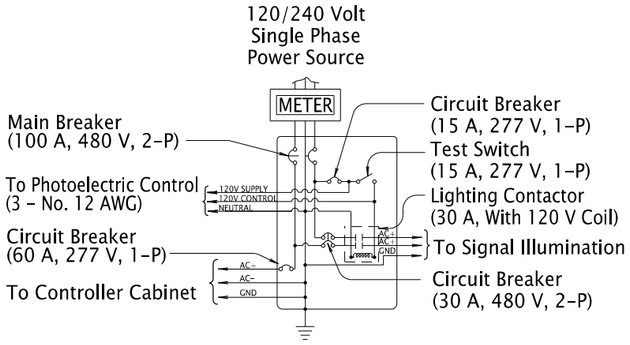
2021

DATE	REVISION DESCRIPTION
01/21	Updated All Anchor Rod Details
07/21	Reformatted Dimensions. Added General Note #4.

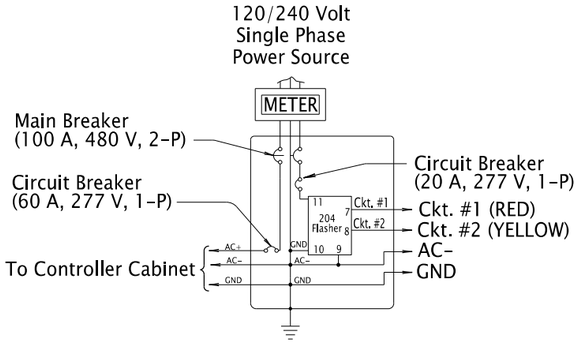
TM482



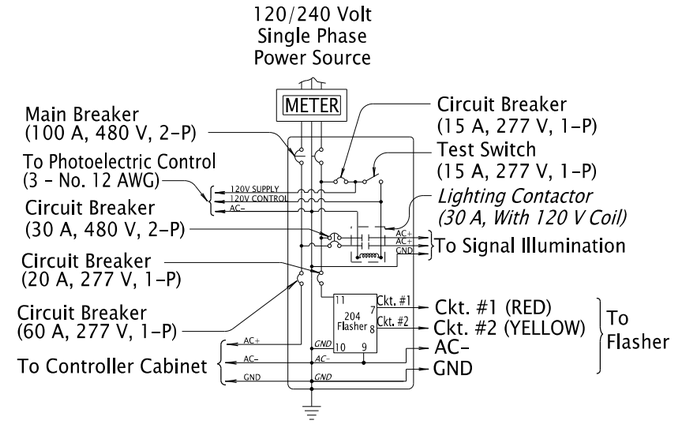
SERVICE CABINET WIRING FOR
120/240 VOLT SIGNAL SERVICE
BMC



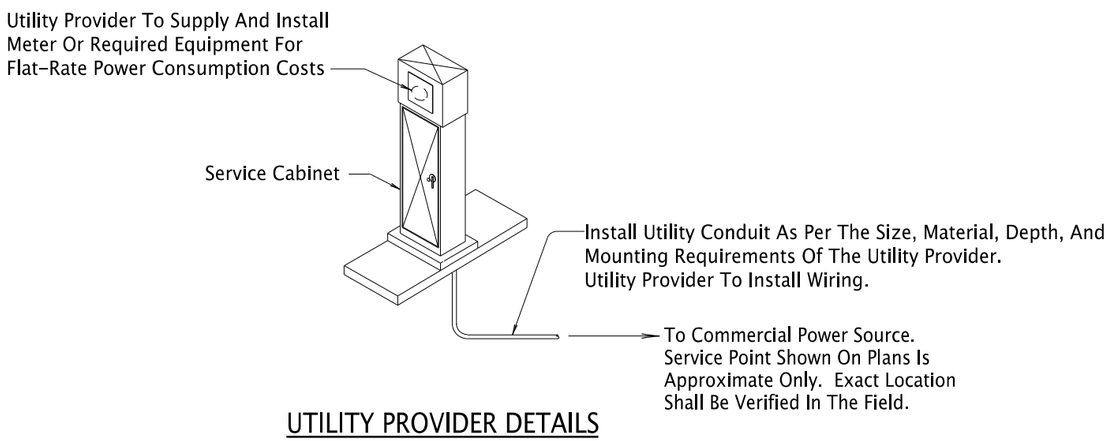
SERVICE CABINET WIRING
WITH 240 VOLT ILLUMINATION
BMCL



SERVICE CABINET WIRING
WITH FLASHER
BMCF



SERVICE CABINET WIRING
FOR SIGNAL, FLASHER &
240 VOLT ILLUMINATION
BMCFL



UTILITY PROVIDER DETAILS

General Notes:

1. Notify Utility Before Making Any Connections To Utility Poles.

2. Service Cabinet Shall Have A Solid Copper Neutral Bus And The Number And Size Of Switches Or Circuit Breakers As Shown. Service Cabinet Can Accommodate A Maximum Of 10 Circuit Breakers.

3. Wiring Connections To The Terminal Screws On The Circuit Breakers And Contactors Shall Make Full Contact Under The Screw Head.

4. Circuit Breakers Shall Be UL489 Listed, Unenclosed, Molded Case Bolt-On Type With End Conductor Terminals Suitable For Surface Mounting In The Cabinet On A False Back Or Bracket.

5. Label Circuit Breakers And Equipment With An Engraved Permanent Label On The Dead Front Panel To Indicate The Circuit Controlled.

CALC. BOOK NO. _ N/A _ _ _ _ _ _ _ _ _

SDR REPORT DATE 1-Jul-2021 _ _ _ _ _ _ _ _ _ _ _ _

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OREGON STANDARD DRAWINGS

SERVICE CABINET WIRING DETAILS

2021

DATE	REVISION DESCRIPTION
07/21	Modified General Note #2

TM485

W

4" WHITE LINE

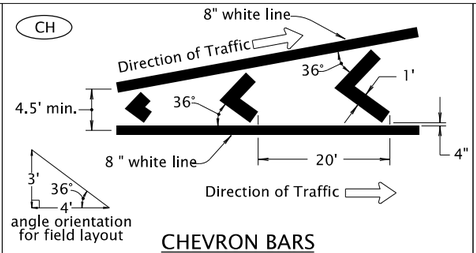
W-2

8" WHITE LINE

Y

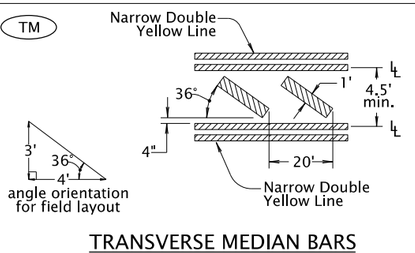
4" YELLOW LINE

CH



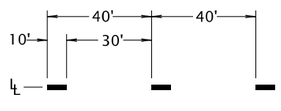
CHEVRON BARS
1' WHITE BARS AT 20' SPACING

TM



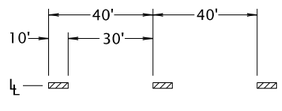
TRANSVERSE MEDIAN BARS
1' YELLOW BARS AT 20' SPACING

WB



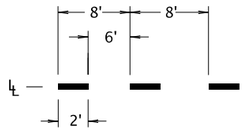
4" WHITE BROKEN LINE

YB



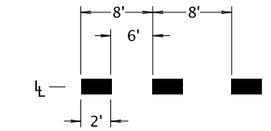
4" YELLOW BROKEN LINE

WD



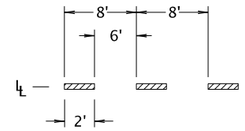
4" WHITE DOTTED LINE
For lane extensions

WD-2



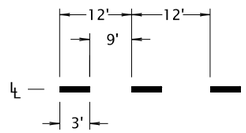
8" WHITE DOTTED LINE
For lane extensions and bike lane extensions

YD



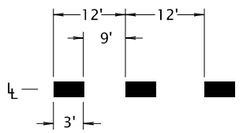
4" YELLOW DOTTED LINE
For lane extensions

DLL



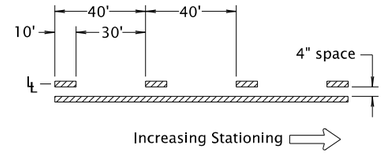
4" WHITE DOTTED LANE LINE
For lane lines in acceleration/deceleration lanes

DLL-2



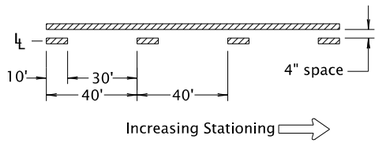
8" WHITE DOTTED LANE LINE
For lane lines in drop lanes

NPR



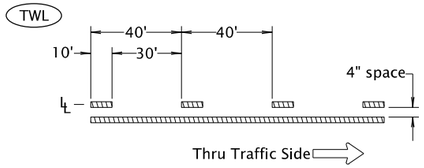
NO-PASS RIGHT
4" YELLOW LINES

NPL



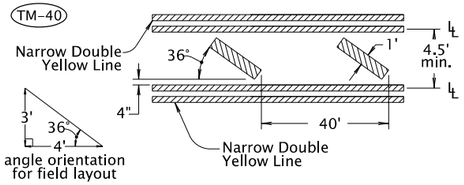
NO-PASS LEFT
4" YELLOW LINES

TWL



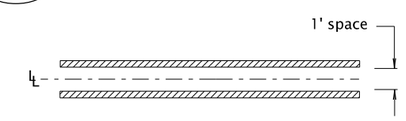
TWO-WAY LEFT TURN
4" YELLOW LINES

TM-40



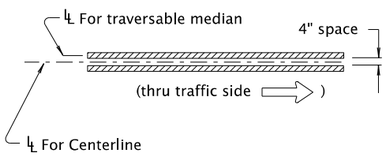
TRANSVERSE MEDIAN BARS
1' YELLOW BARS AT 40' SPACING
For use at painted medians where
distance between left turn refuges exceeds 200'

D



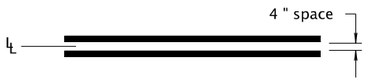
DOUBLE NO-PASS
TWO 4" YELLOW LINES

ND



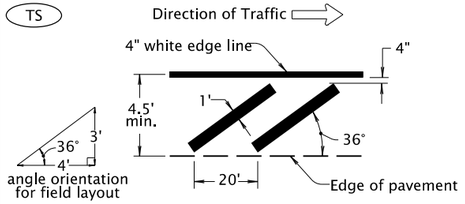
NARROW DOUBLE NO-PASS
TWO 4" YELLOW LINES

NDW



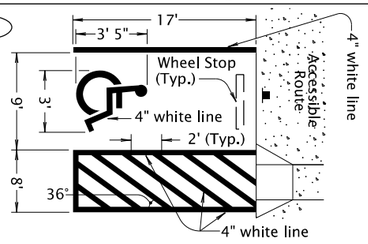
NARROW DOUBLE NO-LANE CHANGE
TWO 4" WHITE LINES

TS



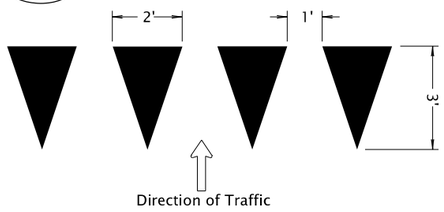
TRANSVERSE SHOUDER BARS
1' WHITE BARS AT 20' SPACING

HC



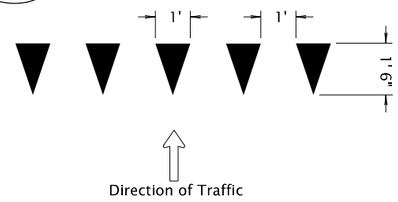
DISABLED PARKING DETAIL (white)

YLD



YIELD LINE (white)

BYLD



BICYCLE YIELD LINE (white)

LEGEND

Direction Of Traffic, Increasing Stationing Or Thru Traffic Side

℄ — Lane line dimensions are shown on the striping plans

CALC. BOOK NO. N/A

SDR DATE 07/01/2020

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OREGON STANDARD DRAWINGS

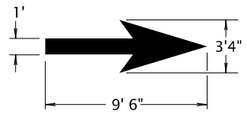
PAVEMENT MARKING STANDARD DETAIL BLOCKS

2021

DATE	REVISION DESCRIPTION
07/2020	*Changed Min. widths for CH, TM, TM-40, and TS*

TM500

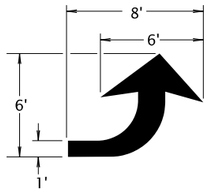
SA



STRAIGHT ARROW (white)

For arrow proportion details, see current version of Standard Highway Signs

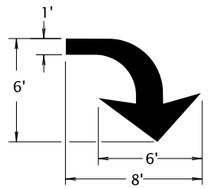
LA



LEFT TURN ARROW (white)

For arrow proportion details, see current version of Standard Highway Signs

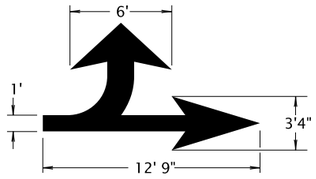
RA



RIGHT TURN ARROW (white)

For arrow proportion details, see current version of Standard Highway Signs

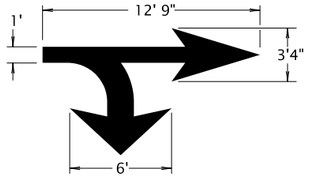
LSA



LEFT TURN STRAIGHT ARROW (white)

For arrow proportion details, see current version of Standard Highway Signs

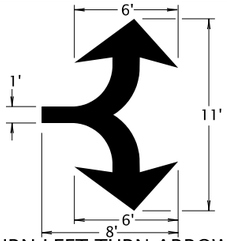
RSA



RIGHT TURN STRAIGHT ARROW (white)

For arrow proportion details, see current version of Standard Highway Signs

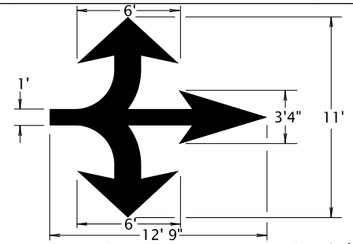
RALA



RIGHT TURN LEFT TURN ARROW (white)

For arrow proportion details, see current version of Standard Highway Signs

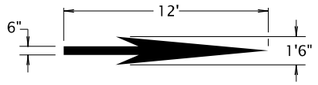
RSLA



RIGHT TURN STRAIGHT LEFT TURN ARROW (white)

For arrow proportion details, see current version of Standard Highway Signs

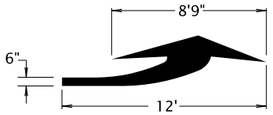
E-SA



ELONGATED STRAIGHT ARROW (white)

For arrow proportion details, see current version of Standard Highway Signs

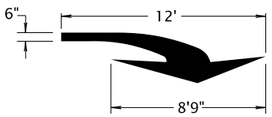
E-LA



ELONGATED LEFT TURN ARROW (white)

For arrow proportion details, see current version of Standard Highway Signs

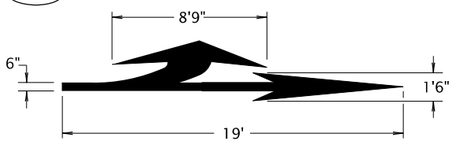
E-RA



ELONGATED RIGHT TURN ARROW (white)

For arrow proportion details, see current version of Standard Highway Signs

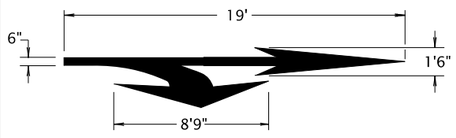
E-LSA



ELONGATED LEFT TURN STRAIGHT ARROW (white)

For arrow proportion details, see current version of Standard Highway Signs

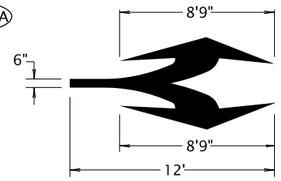
E-RSA



ELONGATED RIGHT TURN STRAIGHT ARROW (white)

For arrow proportion details, see current version of Standard Highway Signs

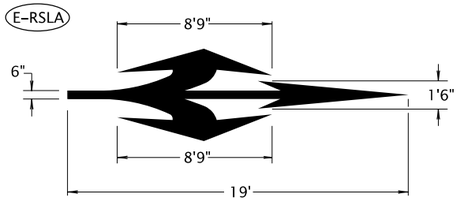
E-RALA



ELONGATED RIGHT TURN LEFT TURN ARROW (white)

For arrow proportion details, see current version of Standard Highway Signs

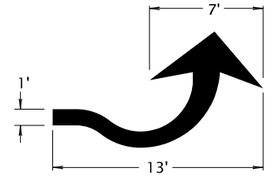
E-RSLA



ELONGATED RIGHT TURN STRAIGHT LEFT TURN ARROW (white)

For arrow proportion details, see current version of Standard Highway Signs

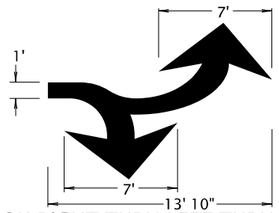
F-LA



FISH-HOOK LEFT TURN ARROW (white)

For arrow proportion details, see the current ODOT Traffic Line Manual

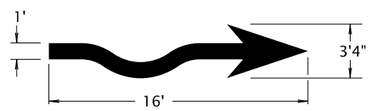
F-RALA



FISH-HOOK RIGHT TURN LEFT TURN ARROW (white)

For arrow proportion details, see the current ODOT Traffic Line Manual

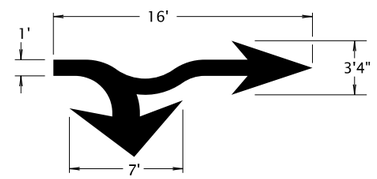
F-SA



FISH-HOOK STRAIGHT ARROW (white)

For arrow proportion details, see the current ODOT Traffic Line Manual

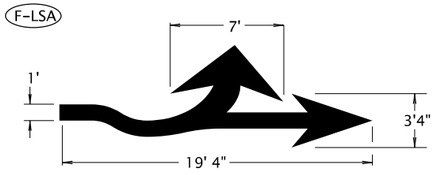
F-RSA



FISH-HOOK RIGHT TURN SRAIGHT ARROW (white)

For arrow proportion details, see the current ODOT Traffic Line Manual

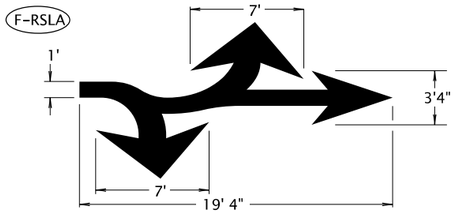
F-LSA



FISH-HOOK LEFT TURN STRAIGHT ARROW (white)

For arrow proportion details, see the current ODOT Traffic Line Manual

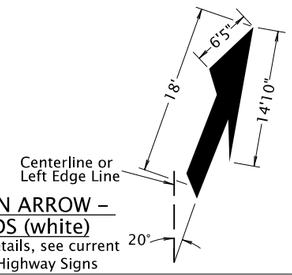
F-RSLA



FISH-HOOK RIGHT TURN STRAIGHT LEFT TURN ARROW (white)

For arrow proportion details, see the current ODOT Traffic Line Manual

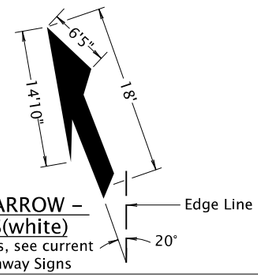
LRA-R



LANE REDUCTION ARROW - LEFT LANE ENDS (white)

For arrow proportion details, see current version of Standard Highway Signs

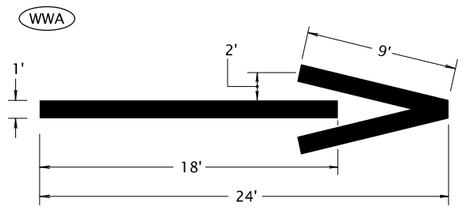
LRA-R



LANE REDUCTION ARROW - RIGHT LANE ENDS(white)

For arrow proportion details, see current version of Standard Highway Signs

WWA



WRONG-WAY ARROW (white)

General Note:

1. Center pavement markings within the lane width.
2. Arrow and letter dimensions nominal, excluding WWA.

CALC. BOOK NO. N/A

SDR DATE 07/01/2020

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications.

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

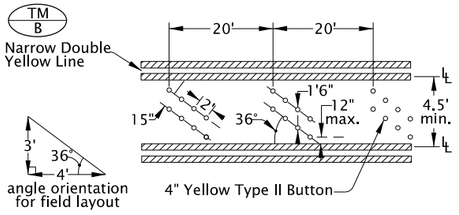
PAVEMENT MARKING STANDARD DETAIL BLOCKS

2021

DATE	REVISION DESCRIPTION
07/2020	Some Detail Blocks moved to new Std. Drawing TM504
	Fish-hook Arrows added, LRA split into LRA-L and LRA-R

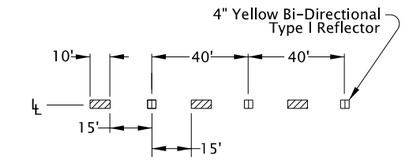
TM501

TM B



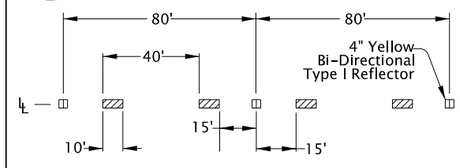
TRANSVERSE MEDIAN BAR SUBSTITUTION BUTTON

YB R-40



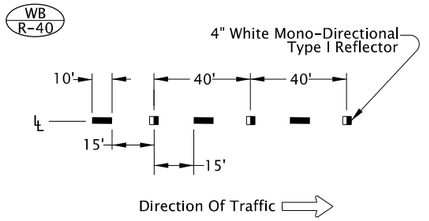
YELLOW BROKEN LINE SUPPLEMENTATION REFLECTORS WITH 4" YELLOW BROKEN LINE

YB R-80



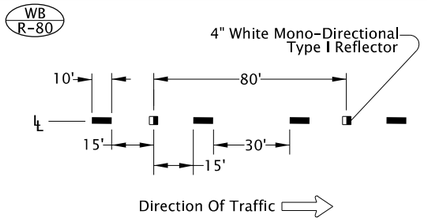
YELLOW BROKEN LINE SUPPLEMENTATION REFLECTORS WITH 4" YELLOW BROKEN LINE

WB R-40



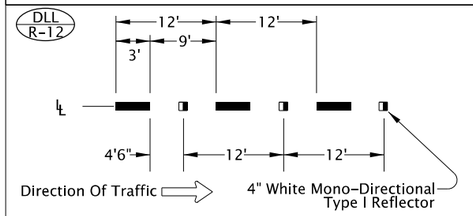
WHITE BROKEN LINE SUPPLEMENTATION REFLECTORS WITH 4" WHITE BROKEN LINE

WB R-80



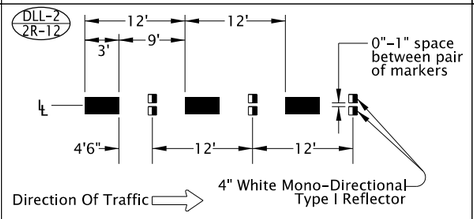
WHITE BROKEN LINE SUPPLEMENTATION REFLECTORS WITH 4" WHITE BROKEN LINE

DLL R-12



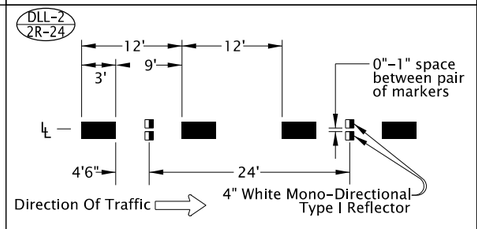
WHITE DOTTED LANE LINE SUPPLEMENTATION REFLECTORS WITH 4" WHITE DOTTED LANE LINE

DLL-2 2R-12



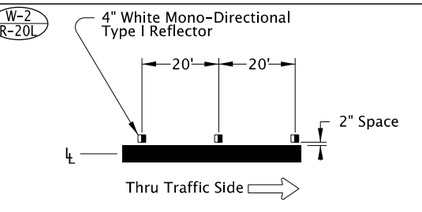
WIDE DOTTED LANE LINE SUPPLEMENTATION REFLECTORS WITH 8" WHITE DOTTED LANE LINE

DLL-2 2R-24



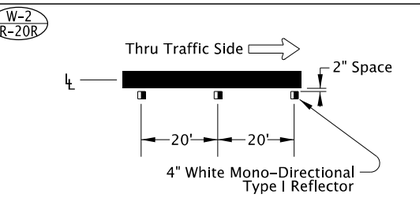
WIDE DOTTED LANE LINE SUPPLEMENTATION REFLECTORS WITH 8" WHITE DOTTED LANE LINE

W-2 R-20L



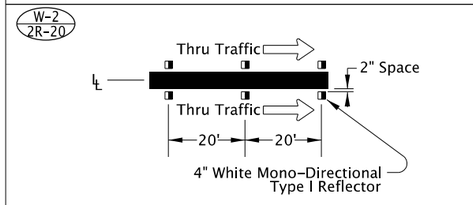
CHANNELIZING LINE POSITIONING GUIDE REFLECTORS WITH 8" WHITE LINE

W-2 R-20R



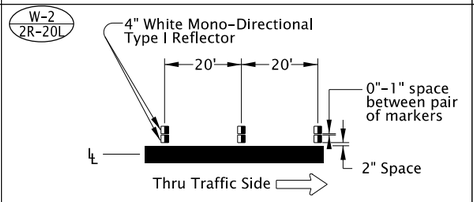
CHANNELIZING LANE LINE POSITIONING GUIDE REFLECTORS WITH 8" WHITE LINE

W-2 2R-20



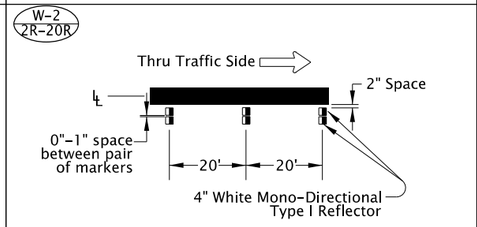
CHANNELIZING LANE LINE POSITIONING GUIDE REFLECTORS WITH 8" WHITE LINE

W-2 2R-20L



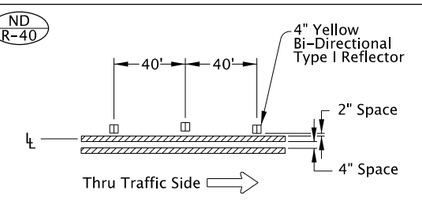
CHANNELIZING LINE SUPPLEMENTATION REFLECTORS WITH 8" WHITE LINE

W-2 2R-20R



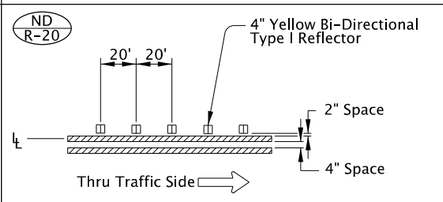
CHANNELIZING LINE SUPPLEMENTATION REFLECTORS WITH 8" WHITE LINE

ND R-40



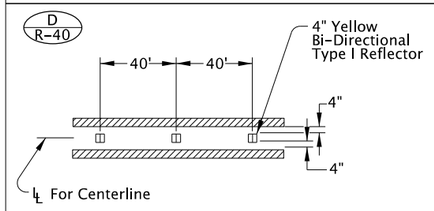
NARROW DOUBLE YELLOW POSITIONING GUIDE REFLECTORS WITH TWO 4" YELLOW LINES

ND R-20



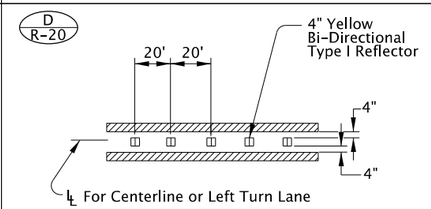
NARROW DOUBLE YELLOW POSITIONING GUIDE REFLECTORS WITH TWO 4" YELLOW LINES

D R-40



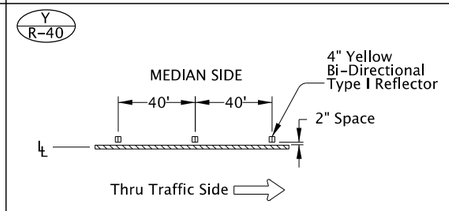
DOUBLE NO-PASS POSITIONING GUIDE REFLECTORS WITH TWO 4" YELLOW LINES

D R-20



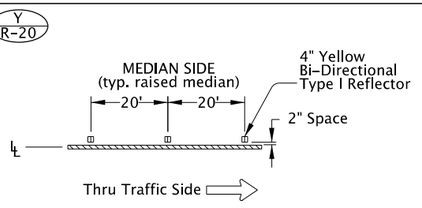
DOUBLE NO-PASS POSITIONING GUIDE REFLECTORS WITH TWO 4" YELLOW LINES

Y R-40



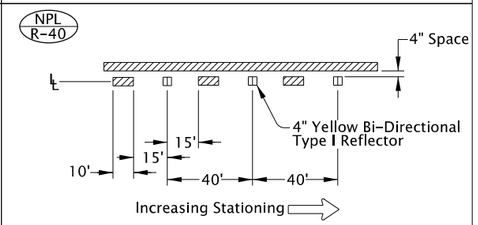
YELLOW LINE POSITIONING GUIDE REFLECTORS WITH 4" YELLOW LINE

Y R-20



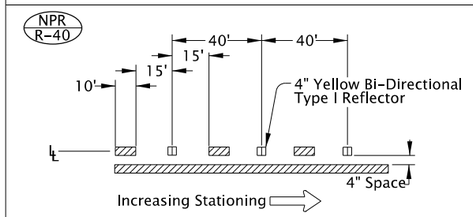
YELLOW LINE POSITIONING GUIDE REFLECTORS WITH 4" YELLOW LINE

NPL R-40



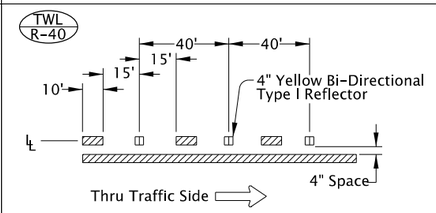
NO-PASS LEFT POSITIONING GUIDE REFLECTORS WITH 4" YELLOW LINES

NPR R-40



NO-PASS RIGHT POSITIONING GUIDE REFLECTORS WITH 4" YELLOW LINES

TWL R-40



TWO WAY LEFT TURN POSITIONING GUIDE REFLECTORS WITH 4" YELLOW LINES

General note:

1) Surface mount Raised Pavement Markers (RPMs) unless otherwise specified.

LEGEND

- Direction Of Travel, Increasing Stationing or Thru Traffic Side
- ℄ — Lane line dimensions are shown on the striping plans
- Mono-directional crystal white marker reflects white to the left in this symbol
- Bi-directional yellow marker reflects yellow both left and right in this symbol

CALC. BOOK NO. N/A

SDR DATE 07/01/2020

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OREGON STANDARD DRAWINGS

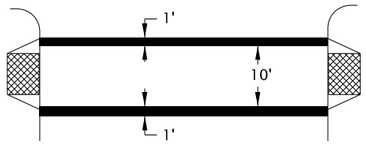
PAVEMENT MARKING STANDARD DETAIL BLOCKS

2021

DATE	REVISION DESCRIPTION
07/2020	Changed min. width of TM/B from 6' to 4.5'

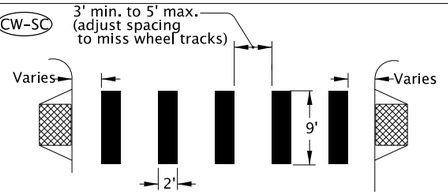
TM502

CW



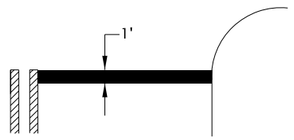
STANDARD CROSSWALK
TWO 1' WHITE BARS
Install per Standard Drawing TM530

CW-SC



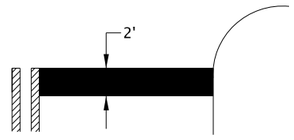
STAGGERED CONTINENTAL CROSSWALK
2' WHITE BARS
Install per Standard Drawing TM530

S



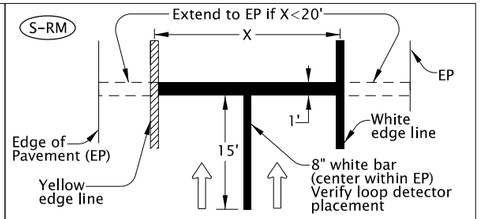
STOP BAR
1' WHITE BAR
Install per Standard Drawing TM530

S-2



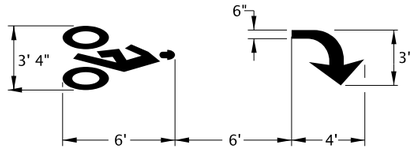
STOP BAR - LARGE
2' WHITE BAR
Install per Standard Drawing TM530

S-RM



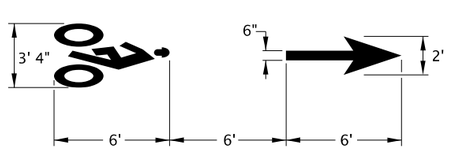
RAMP METER STOP BAR
1' & 8" WHITE BARS
For multi-lane ramp meter applications

BR



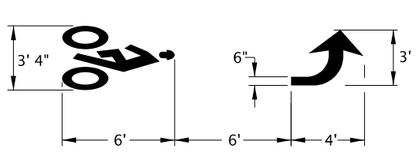
BIKE RIGHT TURN STENCIL (white)
Center marking within lane width
For proportion details, see current version of Standard Highway Signs

BS



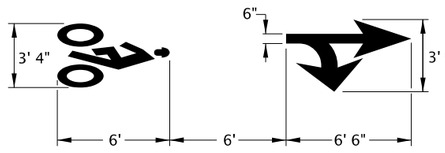
BIKE LANE STANDARD STENCIL (white)
Center marking within lane width
For proportion details, see current version of Standard Highway Signs

BL



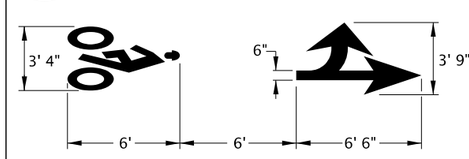
BIKE LEFT TURN STENCIL (white)
Center marking within lane width
For proportion details, see current version of Standard Highway Signs

BRS



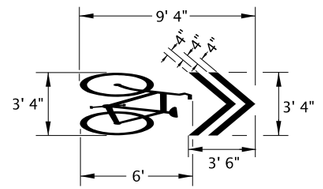
BIKE RIGHT TURN STRAIGHT STENCIL (white)
Center marking within lane width
For proportion details, see current version of Standard Highway Signs

BLS



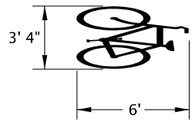
BIKE LEFT TURN STRAIGHT STENCIL (white)
Center marking within lane width
For proportion details, see current version of Standard Highway Signs

SLM



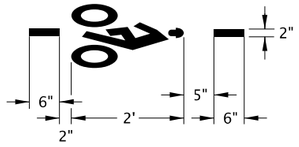
SHARED LANE MARKING (white)
Center marking within lane width or as shown
For proportion details, see current version of Standard Highway Signs

B



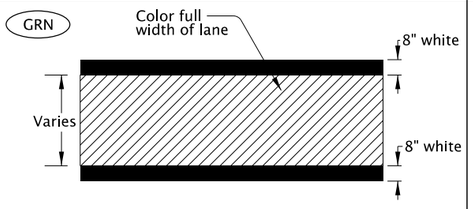
BIKE STENCIL (white)
Used for Intersection Bicycle Box applications
Place marking within bicycle box, ceneterd with motor vehicle lane width

BD



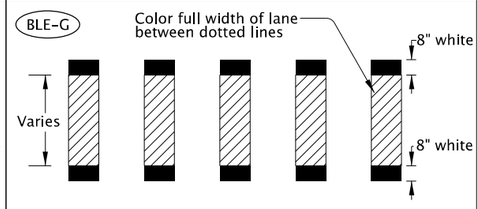
BICYCLE DETECTOR MARKING (white)
PLace Bicycle Detector Pavement Marking in optimum loction
where bicycle acuates the traffic signal

GRN



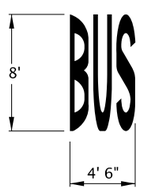
GREEN SUPPLEMENTAL BICYCLE LANE
SOLID LINE (green)

BLE-G



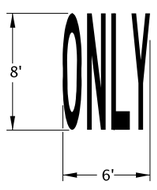
GREEN SUPPLEMENTAL BICYCLE LANE
DOTTED LINE EXTENSION (green)

BUS



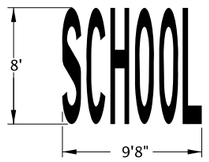
BUS (white)
Center marking within lane width
For letter proportion details, see current version of Standard Highway Signs

ON



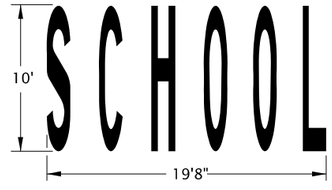
ONLY (white)
Center marking within lane width
For letter proportion details, see current version of Standard Highway Signs

SCH



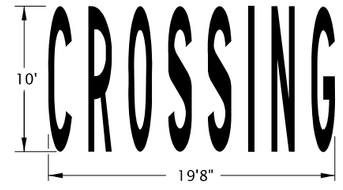
SCHOOL (white)
Center marking within lane width
For letter proportion details, see current version of Standard Highway Signs

SCH-LG



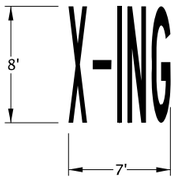
SCHOOL - LARGE (white)
Center marking within width of two lanes
For letter proportion details, see current version of Standard Highway Signs

CRS-LG



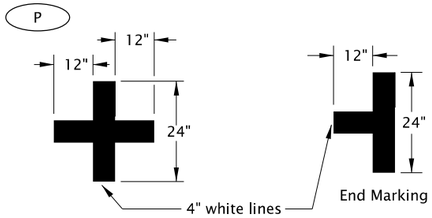
CROSSING - LARGE (white)
Center marking within width of two lanes
For letter proportion details, see current version of Standard Highway Signs

XNG



X-ING (white)
Center marking within lane width
For letter proportion details, see current version of Standard Highway Signs

P



ON-STREET PARKING DETAIL (white)

General Note:

1. Arrow, letter, and bike symbol dimensions nominal.

LEGEND

Direction of Travel

CALC. BOOK NO. N/A

SDR DATE 01/03/2020

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications.

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

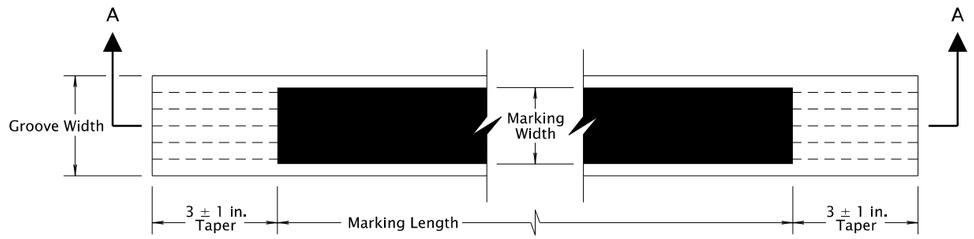
OREGON STANDARD DRAWINGS

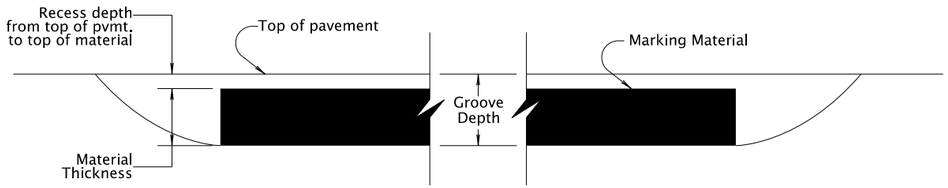
PAVEMENT MARKING STANDARD DETAIL BLOCKS

2021

DATE	REVISION DESCRIPTION

TM503





SECTION A – A

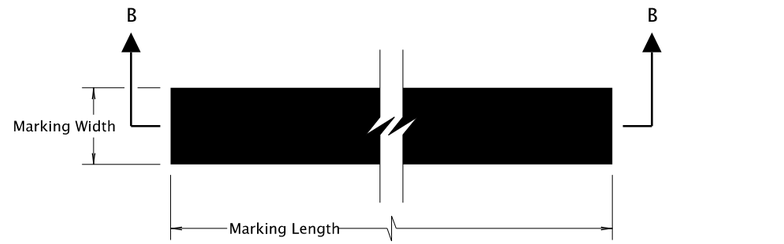
GROOVE INSTALLED GROOVE AND MATERIAL DIMENSIONS

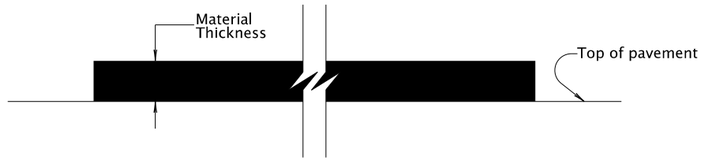
Pavement Marking Material Type	Groove Depth	Recess Depth	Material Thickness
Durable Method 'A' & Method 'D'	220 ± 20 mils	45 ± 5 mils	Var.
High Performance	60 ± 10 mils	Var.	25 mils

GROOVE INSTALLED GROOVE WIDTH

Pavement Marking Width	Groove Width
4 In. Markings	7 ± 0.125 In.
Non 4 In. Markings	Marking width + 1 ± 0.125 In.

GROOVE INSTALLED MARKINGS





SECTION B – B

SURFACE INSTALLED MATERIAL THICKNESS

Pavement Marking Material Type	Thickness
Durable Method 'A' & Method 'B' & Method 'D'	120 mils
High Performance	25 mils

SURFACE INSTALLED MARKINGS

General Notes:

1) See Standard Drawing TM500 and/or project plans for marking length and width dimensions.
2) See Standard Specification 00850.46 for marking installation tolerances.

CALC. BOOK NO. N/A

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

SDR DATE 07/06/2021

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications.

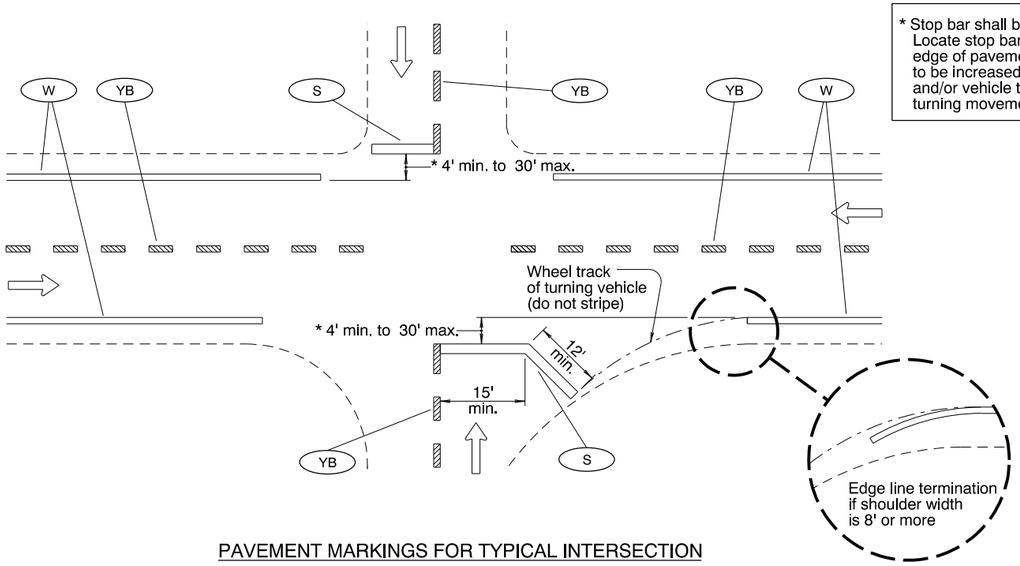
OREGON STANDARD DRAWINGS

DURABLE & HIGH PERFORMANCE PAVEMENT MARKINGS SURFACE & GROOVE INSTALLED NON-PROFILED

2021

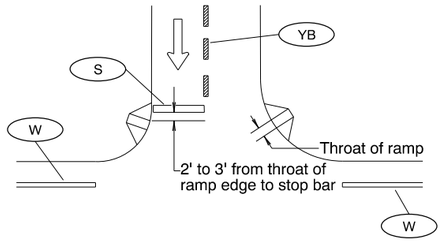
DATE	REVISION DESCRIPTION
07/2021	*Changed groove width for 4 in. markings*

TM521

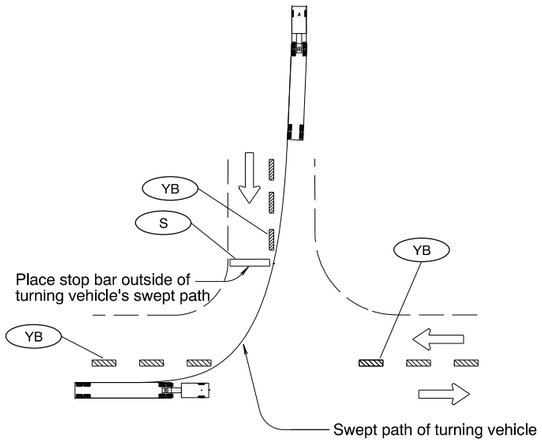


PAVEMENT MARKINGS FOR TYPICAL INTERSECTION

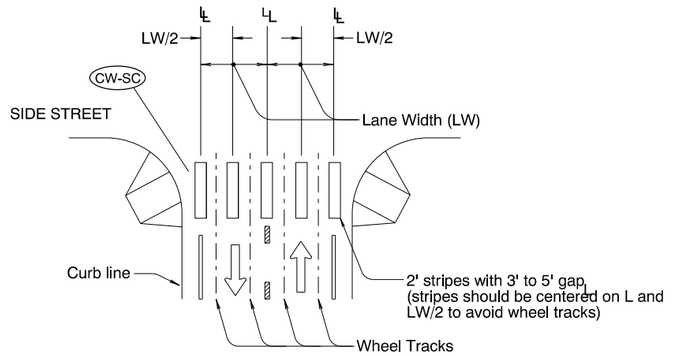
* Stop bar shall be placed as near as possible to the intersecting traveled way. Locate stop bar 4' min. to 30' max. in advance of the extended fog line, edge of pavement, or curb face. Minimum stop bar distance may need to be increased, depending on location of pedestrian ramps (see Detail "A") and/or vehicle turn radii (see Detail "B"). Field verify sight distance and truck turning movements.



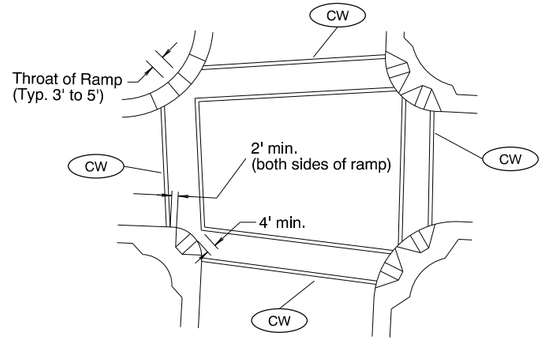
Detail "A"
STOP BAR PLACEMENT WITH
RESPECT TO PEDESTRIAN RAMPS



Detail "B"
STOP BAR PLACEMENT WITH
RESPECT TO TURN RADII



STAGGERED CONTINENTAL LAYOUT



STANDARD CROSSWALK BARS
AT INTERSECTION

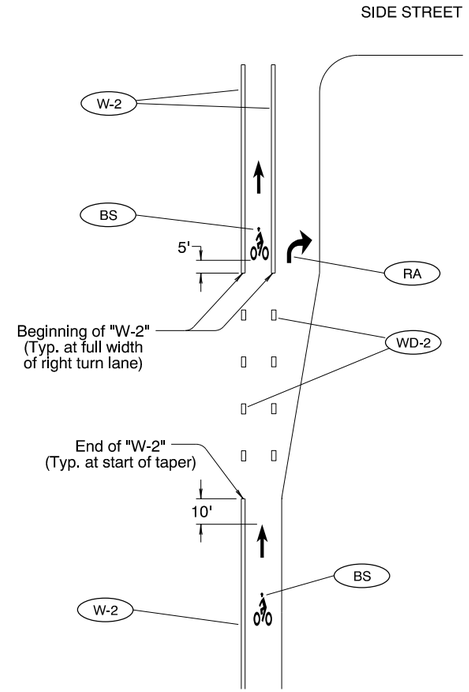
General Note:

1. Install crosswalk bars such that the throat of the ADA ramp is entirely within crosswalk markings, or 5' back of extended fog line, edge of pavement, or curb face.

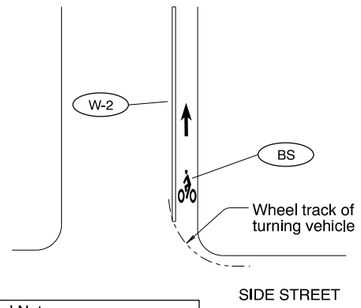
LEGEND

Direction of Travel

L - Lane line dimensions are shown on the striping plans



INSTALLATION OF BIKE LANE STENCILS
FOR BIKE LANE SEPARATED BY RIGHT TURN LANE



General Note:

Install bike lane stencil to avoid right turning vehicle wheel tracks.

INSTALLATION OF BIKE LANE STENCILS
FOLLOWING INTERSECTIONS

To be accompanied by Standard Dwg. Nos. TM500 thru TM504

CALC. BOOK NO. N/A

SDR DATE July 10, 2020

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

INTERSECTION PAVEMENT MARKINGS (CROSSWALK, STOP BAR & BIKE LANE STENCIL)

2021

DATE	REVISION DESCRIPTION

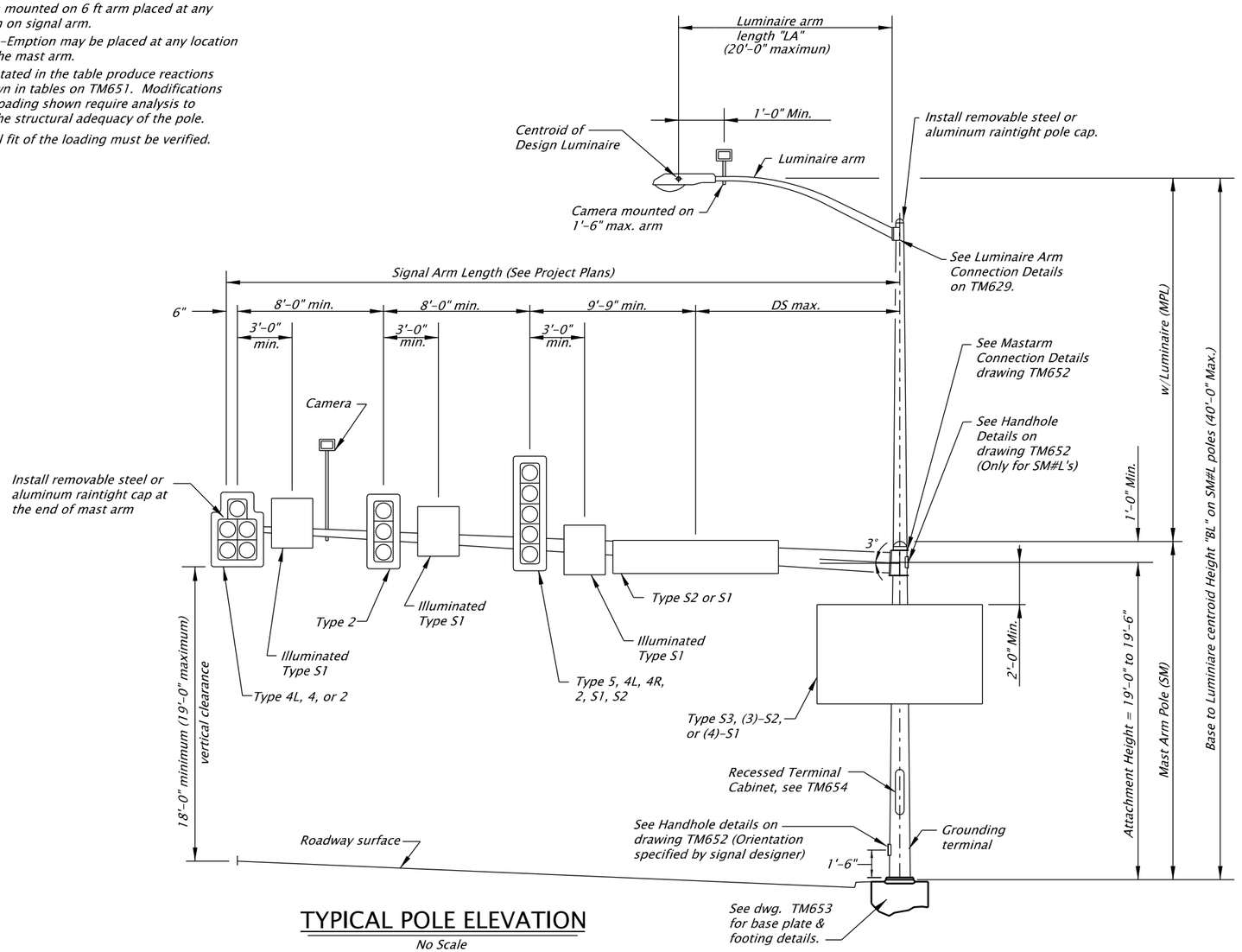
TM530

STANDARD SIGNAL ARM LOADS							
Signal Pole Type	Signal Arm Length	Signals			Sign		DS Max. for S2
		4L Qty.	2 Qty.	5 * Qty.	S1 Qty.	S2 * Qty.	
SM1 or SM1L	15'	1	0	1	2	0	N/A
SM2 or SM2L	20'	1	1	1	3	0	N/A
	25'	1	1	1	3	0	
SM3 or SM3L	30'	1	1	1	3	1	9'-1"
	35'	1	1	1	3	1	
SM4 or SM4L	40'	1	2	1	4	1	11'-1"
	45'	1	2	1	4	1	
SM5 or SM5L	50'	1	2	1	4	1	21'-1"
	55'	1	2	1	4	1	

* – Load location is the closest sign or signal of that type to the vertical post.

1. Camera mounted on 6 ft arm placed at any location on signal arm.
2. Fire Pre-Emption may be placed at any location along the mast arm.
3. Loads stated in the table produce reactions as shown in tables on TM651. Modifications to the loading shown require analysis to verify the structural adequacy of the pole.
4. Physical fit of the loading must be verified.

SIGNAL ARMS DEFLECTION		
Signal Arm Length "SA"	Allowable Dead Load Deflection	Allowable Total Load Deflection
15' or less	0.01"SA"	0.05"SA"
20'	2½"	12"
25'	3½"	15"
30'	5"	21"
35'	7"	29"
40'	9½"	38"
45'	1'-½"	48"
50'	1'-4"	60"
55'	1'-8"	74"

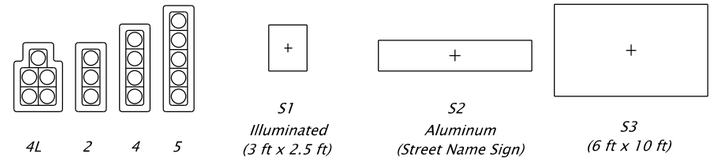


TYPICAL POLE ELEVATION

No Scale

VERTICAL POST LOADS								
Description	Maximum Centerline Elevation	Height (Each)	Width (Each)	Depth (Each)	Area Front (sq. ft)	Area Side (sq. ft)	Area Bottom (sq. ft)	Weight 0" Ice (lbs)
2-Ped. Push Buttons	3'-6"	7¾"	5"	3⅜"	0.27	0.18	0.12	3.0
Controller Cabinet	5'-9"	46"	24"	22"	7.67	7.03	3.67	300
2-Pedestrian Signals	8'-3½"	18¾"	19"	19"	2.47	2.47	2.51	25.0
Terminal Cabinet	10'-9"	18⅛"	6¾"	8⅜"	0.85	1.05	0.39	25.0
Guide Sign (S3)	15'-0"	72"	120"	8⅜"	60.0	1.00	1.67	395
Photoelectric Cell	38'-4"	2¼"	3¼"	3¼"	0.05	0.05	0.07	5.0

1. Physical fit of the loading must be verified.



SIGNAL POLE APPURTENANCE TYPES

APPURTENANCE LOADS				
Type	Area Front (sq. ft)	Area Side (sq. ft)	Area Bottom (sq. ft)	Weight 0" Ice (lbs)
4L	12.4	6.61	3.64	145
2	8.67	6.61	1.95	85.0
4	11.0	8.49	1.95	97.0
5	13.3	10.36	1.95	142
S1	7.50	2.38	1.72	71.0
S2	21.0	0.00	1.67	105

Accompanied by dwgs. TM651, TM652, TM653, TM654, TM679

CALC. BOOK NO. 5301

SDR DATE 10-JUL-2020

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

TRAFFIC SIGNAL SUPPORT GENERAL DETAILS & DESIGN CRITERIA

2021

DATE	REVISION DESCRIPTION
07/20	Replaced hub with recessed terminal cabinet and added accompanied by dwg TM654.

tm650.dgn 10-JUL-2020

TM650

GENERAL NOTES:

1. Signal supports shall be designed in accordance with the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals 4th edition, 2001, 2002, and 2003 interim revisions.
2. All traffic signal supports shall conform to the design criteria and details shown on these drawings except as approved by the Engineer.
3. The design basic wind speed (3 second gust) shall be 110 mph, gust factor G = 1.14, Ir = 1.0 (50 yr recurrence interval), Fatigue Category II, no galloping, and truck speed = 55 mph.
4. Signal poles from this standard are not allowed over highways I-5, I-84, I-205, I-405, US 26 (Sunset Hwy) between mile points 64.3 - 73.0, I-105, and I-82. Signal poles on these highways require a Fatigue Category I.
5. Pole and arm shafts may be either round, hexdecagonal, dodecagonal, or octagonal but shapes shall not be mixed on a project. Dimensional tolerances of ASTM A595 shall apply to all tapered steel tubing members. Additionally, the diameter of round tapered steel tubing members or the dimensions across the flats of octagonal tapered steel tubing members shall not vary more than 2% from specified dimension. Two ply and fluted poles or arms are not permitted.
6. Pole taper shall be equal to .0117 in/in.
7. Anchor rods shall conform to ASTM Specification F1554 Gr. 55, Supplemenetary Requirement "S2" that include grade and manufacturer's identification.
8. High strength bolts shall conform to ASTM Specification A325 Type 1.
9. Nuts for high strength bolts shall be heavy hex and conform to ASTM A563 Grade DH with supplmentary requirements "S1" and "S2".
10. Hardened steel washers shall conform to ASTM F436 Type 1.
11. Direct Tension Indicators (DTI) shall be the compressible-washer type, mechanically galvanized, conforming to ASTM F959.
12. Steel sheet for poles and arm shall conform ASTM A595, Grades A or B, ASTM A572 Gr. 50, or approved equal. All other steel sheet and plate shall conform to AASHTO specification M223 (ASTM A572), or approved equal. Supplement S18 of ASTM A6 regarding maximum tensile strength shall apply.
13. All structural steel including fasteners shall be hot dip galvanized after fabrication unless otherwise noted.
14. Galvanize-Control Silicon, typical. Silicon content of the base metal shall be in the range of 0 to 0.04% or 0.15 to 0.25%.
15. Footing concrete shall be Commercial Grade Concrete (fc=3000 psi) per Specification Section 440. Grout in grout pad shall be non-shrink high early strength grout (non-ferrous) with a minimum strength of 5000 psi.
16. Reinforcing steel shall conform to AASHTO M31, Grade 60 (ASTM A615 or A706). A min. lap splice length of 32 bar diameters shall be used unless shown otherwise.
17. Computed deflection of these poles at full design loading shall be limited to 5% of the pole length. Computed dead load deflection of the poles shall be limited to 1% of the pole length. Pole shall be raked to offset the computed dead load deflection. Computed deflection (ignoring pole bending and/or rotation) of signal arms shall not exceed that listed in the Signal Arm Deflection Table on TM650. Additionally, the amplitude (maximum up to maximum down as measured at the tip of the arm) of wind induced vertical oscillations shall not exceed 1.5% of the signal arm length. Luminaire arms and pole extensions to support luminaire arms shall meet requirements of drawing TM629.
18. Hubs for cabinets and/or other appurtenances shall be welded into the pole prior to galvanizing. Poles may be tapped for up to 1" galvanized bolts after pole has been galvanized.
19. Longitudinal seam welds within 6" of a cirumferential weld shall be complete penetration welds. Weld inspection shall be in accordance with AWS D1.1 and the special provisions. Inspect seam welds using cyclically loaded criteria. Hubs shall be 3000# threaded forged carbon steel flat weld hubs by Anvil Products Inc., Phoenix Forging Co., Bonney Forge & Tool Works or approved equal.
20. Grounding terminal shall be ½" UNC x 1½" Type 308, 309 or 310 threaded stainless steel weld studs.
21. Tighten 4 bolt arm connection bolts and tighten anchor rods in accordance with 962.46(j)(2).
22. Tighten 8 bolt arm connection bolts in accordance with 930.40(d).
23. Round and smooth all edges along electrical way.
24. The Minimum arm flange thickness shall be equal to the value where prying action is not included in the bolt calculation.

Standard Maximum Base Reactions (Unfactored)								
Signal Pole Type	Signal Arm Lengths	Wind Load Case II				Controlling Fatigue		
		Axial (Kips)	Shear (Kips)	Moment (Kip-ft)	Torque (Kip-ft)	Shear (Kips)	Moment (Kip-ft)	Torque (Kip-ft)
SM1	15'	2.10	5.15	80.39	16.95	0.68	10.39	2.13
SM2	20', 25'	2.66	6.23	105.41	42.54	0.82	13.35	5.37
SM3	30', 35'	3.49	7.77	138.43	82.87	1.00	17.10	10.31
SM4	40', 45'	4.51	9.00	173.46	132.72	1.16	20.54	16.50
SM5	50', 55'	5.69	9.23	190.91	181.60	1.18	21.62	22.55
SM1L	15'	2.96	6.09	113.28	23.22	0.79	14.08	2.84
SM2L	20', 25'	3.69	7.23	139.41	48.81	0.94	17.17	6.08
SM3L	30', 35'	4.39	8.80	176.51	87.88	1.14	21.43	11.02
SM4L	40', 45'	5.94	10.14	215.11	136.97	1.31	25.27	17.21
SM5L	50', 55'	7.34	10.56	241.17	187.96	1.34	26.49	23.26

Standard Maximum Mast Arm Reactions						
Signal Pole Type	Signal Arm Lengths	Wind Load Case II			Controlling Fatigue	
		Axial (Kips)	Shear (Kips)	Moment (Kip-ft)	Shear (Kips)	Moment (Kip-ft)
SM1, SM1L	15'	0.06	1.98	18.44	0.23	2.18
SM2, SM2L	20', 25'	0.10	3.14	46.20	0.37	5.48
SM3, SM3L	30', 35'	0.15	4.51	89.42	0.53	10.51
SM4, SM4L	40', 45'	0.23	5.91	146.67	0.67	16.82
SM5, SM5L	50', 55'	0.34	6.78	211.94	0.70	22.99

Luminaire Arm Reactions					
Arm Lengths	Wind Load Case II			Controlling Fatigue	
	Axial (Kips)	Shear (Kips)	Moment (Kip-ft)	Shear (Kips)	Moment (Kip-ft)
6'	0.03	0.31	1.49	0.03	0.15
10'	0.06	0.38	2.85	0.04	0.29
15'	0.08	0.47	4.96	0.05	0.51
20'	0.05	0.55	7.24	0.06	0.74

Accompanied by dwgs. TM650, TM652, TM653, TM654

CALC. BOOK NO. 5301

SDR DATE 08-JAN-2021

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

TRAFFIC SIGNAL SUPPORTS NOTES AND REACTIONS

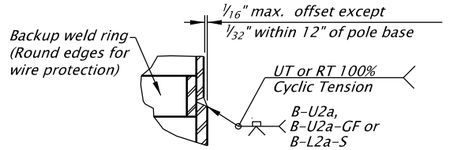
2021

DATE	REVISION DESCRIPTION
07/20	Added Accompanied by dwg TM654.
01/21	Added "(Unfactored)" to table heading.

tm651.dgn 08-JAN-2021

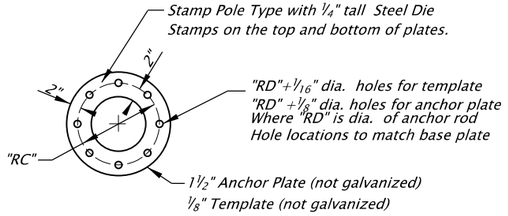
TM651

tm652.dgn 10-JUL-2020



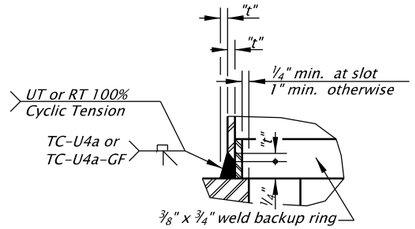
POLE AND ARM SPLICE WELD DETAILS

No Scale



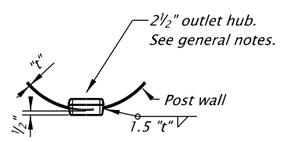
ANCHOR PLATE AND TEMPLATE DETAIL

No Scale



TC-U4a WELD DETAIL

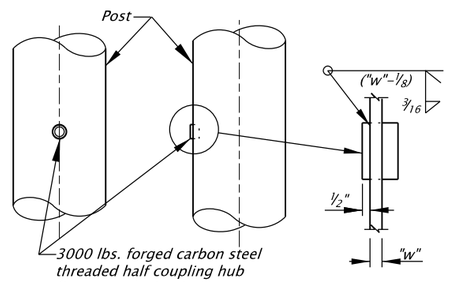
No Scale



HUB WELD DETAIL

No Scale

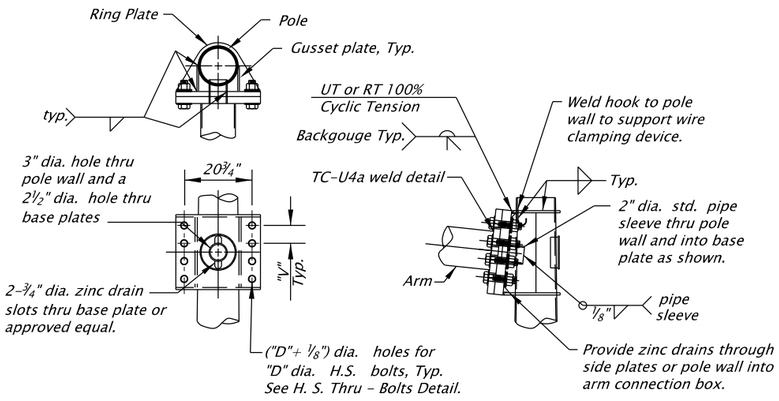
Mast arm Connection				
Signal Arm Lengths	N Number	D Bolt Diam.	BC Bolt Circle	V Bolt Spacing
15'	4	1"	9 1/2"	——
20', 25'	4	1 1/4"	14"	——
30', 35'	4	1 1/2"	15 1/2"	——
40', 45'	8	1"	——	5"
50', 55'	8	1 1/4"	——	6"



3000 lbs. forged carbon steel threaded half coupling hub (threads oriented to the outside of post) by "Bonney Forge", "Phoenix Forge" or approved equal. Inside edge of conduit hub shall be smooth

HUB WELD DETAIL

No Scale



8 BOLT ARM CONNECTION DETAILS

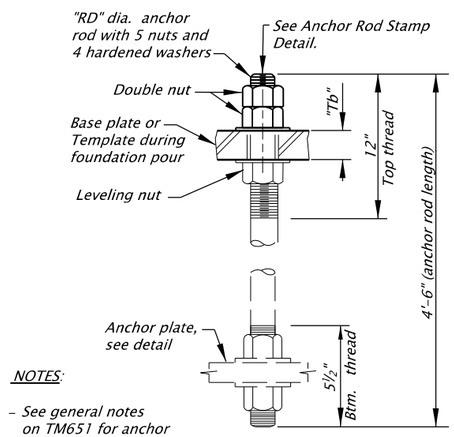
No Scale

ARM CONNECTION NOTES:

Gusset plates are 1/4" min. thickness.

Ring plates are 3/8" min. thickness.

See general notes on TM651 for bolt tightening.

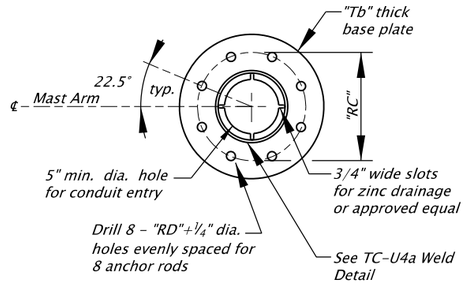


NOTES:

- See general notes on TM651 for anchor rod tightening.
- "Tb" determined by manufacturer.

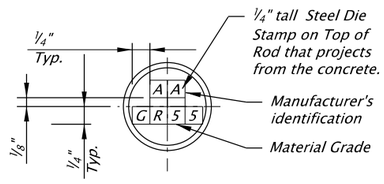
ANCHOR ROD DETAIL

No Scale



PLAN - BASE PLATE

No Scale



Note: The end of each anchor rod shall be color coded yellow.

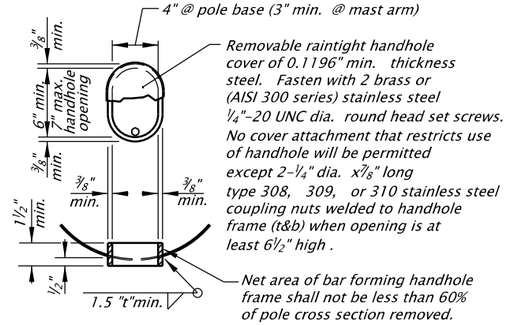
ANCHOR ROD STAMP DETAIL

No Scale

4 BOLT ARM CONNECTION DETAILS

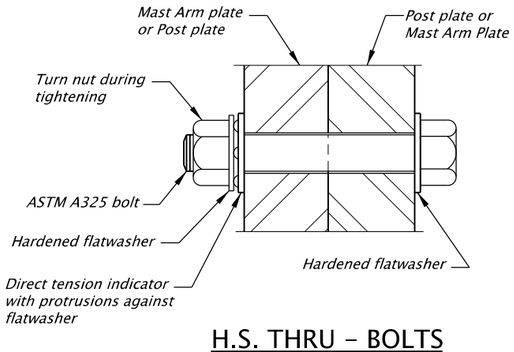
No Scale

Anchor Rods and Base Plate Data			
Mastarm Pole Type	Strain Pole Type	RD Rod Diam.	RC Rod Circle
SM1	-----	1 1/4"	16 1/2"
SM2, SM1L	-----	1 1/2"	17"
SM3, SM2L	STP1, STP1L, STP2, STP2L	1 1/2"	20"
SM4, SM3L	STP3, STP3L, STP4, STP4L	1 3/4"	22"
SM5, SM4L	-----	1 3/4"	23"
SM5L	STP5, STP5L, STP6, STP6L, STP7, STP7L	2"	23 1/2"



HANDHOLE DETAIL

No Scale



H.S. THRU - BOLTS

No Scale

Accompanied by dwgs. TM650, TM651, TM653, TM654

CALC. BOOK NO. 5301

SDR DATE 10-JUL-2020

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

TRAFFIC SIGNAL SUPPORTS STEEL DETAILS

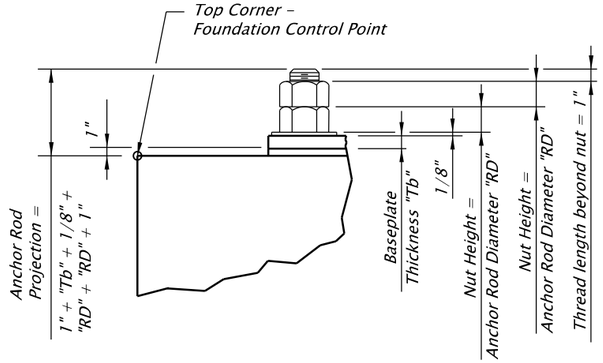
2021

DATE	REVISION DESCRIPTION
07/20	Added Accompanied by dwg TM654.

TM652

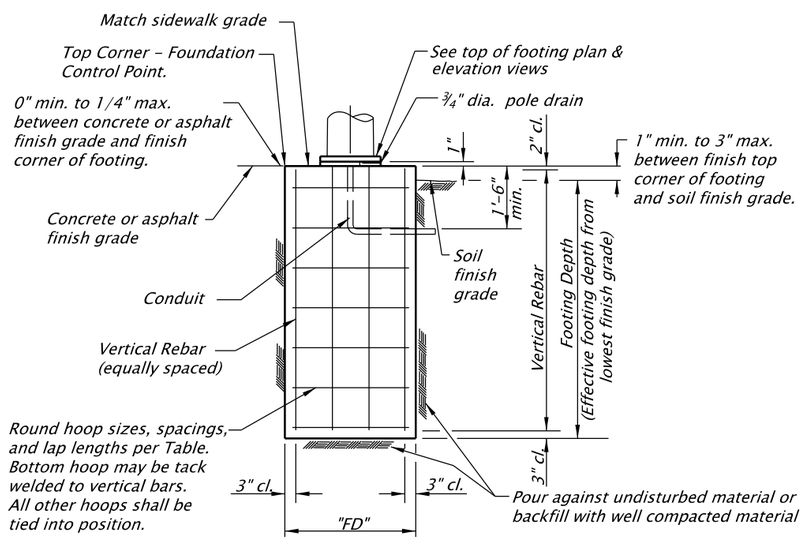
tm653.dgn 10-JUL-2020

Standard Foundations					
Foundation Number	Mastarm Pole Types	"FD" Diameter Min.	Vertical Rebar	Hoop Size and Spacing	Hoop Lap Length
1	SM1	36"	8-#8	#4 at 6"	18"
2	SM2, SM1L	36"	8-#8	#4 at 6"	18"
3	SM3, SM2L	36"	8-#8	#4 at 6"	18"
4	SM4, SM3L	42"	10-#8	#5 at 6"	21"
5	SM5, SM4L	42"	10-#9	#5 at 6"	21"
6	SM5L	42"	10-#9	#5 at 6"	21"



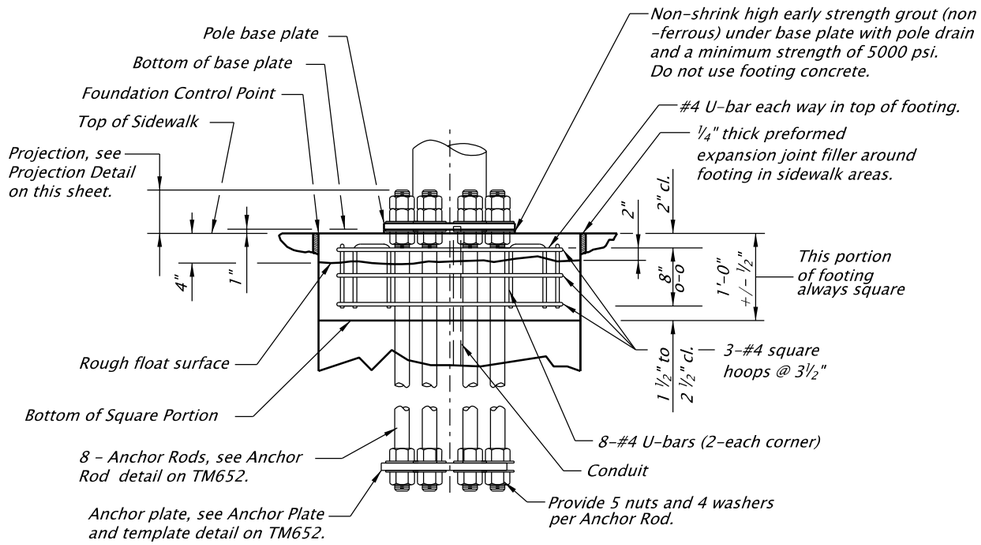
PROJECTION DETAIL

No Scale



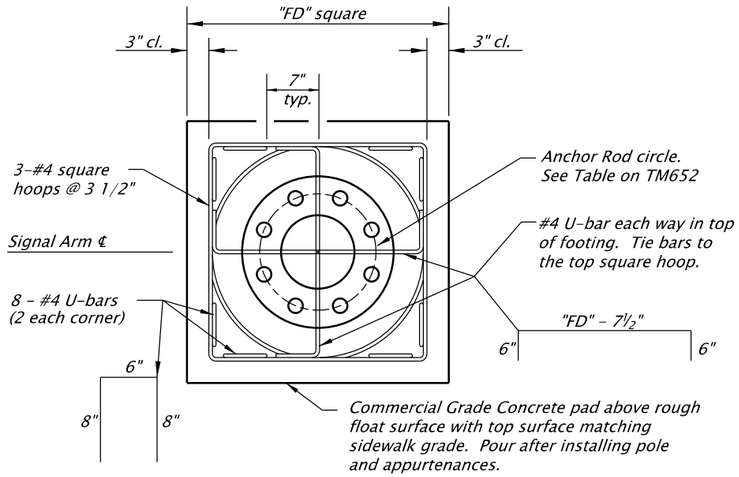
TYPICAL FOOTING ELEVATION

No Scale



ELEVATION - TOP OF FOOTING

No Scale

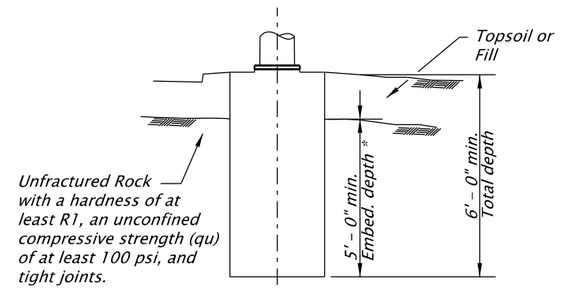


PLAN - TOP OF FOOTING

No Scale

NOTES:

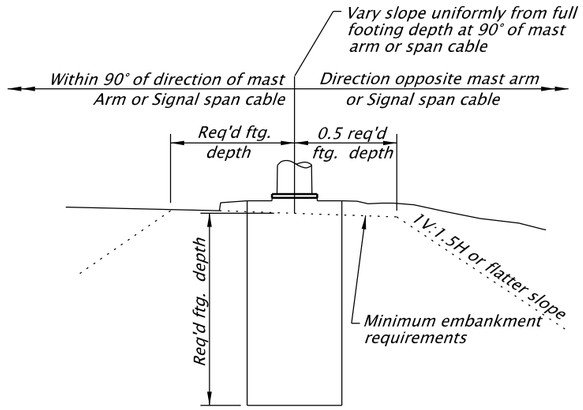
See TM651 for general notes.
The pier torsional forces have been designed according to the ACI 318.



* - or embed to a total depth that is at least equal to the required footing depth.

ROCK INSTALLATION REQUIREMENTS

No Scale



MINIMUM EMBANKMENT REQUIREMENTS

No Scale

Accompanied by dwgs. TM650, TM651, TM652, TM654

CALC. BOOK NO. 5323

SDR DATE 10-JUL-2020

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

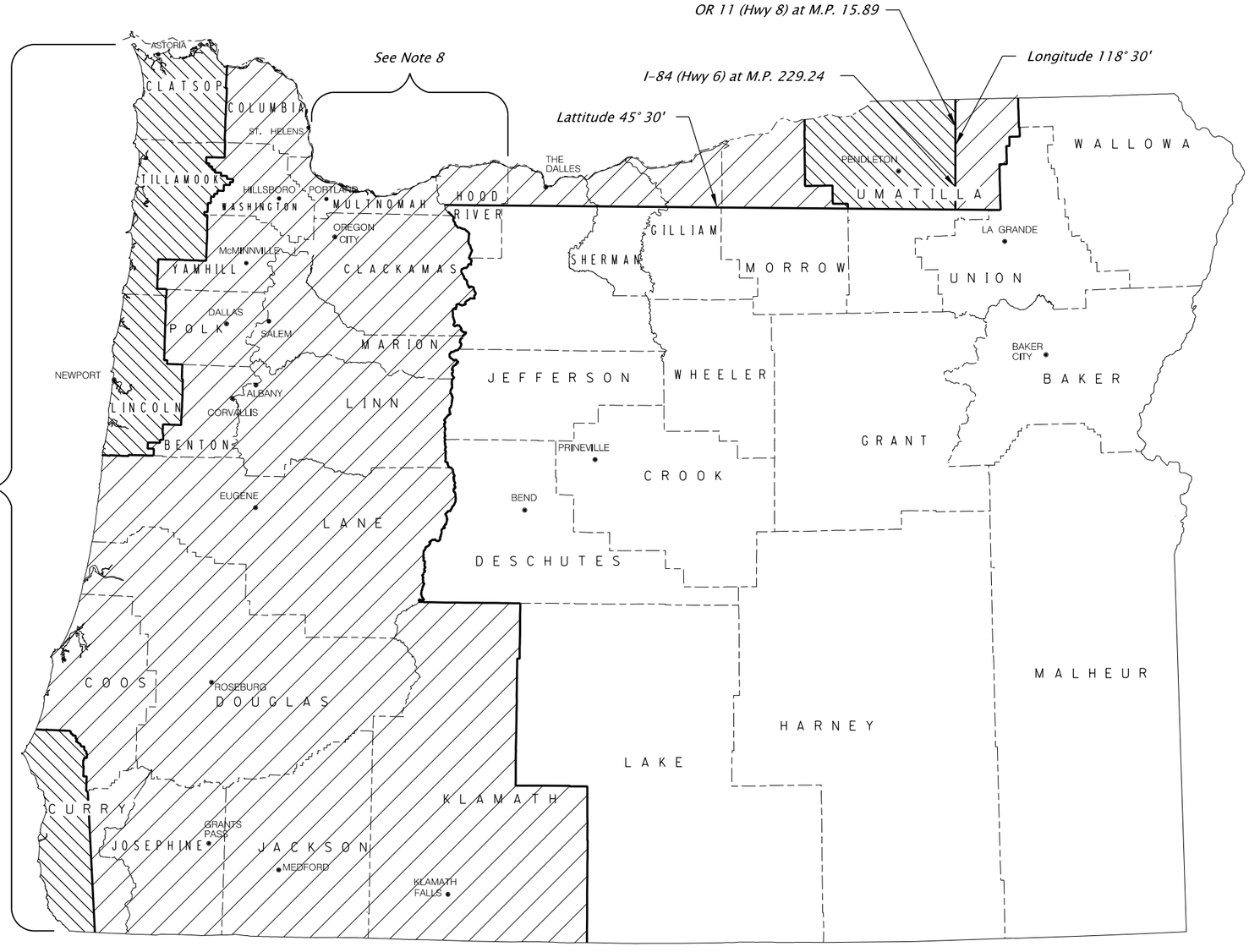
OREGON STANDARD DRAWINGS

TRAFFIC SIGNAL SUPPORTS FOUNDATION REQUIREMENTS

2021

DATE	REVISION DESCRIPTION
07/20	Added Accompanied by dwg TM654.

TM653



NOTES:

1. *The wind velocity map as shown is adapted from AASHTO 2001 4th Edition - "Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals", Appendix C, Figure C-3 and Section 3, Figure 3-2. It uses the wind speed map shown in Figure 1609 of the 2007 Oregon Structural Code to account for locations in the State with special wind regions.*
2. *The wind velocities shown above are 3-Second Gust wind velocities.*
3. *The Exposure Catagory is C.*
4. *The mean recurrence interval is 50-Years.*
5. *Mountanious terrain, gorges, and ocean promontories are classified as special wind regions and shall be examined for unusual wind conditions.*
6. *The Interval Height (Kz) is 30 ft.*
7. *All areas with full exposure to ocean winds shall be designated 110 mph areas.*
8. *Areas in Multnomah and Hood River counties with full exposure to Columbia River Gorge winds shall be designated 110 mph areas.*
9. *Localities may have adopted wind speed higher that shown on this map. Those higher wind speed shall be used.*

CALC. BOOK NO. _____

SDR DATE 06-JAN-2012

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

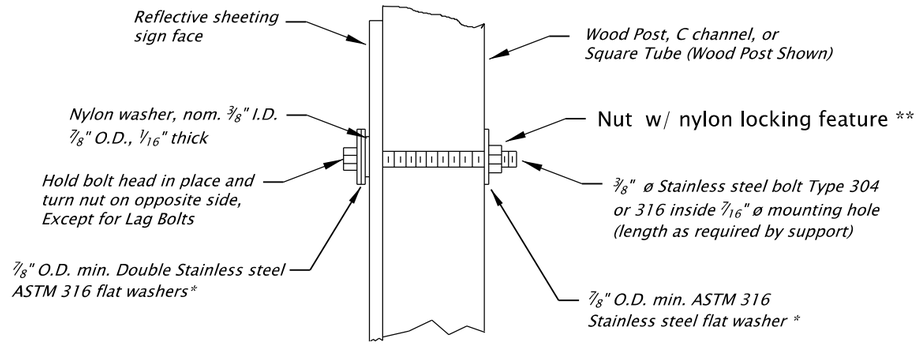
3 SECOND GUST WIND SPEED MAP

2021

DATE	REVISION DESCRIPTION

TM671.dgn 10-JUL-2020

TM671

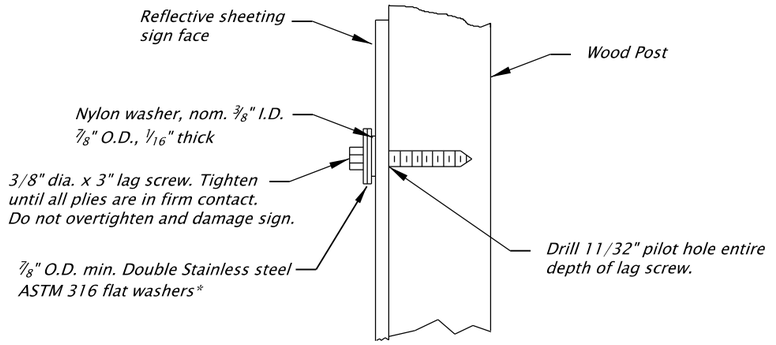


Note:
1)When signs are placed on opposing sides of post, 3/8" x 3" lag screws can be used instead of through bolt.
2) Use nylon and stainless steel washers when signs are placed on both sides of post.
3) Burr threads at junction with nut when locknuts are not used.
4) Post bolts to extend beyond the tightened nuts within the limits of 1/4" to 1".

** Stainless steel bonded sealing washer with neoprene layer is an acceptable substitue*

*** Acceptable substitute for nylon locking nuts:*
ANCO PIN-LOC
TRI-LOC® Top Lock Locknut

SIGN ATTACHMENT DETAIL



** Stainless steel bonded sealing washer with neoprene layer is an acceptable substitue*

Note: This optional detail is to be used only when specified on a project.

OPTIONAL WOOD POST LAG SCREW DETAIL

CALC. BOOK NO. _____

SDR DATE 10-JUL-2020

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

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OREGON STANDARD DRAWINGS

SIGN ATTACHMENTS

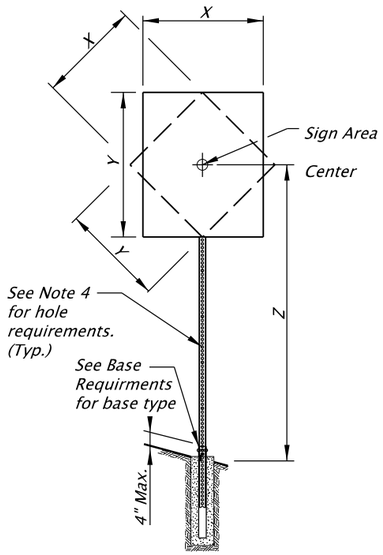
2021

DATE	REVISION DESCRIPTION
07/20	Added optional lag screw detail.

tm676.dgn 10-JUL-2020

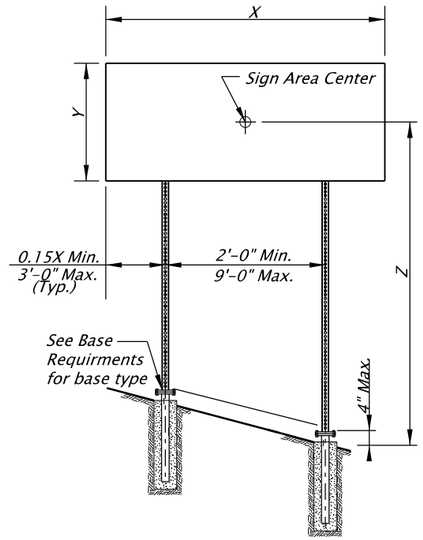
TM676

tm681.dgn 10-JUL-2020



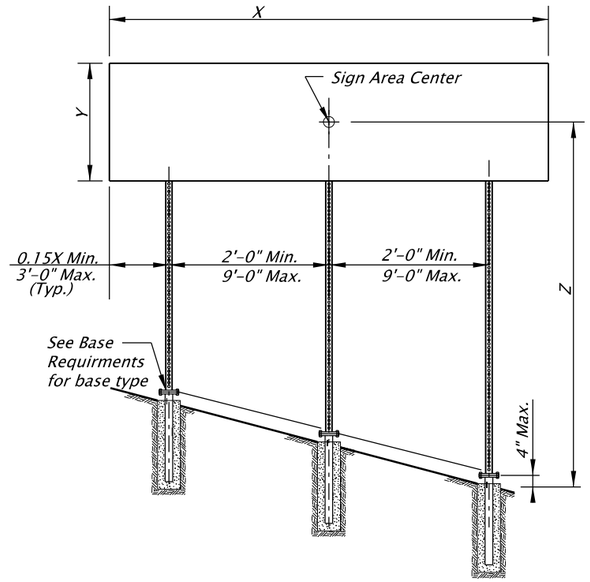
SINGLE POST ELEVATION

No scale



TWO POST ELEVATION

No scale



THREE POST ELEVATION

No scale

GENERAL NOTES:

1. Perforated Steel Square Supports are designed in accordance with the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals 4th Edition, 2001, 2002, 2003, and 2006 interim revisions.
2. The design basic wind speed (3 second gust) shall be according to the wind map shown on TM671.
3. Material grade for base hardware connection shall be according to the manufacturer's recommendation and based on crash testing.
4. Use $^{7}/_{16}$" diameter holes at 1" spacing on each of the 4 sides.
5. Steel post shall have a minimum yield stress of 50 ksi.
6. Steel shall be galvanized according to ASTM A653 with coating designation G90.
7. General design parameters are Kz = 0.87, Cd (sign) = 1.20, and G = 1.14.
8. Permanent signing uses an Ir = 0.71 for a recurrence interval of 10 years.
9. Temporary signing uses an Ir = 0.45 for a recurrence interval of 1.5 years.
10. The sign width to sign height or sign height to sign width ratio shall not exceed 5.0.
11. For horizontal and vertical clearances of permanent signs refer to TM200 and of temporary signs refer to TM822.
12. Posts protected by barrier or guardrail do not require slip bases.

(X * Y * Z) in ft³ - Maximum									
3 Second Gust Wind Speed (TM671)									
	85 MPH			95 MPH			105 or 110 MPH		
	Number of Posts			Number of Posts			Number of Posts		
Square Tube Size	1	2	3	1	2	3	1	2	3
2"-12 ga.	79	158	237	63	126	189	57	114	171
2½"-12 ga.	136	272	408	109	218	327	98	196	294
2½"-10 ga.	165	330	495	132	264	396	119	238	357
2¼" & 2½"-12 *ga.	231	462	693	185	370	555	167	334	501

PERMANENT PERFORATED STEEL SQUARE TUBE TABLE

(X * Y * Z) in ft³ - Maximum									
3 Second Gust Wind Speed (TM671)									
	85 MPH			95 MPH			105 or 110 MPH		
	Number of Posts			Number of Posts			Number of Posts		
Square Tube Size	1	2	3	1	2	3	1	2	3
2"-12 ga.	125	250	375	100	200	300	90	180	270
2½"-12 ga.	215	430	645	172	344	516	155	310	465
2½"-10 ga.	261	522	783	209	418	627	189	378	567
2¼" & 2½"-12 *ga.	364	728	1092	292	584	876	263	526	789

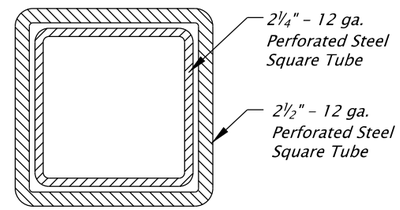
TEMPORARY PERFORATED STEEL SQUARE TUBE TABLE

* - See 2¼" & 2½" - 12 ga. detail.

	Number of Posts		
Square Tube Size	1	2	3
2"-12 ga.	Anchor	Anchor	N/A
2½"-12 ga.	Anchor	Slip	Slip
2½"-10 ga.	Slip	Slip	Slip
2¼" & 2½"-12 *ga.	Slip	Slip	Slip

1. Anchor - See Drawing TM687 for PSST anchor foundation details.
2. Slip - See Drawing TM688 for PSST slip base foundation details.
3. N/A - Do not use this option.

BASE REQUIREMENTS



2¼" - 12 ga. PSST to extend entire length inside of the 2½" - 12 ga. PSST.

2¼" & 2½" - 12 GA. DETAIL

No scale

Accompanied by dwgs. TM200, TM671, TM687, TM688, TM689, TM822

CALC. BOOK NO. 5752

SDR DATE 10-JUL-2017

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

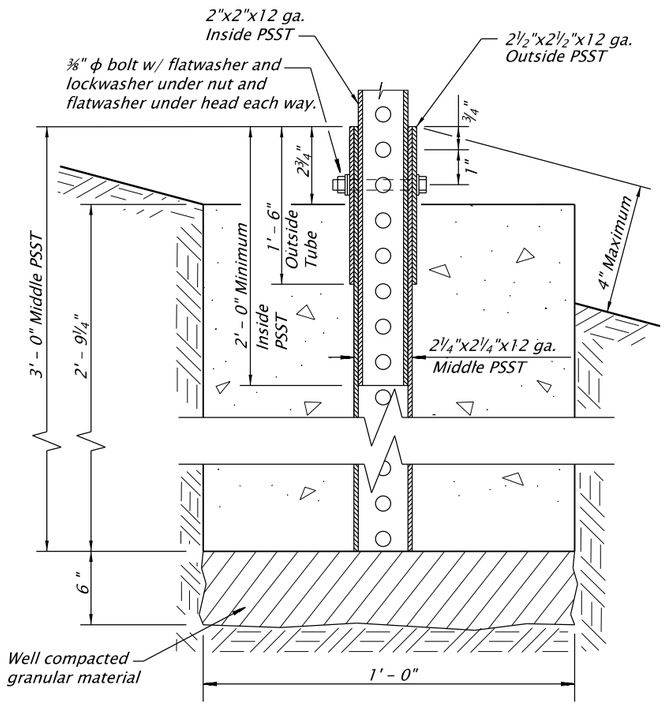
PERFORATED STEEL SQUARE TUBE (PSST) SIGN SUPPORT INSTALLATION

2021

DATE	REVISION DESCRIPTION

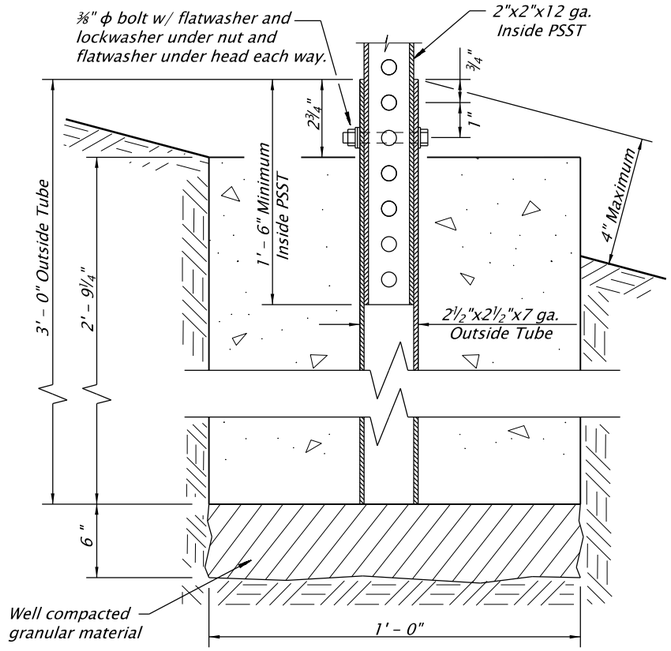
TM681

tm687.dgn 10-JUL-2020



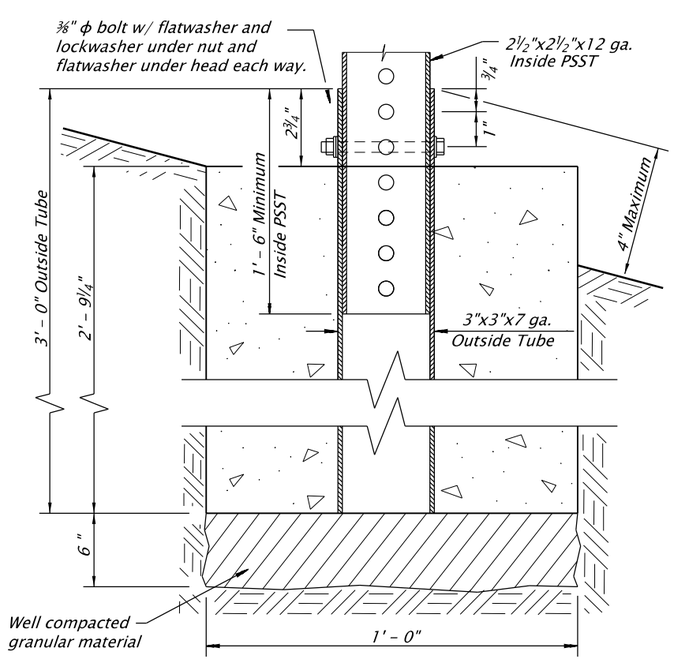
2" ANCHOR DETAIL

No scale



2" OPTIONAL ANCHOR DETAIL

No scale

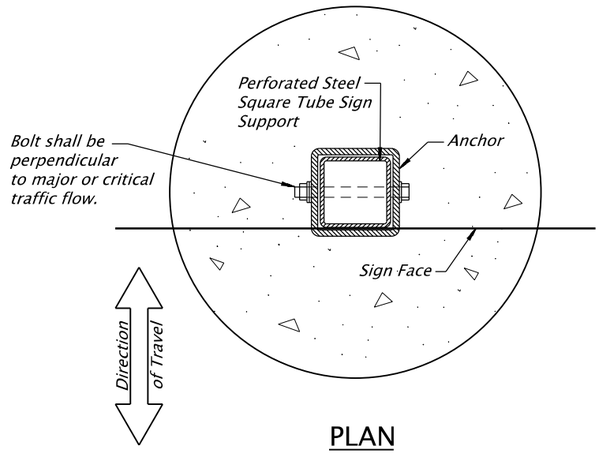


2½" ANCHOR DETAIL

No scale

General Notes:

1. Material grade for base hardware connection shall be according to the manufacturer's recommendation and based on crash testing.
2. Anchor steel shall be hot dipped galvanized or approved equal.
3. Footing concrete shall be Commercial Grade Concrete (fc = 3000 psi) per Specification 00440. The CGC mixture may be accepted at the site of placement according to 00440.14.
4. The estimated concrete volume is .09 cubic yards.



PLAN

No scale

Accompanied by dwgs. TM681, TM688

CALC. BOOK NO. 5752

SDR DATE 06-JAN-2012

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

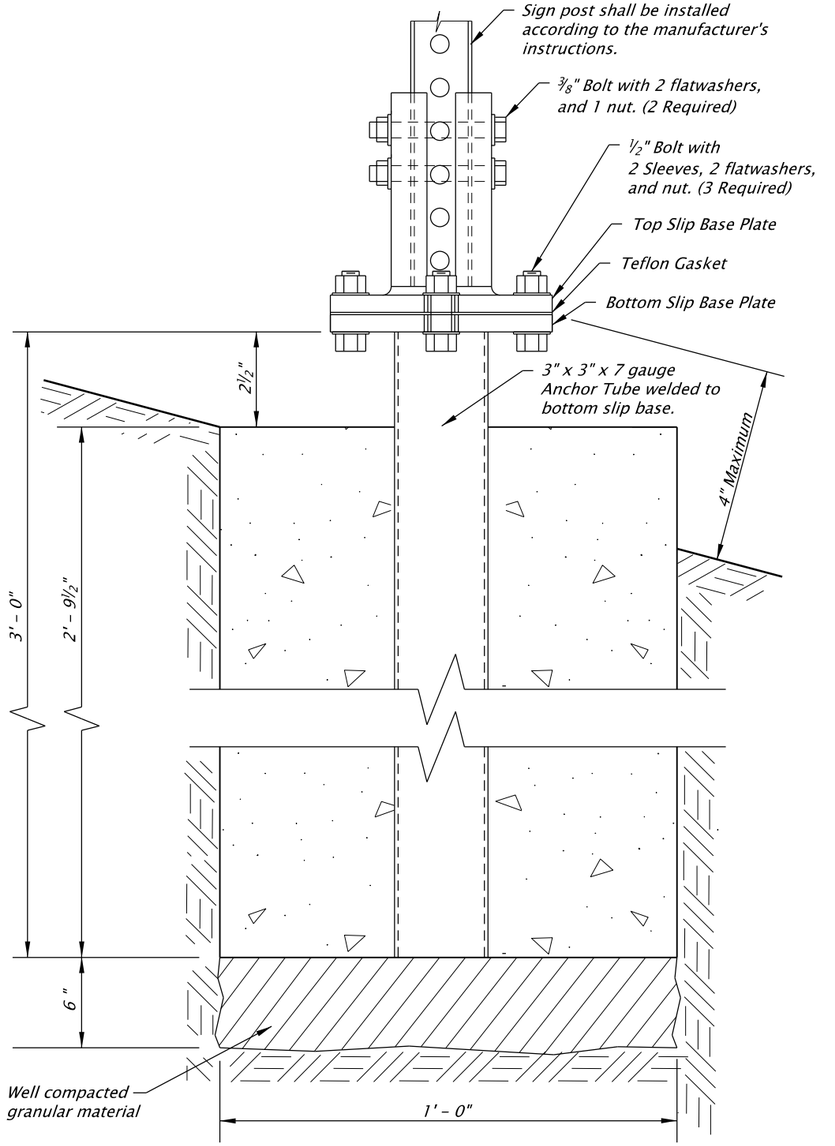
PERFORATED STEEL SQUARE TUBE (PSST) ANCHOR FOUNDATION

2021

DATE	REVISION DESCRIPTION

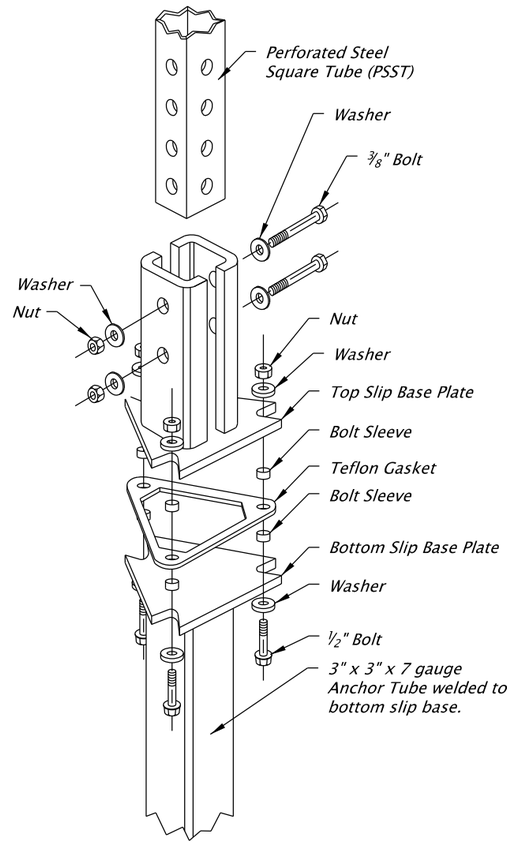
TM687

tm688.dgn 10-JUL-2020



SLIP BASE ELEVATION

No scale

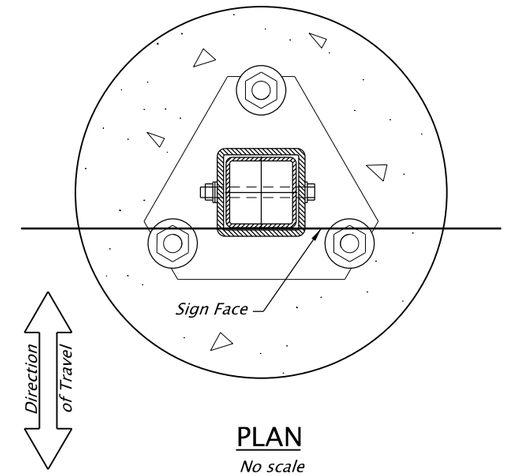


SLIP BASE EXPLODED VIEW

No scale

General Notes:

1. *Material grade for base hardware connection shall be according to the manufacturer's recommendation and based on crash testing.*
2. *Slip base steel shall be hot dipped galvanized or approved equal.*
3. *Footing concrete shall be Commercial Grade Concrete (fc = 3000 psi) per Specification 00440. The CGC mixture may be accepted at the site of placement according to 00440.14.*
4. *Material grade for base hardware connection shall be according to the manufacturer's recommendation and based on crash testing.*
5. *All slip bases shall be pre-assembled by the manufacturer and shall be installed according to the manufacturer's instructions.*
6. *Use slip bases listed on the ODOT Qualified products list or submit crash testing data, installation instructions, and unstamped working drawings according to 00150.35.*
7. *Slip base details shown are not for a specific manufacturer and are only shown to convey general pieces of a slip base system. Specific slip base material will be acccording to the manufacturer's documentation.*



PLAN

No scale

Accompanied by dwgs. TM681, TM687

CALC. BOOK NO. 5752

SDR DATE 06-JAN-2012

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

PERFORATED STEEL SQUARE TUBE (PSST) SLIP BASE FOUNDATION

2021

DATE	REVISION DESCRIPTION

TM688

TAPER TYPES & FORMULAS	
TAPER	FORMULA
Merging (Lane Closure)	"L"
Shifting	"L"/2 or ½"L"
Shoulder Closure	"L"/3 or ⅓"L"
Flagging (See Drg. TM850)	50' – 100'
Downstream (Termination)	Varies (See Drawings)

★ Use Pre-Construction Posted Speed to select the Speed from the Tables below:

TEMPORARY BARRIER FLARE RATE TABLE	
★SPEED (mph)	MINIMUM FLARE RATE
≤ 30	8:1
35	9:1
40	10:1
45	12:1
50	14:1
55	16:1
60	18:1
65	19:1
70	20:1

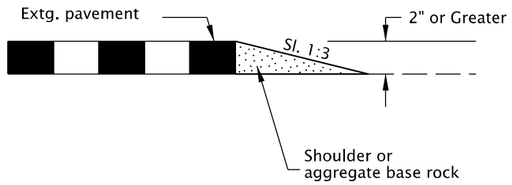
MINIMUM LENGTHS TABLE					
"L" VALUE FOR TAPERS (ft)					BUFFER "B" (ft)
★ SPEED (mph)	W = Lane or Shoulder Width being closed or shifted				
	W ≤ 10	W = 12	W = 14	W = 16	
25	105	125	145	165	75
30	150	180	210	240	100
35	205	245	285	325	125
40	265	320	375	430	150
45	450	540	630	720	180
50	500	600	700	800	210
55	550	660	770	880	250
60	600	720	840	960	285
65	650	780	910	1000	325
70	700	840	980	1000	365
FREEWAYS					
55	1000	1000	1000	1000	250
60	1000	1000	1000	1000	285
65	1000	1000	1000	1000	325
70	1000	1000	1000	1000	365

NOTES:
- For Lane closures where W < 10', use "L" value for W = 10'.
- For Shoulder closures where W < 10', use "L" value for W = 10' or calculate "L" using formula, for Speeds ≥ 45: L = WS, Speeds < 45: L = $S^2W/60$, S = Speed, W=Width

TRAFFIC CONTROL DEVICES (TCD) SPACING TABLE				
★ SPEED (mph)	Sign Spacing (ft)			Max. Channelizing Device Spacing (ft)
	A	B	C	
20 – 30	100	100	100	20
35 – 40	350	350	350	20
45 – 55	500	500	500	40
60 – 70	700	700	700	40
Freeway	1000	1500	2640	40

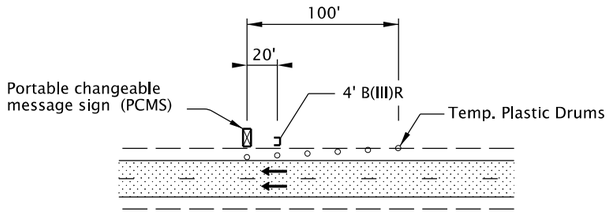
NOTES:
- Place traffic control devices on 10 ft. spacing for intersection and access radii.
- When necessary, sign spacing may be adjusted to fit site conditions. Limit spacing adjustments to 30% of the "A" dimension for all speeds.

NOTES:
- When paved shoulders adjacent to excavations are less than four feet wide protect longitudinal abrupt edge as shown.
- Use aggregate wedge when abrupt edge is 2 inches or greater.



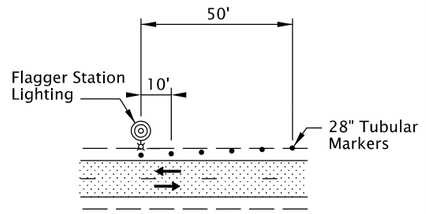
EXCAVATION ABRUPT EDGE

NOTES:
- Install PCMS beyond the outside shoulder, when possible.
- Use the appropriate type of barricade panels for PCMS location. Right shoulder, use Type B(III)R Left shoulder, use Type B(III)L
- Use six drums in shoulder taper on 20' spacing. The drums and barricade may be omitted when PCMS is placed behind a roadside barrier.
- Detail as shown is used for trailered and non-crashworthy components of:
  - Portable Traffic Signals
  - Smart Work Zone Systems



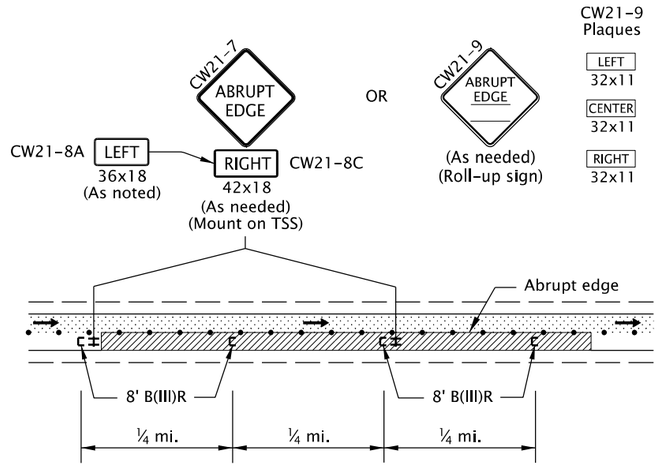
PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) INSTALLATION

NOTES:
- Install Flagger Station Lighting beyond the outside shoulder, where practical.
- Use six tubular markers in shoulder taper on 10' spacing.
- Place cart / generator / power supply off of the shoulder, as far as practical.



FLAGGER STATION LIGHTING DELINEATION

NOTES:
- Abrupt edges may be created by paving, operations, excavations or other roadway work. Use abrupt edge signing for longitudinal abrupt edges of 1 inch or greater.
- If the excavation is located on left side of traffic, replace the 8' B(III)R barricades with 8' B(III)L barricades and replace the "RIGHT" (CW21-8C) riders with "LEFT" (CW21-8A) riders.
- Continue signing and other traffic control devices throughout excavation area at spacings shown.
- If roll-up signs are used, attach the correct (CW21-9) plaques to the sign face using hook and loop fasteners. Place roll-up signs in advance of barricades.



TYPICAL ABRUPT EDGE DELINEATION

GENERAL NOTES FOR ALL TCP DRAWINGS:
- Signs and other Traffic Control Devices (TCD) shown are the minimum required.
- Place a barricade approx. 20' ahead of all sequential arrow boards.
- Arrows shown in roadway are directional arrows to indicate traffic movements.
- All signs are 48" x 48" unless otherwise shown. Use flourescent orange sheeting for the background of all temporary warning signs.

○ ○ ○ Temp. Plastic Drums See TCD Spacing Table for max. spacing.

• • • 28" Tubular Markers See TCD Spacing Table for max. spacing.

UNDER TRAFFIC

UNDER CONSTRUCTION

- All diamond shaped warning signs mounted on barrier sign supports shall be 36" by 36". All other signs mounted on barrier sign supports shall not exceed 12 sq. ft. in total sign area.
- Low speed highways have a pre-construction posted speed of 40 mph or less. High speed highways have a pre-construction posted speed of 45 mph or higher.
- Do not locate sign supports in locations designated for bicycle or pedestrian traffic.
- Combine drawing details to complete temporary traffic control for each work activity.
- To be accompanied by Dwg. Nos. TM820 & TM821.

CALC. BOOK NO. TM09-01

SDR DATE 01-JUL-2021

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

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OREGON STANDARD DRAWINGS

TABLES, ABRUPT EDGE AND PCMS DETAILS

2021

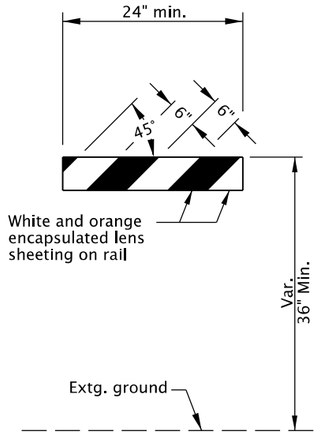
DATE	REVISION DESCRIPTION

tm800.dgn 01-JUL-2021

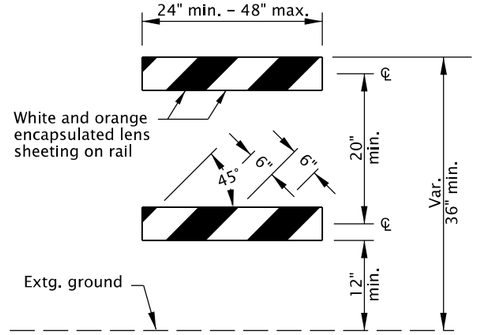
TM800

Effective Date: December 1, 2021 – May 31, 2022

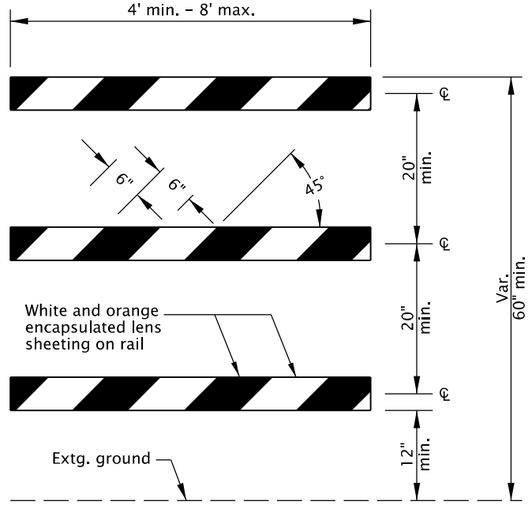
tm820.dgn 01-JUL-2020



TYPE I



TYPE II



TYPE III

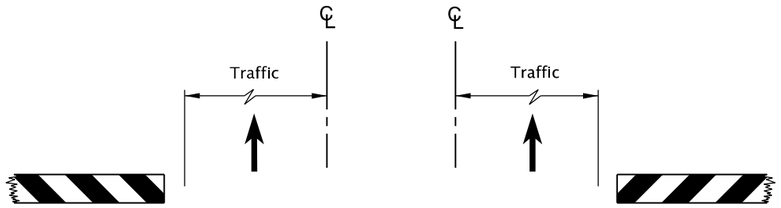
BARRICADE RAIL LAYOUT

GENERAL NOTES FOR ALL DETAILS:

- Sandbags (approximately 25 lb sack filled with sand) may be placed on lower frame to provide additional ballast.
- Ballast shall not extend above bottom rail or be suspended from barricade.
- For rails less than 36" long, 4" wide stripes shall be used.
- Rails must be 8" min. to 12" max. in height.
- Use barricades from ODOT Qualified Products List (QPL).
- Use 4' Type III barricades where horizontal space is limited.
- Do not block bike lanes or shoulders unless the facility is properly closed and signed.
- Do not place barricades in sidewalks unless sidewalk is closed and a temporary pedestrian accessible route (TPAR) is signed according to the TCP. See Dwg. No. TM844.

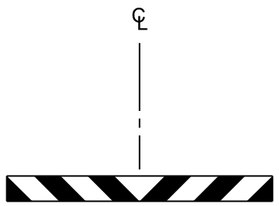
NOTES:

- Markings for barricade rails shall slope downward at an angle of 45° in the direction traffic is to pass.
- Where a barricade extends entirely across a roadway, it is desirable that the stripes slope downward in the direction toward which traffic must turn in detouring.
- Where both right and left turns are provided for, slope the chevron striping downward in both directions from the center of the barricade.
- For full roadway closures, the C or LR barricade may be used. Extend barricades completely across roadway unless access is required for local road users.

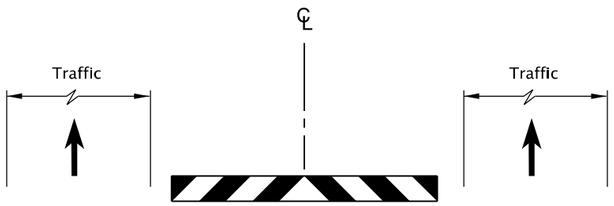


LT. SIDE - L
(For approaching traffic)

RT. SIDE - R
(For approaching traffic)

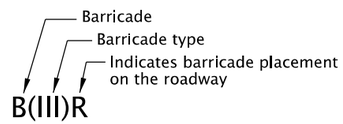


CLOSED - C
(For approaching traffic)



LT. / RT. - LR
(For approaching traffic)

DIAGRAM FOR BARRICADE PLACEMENT AND SLOPE MARKING



BARRICADE NOTATION

CALC. BOOK NO. N/A

SDR DATE 01-JUL-2020

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

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OREGON STANDARD DRAWINGS

TEMPORARY BARRICADES

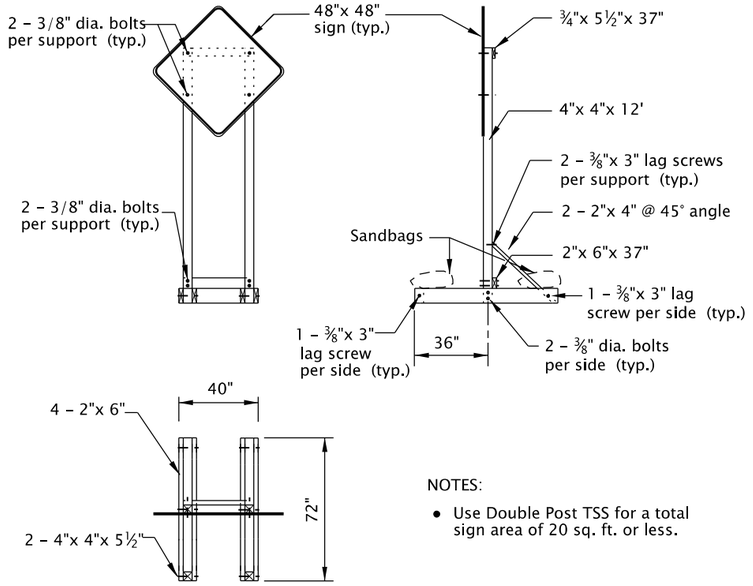
2021

DATE	REVISION DESCRIPTION

TM820

Effective Date: December 1, 2021 – May 31, 2022

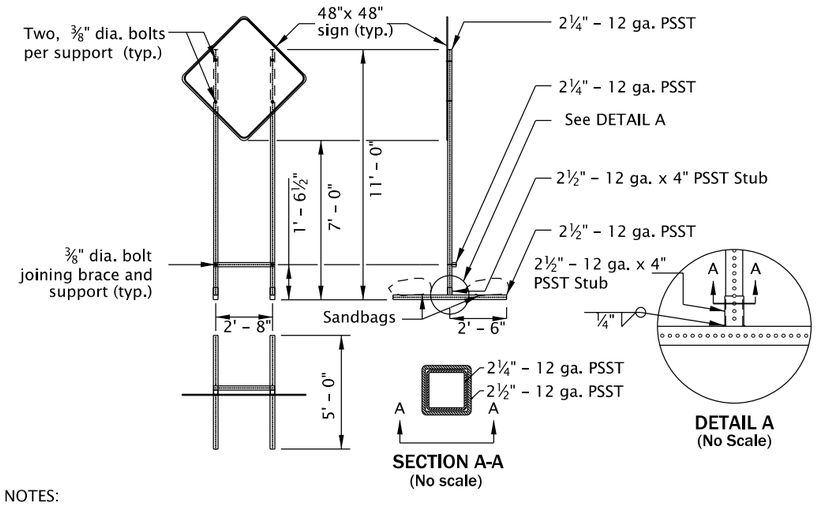
tm821.dgn 01-JUL-2020



NOTES:

- Use Double Post TSS for a total sign area of 20 sq. ft. or less.

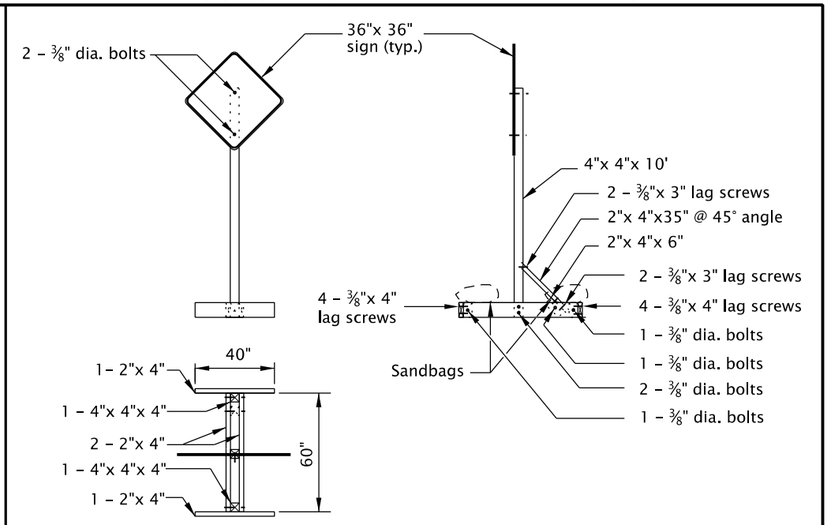
DOUBLE POST DETAIL



NOTES:

- Use PSST TSS's for a total sign area of 16 sq. ft. or less.
- All members shall have a minimum yield stress of 50 ksi.
- Galvanize steel according to ASTM A653 with coating designation G90. Remove Galvanizing from steel before welding. Repair Galvanizing according to ASTM A780.
- Use A325 Bolts or equivalent.
- 2¼" – 12 ga. PSST to extend entire length inside of the 2½" – 12 ga. x 4" PSST Stub.
- Do not use bolt to secure 2¼" PSST inside of the 2½" – 12 ga. x 4" PSST Stub.
- Weld steel according to American Welding Society (AWS) D.1.1.

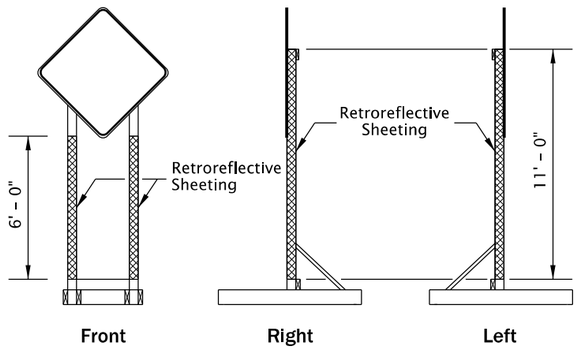
PERFORATED STEEL SQUARE TUBE (PSST) DETAIL



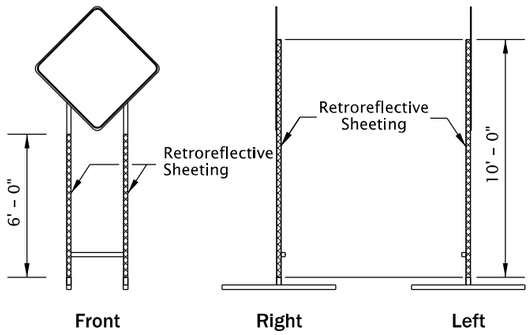
NOTES:

- Use Single Post TSS for a total sign area of 12 sq. ft. or less.
- Use Single Post TSS for mounting "Business Access" (CG20-11) signs. Do not mount signs on Type II or III Barricades.

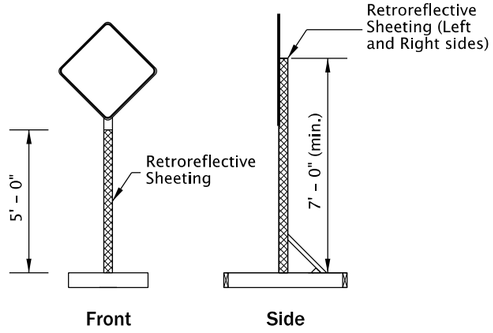
SINGLE POST DETAIL



Double Post



Perforated Steel Square Tube (PSST)



Single Post

TEMPORARY SIGN SUPPORT GENERAL NOTES:

- Do not tip over TSS at any time.
- Do not locate TSS's in locations that block pedestrian or bicycle traffic.
- For wooden TSS's, use either Douglas Fir or Hem Fir, which is surfaced four sides (S4S) and free of heart center (FOHC).
- See "Temporary Sign Placement" detail on TM822 for sign installation heights.
- Do not place or stack ballast more than 24" above the ground.
- When sign is inconsistent with current work zone conditions, cover sign: or turn sign 90 degrees away from approaching traffic. Remove TSS from roadway when signing is not needed for more than 3 days.
- Place a minimum of 50 lbs of sandbags on each of the four TSS supports legs. (25 lb. max per bag) (min. 100 lbs per side of each TSS).
- See Dwg. No. TM204 for flag board mounting detail.

NOTES:

- Apply fluorescent orange, ANSI Type VIII or IX retroreflective sheeting to TSS posts, as shown, for all temporary signs, except "STOP" and "DO NOT ENTER". For "STOP" and "DO NOT ENTER" signs, used red ANSI Type III or IV retroreflective sheeting on the TSS posts.
- Apply sign post retroreflectivity to each TSS post facing front; and to the left and right sides of the TSS, as shown. Use 3" wide sheeting for wood post TSS's. Use 2" wide sheeting for PSST TSS's.
- Sheeting may be applied directly to post material; or applied to a rigid, lightweight substrate, then securely attached to the posts.

SIGN POST REFLECTIVE SHEETING PLACEMENT

CALC. BOOK NO. N/A

SDR DATE 01-JUL-2020

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OREGON STANDARD DRAWINGS

TEMPORARY SIGN SUPPORTS

2021

DATE	REVISION DESCRIPTION

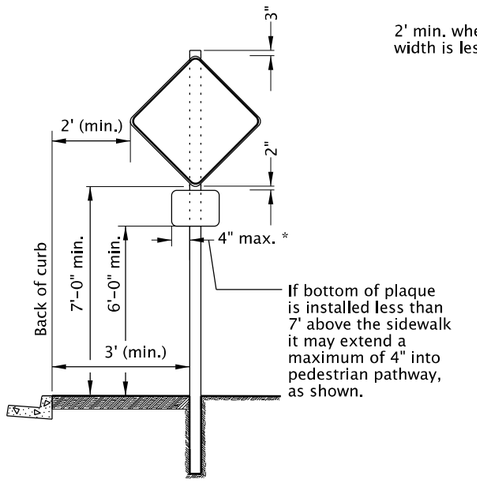
TM821

Effective Date: December 1, 2021 – May 31, 2022

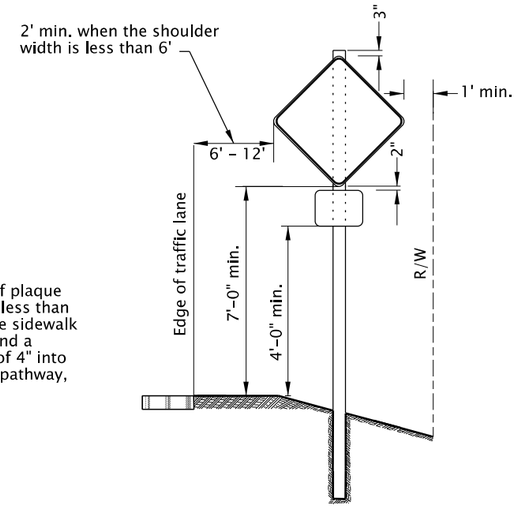
tm822.dgn 01-JUL-2020

NOTES:

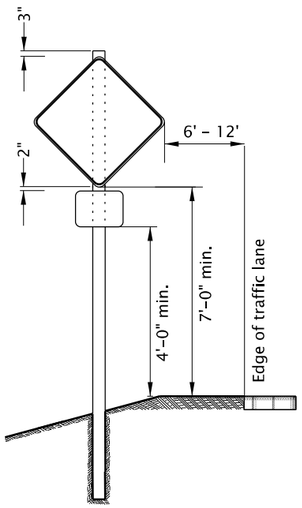
- Do not block bicycle lanes, sidewalks, or TPAR's with sign supports. Maintain minimum widths for these facilities according TCP Design Manual, MUTCD, ADA, or as directed.
- To be accompanied by Dwg. Nos. TM670, TM671, TM687, TM688 & TM689.



Urban Areas With Curb/Sidewalk

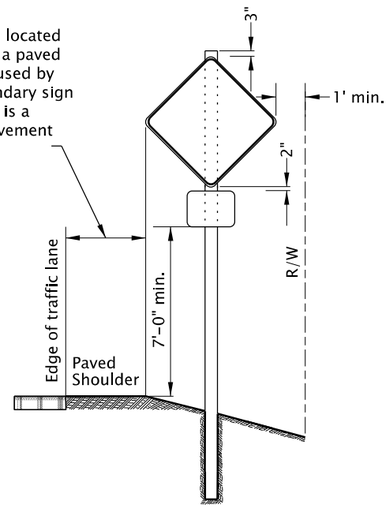


Rural Areas



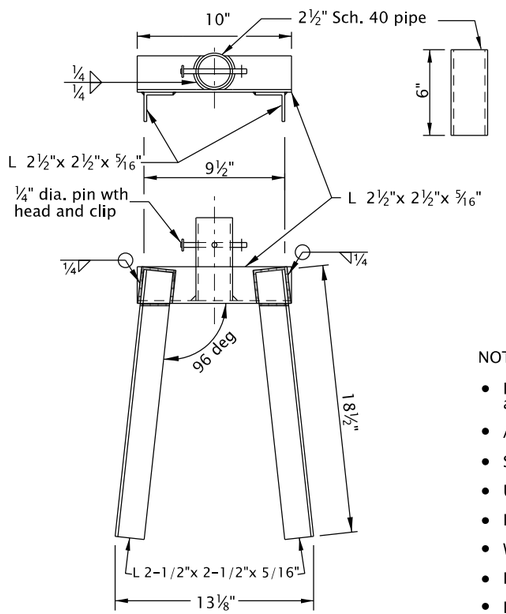
Divided Highway/Freeway Medians No Curb/Sidewalk

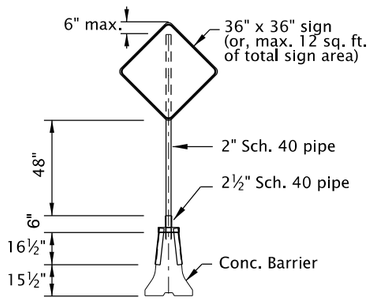
Where temporary signs are located adjacent to or intrude into a paved shoulder or other surface used by bicycle traffic, install secondary sign (plaque) so bottom of sign is a minimum of 7'0" above pavement surface, as shown.



Rural or Urban Areas - Curb or No Curb Bicycles On Shoulder

TEMPORARY SIGN PLACEMENT





NOTES:

- Drill additional holes so sign can be rotated 90 degrees and pinned when not in use.
- All structural steel shall conform to ASTM A36.
- Support fits both 32" and 42" tall "F" barrier.
- Use for supporting a maximum 12 sq. ft. of total sign area.
- Place support at connection between two concrete barrier sections.
- Weld steel according to American Welding Society (AWS) D.1.1.
- Do not use clipped signs.
- Follow manufacturer recommendation when installing signs on barrier other than concrete.

CONCRETE BARRIER SIGN SUPPORT

CALC. BOOK NO. N/A

SDR DATE 01-JUL-2020

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OREGON STANDARD DRAWINGS

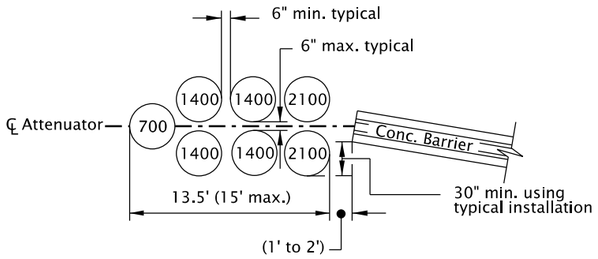
TEMPORARY SIGN SUPPORTS

2021

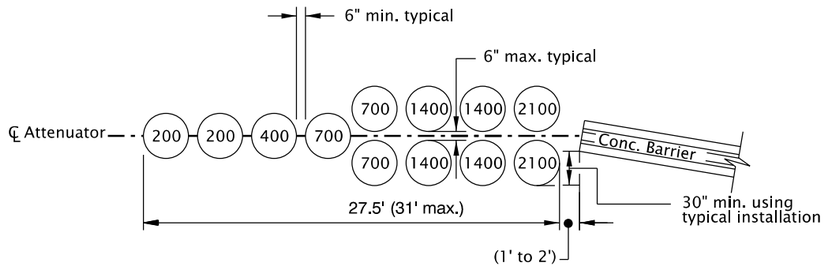
DATE	REVISION DESCRIPTION

TM822

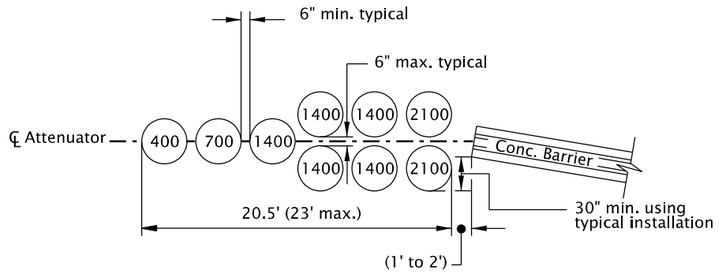
tm831.dgn 01-JUL-2020



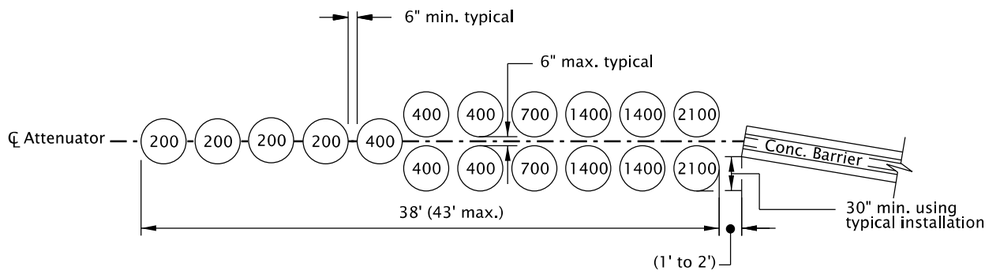
35 mph Layout



55 mph Layout

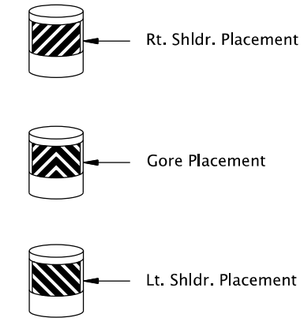


45 mph Layout



70 mph Layout

Single Barrier
TEMPORARY IMPACT ATTENUATOR LAYOUTS



OBJECT MARKERS

GENERAL NOTES FOR ALL DETAILS:

- Use the appropriate layout configuration based on the pre-construction posted speed, as approved by the Engineer.
- For posted speeds not shown, use the next higher speed for attenuator selection.
- Use Temporary Impact Attenuator from the QPL. Typical outside diameter of each module is 36".
- Typical attenuator layouts shown. Layouts may vary by both speed and manufacturer. Number shown within each module is mass of dry sand in pounds.
- Final alignment of attenuator will be established in the field, as directed. At locations where vibrations and surface slopes may cause modules to shift, modules shall be anchored to prevent movement according to manufacturer's instructions and as approved by the engineer.
- The leading module of each attenuator shall be delineated with the appropriate object marker, as shown above.
- The object marker shall be 1/16" thick aluminum sheeting approx. 24" wide, 30" deep, and covered with yellow encapsulated lens sheeting. Black stripes 5" wide shall be silk-screened on the sheeting at a 45° slope and with 4" space between stripes.
- In cold climates, mix sand with 5% rock salt by weight to prevent freezing.
- To be accompanied by Dwg. No. TM833.

CALC. BOOK NO. N/A

SDR DATE 01-JUL-2020

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

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OREGON STANDARD DRAWINGS

TEMPORARY IMPACT ATTENUATORS

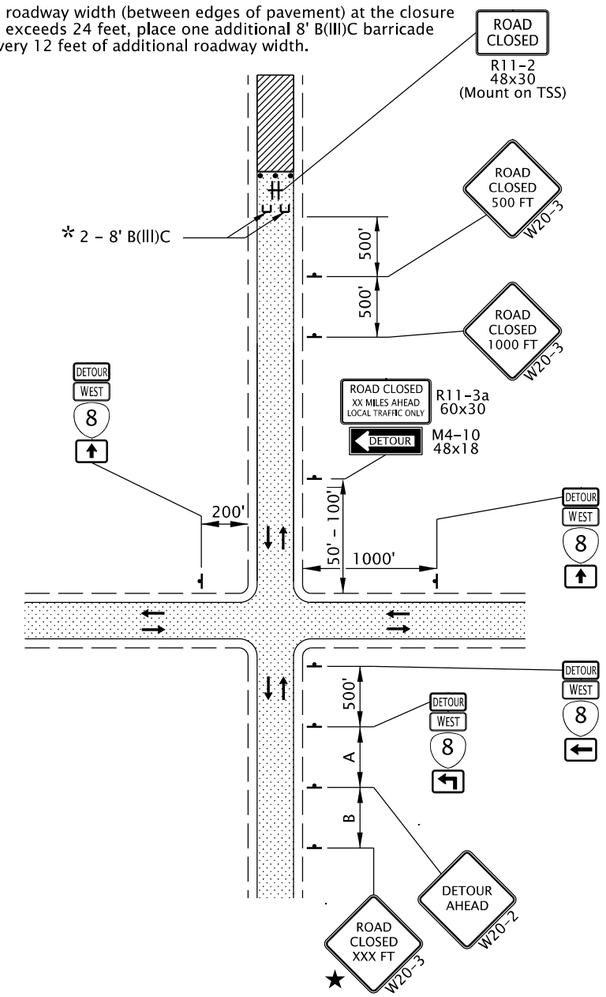
2021

DATE	REVISION DESCRIPTION

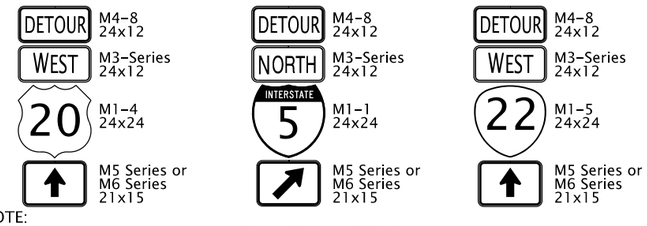
TM831

NOTES:
If closure point is less than 1500 ft. from nearest intersection, use a "ROAD CLOSED TO THRU TRAFFIC" (R11-4)sign in place of the "ROAD CLOSED XX MILES AHEAD" sign.

* If the roadway width (between edges of pavement) at the closure point exceeds 24 feet, place one additional 8' B(III)C barricade for every 12 feet of additional roadway width.

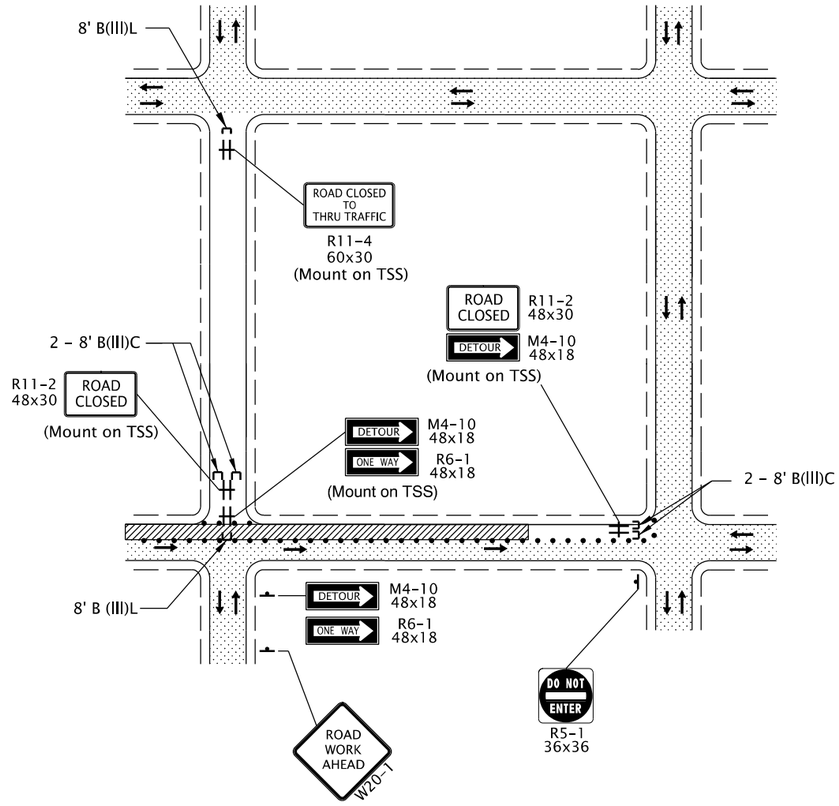


TYPICAL ROAD CLOSURE WITH DETOUR



NOTE:
- When detour routes overlap, each Route Shield will include a seperate cardinal direction, detour, and directional arrow auxiliary sign assembly.

TYPICAL TRAILBLAZER ASSEMBLY



TYPICAL PARTIAL ROAD CLOSURE

GENERAL NOTES FOR ALL DETAILS:

★ A "Street Name" rider may be used to enhance Road Closure signing; or provide a project specific design; or, as shown in the traffic control plan.

##x18 Rider
Rider width to be determined by width of street name.

48 x 60 (nom.)
Project Specific Design

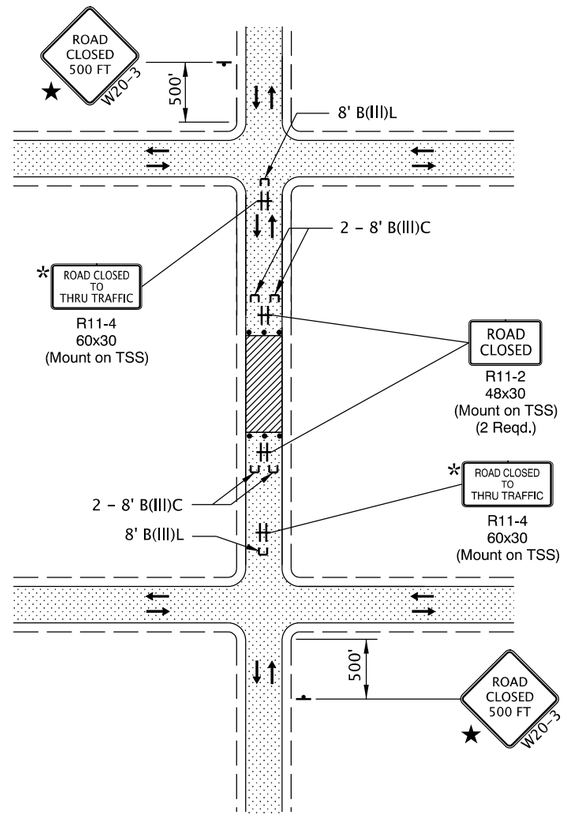
48 x 60 (nom.)
Project Specific Design

- Use a minimum of two Type III barricades for a road closure. For roads ≥ 36' wide between curbs or edge of pavement, use a minimum of three Type III barricades for the closure point.
- For full road closures, the C or LR barricade may be used.
- Place additional signing as directed.
- To determine sign spacing A, B, & C, use the "TRAFFIC CONTROL DEVICES (TCD) SPACING TABLE" on Dwg. TM800.
- To be accompanied by Dwg. Nos.TM820 & TM821.

• • • • • 28" Tubular Markers See TCD Spacing Table on TM800 for max. spacing.

UNDER TRAFFIC

UNDER CONSTRUCTION



NOTE:
* If accesses exist between intersection and point of closure, install "ROAD CLOSED TO THRU TRAFFIC" sign as shown.

TYPICAL ROAD CLOSURE

CALC. BOOK NO. N/A

SDR DATE 01-JUL-2020

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OREGON STANDARD DRAWINGS

CLOSURE DETAILS

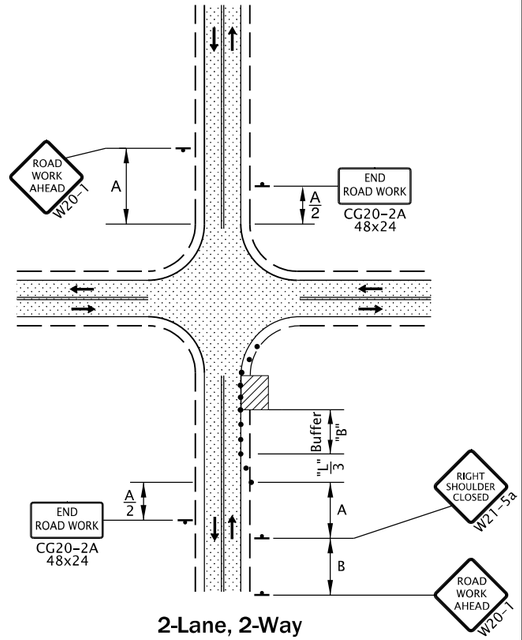
2021

DATE	REVISION DESCRIPTION

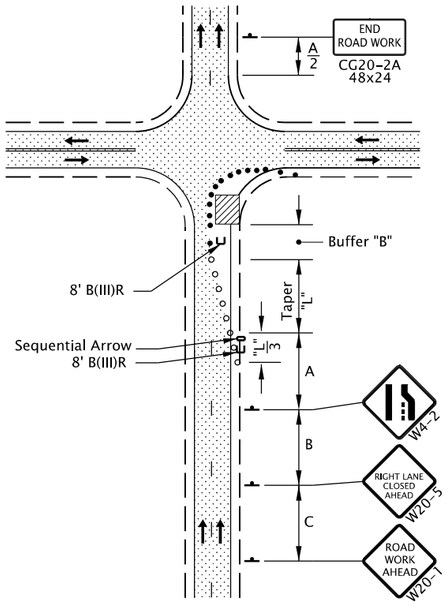
tm840.dgn 01-JUL-2020

TM840

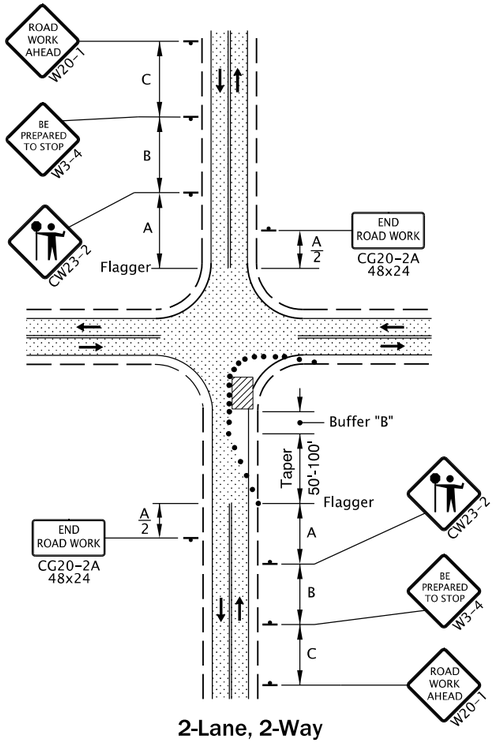
tm841.dgn 01-JUL-2020



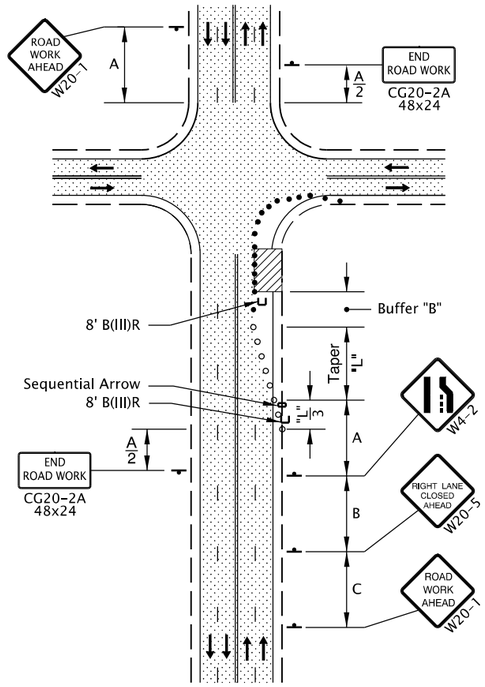
2-Lane, 2-Way
SHOULDER CLOSURE



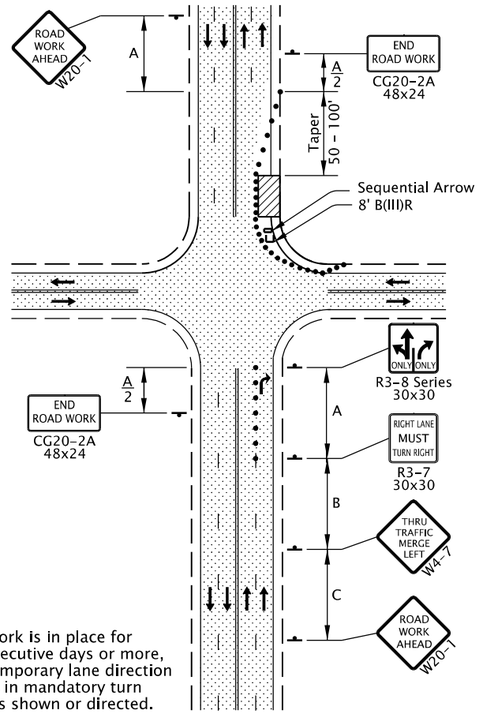
2-LANE, 1-WAY
RIGHT LANE CLOSURE



2-Lane, 2-Way
ONE LANE CLOSURE



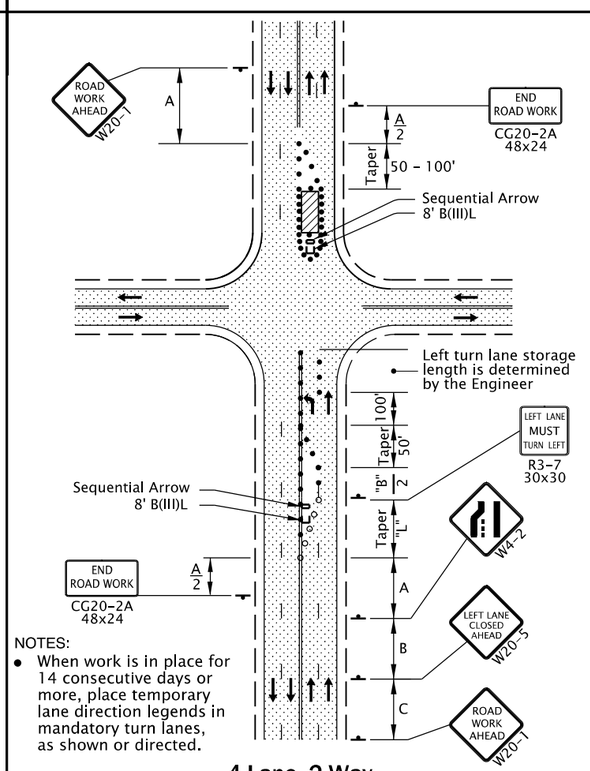
4-Lane, 2-Way
RIGHT LANE CLOSURE, NEAR SIDE



NOTES:

- When work is in place for 14 consecutive days or more, place temporary lane direction legends in mandatory turn lanes, as shown or directed.

4-Lane, 2-Way
RIGHT LANE CLOSURE, FAR SIDE



NOTES:

- When work is in place for 14 consecutive days or more, place temporary lane direction legends in mandatory turn lanes, as shown or directed.

4-Lane, 2-Way
LEFT LANE CLOSURE, FAR SIDE

GENERAL NOTES FOR ALL DETAILS:

- Additional Traffic Control Measures (TCM) may be required for all legs of the intersection.
- The "FLAGGER" (CW23-2) symbol sign shall be used only in conjunction with the "BE PREPARED TO STOP" (W3-4) sign.
- To determine Taper Length ("L") and Buffer Length ("B"), use the "MINIMUM LENGTHS TABLE" on Dwg. TM800.
- For left lane or shoulder work, place TCD to close left lane or shoulder. Use "LEFT LANE CLOSED AHEAD" (W20-5) sign, "LEFT LANE ENDS" (W4-2L) symbol sign, or "LEFT SHOULDER CLOSED" (W21-5a) sign, where applicable.
- To determine sign spacing A, B, and C, use "TRAFFIC CONTROL DEVICES (TCD) SPACING TABLE" on Dwg. TM800.
- When a through road intersects within the work zone, place a "ROAD WORK AHEAD" (W20-1) sign in advance of the intersection at sign spacing A.
- Tubular markers may be used in lane closure tapers where posted speed is 40 mph or less.
- Where shoulder width is limited, Sequential Arrow may be placed within the lane closure taper.
- Place channelizing devices around intersection radii, business accesses and driveways at 10' spacing.
- Install a "BICYCLES ON ROADWAY" (CW11-1) sign in advance of the closure when a bike lane is closed, or when the shoulder is closed and bikes are expected.
- To be accompanied by Dwg. Nos. TM820, TM821 & TM840.

• • • • • 28" Tubular Markers
See TCD Spacing Table on TM800 for max. spacing.

○ ○ ○ ○ ○ Temp. Plastic Drums
See TCD Spacing Table on TM800 for max. spacing.

UNDER TRAFFIC

UNDER CONSTRUCTION

CALC. BOOK NO. N/A

SDR DATE 01-JUL-2020

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OREGON STANDARD DRAWINGS

INTERSECTION WORK ZONE DETAILS

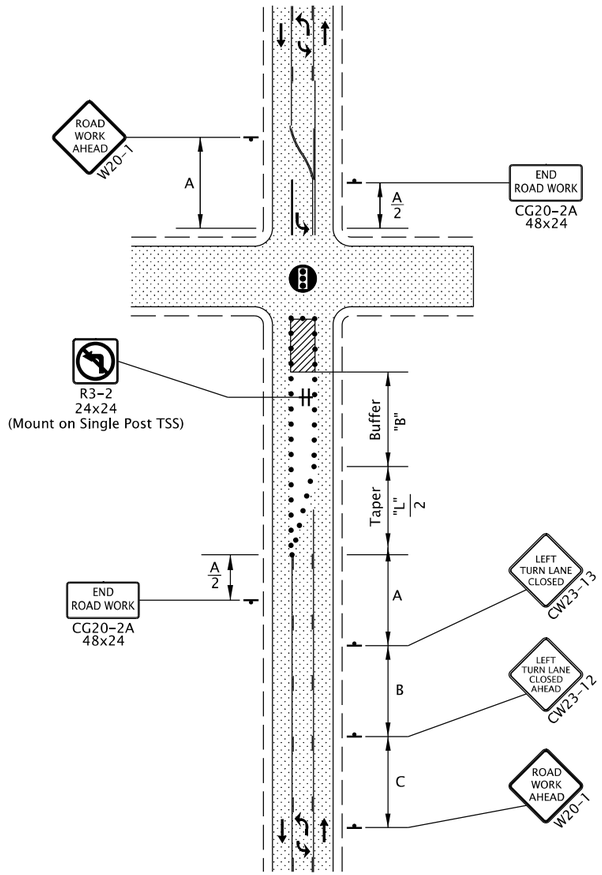
2021

DATE	REVISION DESCRIPTION

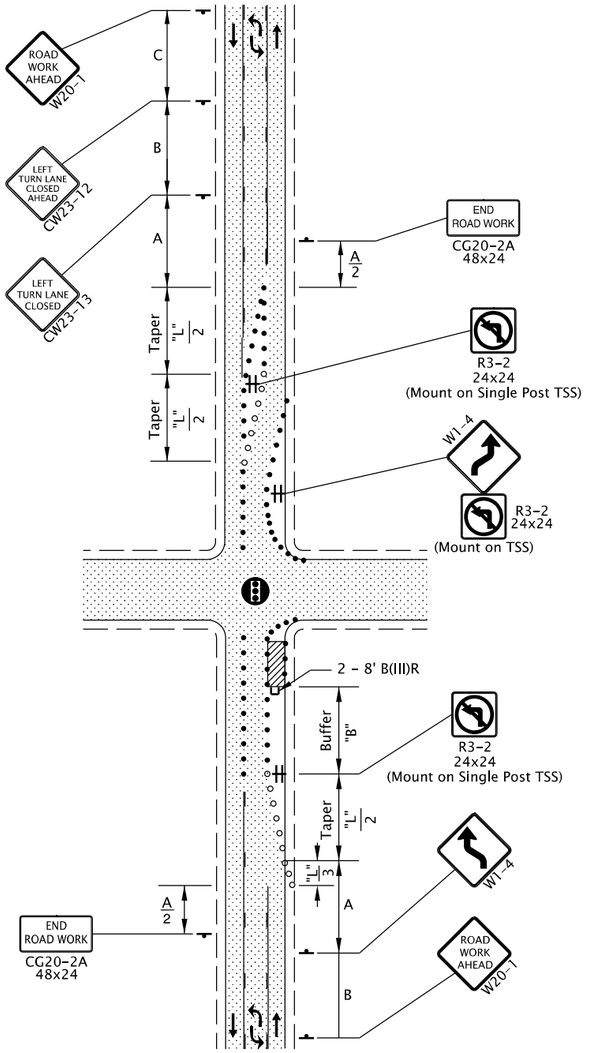
TM841

Effective Date: December 1, 2021 – May 31, 2022

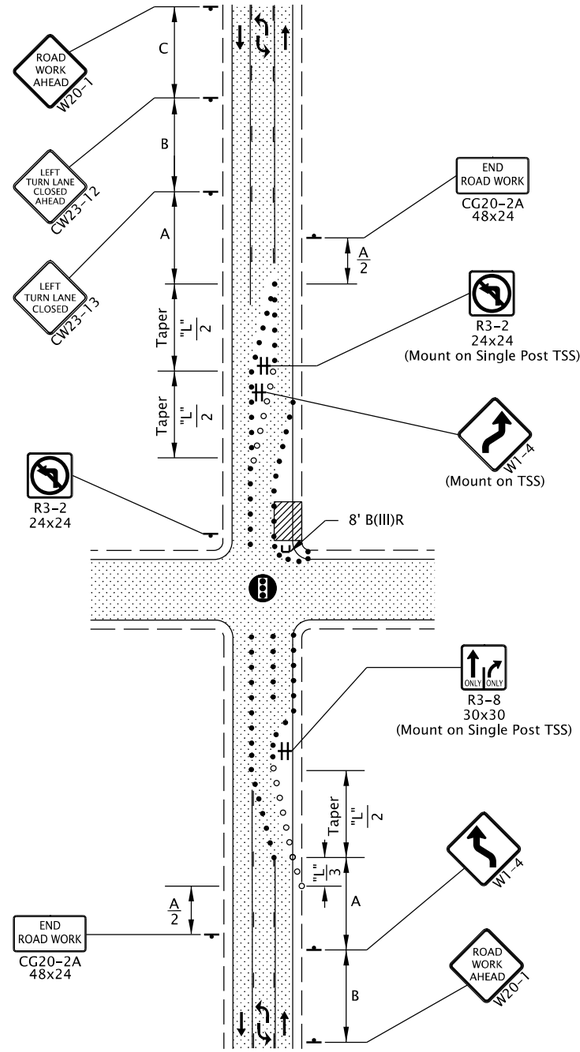
tm842.dgn 01-JUL-2020



2-Lane, 2-Way Roadway With Left Turn Median
LEFT TURN MEDIAN CLOSURE



2-Lane, 2-Way Roadway With Left Turn Median
RIGHT LANE CLOSURE, NEAR SIDE



2-Lane, 2-Way Roadway With Left Turn Median
RIGHT LANE CLOSURE, FAR SIDE

GENERAL NOTES FOR ALL DETAILS:

- Additional Traffic Control Measures (TCM) may be required for all legs of the intersection.
- To determine Taper Length ("L") and Buffer Length ("B") shown on this sheet, use the "MINIMUM LENGTHS TABLE" on Dwg. TM800.
- Taper length of "L" for through lane shifting tapers may be used for higher speed roads.
- Taper length of "L"/2 for center turn lane closure may be used in areas with a high number of accesses within the work zone.
- When a through road intersects within the work zone, place a "ROAD WORK AHEAD" (W20-1) sign in advance of the intersection at sign spacing A.
- To determine sign spacing A, B, and C, use "TRAFFIC CONTROL DEVICES (TCD) SPACING TABLE" on Dwg. TM800.
- Place channelizing devices around intersection radii, business accesses, and driveways at 10' spacing.
- Tubular markers may be used in lane closure tapers where the posted speed is 40 mph or less.
- Install a "BICYCLES ON ROADWAY" (CW11-1) sign in advance of the closure when a bike lane is closed, or when the shoulder is closed and bikes are expected.
- Signal timing adjustments determined by Engineer.
- To be accompanied by Dwg. Nos. TM820 & TM821.

Signal

28" Tubular Markers See TCD Spacing Table on TM800 for max. spacing

Temp. Plastic Drums See TCD Spacing Table on TM800 for max. spacing

UNDER TRAFFIC

UNDER CONSTRUCTION

CALC. BOOK NO. N/A

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SDR DATE 01-JUL-2020

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

OREGON STANDARD DRAWINGS

SIGNALIZED INTERSECTION DETAILS

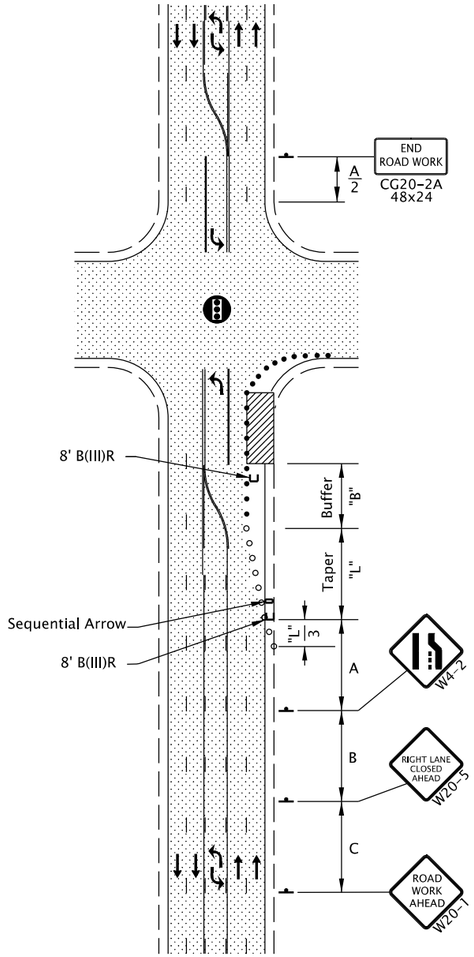
2021

DATE	REVISION DESCRIPTION

TM842

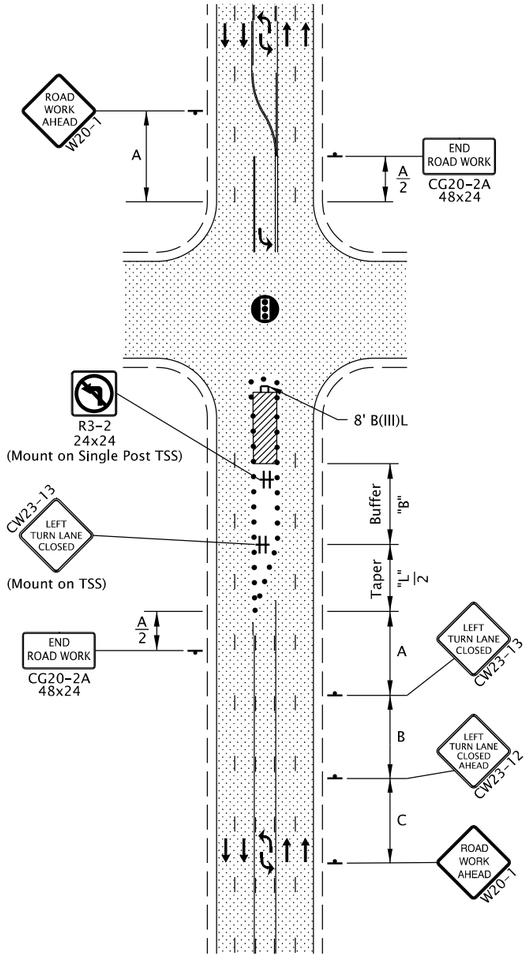
Effective Date: December 1, 2021 – May 31, 2022

tm843.dgn 01-JUL-2020



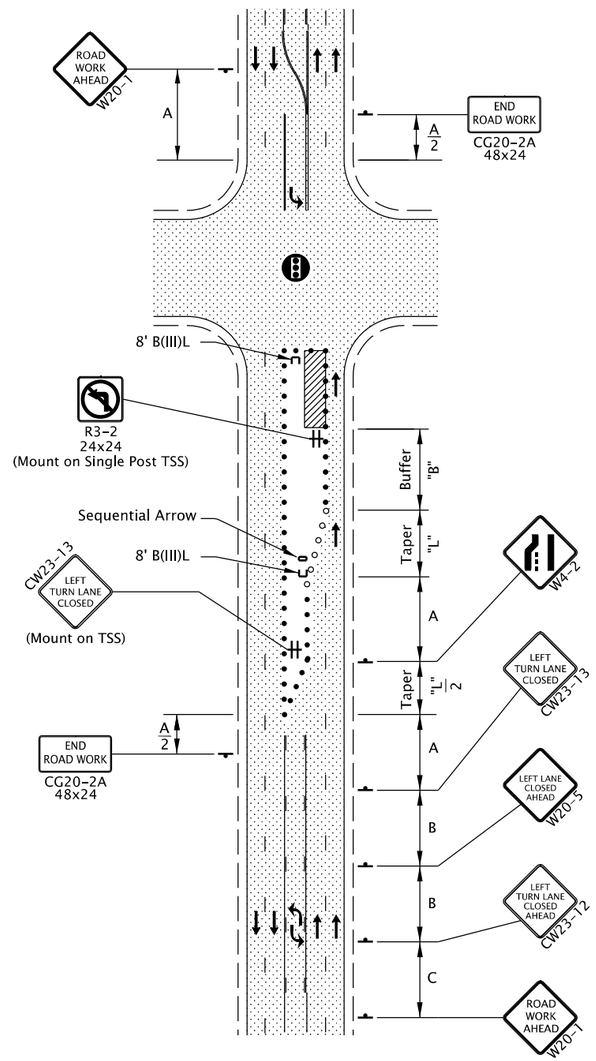
4-Lane, 2-Way Roadway With Left Turn Median

RIGHT LANE CLOSURE



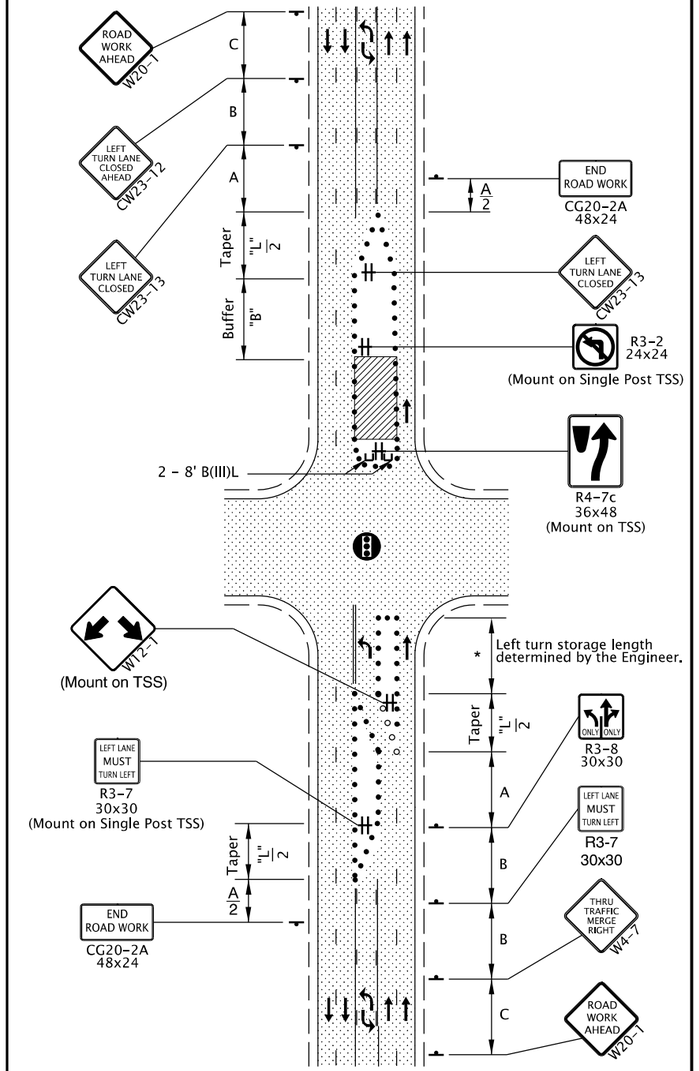
4-Lane, 2-Way Roadway With Left Turn Median

LEFT TURN MEDIAN CLOSURE



4-Lane, 2-Way Roadway With Left Turn Median

LEFT TURN MEDIAN AND LEFT LANE CLOSURE



4-Lane, 2-Way Roadway With Left Turn Median

LEFT TURN MEDIAN & LEFT LANE CLOSURE, FAR SIDE

GENERAL NOTES FOR ALL DETAILS:

- Additional Traffic Control Measures (TCM) may be required for all legs of the intersection.
- To determine Taper Length ("L") and Buffer Length ("B") shown on this sheet, use the "MIMIMUM LENGTHS TABLE" on Dwg. TM800.
- When a through road intersects within the work zone, place a "ROAD WORK AHEAD" (W20-1) sign in advance of the intersection at sign spacing A.
- To determine sign spacing A, B, and C, use "TRAFFIC CONTROL DEVICES (TCD) SPACING TABLE" on Dwg. TM800.
- Tubular markers may be used in lane closure tapers where the posted speed is 40 mph or less.
- Taper Length of "L" for the through-lane shifting tapers may be used for higher speed roads.
- Taper Length of "L"/2 for center turn lane closure may be used in areas with high number of accesses within the work zone.
- Place channelizing devices around intersection radii, business accesses and driveways at 10' spacing.
- Install a "BICYCLES ON ROADWAY" (CW11-1) sign in advance of the closure when a bike lane is closed, or when the shoulder is closed and bikes are expected.
- Signal timing adjustments determined by the Engineer.
- To be accompanied by Dwg. Nos. TM820 & TM821.

Signal

28" Tubular Markers
See TCD Spacing Table on TM800 for max. spacing.

Temp. Plastic Drums
See TCD Spacing Table on TM800 for max. spacing.

UNDER TRAFFIC

UNDER CONSTRUCTION

CALC. BOOK NO. N/A

SDR DATE 01-JUL-2020

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OREGON STANDARD DRAWINGS

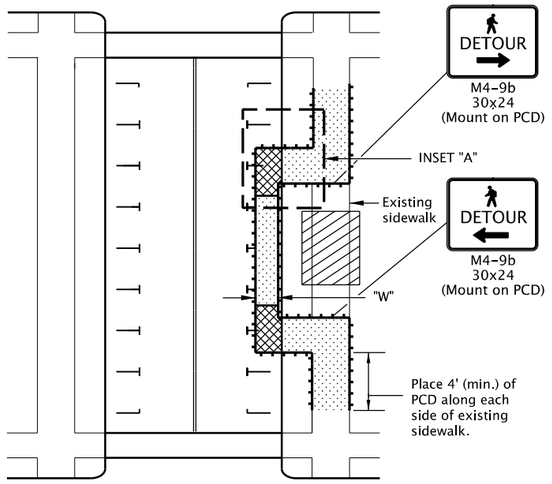
MULTI-LANE SIGNALIZED INTERSECTION DETAILS

2021

DATE	REVISION DESCRIPTION

TM843

tm844.dgn 01-JUL-2020



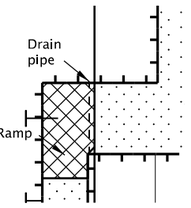
Within Roadway
SIDEWALK DIVERSION

NOTES:

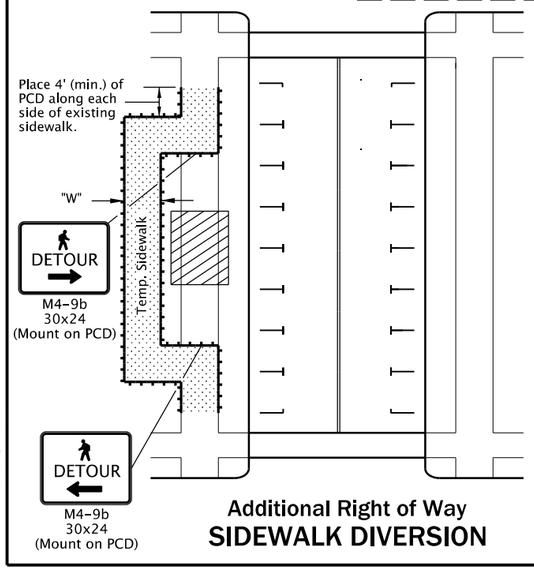
- Place or construct temp. sidewalk ramp, as needed.
- For roadways with a pre-construction posted speed of 40 mph or less.
- See inset "A" for Temp. Sidewalk Ramp details.
- "W" = 60", or, where 60" width cannot be maintained through the entire route, provide 48" min. width with 60" x 60" passing spaces every 200 ft.
- Use temporary ADA compliant surfaces to cross planter strips or other non-traversable surfaces.

NOTES:

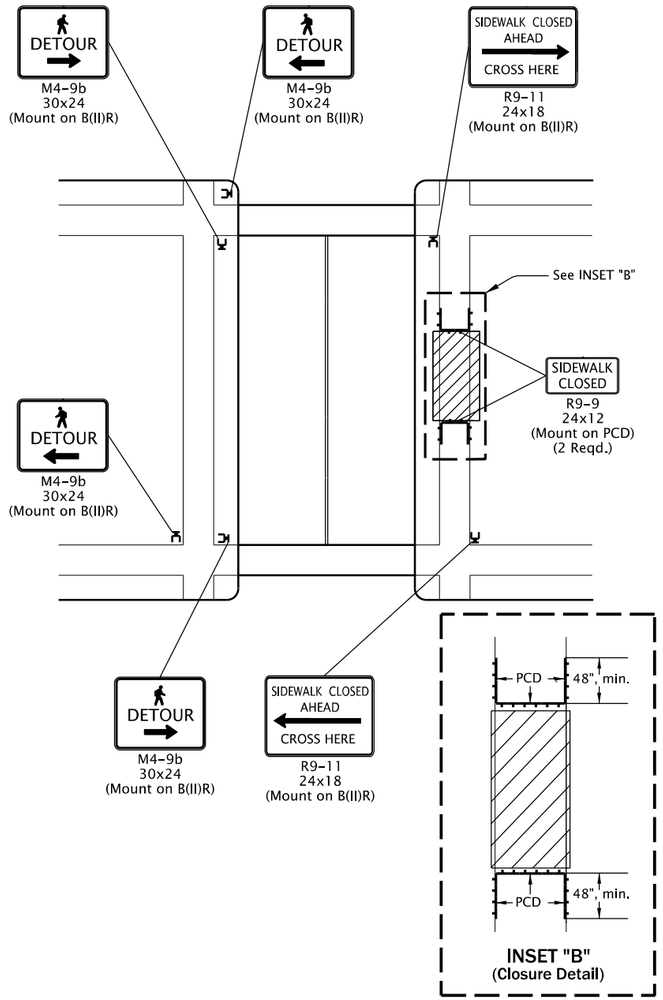
- Ramp size will vary. Ramp must meet ADA requirements incl. max design grade of 7.5% and max design cross slope of 1.5%.



INSET "A"
(Temp. Sidewalk Ramp)



Additional Right of Way
SIDEWALK DIVERSION

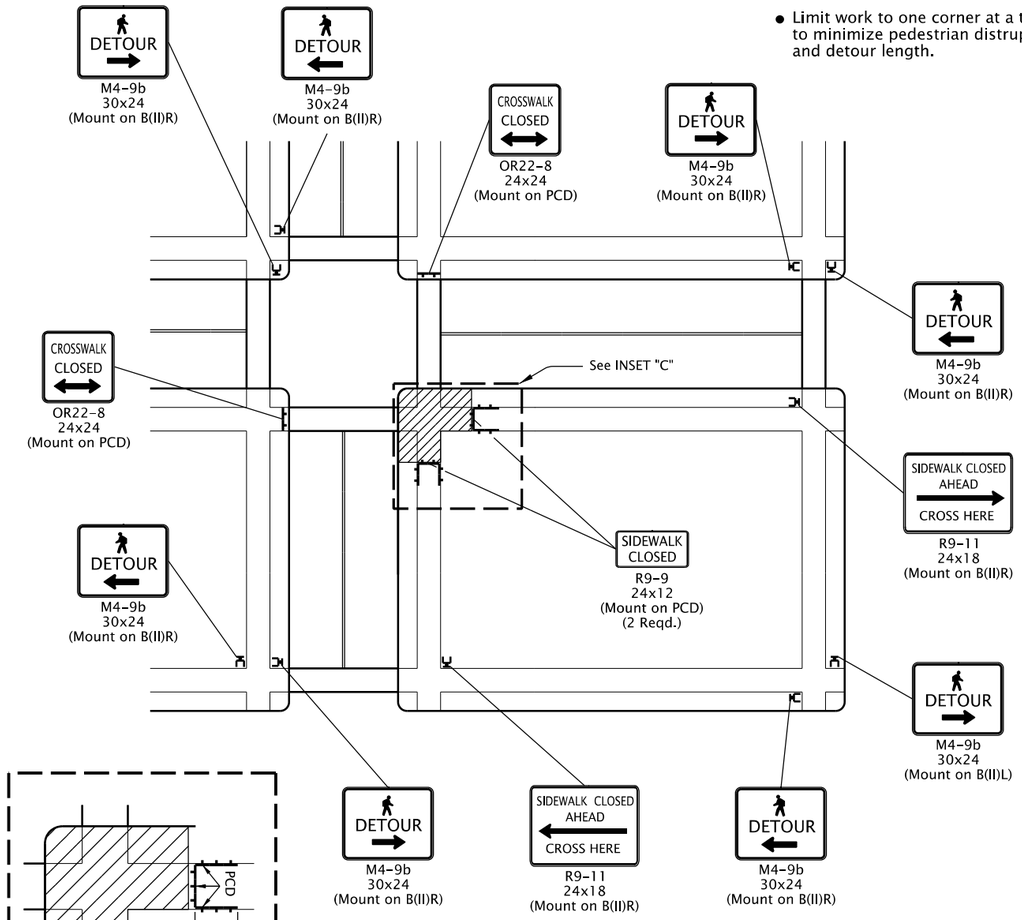


INSET "B"
(Closure Detail)

SIDEWALK CLOSURE, MIDBLOCK

NOTE:

- Limit work to one corner at a time to minimize pedestrian distruption and detour length.



INSET "C"
(Closure Detail)

SIDEWALK CLOSURE, CORNER

GENERAL NOTES FOR ALL DETAILS:

- When closing or relocating crosswalks or other pedestrian facilities provide ADA compliant facilities. Include accessibility features consistent with existing pedestrian facilities by providing adequate slope transitions and surfacing.
- Provide non-slip, 60 inch minimum wide surface through entire pedestrian route. If not possible, provide 48" min. width with 60" x 60" passing spaces every 200 feet along the route.
- Only TCD for pedestrians are shown. Other devices may be necessary to control vehicular traffic.
- Stage work, as necessary, to provide a temporary pedestrian access route at all times. For roadways with no available detours, maintain one open sidewalk at all times.
- Minimize pedestrian out-of-direction travel.
- To be accompanied by Dwg. Nos. TM820 & TM821.

UNDER PEDESTRIAN TRAFFIC

UNDER CONSTRUCTION

PEDESTRIAN CHANNELIZING DEVICE (PCD)

CALC. BOOK NO. N/A

SDR DATE 01-JUL-2020

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OREGON STANDARD DRAWINGS

TEMPORARY PEDESTRIAN ACCESSIBLE ROUTES

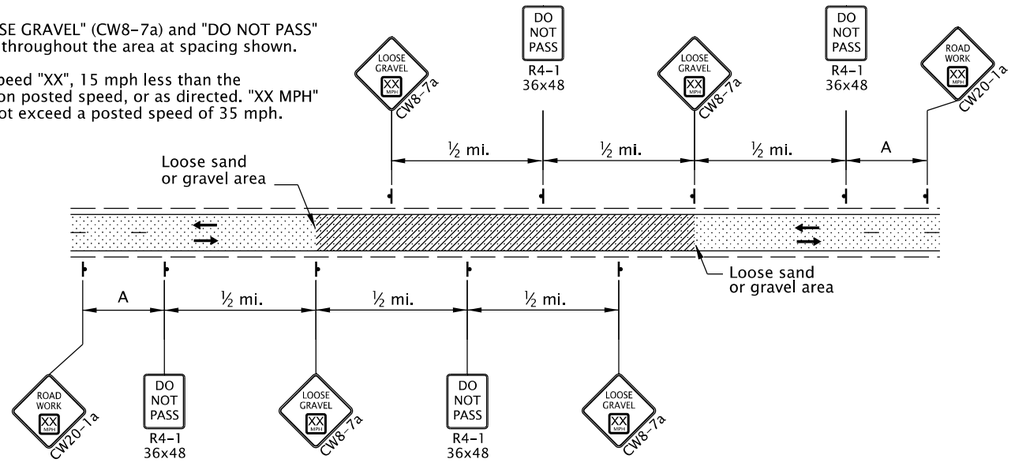
2021

DATE	REVISION DESCRIPTION

TM844

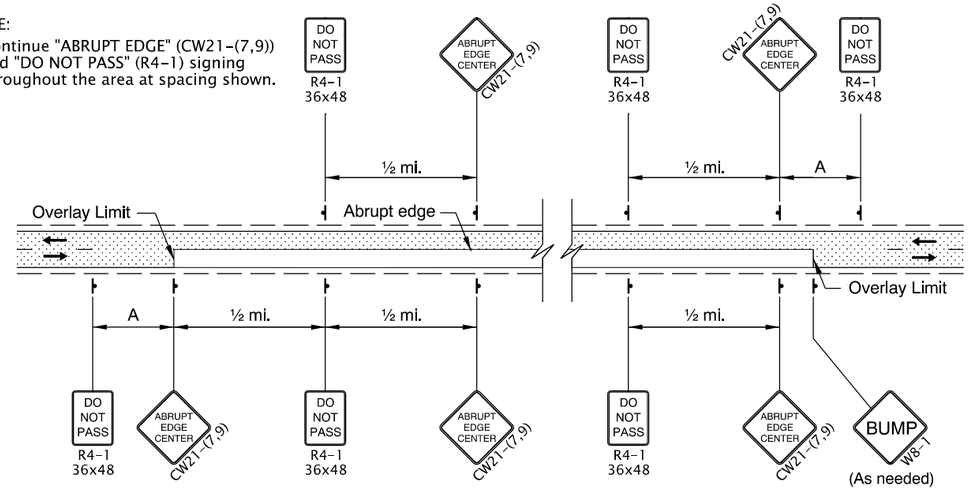
Effective Date: December 1, 2021 – May 31, 2022

NOTE:
- Continue "LOOSE GRAVEL" (CW8-7a) and "DO NOT PASS" (R4-1) signing throughout the area at spacing shown.
- Use advisory speed "XX", 15 mph less than the pre-construction posted speed, or as directed. "XX MPH" placard shall not exceed a posted speed of 35 mph.



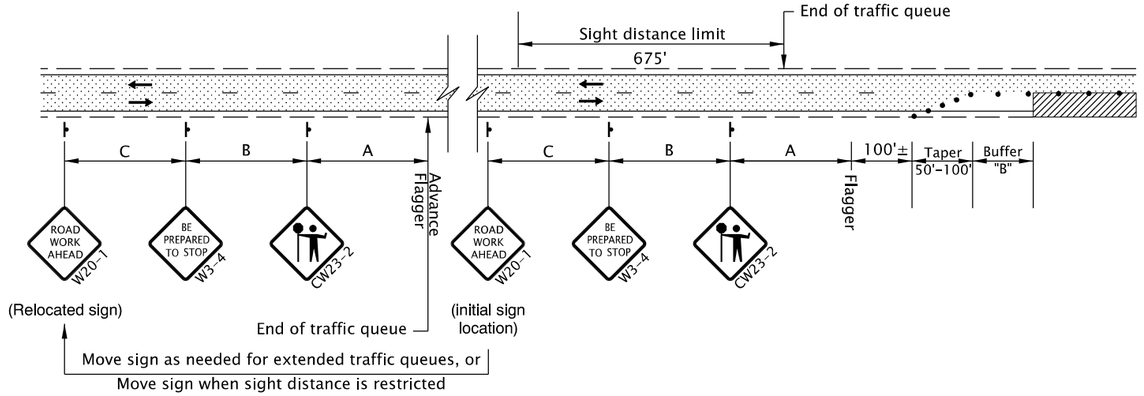
2-Lane, 2-Way Roadway
LOOSE GRAVEL IN ROADWAY SIGNING

NOTE:
- Continue "ABRUPT EDGE" (CW21-(7,9)) and "DO NOT PASS" (R4-1) signing throughout the area at spacing shown.



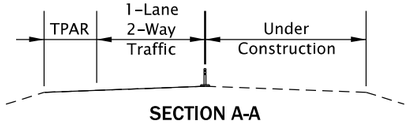
2-Lane, 2-Way Roadway
OVERLAY AREA SIGNING

NOTES:
- Place Advance Flagger and additional signing when traffic queues extend beyond initial warning signing OR when sight distance is restricted.
- Relocate initial "ROAD WORK AHEAD" (W20-1) sign in advance of additional "BE PREPARED TO STOP" (W3-4) and Flagger Ahead (CW23-2) signs, as shown.
- Place additional Tubular Markers for Flagger and Advance Flagger Stations according to FLAGGER STATION DELINEATION detail.



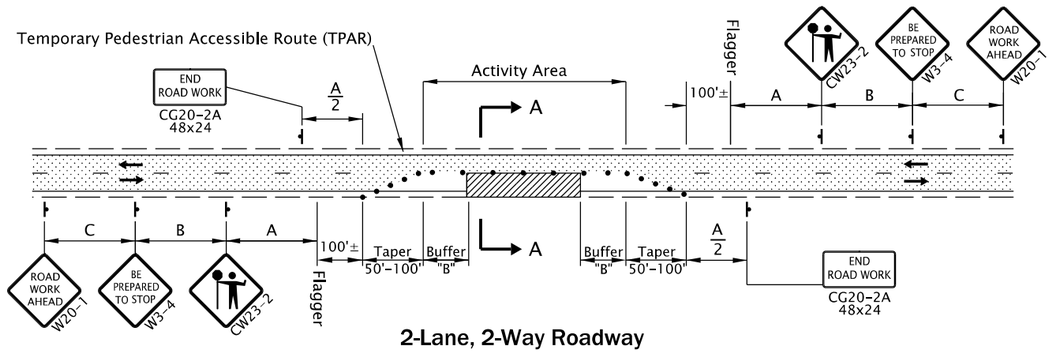
ADVANCE FLAGGER FOR EXTENDED TRAFFIC QUEUES

NOTE:
- When using pilot cars with flaggers to control traffic during paving operations, the Tubular Marker spacing along centerline may be increased to 200' within the Activity Area, as shown or as directed.
- Include "WAIT FOR FLAGGER" (CR4-23) signs mounted on Type II Barricade located approx. 50' before each Flagger.



SECTION A-A

- Coordinate and control pedestrians movements through the TPAR using Flaggers, other TCM, or as directed. When the existing shoulder is greater than or equal to 4' wide, provide a minimum of 4' of width for the TPAR.



2-Lane, 2-Way Roadway
ONE LANE CLOSURE

GENERAL NOTES FOR ALL DETAILS:
- The "FLAGGER" (CW23-2) symbol sign shall be used only in conjunction with the "BE PREPARED TO STOP" (W3-4) sign.
- Cover existing passing zone signing, as directed.
- Install temporary striping as required.
- To determine Taper Length ("L") and Buffer Length ("B"), use the "MINIMUM LENGTHS TABLE" shown on Dwg. No. TM800.
- To determine sign spacing A, B, and C, use "TRAFFIC CONTROL DEVICES (TCD) SPACING TABLE" on Dwg. No. TM800.
- Install a "BICYCLES ON ROADWAY" (CW11-1) sign in advance of the closure when a bike lane is closed, or when the shoulder is closed and bikes are expected.
- At night, flagger stations shall be illuminated according to the FLAGGER STATION LIGHTING DELINEATION detail on Dwg No. TM800.
- To be accompanied by Dwg. Nos. TM820 & TM821.

• • • • • 28" Tubular Markers on 20' max. spacing for flagger tapers and stations

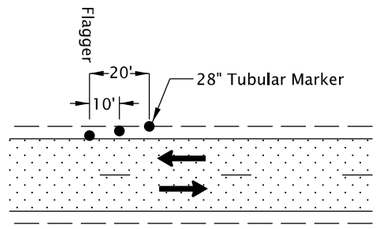
• • • 28" Tubular Markers See TCD Spacing Table on TM800 for max. spacing.

UNDER TRAFFIC

UNDER CONSTRUCTION

CONSTRUCTION UNDER TRAFFIC

NOTE:
- Use a minimum of 3 tubular markers in shoulder taper on 10' spacing for flagger station delineation.



FLAGGER STATION DELINEATION

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

CALC. BOOK NO. N/A

SDR DATE 01-JUL-2020

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

OREGON STANDARD DRAWINGS

2-LANE, 2-WAY ROADWAYS

2021

DATE	REVISION DESCRIPTION

01-JUL-2020

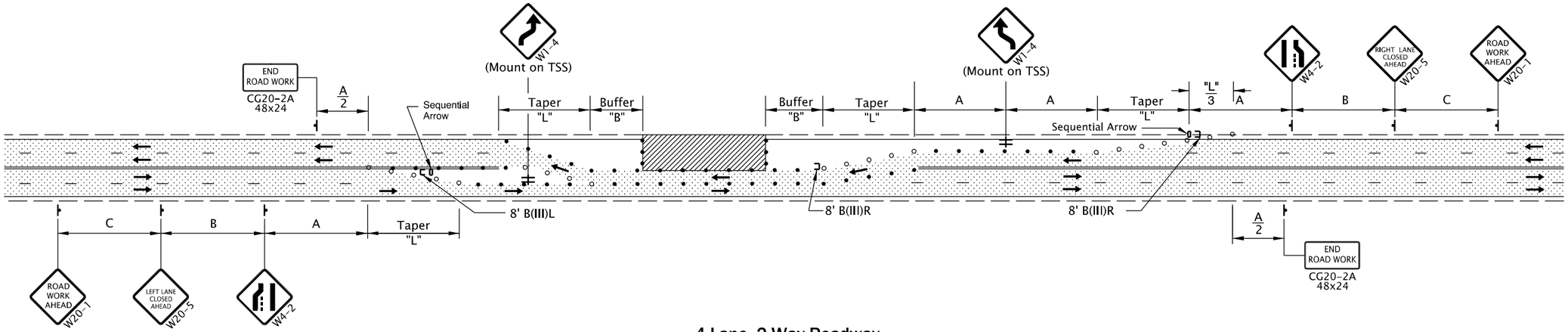
tm850.dgn

TM850

Effective Date: December 1, 2021 – May 31, 2022

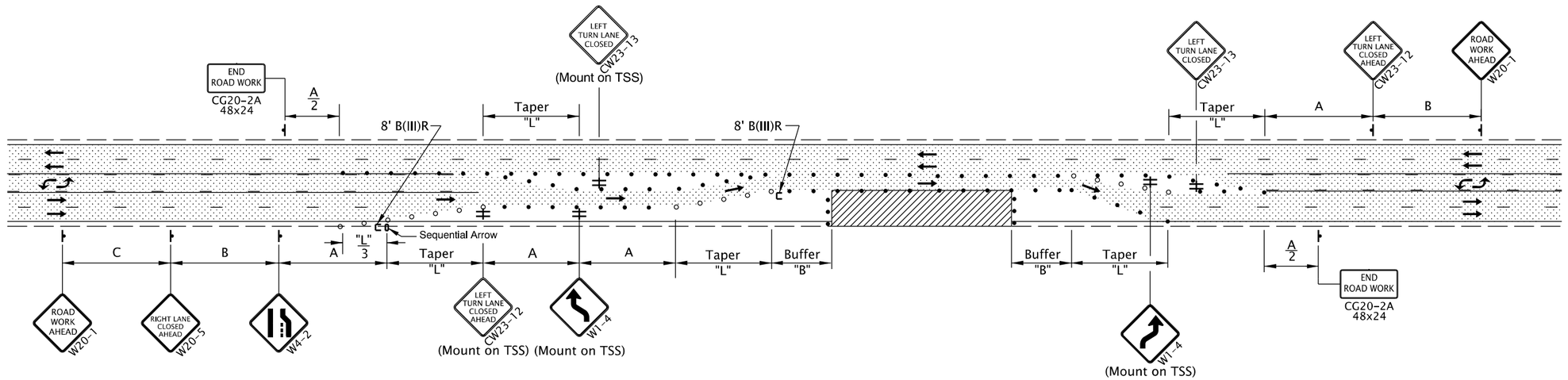
01-JUN-2020

tm852.dgn



4-Lane, 2-Way Roadway

TWO LANE CLOSURE, CROSSOVER



4-Lane, 2-Way Roadway With (TWLTL)

TWO LANE AND MEDIAN CLOSURE

GENERAL NOTES FOR ALL DETAILS:

- Install temporary striping as directed.
- Signing and other TCD shown to be installed in conjunction with the work areas, shall move with the work areas.
- To determine Taper Length ("L") and Buffer Length ("B"), use the "MINIMUM LENGTHS TABLE" on Dwg. No. TM800.
- When the length of the area under construction is less than 600 ft. use a DOUBLE REVERSE CURVE (W24-1) sign in place of the first REVERSE CURVE (W1-4) sign in each direction.
- Install a "BICYCLES ON ROADWAY" (CW11-1) sign in advance of the closure when a bike lane is closed, or when the shoulder is closed and bikes are expected.
- To determine sign spacing A, B, and C, use "TRAFFIC CONTROL DEVICES (TCD) SPACING TABLE" on Dwg. No. TM800.
- Shifting tapers of length "L" recommended for high-speed (>40 mph) roadways; however taper lengths of "L"/2 may be used for low-speed roadways (≤40 mph) or where space is limited.
- Channelization devices may be placed at 10' spacing around the Work Area for emphasis.
- To be accompanied by Dwg. Nos. TM820 & TM821.

• • • 28" Tubular Markers See TCD Spacing Table on TM800 for max. spacing.

○ ○ ○ Temp. Plastic Drums See TCD Spacing Table on TM800 for max. spacing.

UNDER TRAFFIC

UNDER CONSTRUCTION

CALC. BOOK NO. N/A

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SDR DATE 01-JUL-2020

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

OREGON STANDARD DRAWINGS

NON-FREEWAY MULTI-LANE SECTIONS

2021

DATE	REVISION DESCRIPTION

TM852

Effective Date: December 1, 2021 – May 31, 2022