

Pre-Operations Report

Operation Name: Archer's Road

County (%): Tillamook (100%)

Elevation: 492 - 2,252 ft

Legal Description: T1N R6W, Section(s) 19; T1N R7W, Section(s) 16, 17, 19, 20, 21, 22, 24, 30

Tax Code(s): 902

BOF%: 100 **CSL%:** 0

Sale Quarter: 2

I. VOLUME AND VALUE SUMMARY

Table 1. Types, Acres, and Value

Unit	Harvest Type	Anticipated Product ^c	Gross Acres	Net Acres	MBF/ Acre ^a	MBF/ Unit ^a	\$/MBF ^b	\$/Unit
233	CC	RA-S, DF-S	105	93	24.0	2,232	\$300	\$669,600
396	CC	DF-M, RA-L	105	92	24.0	2,208	\$300	\$662,400
410	CC	DF-M, RA-S	148	119	24.0	2,856	\$300	\$856,800
554	CC	DF-S, RA-S	149	120	24.0	2,880	\$300	\$864,000
Total		Regeneration	507	424		10,176		
		Partial Cut	0	0		0		
						Gross Value		\$3,052,800
a. Estimated harvest volume per acre for Unit.						Project Costs		\$323,665
b. Estimated ‘price’ (excluding Project Costs)						Net Value		\$2,729,135
c. Anticipated Product (AA-B-C) – AA) SLI species code of the bid species, B) Size Class (S – small [average DBH < 15], M – medium [average DBH 15 to 23], L – large (average DBH > 23]), C) Special Product (P – Premium, H – Hardwood)								

II. CURRENT STAND CONDITION:

Table 2. Stand Inventory Information

Unit	Stand ID	Measured/Imputed ^a	Species	Age	TPA	DBH	BA	SDI	Net Acres ^b
233	30001	I = 36319	DF,RA	71	247	13	219	61%	29
233	37121	M	RA,DF	69	145	15	174	45%	63
396	30083	M	DF,RA	73	92	19	175	42%	87
396	30089	M	DF,RA	73	104	20	219	51%	4
410	30163	I = 31500	RA,DF	70	160	15	197	51%	1
410	30204	M	DF,RA	70	76	21	180	41%	77
410	30208	M	DF,RA	53	212	12	172	49%	25
410	30210	I = 30283	DF,RA	53	179	15	221	58%	14
410	38634	I = 99999	DF,RA	2	--	--	--	0%	1
554	32053	I = 37126	RA,DF	63	121	16	161	41%	8
554	32816	M	DF,WH	12	--	--	--	0%	1
554	32817	M	DF,RA	12	--	--	--	0%	1
554	37215	I = 31060	DF,RA	68	180	14	189	51%	19
554	37217	M	DF,RA	67	83	19	170	40%	10

554	37219	I = 30114	RA,DF	68	228	14	238	64%	10
554	37220	I = 30776	DF,WH	63	163	16	219	56%	11
554	37224	I = 34206	DF,RA	63	192	14	195	53%	48
554	37226	I = 37195	RA,DF	68	142	15	177	46%	11

- a. Identify the source of stand inventory information. Use the following codes: M = Measured SLI data, I = Imputed SLI data, P = Pre-Cruise Plots, O = other (if other, describe below).
- b. Net Acres have been rounded to the nearest whole acre in this table. Stand that comprise less than one acre of a harvest unit are not reported in this table, so the total “Net Acres” per unit in this table may not equal the total “Net Acres” per unit in table 1.

- These stands were planted and a portion of Unit 554 was commercially thinned in 1993, Unit 396 in 2002, and a portion of Unit 410 in 1998. Unit 233 has no record of pre-commercial or commercial thinning.
- The stand boundary for 38634 is drawn incorrectly. Unit 410 does not include 2-year-old trees. The 1 acre shown in the table for stand 38634 should be included with stand 30204 and is shown as such in the remainder of this document.
- The younger stand ages for 32816 and 32817 reflect the small portion of Unit 554 that were thinned previously. The younger cohorts in these acres will not be targeted for this harvest.

Table 3. Additional Stand Information

Unit	Stand ID	Snags/ Acre ^a	Down Wood/ Acre ^b	Forest Health		
				SNC	Phellinus	Other ^c
233	30001	10	157	Yes	--	--
233	37121	22	39	Yes	--	--
396	30083	11	99	Yes	--	Sprayed Alder
396	30089	7	259	Yes	--	--
410	30163	17	155	Yes	--	--
410	30204	12	1212	Yes	--	Sprayed Alder
410	30208	6	1109	Yes	--	Sprayed Alder
410	30210	19	145	Yes	--	--
554	32053	6	141	Yes	--	--
554	32817	0	1478	Yes	--	--
554	37215	33	651	Yes	--	--
554	37217	13	139	Yes	--	--
554	37219	13	208	Yes	--	--
554	37220	6	79	Yes	--	--
554	37224	12	826	Yes	--	--
554	37226	7	204	Yes	--	--

- a. Identify the number of hard snags per acre (decay classes 1 and 2)
- b. Identify the cubic feet per acre of hard down wood (decay classes 1 and 2)
- c. Describe “Other” forest health issue.

III. WILDLIFE AND T&E SPECIES CONSIDERATIONS:

Foresters need to read the Biological Survey Tracking Form (BSTF) prior to sale layout in order to ensure all T&E related information is understood. (Consult the ODF Wildlife Biologist assigned to the District for the BSTF.)

1. A portion of the operation is within (Check all that apply):

☐ TAS ☐ NSO Circle or Home Range, or Baseline or Elevated Baseline Thiessen (BA required)
☐ MMMA (BA required) ☒ None

2. Are Surveys for NSO being conducted for any portion of this operation?

☐ No ☒ Density Surveys ☐ Operational Surveys ☐ Combination (Density/Operational)

Notes:

3. Are Surveys for MM being conducted for any portion of this operation?

☒ Yes (in progress/completed) ☐ No (Not habitat) ☐ N/A (outside of MM survey zone)

Notes: Portions of Units 233, 396, and 410 are being surveyed in 2023/2024. A portion of Unit 554 will be surveyed in 2024/2025. These surveys expire on 04/01/2030 and 04/01/2031 respectively.

4. Are there any additional considerations (FPA Resource Sites, Species of Concern sites/Plant [from ORBIC¹], big game habitat/management, other)?

☐ No ☒ Yes, please describe: Unit 233 is within the vicinity of a fisher observation (*Pekania pennanti*). Meeting or exceeding leave tree and large diameter downed wood requirements in this unit will help support future use if fisher return to the area. District will consult the Wildlife Biologist prior to sale layout.

IV. DESIRED FUTURE CONDITION AND PRESCRIPTION:

Table 4. Stand Structure Information

Unit	Stand ID	Current	Desired Future	Inside of HCA	Net Acres ^a
233	30001	UDS	GEN	No	29
233	37121	UDS	GEN	No	63
396	30083	UDS	GEN	No	87
396	30089	UDS	GEN	No	4
410	30163	UDS	GEN	No	1
410	30204	UDS	GEN	No	77
410	30208	UDS	GEN	No	25
410	30210	UDS	GEN	No	14
554	32053	UDS	GEN	No	8
554	32817	REG	GEN	No	1
554	37215	UDS	GEN	No	1
554	37217	UDS	GEN	No	19
554	37219	UDS	GEN	No	10

¹ Oregon Biodiversity Information Center
Tillamook District
Approved – June 2024

Unit	Stand ID	Current	Desired Future	Inside of HCA	Net Acres ^a
554	37220	UDS	GEN	No	10
554	37224	UDS	GEN	No	11
554	37226	UDS	GEN	No	48

- a. Net Acres have been rounded to the nearest whole acre in this table. Stand that comprise less than one acre of a harvest unit are not reported in this table, so the total “Net Acres” per unit in this table may not equal the total “Net Acres” per unit in table 1.

Table 5. Partial Cut & HCA Prescriptions (Complete only for Partial Cut and HCA Harvests)

Unit	Harvest Type	Harvest Species	Residual			
			Species	TPA	BA	% SDI
All	CC	--	--	--	--	--

V. HARVESTING AND ACCESS CONSIDERATIONS:

Table 6. Harvest System and Access Summary

Unit	Harvest System		Slope (%)	Area Access	Seasonal Access
	% Cable	% Ground			
233	100	0	48	Established	All Weather
396	100	0	43	Simple	Dry Weather
410	100	0	43	Simple	Combo
554	100	0	57	Simple	All Weather

- Haul Route: Archers, Jordan Creek, Portland Mills, Upper Jordan Ben Smith, C-Line, South Fork.
 - There are no gates on the haul route.
- Haul Route Condition: Haul routes are in excellent condition having been improved/maintained with recent timber sales and will only need grading and spot patching.
- Are easements required for the haul route? ☒ Yes ☐ No
 - Permanent easement on Jordan Creek 311.29374.

Table 7. Transportation Management Summary (Miles)

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	1.24	0.72
Improve, Rock, and/or Maintain	22.23	7.61	9.71	0
Vacate	0	0	0	0
Stream Crossings to install existing (IE)/replace (R)/new construction (NC)				
Type F - SSBT ^a	0	0	0	0
Type F – Non-SSBT	0	0	0	0
Type N	0	0	0	0

- a. Salmon Steelhead and Bull Trout (SSBT)

- Rock Sources for this operation: Archers Pit. C-Line stockpile.
- Are property line surveys required for this operation? ☐ Yes ☒ No

6. Is there planned new road construction planned within RCAs/HCAs? ☐ Yes ☒ No

VI. AQUATIC RESOURCES:

1. Do any streams require additional review for the following?
 - Fish presence ☐ No ☒ Yes
 - Perennial/Seasonal: ☐ No ☒ Yes
 - H.E.R./P.D.F.T: ☐ No ☒ Yes
 - Unknown streams may exist within the sale. Buffers shown on the map indicate where it is believed streams are located. Unknown streams will be verified for fish presence, permanence, and/or type of seasonal stream during sale layout and Geotech review and buffered as required.
2. Is a portion of the operation within an Aquatic Anchor? ☒ No ☐ Yes, name:
3. Are any Points of Diversion (Domestic Water) located downstream within 3,000 feet of Operations? ☐ No ☒ Yes, describe protection measures:
 - Buck Creek is a Type F stream and will receive a 120 foot buffer, which surpasses the requirements for domestic water protection required by the FPA.
4. Is there a Stream Enhancement Project planned? ☒ No ☐ Yes, please describe:

VII. SLOPE STABILITY ISSUES:

Table 8. Summary of Slope Stability Assessment

Unit	Harvest Review Complete?	Public Safety Review Complete?	Additional Comment
233	N	Y	Public safety buffer not finalized
396	N	Y	
410	N	Y	
554	N	Y	

- **Geotech Review:** Initial geotechnical reviews have been completed and those findings have been incorporated into No Harvest buffers. Some slope protections are dependent on stream surveys that have not yet been completed. Consultation with the Geotechnical Specialist is required during sale layout as streams surveys are completed in order to determine if additional protections are required.
- Units 223 and 554 contain steep slopes above the Wilson River Hwy or above adjacent streams proximal to the highway. There is one location on unit 233 which will need a wind firm leave tree (buffer) area for public safety. Foresters will evaluate stand and topographic conditions to determine a site appropriate for this buffer area.

VIII. RECREATION RESOURCES:

1. Recreation issues/coordination: ☐ No ☒ Yes, please describe:
 - Bat Bridge Trail and Morrels Maze Trail are within sale area #410. Endless Bummer Trail is within sale area #396. The Marketing Unit and Roads Unit will work closely with the Recreation Program

during sale layout, contract writing, and sale administration to minimize impact to Morrels Maze Trail, re-establish trail post-harvest, and mitigate public use safety concerns.

- Bat Bridge Trail has been determined by the Recreation Program to not meet trail sustainability goals and will be vacated with timber sale.
- Planned road construction heavily impacts Endless Bummer Trail. Endless Bummer Trail has been determined by Recreation Program to not meet trail connectivity goals and will be vacated with timber sale.

IX. HISTORIC AND CULTURAL RESOURCES:

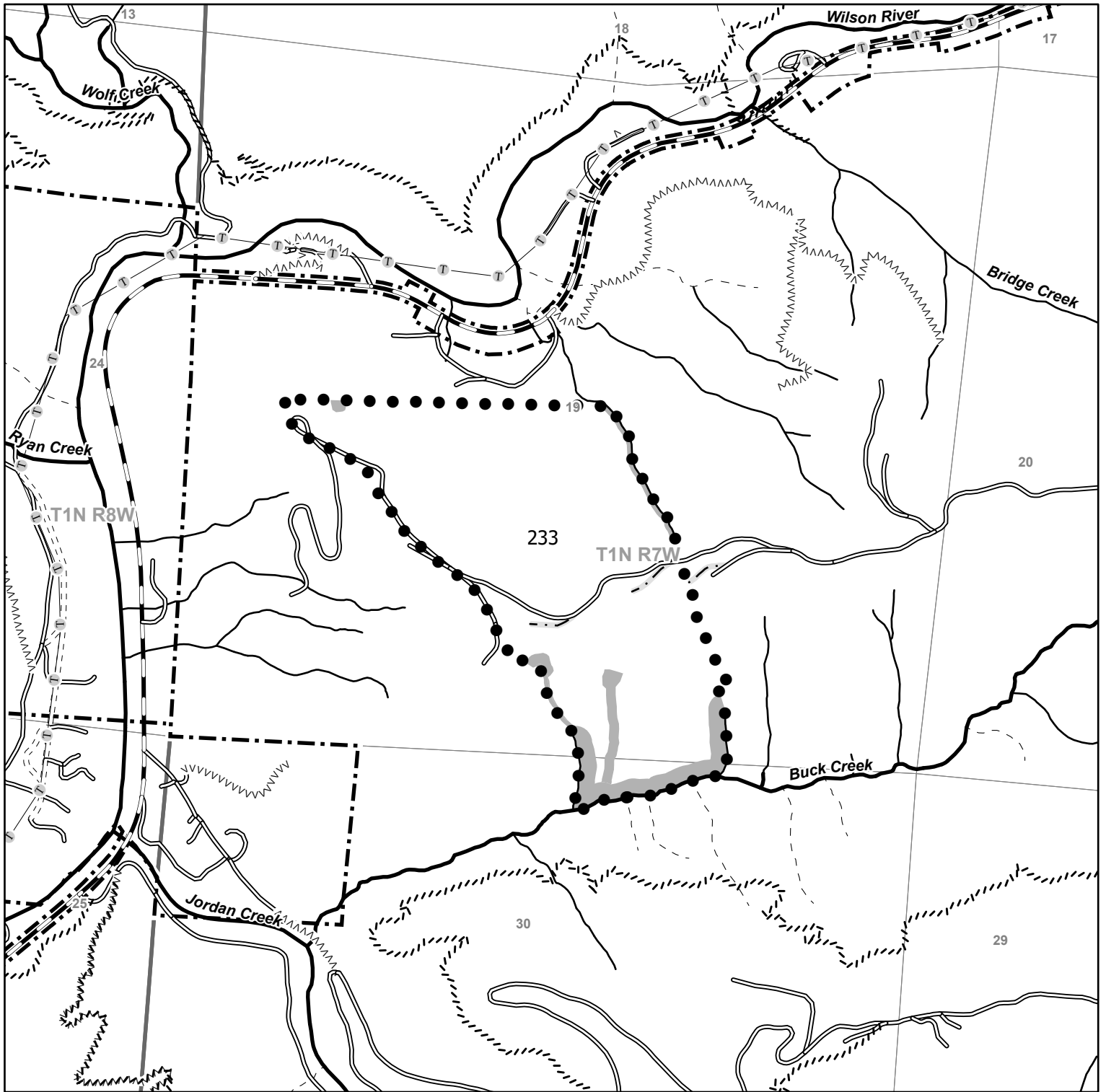
1. Has the sale been reviewed by a qualified archaeologist for potential historic or cultural resource presence?
☒ Yes ☐ No

X. SCENIC RESOURCES:

1. Are there scenic resources in the vicinity of this operation that need additional consideration? ☐ No ☒ Yes, please describe:
 - Portions of Units 233 and 554 will be visible from Highway 6 (Level 1 Visual Classification) and this will be taken into account when determining green tree retention strategies.

XI. OTHER RESOURCE CONSIDERATIONS:

1. Has a review of the FLMCS layer determined that any resources not mentioned in the report above need additional planning? ☒ No ☐ Yes
2. Are there any other resources present that need additional consideration? ☐ No ☒ Yes, please describe: Units 410 and 554 include some acres currently shown as “No Harvest – Other.” These are temporary buffers and attempt to account for potential unverified streams that are likely to exist in the field, as well as to indicate that these units will not exceed 120 acres. There are multiple streams within the sale that require stream surveys. Depending on the results of these surveys the acreage of the sale may drop below 120 acres. Additionally, for Unit 554, some of these acres have much lower levels of stocking and are shown as “No Harvest -Other”. These areas will be available for harvest, or to yard through, if determined to be appropriate during layout.



FY 2025 - Tillamook District

Archer's Road

Portions of Section(s) 19, T1N, R6W; Sections 16, 17, 19, 20, 21, 22, 24, 30, T1N, R7W W.M. Tillamook County

State Forest Division
02/16/2024

This product is for informational use and may not have been prepared for or be suitable for legal, engineering or survey purposes. Variations may exist between and among data sets in use by the Department of Forestry.

This map was developed using the Statewide Stream layer layer.

1:12,000

1,000 500 0 1,000 Feet

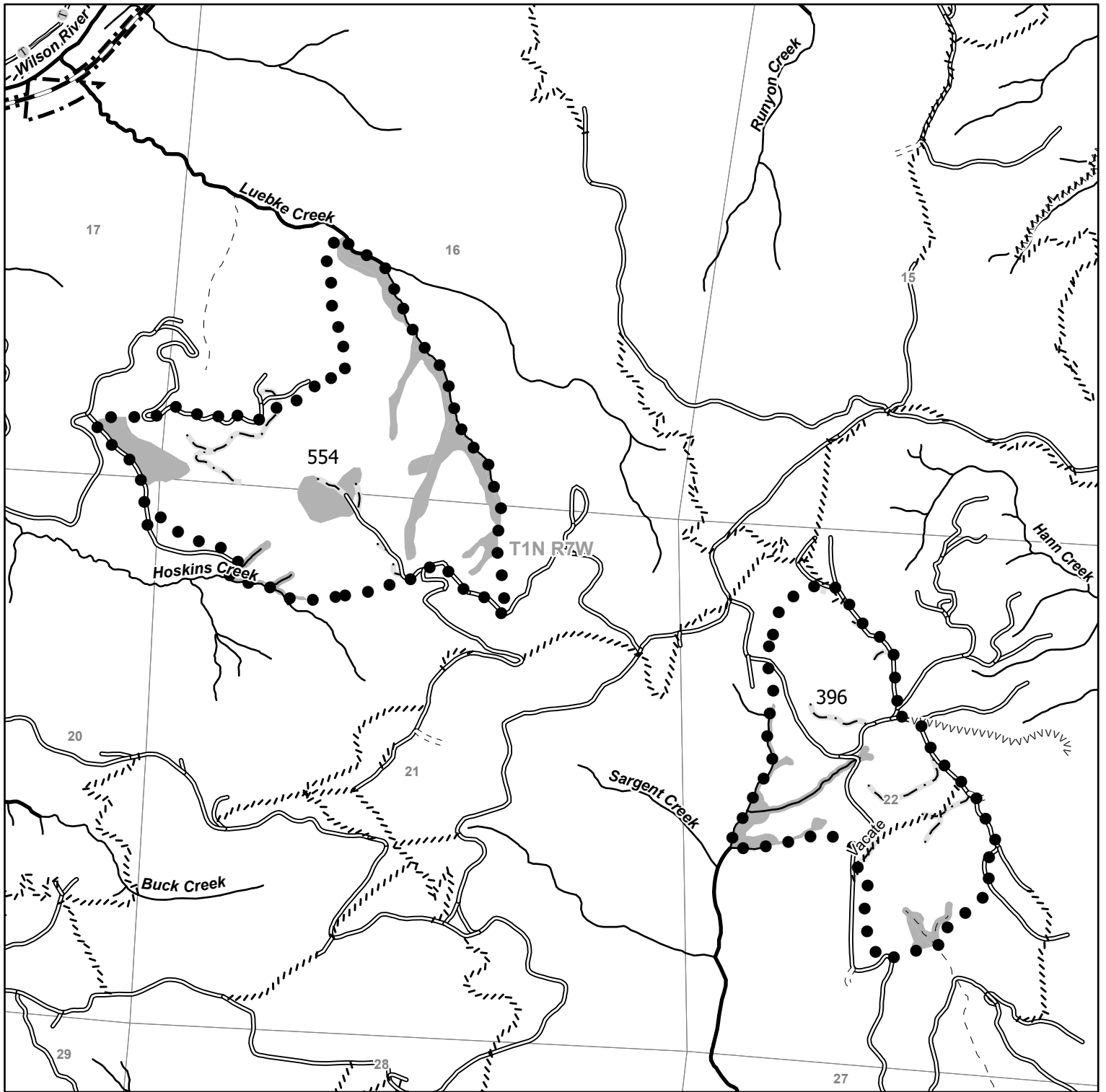
Legend

- Sale Boundary
- T Transmission Lines
- Recreation Trails
- Paved
- Surfaced
- Unsurfaced
- vvvv Abandoned or vacated
- New Road Construction
- Perennial Fish Stream
- Perennial Nonfish Stream
- Unknown Streams
- No Harvest Area
- No Harvest - Existing Road; New Construction
- Ownership Boundary

Unit 233	93	Acres (CC)
Unit 396	92	Acres (CC)
Unit 410	119	Acres (CC)
Unit 554	120	Acres (CC)

Total 424 Acres





FY 2025 - Tillamook District

Archer's Road

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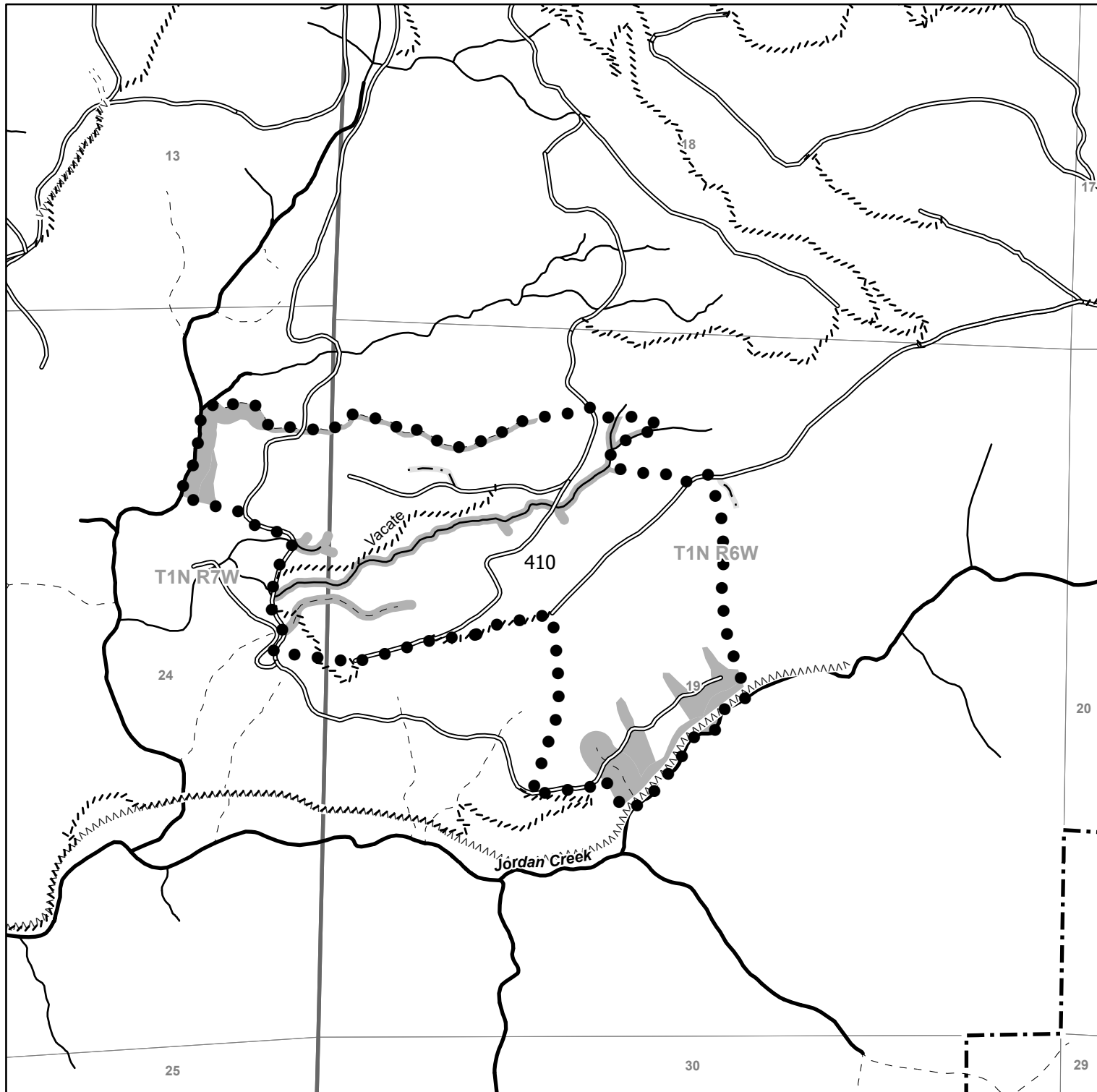
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FY 2025 - Tillamook District

Archer's Road

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