

SP00295 (Special Provisions for the 2021 Book) (Bidding on or after: ~~1209-01-230~~
Last updated: ~~0608-0219-230~~

This Section requires Pollution Liability Insurance in 00170.70. This Section requires asbestos liability insurance in 00170.70 if materials containing more than 1% asbestos will be disturbed.)

SECTION 00295 - ASBESTOS MATERIALS

(Follow all instructions and make all edits with "Track Changes" turned on. This Section is not published in the Oregon Standard. If there are no instructions [orange text] above a subsection, paragraph, sentence, or bullet, then include it in the project, unless the item(s) that are included in the subsection, paragraph, sentence, or bullet are not required on the Project and then they should be deleted. In general do not re-number or re-letter subsections when item(s) are deleted. Delete all orange text before preparing the final document. All other modifications to this Section will require ODOT Technical Resource and State Specifications Engineer approval.)

Section 00295, which is not a Standard Specification, is included in this Project by Special Provision.

Description

(Use the following subsection .00 when one or more structures on the project were inspected for asbestos and the asbestos inspection report indicates that asbestos was NOT found. Fill in the blanks with the names of the structures that were inspected, the date, and the name of the report that will be available from the Engineer. Delete the language in orange parentheses that does not apply and delete all orange parentheses. Do not include any of the language from subsections .03, .30, .40, .80 and .90. Obtain information on the asbestos inspection report from the Regional HazMat Coordinator.)

00295.00 Scope - (An asbestos survey was)(Asbestos surveys were) performed on _____ that will be repaired or demolished for this Project. No asbestos-containing materials (ACMs) were identified on the inspected structure(s). The _____ ODOT report, titled _____ documenting the asbestos survey(s) within the Project is available from the Engineer. Maintain a copy of this report and all additional asbestos survey results on site at all times and readily available to employees and inspectors during demolition and repair activities.

(Use the following subsection .00 when asbestos removal is required.)

00295.00 Scope - In addition to the requirements of Section 00290, remove asbestos according to the following Specifications.

Remove asbestos from the following locations in Table 00295-1:

(Fill in the table with the required location, material, quantity, percent, and friable/non-friable information. Add or delete rows as needed.)

Table 00295-1

Location/Address	Material Description	Quantity (ft. or sq.ft.)	Percent Asbestos	Friable or Non-Friable

(Use the following Table 00295-2 when suspected asbestos containing material is identified)

The materials listed in Table 00295-2 were not sampled.

Table 00295-2

<u>Location/Address</u>	<u>Material Description</u>	<u>Quantity (ft. or sq.ft.)</u>	<u>Friable or Non-Friable</u>

(Fill in the blanks with the date and name of report that will be available from the Engineer.)

The _____ ODOT report, titled _____ documenting the asbestos identified within the Project is available from the Engineer. Maintain a copy of this report and all additional asbestos survey results on site at all times and readily available to employees and inspectors during demolition and repair activities.

Add the following subsection:

00295.01 Definitions:

Asbestos Containing Material (ACM) - Any material containing more than 1% asbestos.

00295.03 Submittals - The following forms and reports are required:

(Use the following bullet on projects with suspect asbestos containing material.)

- Asbestos survey report documenting sample locations and analytical results according to Oregon Administrative Rule (OAR) 340-248-0270 (3)(d).

(Use the following bullet on projects that will disturb materials that contain more than 1% friable asbestos fibers and cover more than 3 square feet.)

- Completed and signed DEQ Project Notification Form and an abatement plan to Agency and DEQ at least 10 Calendar Days before beginning friable asbestos removal.

(Use the following bullet on projects that will disturb materials that contain more than 1% non-friable asbestos fibers and cover more than 3 square feet.)

- Completed and signed DEQ Notice for Removal of Non-Friable Asbestos to Agency and DEQ at least 5 Calendar Days before beginning non-friable asbestos removal.

(Use the following bullet on projects that will disturb materials that contain more than 1% asbestos fibers, regardless of the quantity or condition of the material.)

- Completed and signed DEQ Waste Shipment Report Form according to the following:
 - Send the form along with the asbestos waste to the disposal facility.
 - Provide a copy of the form to the Engineer within 48 hours of transportation of the asbestos waste.
 - Obtain the final signed form from the disposal facility along with the disposal receipts and submit them to the Engineer within 3 Calendar Days after receiving them from the waste disposal facility.

(Use the following bullet on projects that will disturb materials, in buildings or other enclosed spaces, that contain more than 1% asbestos fibers and cover more than 3 square feet.)

- Completed and signed DEQ Air Clearance Sample Results form to the Agency and DEQ within 30 Calendar Days after completing the asbestos removal.

(Use the following bullet on projects that will disturb materials that contain 1% or less asbestos.)

- Disposal receipts within 72 hours of receipt from the waste disposal facility.

(If none of the conditions are met below, delete the "Labor" heading and the entire subsection .30.)

Labor

00295.30 Personnel Qualifications - Provide employees meeting the following requirements:

(Use the following three bullets on projects that will disturb materials that contain more than 1% friable or damaged asbestos fibers and covers more than 3 square feet.)

- A current Oregon DEQ Asbestos Abatement Contractor license.

- A current Oregon DEQ Certified Supervisor meeting the requirements of OAR 340-248-0130.
- Current Oregon DEQ Certified asbestos workers meeting the requirements of OAR 340-248-0130

(Use the following bullet on projects that will disturb materials that contain more than 1% non-friable, undamaged asbestos fibers and covers more than 3 square feet, and when there is non-friable asbestos pipe.)

- A current Oregon DEQ Certified Supervisor meeting the requirements of OAR 340-248-0130.

Ensure the DEQ Certified Supervisor is on site and overseeing work whenever asbestos containing materials are disturbed or removed.

(Use the following bullet on projects that will include follow-up bulk asbestos sampling)

- A current AHERA Inspector Training Certification according to 40 CFR 763, Part 763, Appendix C - TSCA Tile II

(Use the following bullet on projects that will disturb materials that contain more than 1% friable and non-friable asbestos fibers and covers less than 3 square feet.)

- Workers trained according to 29 CFR 1926.1101.

(Use the following paragraph when a Certified Supervisor is required.)

When a DEQ Certified Supervisor is required, ensure the supervisor is on site and overseeing the work whenever asbestos materials are disturbed or removed.

Materials Testing

00295.35 Testing of Suspect Asbestos Containing Material - When additional testing is needed for suspected ACM listed in Table 00295-2, complete the following with an Asbestos Hazard Emergency Response Act (AHERA) Inspector prior to removal of material listed in the Table 00295-2:

- Collect at least 2 samples of each material listed in the Table 00295-2 to determine if asbestos is present.
- Submit samples to a National Voluntary Laboratory Accreditation Program (NVLAP) certified laboratory for analysis by polarized light microscopy (PLM) following EPA Method 600/R-93/116.
- Submit the laboratory test results to Engineer for review.

If asbestos is detected in any material sample then all similar material are considered asbestos containing material and all similar materials are to be removed according to 00295.40.

Construction

00295.40 Asbestos Removal - Comply with 29 CFR 1910, 29 CFR 1926.1101, 40 CFR 61, 40 CFR 763, OAR 340-248, ORS 468A and the following:

(Use the following bullet on projects that will disturb materials that have more than 3 square feet of friable and non-friable asbestos, regardless of concentration.)

- Before beginning asbestos removal work, sign and submit all notifications and pay all fees to DEQ. Provide copies to the Engineer.

(Use the following three bullets on projects that will disturb materials that have friable and non-friable asbestos, regardless of amount or concentration.)

- Complete and sign all manifests and bill-of-lading forms for transporting and disposing the ACM.
- Maintain the ACM in an undamaged and non-friable condition by keeping the material wet during demolition or by using methods approved by DEQ.
- Keep material sealed during transport to the disposal facility. Transport and dispose of all ACM according to OAR 340-248-280 and OAR 340-248-290.

(Use the following bullet on projects that will disturb materials, in buildings or other enclosed spaces, that contain more than 1% friable and non-friable asbestos fibers.)

- Conduct final clearance air monitoring according to OAR 340-248-0270(13), with a contractor that is National Institute of Occupational Safety and Health (NIOSH) 582 certified and is financially independent from the abatement contractor.

(Use the following bullet on projects that have non-friable asbestos pipe.)

- Do not crush asbestos containing pipe and do not cut or break each pipe section into more than 3 pieces.
- Handle asbestos containing pipe according to the DEQ Publications *Asbestos Advisory for those who work with AC Water Pipe* and *How to Remove Asbestos (AC) Water Pipe – A Guide for Meeting DEQ Rules*.

(Use the following bullet on projects that will disturb materials that contain 1% or less friable and non-friable asbestos and, covers more than 3 square feet.)

- Remove and dispose of the materials identified as having less than 1% asbestos according to 29 CFR 1926.1101, where that regulation refers to "asbestos" rather than "asbestos containing material" or "ACM".

Measurement

00295.80 Measurement - The quantities of removing asbestos containing materials will be measured on either the length basis or the area basis.

No measurement of quantities will be made for bulk asbestos sampling, analytical testing, and reporting.

(Use the following paragraph when there are materials containing 1% or less asbestos.)

Materials containing 1% or less asbestos will not be measured.

(Use the following paragraph when there is less than 3 square feet of asbestos.)

Materials containing asbestos that cover less than 3 square feet will not be measured.

Payment

00295.90 Payment - The accepted quantities of Work performed under this Section will be paid for at the Contract unit price, per unit of measurement, for the following item(s):

(Delete Pay Item(s) from the list that are not included in the Schedule of Items, but do not change the alpha characters next to the Pay Items.)

<u>Pay Item</u>	<u>Unit of Measurement</u>
<u>(a) Remove Asbestos Material,</u>	<u>Foot</u>
<u>(b) Remove Asbestos Material,</u>	<u>Square Foot</u>

(Use the following paragraph when additional asbestos sampling is needed)

(c) Bulk asbestos sampling, analytical testing, and reporting Lump Sum
~~The accepted quantities of removing asbestos containing Materials will be paid for at the Contract unit price per foot or square foot, as appropriate, for the item "Remove Asbestos Material, _____".~~

In item (a) and (b), T the type of Material will be inserted in the blank.

Payment will be payment in full for furnishing all Equipment, labor, and Incidentals necessary to complete the Work as specified.

(Use the following paragraph when there are materials containing 1% or less asbestos.)

No separate or additional payment will be made for materials containing 1% or less asbestos.

(Use the following paragraph when there is less than 3 square feet of asbestos.)

No separate or additional payment will be made for asbestos covering less than 3 square feet.