

**SPECIAL PROVISIONS
FOR HIGHWAY CONSTRUCTION**

**OREGON DEPARTMENT OF TRANSPORTATION
SALEM, OREGON**

ROCK PRODUCTION

I-84: D12 MEACHAM AREA ROCK PRODUCTION 2012

OLD OREGON TRAIL HIGHWAY

UNION COUNTY

AUGUST 2012


OREGON DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISIONS

FOR

Rock Production
I-84: D12 Meacham Area Rock Production 2012
Old Oregon Trail Highway
Union County

PROFESSIONAL OF RECORD CERTIFICATION(s):

<p>Seal w/signature</p>  <p>REGISTERED PROFESSIONAL ENGINEER 85,252 OREGON JUNE 1, 2011 WILLIAM CLARK RENEWS: 12-31-2013</p>	<p>I certify the Special Provision Section(s) listed below are applicable to the design for the subject project for Rock Production . Modified Special Provisions were prepared by me or under my supervision.</p> <p>Section 00210, 00280, 00680, 02630</p>
<p>Date Signed: _____</p>	

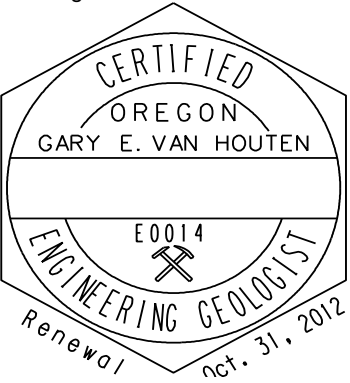
OREGON DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISIONS

FOR

Rock Production
I-84: D12 Meacham Area Rock Production 2012
Old Oregon Trail Highway
Union County

PROFESSIONAL OF RECORD CERTIFICATION(s):

<p>Seal w/signature</p>  <p>The seal is a circular emblem with a hexagonal border. At the top, it says 'CERTIFIED OREGON'. Below that is the name 'GARY E. VAN HOUTEN'. In the center, there is a hammer and pickaxe icon with the number 'E0014' above it. At the bottom, it says 'ENGINEERING GEOLOGIST'. Along the bottom edge, it says 'Renewal Oct. 31, 2012'.</p>	<p>I certify the Special Provision Section(s) listed below are applicable to the design for the subject project for Rock Production. Modified Special Provisions were prepared by me or under my supervision.</p> <p>Section 00235</p>
<p>Date Signed: _____</p>	

SECTION 00150 - CONTROL OF WORK

Comply with Section 00150 of the Standard Specifications modified as follows:

00150.35(c) Number and Size of Drawings - Replace this subsection, except for the subsection number and title, with the following:

The Contractor shall submit Working Drawings according to one of the following methods:

(1) Paper Submittal - For paper submissions, submit seven copies of Working Drawings for steel Structures and six copies of Working Drawings for other Structures to the Engineer. The submitted copies shall be clear and readable. Drawing dimensions shall be 8 1/2 inches by 11 inches, 11 inches by 17 inches, or 22 inches by 36 inches in size. One copy of the submitted Working Drawings will be returned to the Contractor after processing. The Contractor shall submit such additional number of copies to the Engineer for processing that the Contractor would like to have returned.

(2) Electronic Submittal - For electronic submissions, submit Working Drawings according to the "Guide to Electronic Shop Drawing Submittal" which is available from the Engineer.

00150.35(d-1) Stamped Working Drawings - Replace the sentence with the following sentence:

Stamped Working Drawings will be designated as "reviewed" or "reviewed with comments" by the Engineer.

00150.35(d-2) Unstamped Working Drawings - Replace the sentence with the following sentence:

Unstamped Working Drawings will be designated on the face of the Drawing, as "approved", "approved as noted", or "returned for correction" by the Engineer.

00150.40 Cooperation and Superintendence by the Contractor - Replace this subsection, except for the subsection number and title, with the following:

The Contractor is responsible for full management of all aspects of the Work, including superintendence of all Work by Subcontractors, Suppliers, and other providers. The Contractor shall appoint a single Superintendent and may also appoint alternate Superintendents as necessary to control the Work. The form of appointment of the alternate shall state, in writing, the alternate's name, duration of appointment in the absence of the Superintendent, and scope of authority. The Contractor shall:

- Provide for the cooperation and superintendence on the Project by:
 - Furnishing the Engineer all data necessary to determine the actual cost of all or any part of the Work, added Work, or changed Work.
 - Allowing the Engineer reasonable access to the Contractor's books and records at all times. To the extent permitted by public records laws, the Engineer will make reasonable efforts to honor the Contractor's request for protection of confidential information.

- Keeping one complete set of Contract Documents on the Project Site at all times, available for use by all the Contractor's own organization, and by the Engineer if necessary.
- Appoint a single Superintendent and any alternate Superintendent who shall meet the following qualifications:
 - Appointees shall be competent to manage all aspects of the Work.
 - Appointees shall be from the Contractor's own organization.
 - Appointees shall have performed similar duties on at least one previous project of the size, scope and complexity as the current Contract.
 - Appointees shall be experienced in the types of Work being performed.
 - Appointees shall be capable of reading and thoroughly understanding the Plans and Specifications.
- The appointed single Superintendent, or any alternate Superintendent shall:
 - Be present for all On-Site Work, regardless of the amount to be performed by the Contractor, Subcontractors, Suppliers, or other providers, unless the Engineer provides prior approval of the Superintendent's or alternate Superintendent's absence.
 - Be equipped with a two way radio or cell phone capable of communicating throughout the project during all the hours of Work on the Project Site and be available for communication with the Engineer.
 - Have full authority and responsibility to promptly execute orders or directions of the Engineer.
 - Have full authority and responsibility to promptly supply the Materials, Equipment, labor, and Incidentals required for performance of the Work.
 - Coordinate and control all Work performed under the Contract, including without limitation the Work performed by Subcontractors, Suppliers, and Owner Operators.
 - Diligently pursue progress of the Work according to the schedule requirements of Section 00180.
 - Cooperate in good faith with the Engineer, Inspectors, and other contractors in performance of the Work.
 - Provide all assistance reasonably required by the Engineer to obtain information regarding the nature, quantity, and quality of any part of the Work.
 - Provide access, facilities and assistance to the Engineer in establishing such lines, grades and points as the Engineer requires.
 - Carefully protect and preserve the Engineer's marks and stakes.

Any Superintendent or alternate Superintendent who repeatedly fails to follow the Engineer's written or oral orders, directions, instructions, or determinations, shall be subject to removal from the project.

If the Contractor fails or neglects to provide a Superintendent, or an alternate Superintendent, and no prior approval has been granted, the Engineer has the authority to suspend the Work according to 00180.70. Any continued Work by the Contractor, Subcontractors, Suppliers, or other providers may be subject to rejection and removal. The Contractor's repeated failure or neglect to provide the superintendence required by these

provisions constitutes a material breach of the Contract, and the Engineer may impose any remedies available under the Contract, including but not limited to Contract termination.

00150.50 Cooperation with Utilities - Add the following subsection:

(f) Utility Information:

There are no anticipated conflicts with the Utilities listed below. Contact those Utilities having buried facilities and request that they locate and mark them for their protection prior to construction.

Utility	Contact Person's Name and Phone Number
1. Bonneville Power Administration 22 Pasco-Kahlotus Road Pasco, WA 99301	Sandra Billings Realty Specialist (509) 542-5454 (Office) (509) 318-3324 (Cell)
Notify Bonneville Power Administration (BPA) at least 14 calendar days prior to starting any work on this project.	
Energized transmission power lines may overhang portions of the Work with a minimum vertical clearance of 20 feet.	
Maintain a minimum vertical distance of 20 feet between any construction equipment or vehicles and the transmission line conductors (wires).	
Keep access to all BPA structures open and unobstructed at all times.	
Maintain a minimum horizontal clearance of 50 feet between all construction equipment and the point where steel lattice tower legs, wood poles, steel poles, concrete poles, concrete foundation and guy wires enter the earth.	
Storage of flammable materials is not allowed on BPA right of way.	
No refueling of equipment or vehicles is allowed on BPA right of way.	
2. Helix Telephone Company P.O. Box 326 200 Concord Helix, OR 97835	Tim Smith (541) 457-2385 (Office) (541) 379-0055 (Cell)
3. Chevron Pipeline 2900 Sacajawea Park Road Pasco, WA 99301	Yantzee Everett Pipeline Operator/Facility Inspector (509) 543-6116 (Office) (509) 430-4534 (Cell)

This Project is located within the Oregon Utility Notification Center area which is a Utilities notification system for notifying owners of Utilities about Work being performed in the vicinity of their facilities. The Utilities notification system telephone number is 811 (or use the old number which is 1-800-332-2344).

SECTION 00160 - SOURCE OF MATERIALS

Comply with Section 00160 of the Standard Specifications.

00160.40 Agency-Furnished Sources - Replace this subsection, except for the subsection number and title, with the following:

Agency-Furnished Sources for this Project are listed in Section 00235 of these Special Provisions.

SECTION 00165 - QUALITY OF MATERIALS

Comply with Section 00165 of the Standard Specifications modified as follows:

00165.10(a) Field Tested Materials - Replace the words "Procurement Office - Construction, Contractor Plans" with the words "Procurement Office - Construction Contracts Unit".

00165.10(b) Nonfield Tested Materials - Replace the words "Procurement Office - Construction, Contractor Plans" with the words "Procurement Office - Construction Contracts Unit".

SECTION 00180 - PROSECUTION AND PROGRESS

Comply with Section 00180 of the Standard Specifications modified as follows:

00180.21(d) Terms of Subcontracts - Replace this subsection, except for the subsection number and title, with the following:

Subcontracts shall provide that work performed under the subcontract shall be conducted and performed according to the terms of the Contract. All subcontracts, including Contractor's with the first-tier Subcontractors and those of the first-tier Subcontractors with their subcontractors, and any other lower tier subcontracts shall contain a clause or condition that if the Contractor or a Subcontractor fails, neglects, or refuses to make payment to an Entity furnishing labor or Materials in connection with the Contract, the Entity may file a complaint with the Construction Contractors Board, unless payment is subject to a good-faith dispute as defined in ORS 279C.580. Additionally, according to the provisions of ORS 279C.580, subcontracts shall include:

(1) A payment clause that obligates the Contractor to pay the first-tier Subcontractor for satisfactory performance under the subcontract within 10 Calendar Days out of amounts the Agency pays to the Contractor under the Contract.

(2) A clause that requires the Contractor to provide the first-tier Subcontractor with a standard form that the first-tier Subcontractor may use as an application for payment or

as another method by which the Subcontractor may claim a payment due from the Contractor.

(3) A clause that requires the Contractor, except as otherwise provided in this subsection, to use the same form and regular administrative procedures for processing payments during the entire term of the subcontract. The Contractor may change the form or the regular administrative procedures the Contractor uses for processing payments if the Contractor:

- Notifies the Subcontractor in writing at least 45 Calendar days before the date on which the Contractor makes the change; and
- Includes with the written notice a copy of the new or changed form or a description of the new or changed procedure.

(4) An interest penalty clause that obligates the Contractor, if the Contractor does not pay the first-tier Subcontractor within 30 Calendar Days after receiving payment from the Agency, to pay the first-tier Subcontractor an interest penalty on amounts due in each payment the Contractor does not make in accordance with the payment clause included in the subcontract under 00180.21(d-1). The Contractor or first-tier Subcontractor is not obligated to pay an interest penalty if the only reason that the Contractor or first-tier Subcontractor did not make payment when payment was due is that the Contractor or first-tier Subcontractor did not receive payment from the Agency or the Contractor when payment was due. The interest penalty applies to the period that begins on the day after the required payment date and ends on the date on which the amount due is paid; and shall be computed at the rate specified in 00170.10(c).

(5) A clause that requires the Contractor's first-tier Subcontractor to include a payment clause and an interest penalty clause that conform to the standards of ORS 279C.580 (see 00180.21(d-1) and 00180.21(d-4)) in each of the first-tier Subcontractor's subcontracts and to require each of the first-tier Subcontractor's subcontractors to include such clauses in their subcontracts with each lower-tier subcontractor or Material supplier.

These payment clauses shall require the Contractor to return all retainage withheld from the Subcontractor, whether held by the Contractor or the Agency, as specified in 00195.50(d).

As required by ORS 279C.800 through ORS 279C.870, subcontracts shall include:

- A provision requiring the subcontractor to have a public works bond filed with the Construction Contractors Board before starting Work on the Project, unless exempt.
- A provision requiring that the workers shall be paid not less than the specified minimum hourly rate of wage.

Add the following subsection:

00180.21(g) Mentor-Protégé Agreement - If the Contractor enters into a subcontract with an Emerging Small Business (ESB) subcontractor, the Agency may offer the Contractor and its ESB subcontractor an opportunity to enter into a project specific Mentor-Protégé Agreement.

The project specific Mentor-Protégé Agreement will be paid for and specified by Change Order.

00180.40(b) On-Site Work - Add the following paragraph to the end of the subsection:

The Contractor shall not begin On-Site Work before August 24, 2012 unless approved by the Engineer.

Add the following subsection:

00180.40(c) Specific Limitations - Limitations of operations specified in these Special Provisions include, but are not limited to, the following:

Limitations	Subsection
Cooperation with Utilities	00150.50
Contract Completion Time	00180.50(h)

Be aware of and subject to schedule limitations in the Standard Specifications that are not listed in this subsection.

00180.41 Project Work Schedules - After the paragraph that begins "Contractor's activity..." add the following paragraphs:

The Contractor shall submit a supplemental "look ahead" Project Work schedule each week to the Engineer. The "look ahead" Project Work schedule is supplemental to the Type A, B, or C schedule specified below. The supplemental "look ahead" Project Work schedule shall:

- Identify the sequencing of activities and time required for prosecution of the Work.
- Provide for orderly, timely, and efficient prosecution of the Work.
- Contain sufficient detail to enable both the Contractor and the Engineer to plan, coordinate, analyze, document, and control their respective Contract responsibilities.

The supplemental "look ahead" Project Work schedule shall be written in common terminology and show the planned Work activities broken down into logical, separate activities by area, stage, and size and include the following information:

- The resources the Contractor, subcontractors, or services will use.
- The locations of each activity that will be done including the limits of the work by mile posts, stations, or other indicators.
- The time frames of each activity by Calendar Days, shifts, and hours.
- All anticipated shoulder, lane, and road closures.

At a minimum, the Contractor shall prepare a bar chart that:

- Shows at least three weeks of activity including the week the bar chart is issued.
- Uses a largest time scale unit of one Calendar Day. Smaller time scale units may be used if needed.
- Is appropriate to the activities.
- Identifies each Calendar Day by month and day.

Include the Contract name, Contract number, Contractor's name, and date of issue on each page of the bar chart.

The Contractor shall submit the supplemental "look ahead" Project Work schedule starting at First Notification and continuing each week until Second Notification has been issued and all punch list items and final trimming and clean up has been completed. The Contractor shall meet with the Engineer each week to review the supplemental "look ahead" Project Work schedule. If the Engineer or the Contractor determines that the current supplemental "look ahead" Project Work schedule requires changes or additions, either notations can be made on the current schedule or the Engineer may require the submittal of a revised supplemental "look ahead" Project Work schedule. Review of the current and subsequent supplemental "look ahead" Project Work schedules does not relieve the Contractor of responsibility for timely and efficient execution of the Contract.

In addition to the "look ahead" Project Work schedule, a Type A schedule as detailed in the Standard Specifications is required on this Contract.

00180.50(h) Contract Time - Complete all Work to be done under the Contract not later than November 30, 2012.

00180.85(b) Liquidated Damages - Add the following paragraph:

The liquidated damages for failure to complete the Work on time required by 00180.50(h) will be \$600 per Calendar Day *.

- Calendar Day amounts are applicable when the Contract time is expressed on the Calendar Day or fixed date basis.

SECTION 00210 - MOBILIZATION

Comply with Section 00210 of the Standard Specifications.

SECTION 00235 - AGENCY PROVIDED MATERIAL SOURCES AND DISPOSAL SITES

Section 00235, which is not a Standard Specification, is included in this Project by Special Provision.

Description

00235.00 Scope - This work consists of utilizing Agency provided prospective or mandatory material sources and prospective or mandatory disposal sites as the Contractor elects or as required for the construction of the Contract.

00235.01 Material Source Specific Requirements - The following prospective material source(s), for the production of for all the aggregates products for this Project, that may warrant investigation and consideration for use by the Contractor on this Project is (are) as follows:

Meacham Quarry

- **Source Number** – OR-30-015-5

- **DOGAMI Number** – 30-0018
- **Location** – Approximately .1 miles north of Meacham, OR on the old US 30 highway accessed by The Old Oregon Trail Highway (Hwy #006) and east of MP 237.31 in the NE ¼ of Section 3, T. 1S, R. 35E., and S 1/2 off Section 34, T. 1N., R. 35E., W.M.
- **Access** – Adjacent east of the old US 30 highway accessed from The Old Oregon Trail Highway (Hwy #006), and approximately 300 feet east on County gravel road (USFS Rd. 3030) at the ODOT Sand Shed.
- **Available Area for Equipment Setup, Stockpiling, and Processing Aggregate:**
 - **Existing** – 55.5 acres
 - **Development** - .25 acre

If the contractor elects not to utilize the above listed source(s) 00160.60 applies.

00235.03 Laws - Conduct operations within the material source/disposal site according to all applicable State, county, and federal laws including mining and fire laws. Provide, operate, and maintain wildland fire fighting equipment appropriate for the current fire levels on-site at all times during all material source/disposal site operations.

00235.04 Permits - Copies of the Department of Geology and Mineral Industries (DOGAMI) Permit and the material source narrative for the material sources are available for inspection at the Project Manager's office. The Contractor shall examine and become familiar with all documents. Operations within the material source/disposal site shall conform to the stipulations and conditions of these documents and to all of the requirements of the development plan and these Special Provisions.

00235.05 Pre-Work Meeting - Before occupying the material sources/disposal sites, hold a pre-work meeting at each material source/disposal site. Include the following owners or representatives at each meeting:

- Engineer
- ODOT Project Geologist or Engineering Geologist

Coordinate material source occupancy with the Engineer. The material source project boundary, excavation area, access road, safety berm(s), stockpile area(s), equipment and processing area, shall be as shown and as staked. Do not operate beyond the material source boundary, Project boundary or no work area(s) as shown and as staked unless otherwise directed.

00235.06 Source Development - Provide all proposed development plan and specification changes in writing and obtain written approval before making changes to the material source project boundary, excavation area and clearing limits, access road(s), safety berm(s), stockpile area(s), equipment and processing area.

Develop a site-specific Erosion and Sediment Control Plan for each material source according to 00280.02 and submit it to the Engineer at or before the pre-work meeting. Construct storm-water control berm(s) as shown and as needed to control runoff. Do not allow any materials, including sediments, aggregate or crushing by-products to enter into waterways or wetlands.

Develop a site-specific Pollution Control Plan for each material source/disposal site according to 00290.30(b), and submit it to the Engineer at or before the pre-work meeting. Include the following details:

- Do not discharge waste or by-product if it contains any substance in concentrations that could contaminate soils or result in harm to fish, wildlife, or water sources.
- Store bag-house sludge, lime, and all potentially hazardous materials and solid waste in a manner that prevents seepage into the ground or groundwater sources. Lined sumps or pits are allowable options for storage. If pits or sumps are used, construct adequate berms or provide other measures to prevent breaching of the pits or sumps.
- For materials capable of causing water pollution if discharged, locate storage facilities in an area that prevents spillage into waterways or wetlands.

Develop a site-specific Dust Control Plan and submit it to the Engineer 10 calendar days before the pre-work meeting. Include the following details:

- Measures that will be taken to prevent dust from settling heavily in the riparian areas adjacent to Twomile Creek to the west and the adjacent Old US 30 Highway.
- Measures that will be taken to ensure the operation will meet Oregon DEQ air quality permit requirements outlined in the General Air Contaminant Discharge Permits for portable crushers and asphalt batch plants #AQGP-007 and #AQGP-008 and all other applicable laws and regulations.
- Name and contact information for the Contractor's on site person responsible for ensuring processing, crushing and batching activities are in compliance with the permits and Dust Control Plan.

Construction

00235.40 General - All vehicles and equipment, upon entering the site for the first time, and each subsequent time if the vehicle has left the roadway outside the construction project limits, shall be steam cleaned of all debris (soil, dirt, plant parts, and vegetative matter) before being brought back to the site. Notify the Engineer before moving each vehicle onto the site. Certify, in writing, that the equipment has been steam cleaned.

00235.41 Restrictions and Protection of Resources - Contractor operations within the material source/disposal site are limited to the following:

- Protect cultural resources according to 00290.50.
- Protect migratory birds according to 00290.36(a).
- Clear trees and shrubs and strip and stockpile soil overburden between September 1 and March 1.
- Do not utilize, contaminate, or disperse material from existing stockpiles. If existing stockpiles interfere with the Contractor's operations, move the stockpiles to other

locations within the material source area as directed, at no additional cost to the Agency.

- Limit mineral and aggregate extraction, processing, equipment operation activities including drilling, and disposal activities to the daylight hours, Monday through Saturday unless modifications to these hours are requested in writing and approved by the Engineer. Do not conduct any operation on Sundays or legal holidays.

00235.42 Source Setup - Before proceeding with work in the material source/disposal site, the following apply:

(a) Access:

- Develop and maintain an access road from the developed stockpile and processing area to the newly developed excavation floor, as applicable. Construct this road with a 12 foot width and reasonably uniform grade, no steeper than a 16% grade (1V:6H), for access to the quarry floor. Determine the exact location in the field. Obtain the Engineer's approval before constructing the access road.
- Routine road maintenance activities such as grading and watering of the access road does not need review or approval. Maintain or develop drainage culverts, drain dips, water bars, road crowning, in-slopes and out-slopes during road maintenance.
- Realign and regrade or construct the bench access road as shown. Construct the road with a 12 foot width and a reasonably uniform grade, no steeper than 50% (1V:2H), for access to the upper bench by tracked vehicles.
- Using existing, loose and non-stockpiled material or imported or clean soil or a combination of clean soil and rock, construct a safety berm along the top edge of the existing excavation or existing slopes as shown. Maintain a 10 foot buffer between the top edge of the excavation or slope and the toe of the safety berm. Construct the berm 3 feet high (minimum), with side slopes of 1V:2H.

(b) Clearing and Grubbing – Before stripping of overburden clear and grub all trees from within the excavation area, disposal area, and from the area to be developed for stockpile and processing as well as from the to be developed access roads. Place all woody debris in the overburden stockpile area as shown.

(c) Overburden - Before excavating, including drilling and blasting when required, strip and stockpile all soil overburden from within the excavation/disposal area and from the area to be developed for stockpile and processing and the to be developed access road(s). Incorporate grass and small shrubs into the stockpiles. Do not remove grass or small shrubs from the overburden. Place stockpiles in the overburden storage area(s). Maintain a minimum 10 foot buffer strip between the toe of the overburden storage area(s) and the excavation area. Store overburden stripped from the stockpile and processing area as shown, a minimum of 10 feet from the toe of the aggregate stockpiles. Smooth and contour overburden storage berms to form side slopes no steeper than 1V:2H.

00235.43 Blasting - Perform blasting operations according to Section 00335 except the perimeter controlled blasting described in 00335.40(a) is not required.

Restrict blasting to the hours of 9:00 a.m. to 5:00 p.m. Monday through Friday. Do not blast on Saturdays, Sundays, or legal holidays as defined in 00170.65.

Notify the Engineer, and notify all adjacent residents and property owners that are within 1,250 feet of the blasting area, at least 48 hours before blasting. In addition, notify and obtain approvals from local fire suppression agency. Do not detonate shots until the person videotaping the shot is prepared, or until the Engineer gives approval to proceed.

00235.44 Source Operations - The following apply during material source operations:

- Construct slopes, bench(es), and floor(s) of the excavation area(s) as shown.
- To control dust, apply water to material source access, haul road(s), crushing operations.
- Stockpile scalplings and reject fines in separate and accessible stockpiles as shown.
- If the Contractor chooses to utilize this material source, maintain the condition of the gravel County Road (USFS Rd. 3030) and the junction with the paved Old US 30 roadway at all times. Provide traffic control related to ingress and egress movements in a manner that allows a safe work zone and safe passage of vehicles.

00235.45 Source Clean-up - The following apply at the completion of operations:

- Leave no loose material on the site exceeding 1 foot diameter, except as noted below. Process existing oversize material, and all material loosened in the source by the Contractor that meets quality requirements, with the following exception(s):
 - A maximum of 500 cubic yards of oversize material with a maximum dimension of 2.5 feet may be stockpiled in the material source. Consolidate stockpile material as shown.
- Place all excess produced aggregate remaining at the end of operations in separate and accessible stockpiles on Agency owned or controlled property in areas designated by the Engineer, at no additional cost to the Agency.
- Leave the material source haul road and bench access road open. Do not rip or block the roads.
- Pile and burn all construction slash and combustible debris resulting from use and development of the source, including the preexisting refuse identified at the pre-work meeting, even if it is from outside the material source project boundary except for grass and small shrubs that are incorporated into the overburden. Comply with all open burning regulations in effect at the time of source occupancy. If burning is not allowed, all slash and combustible debris becomes the property of the Contractor, to be treated as noncombustible and removed from material source/disposal site.

00235.46 Seeding:

- Stabilize the overburden storage area and safety berm(s) in addition to other areas within the site disturbed by the Contractor's operations, by seeding, mulching, and tackifying, as directed.
- Provide the following seed mixture:

BROADCAST RATE		COMMON NAME/SCIENTIFIC NAME
1.5 PLS lb/ac	indian ricegrass	<i>Achnatherum hymenoides</i>
2.0 PLS lb/ac	squirreltail	<i>Elymus elymoides</i>
1.4 PLS lb/ac	slender wheat grass	<i>Elymus trachycaulus ssp. trachycaulus</i>
1.7 PLS lb/ac	Idaho fescue	<i>Festuca idahoensis</i>
1.7 PLS lb/ac	basin wildrye	<i>Leymus cinereus</i>
1.1 PLS lb/ac	Sandberg bluegrass	<i>Poa secunda</i>
5.1 PLS lb/ac	bluebunch wheatgrass	<i>Pseudoroegneria spicata ssp. Spicata</i>

- Use only certified weed free seed. Provide copies of the certification to the Engineer. Inoculate the clover and alfalfa prior to incorporation into the seed mixture.
- Provide straw mulch according to 01030.15(b).
- Apply a commercial straw mulch tackifier according to the manufacturer's directions and at the recommended rate.
- Apply seed and mulch according to Section 01030.
- If conditions allow and the Contractor chooses, the area may be stabilized by applying seed using a range drill with a roller attachment. All areas seeded with the range drill and roller will not need to be subsequently covered with mulch and tackifier.
- All variations to these requirements require written approval by the Engineer.

00235.47 Source Vacating - Before vacating the material source the following apply:

- Remove all structures, noncombustible debris, and equipment from the material source/disposal site, even if it was pre-existing, except for grass and small shrubs incorporated into the overburden.
- Remove solid waste and hazardous material from the site and dispose of properly. These include, but are not limited to, bag-house sludge or fines, lime, excess liquid asphalt, rejected and excess asphalt mixture, plant cleanings, materials placed in sumps, tires, pipes, belts, screens and truck cleanings. Provide documentary evidence of proper disposal and verify the amount of material removed.
- If a spill or dumping has occurred or if a spill or dumping is suspected to have occurred, the Engineer will sample and test underlying material after all contaminated material is removed to assure compliance with DEQ regulations and to make sure that no material residue has been left behind. If test results show that material residue remains, perform additional cleanup measures according to DEQ requirements.
- Hold a post-work meeting at the material source/disposal site to evaluate material source rehabilitation work. Include the following owners or representatives:
 - Engineer
 - ODOT Project Geologist or Engineering Geologist

Measurement

00235.80 General - No measurement of quantities will be made for work performed under this Section.

Payment

00235.90 General - No separate or additional payment will be made for work performed under this Section. Payment will be included in payment made for the appropriate items under which this Section is required.

SECTION 00280 - EROSION AND SEDIMENT CONTROL

Comply with Section 00280 of the Standard Specifications modified as follows:

00280.30 Erosion and Sediment Control Manager - In the bullet that begins "Inspect erosion control BMP...", replace the value "5/8 inch" with "1/2 inch".

SECTION 00290 - ENVIRONMENTAL PROTECTION

Comply with Section 00290 of the Standard Specifications modified as follows:

00290.20(c-2) Clean Fill - In the paragraph, replace "OAR 340-093-0030(13)" with "OAR 340-093-0030".

00290.20(c-3) Reuse, Recycle, and Dispose of Materials - Replace the bullet that begins "Reuse demolition..." with the following bullet:

- Reuse demolition debris.

00290.20(c-3-d) Concrete and Masonry - Replace the paragraph that begins "Concrete and masonry..." with the following paragraph:

Concrete and masonry, that is not recycled and does not contain hazardous substances, may be reused to fill basements or be buried in embankments on-site, provided that the materials are broken into pieces not exceeding 15 inches in any dimension, and placed so that:

00290.20(d) Hazardous Waste Management - In the paragraph that begins "In addition to current Laws...", replace the two bullets that begin "If the quantity of hazardous waste projected to be..." with the following three bullets:

- If the quantity of hazardous waste projected to be generated meets the requirements for a LQG, prepare a full Hazardous Waste Contingency Plan according to 40 CFR 265 Subpart D. Maintain a copy of the Contingency Plan on-site at all times during construction activities, readily available to employees and inspectors.
- If the quantity of hazardous waste projected to be generated meets the requirements for a SQG, prepare a modified Hazardous Waste Contingency Plan according to 40 CFR 262.34(d)(5) and 40 CFR 265 Subpart C. Maintain a copy of the modified Contingency Plan on-site at all times during construction activities, readily available to employees and inspectors.
- If the quantity of hazardous waste projected to be generated meets the requirements for a CEG, follow the contingency planning and storage requirements of the SQG unless the only potentially hazardous waste is aerosol cans smaller than 20 ounces. Limit storage to 180 days and 2,200 pounds. Prepare a modified Hazardous Waste Contingency Plan and keep a copy on-site with emergency response procedures and contact information.

00290.20(g) Spills and Releases - In the paragraph that begins "Obtain a response agreement...", replace the term "29 CFR 1920.120" with the term "29 CFR 1910.120".

Replace the lead-in paragraph that begins "In the event...", with the following lead-in paragraph:

In the event of a spill or release of a hazardous substance or hazardous waste or the release of any other material that has the potential to harm human health or the environment, do the following:

SECTION 00680 - STOCKPILED AGGREGATES

Comply with Section 00680 of the Standard Specifications modified as follows:

00680.11 Aggregates - Add the following subsection:

(c) Sanding Aggregates - Provide sanding aggregates meeting the following requirements:

(1) Grading - Furnish clean, hard, and durable aggregate in stockpiles meeting the following grading requirements:

Sieve Size	Percent Passing (by Weight)
1/2"	100
3/8"	85 - 100
No. 8	0 - 10
No. 40	0 - 2

Perform sieve analysis according to AASHTO T 27.

Scalp the rock or gravel material from which the aggregates are produced on a screen, the entire surface of which has openings not less than 1/2 inch in size. After the material has passed over the scalping screen, it shall contain not more than 5% by weight of material passing the 1/2 inch sieve. If quarry rock is furnished, apply this requirement to the material after it has passed through the primary crusher. In addition 95% of the quarry rock shall pass a 8 inch sieve following primary crushing.

(2) Elongated Pieces - Elongated pieces in aggregate larger than 1/4 inch shall be determined according to ODOT TM 229, with the proportional caliper device set at a ratio of 5:1, and shall not exceed 10 percent by weight of the material retained on the 1/4 inch sieve.

(3) Fractured Faces - Provide aggregates consisting of broken stone, crushed gravel, or a combination of both. Crush aggregate such that at least 90% by weight of the total aggregate retained on the No. 8 and larger sieves is fractured on two faces, as determined according to AASHTO T 335.

00680.42 Places of Delivery - Add the following to the end of this subsection:

Deliver and stockpile aggregate at the following locations:

Stockpile Site Location	Quantity and Material to be Stockpiled
ODOT Stockpile Site Old Oregon Trail Highway MP 224	6000 cu. yd.
ODOT Stockpile Site Old Oregon Trail Highway MP238	6000 cu. yd.
ODOT Stockpile Site Old Oregon Trail Highway MP248	3000 cu. yd.

SECTION 02630 - BASE AGGREGATE

Comply with Section 02630 of the Standard Specifications modified as follows:

02630.10(a) Grading - In Table 02630-01, add the following sieve size line before the No. 10 sieve size line and add the following footnote at the end to the table:

No. 4 * - - - - -

* Report percent passing sieve when no grading requirements are listed

02630.10(b) Fracture of Rounded Rock - In the sentence that begins "Fracture of rounded rock...", replace "AASHTO TP 61" with "AASHTO T 335".

02630.11(b) Fracture of Rounded Rock - In the sentence that begins "Fracture of rounded rock...", replace "AASHTO TP 61" with "AASHTO T 335".