



Oregon

Theodore R. Kulongoski, Governor

Department of Transportation

Technical Services

Roadway Engineering Section

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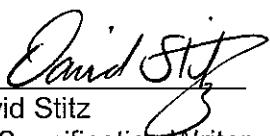
FAX 503-986-3749

DATE: May 8, 2009

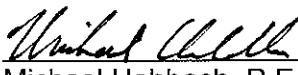
Addenda No. 6

TO: PLAN HOLDERS

PREPARED BY:


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APPROVED BY:


Michael Hohbach, P.E.
Project Manager
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SUBJECT: US97: Lava Butte – S. Century Drive Section
The Dalles – California Highway
Deschutes County
Grading, Structures, Paving, Signing & Pavement Markings Project
(Bids to be opened and read May 14, 2009)

The following changes are made to the Project Bid Booklet:

1. COVER PAGE - The date on the Bid Booklet cover page is replaced with May 14, 2009.
2. DESCRIPTION OF WORK page - The first paragraph under TIME AND PLACE OF RECEIVING BIDS is replaced with the following:

Bids for the work described above will be opened and read at the Oregon Department of Transportation, 455 Airport Road SE, Building E, Salem, Oregon, at 9:00 a.m. on the May 14th day of May, 2009.

3. The following changes are made to the Project Bid Items:

a. Added items:

<u>Number</u>	<u>Item</u>	<u>Unit</u>	<u>Quantity</u>
1660	EXTRA FOR SELECTED TOPSOIL MATERIAL	CUYD	500.00
1670	WOODY COURSE DEBRIS	EACH	25.00

Make a copy of and use the new attached Bid Sheets. A Bid **not** including these new Bid Sheets **will be rejected as non-responsive**.

The following changes are made to the Project Special Provisions:

1. COVER PAGE - The date on the Special Provisions cover page is replaced with May 14, 2009.

2. DESCRIPTION OF WORK page - The paragraph under TIME AND PLACE OF RECEIVING BIDS is replaced with the following:

Bids for the work described above will be opened and read at the Oregon Department of Transportation, 455 Airport Road SE, Bldg. E, Salem, Oregon 97301-5348, at 9:00 a.m. on the 14th day of May, 2009.

3. Subsection 00220.02 Public Safety and Mobility - The following bulleted item is added after the bulleted item that begins "Protect traffic by grinding...":

- Traffic may be allowed on Top Base Course of Mainline US97 for up to 12 months. No traffic allowed on any Base Course for ramp and/or frontage road construction.

4. Subsection 00220.40(e) Lane Restrictions - This subsection is replaced with the following subsection:

00220.40(e) Lane Restrictions - Replace the paragraph that begins "Do not close any..." with the following two paragraphs:

In 2009, do not close any travel lanes on the existing US97 unless approved in writing by the Engineer.

In 2010 and 2011, maintain at least one lane of traffic in each direction during the following periods:

Replace subsections (1) and (2) with the following:

- (1) Weekdays** - Between 6:00 AM and 8:00 PM Monday through Thursday.

(2) Weekends - Between 6:00 AM on Friday and 8:00 PM on Sunday.

In addition, once NB alignment is opened to 2-lane traffic, no closures allowed during the above times, unless approved in writing by the Engineer.

At no time shall southbound traffic be allowed on the new northbound travel lanes.

5. Subsection 00220.40(e)(4) Special Events - This subsection is replaced with the following subsection:

00220.40(e)(4) Special Events – Add the following to the end of this subsection:

The following special events will occur during this Project:

- Jeld-Wen Tradition Golf Tournament - August 17-23, 2009
 - Jeld-Wen Tradition Golf Tournament - August 2010
 - Jeld-Wen Tradition Golf Tournament - August 2011
6. Subsection 00235.44 Source/Site Operations - The following bulleted item is added after the last bulleted item under “Site B” that begins "If the Contractor chooses to utilize...":
- If the Contractor excavates borrow material from Site B, the Contractor has the option to dispose of excess materials generated from the project within the excavation limits shown and as approved by the Engineer using the provisions of Section 00235. A disposal plan shall be submitted to the Engineer prior to disposal operations. The Contractor shall not be able to dispose of more material than what is borrowed from Site B.
7. Subsection 00280.44(d) Temporary Mulching - This subsection is replaced with the following subsection:

00280.44(d) Temporary Mulching – Replace this subsection with the following:

00280.44(d) Temporary Mulching – Hydromulching equipment shall be clean and free of all previous seed, fertilizer, mulch and hydroseeding products used in previous jobs.

Apply temporary mulch consisting of bonded fiber matrix hydraulically at the rate of 3500 pounds per acre. Apply in successive layers from at least two directions so that 100% coverage of all exposed soil is achieved. Do not apply the bonded fiber matrix immediately before, during, or after rainfall. Follow the manufacturer’s directions on drying so the applied product reaches the recommended state of dryness before being subjected to rainfall or other moisture. This varies from drying completely for up to 24 hours after installation to allowances for less drying, based on characteristics of the product approved for use. Apply bonded fiber matrix using commercial application equipment designed specifically for hydromulch application and approved by the bonded fiber matrix product

manufacturer, either in printed literature or in consultation with the manufacturer. Furnish the manufacturer's product literature or documentation of consultation with the manufacturer upon request.

Provide bonded fiber matrix in an all inclusive "one bag" system with tackifiers, minerals, fiber, tracer dye, lubricants or other materials included in pre-measured quantities by manufacturer.

8. Subsection 00320.02(d) Large Woody Debris - This subsection is added prior to subsection 00320.40(b):

Add the following subsection:

00320.02(d) Large Woody Debris – Large woody debris consists of sound non-merchantable standing or down trees salvaged from project site with root wad intact. Large woody debris shall be not less than 12" diameter at root crown and not less than 25' in length.

9. Subsection 00320.41 Grubbing Operations - This subsection is added after subsection 00320.40(b):

00320.41 Grubbing Operations – Add the following paragraph at the end of this subsection:

Stockpile 25 pieces of large woody debris as defined in 00320.02 and in an area approved by the Engineer.

10. Subsection 00350.10 Materials - The table in the paragraph that begins with the words "Provide manufacturer's certifications..." is replaced with the following:

Geotextile	Certification Level B
Subgrade	X

11. Subsection 00810.15 Salvaged Materials - The paragraph that begins with the words "Stockpile salvaged material..." is replaced with the following:

Any salvaged guardrail and guardrail posts that are not used on the project shall become property of Agency. Stockpile unused salvaged guardrail and guardrail posts at the Contractor's staging site. ODOT maintenance will remove the materials from the staging site when requested by the Contractor.

Non-salvageable guardrail and guardrail posts shall become the property of the Contractor and shall be disposed of according to 00290.20(c-3).

12. Subsection 00820.15 Salvaged Materials - The paragraph that begins with the words "Stockpile salvaged material..." is replaced with the following:

Any salvaged concrete barrier that is not used on the project shall become property of Agency. Stockpile unused salvaged concrete barrier at the Contractor's staging site. ODOT maintenance will remove the materials from the staging site when requested by the Contractor.

Non-salvageable concrete barrier shall become the property of the Contractor and shall be disposed of according to 00290.20(c-3).

13. Subsection 00810.90 Payment - This subsection that follows subsection 00820.49 is replaced with the following subsection:

00820.90 Payment – Add the following to the end of this subsection:

No separate or additional payment will be made for salvaging, storing, and reusing concrete median barrier from the stockpile site.

14. Section 00830 Impact Attenuators - This Section is added after Section 00820:

SECTION 00830 - IMPACT ATTENUATORS

Comply with Section 00830 of the Standard Specifications modified as follows:

00830.00 Scope – Replace this subsection with the following:

00830.00 Scope – This work consists of stockpiling existing impact attenuators at the Contractor's staging site.

00830.02 Required Submittals – Delete this subsection.

Add the following subsection:

00830.03 Salvaged Materials – Existing impact attenuators (3) are to become property of the Agency. Stockpile existing impact attenuators to be removed from the project at the Contractor's staging site. ODOT maintenance will remove the materials from the staging site when requested by the Contractor.

00830.10 Materials – Delete this subsection.

00830.40 General – Delete this subsection.

00830.80 Measurement – Replace this subsection with the following:

00830.80 Measurement – There will be no measurement for work under this Section.

00830.90 Payment – Replace this subsection with the following:

00830.90 Payment – There will be no payment for work under this Section.

15. Section 01040 Planting - This Section is replaced with the following Section:

SECTION 01040 - PLANTING

Comply with Section 01040 of the Standard Specifications supplemented and/or modified as follows:

01040.14(a) Selected Topsoil - Replace the last sentence in the first paragraph with the following:

Do not take material for selected topsoil from a depth greater than 9” below existing ground surface.

01040.43(a) Topsoil Excavation - Add the following after the last sentence of this subsection:

Stockpile 500 cubic yards of selected topsoil in an area approved by the Engineer and stabilize selected topsoil against erosion with BMPs found in Section 00280 and ODOT Erosion Control Manual.

01040.43(c) Hauling and Spreading - Add the following after the last sentence of this subsection:

Install selected topsoil in locations as directed by Engineer to a thickness of 6 inches.

16. Subsection 01050.02 Fencing and Wildlife Crossing Protection Installation Plan - This subsection is added after subsection 01050.00:

01050.02 Fencing and Wildlife Crossing Protection Installation Plan – Provide a fencing and wildlife crossing protection installation plan for approval by the Engineer prior to performing work on the wildlife fence, jump-outs, forest service road gates (Section 01050) and wildlife crossing protections (Section 01059). The plan shall include, but not limited to, the following:

- Schedule showing how work will be performed in one continuous stage and after construction of the wildlife undercrossings.
- Schedule showing how construction of wildlife fence will be outside of the spring (April/May) and fall (October/November) migration seasons. The seasonal time

frames provided are approximate. Exact dates within the specified times will be determined by ODFW representative and Engineer.

17. Subsection 01050.40 General - The following paragraph is added after the paragraph that begins "Construct and install wildlife...":

Installation of the woven wire fabric of the fencing must occur after the wildlife undercrossings are completely constructed and can provide the passage opening as designed; and shall not occur during the migration months of April, May, October and November.

18. Subsection 01059.02 Wildlife Crossing Protection Plan - This subsection is added after subsection 01050.00:

01059.02 Fencing and Wildlife Crossing Protection Installation Plan – Provide a fencing and wildlife crossing protection installation plan according to 01050.02.

The following changes are made to the Project Plans:

1. Plan sheets 2B-8 and 2B-9 are replaced with revised plan sheets 2B-8 and 2B-9.

These changes will be included in the Contract for this Project. It is understood that your Bid will be submitted accordingly.

Make copies of the new Bid Sheets to replace the Special Provisions Bid Schedule Sheets.

dajs:

Attachment: New Bid Sheets
Revised Plan Sheets

BID SCHEDULE

CONTRACT ID: 14006
PROJECT KEY: 13981

PROJECT: US97: LAVA BUTTE - S CENTURY DRIVE
ADDENDUM NUMBER: 6

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
SECTION 0001 TEMPORARY FEATURES AND APPURTENANCES				
0010	0100-0100000T ON-THE-JOB TRAINING	HOUR	1,500.00	
0020	0210-0100000A MOBILIZATION	LS	ALL	
0030	0225-0100000A TEMPORARY PROTECTION AND DIRECTION OF TRAFFIC	LS	ALL	
0040	0225-0102000J TEMPORARY SIGNS	SQFT	1,360.00	
0050	0225-0105000E TEMPORARY BARRICADES, TYPE III	EACH	38.00	
0060	0225-0126000F TEMPORARY CONCRETE BARRIER, REFLECTORIZED	FOOT	9,763.00	
0070	0225-0132000F MOVING TEMPORARY CONCRETE BARRIER	FOOT	1,038.00	
0080	0225-0133000E TEMPORARY IMPACT ATTENUATOR	EACH	2.00	
0090	0225-0136000E MOVING TEMPORARY IMPACT ATTENUATORS	EACH	1.00	
0100	0225-0141200E REPAIR TEMPORARY IMPACT ATTENUATOR	EACH	1.00	
0110	0225-0145000E TEMPORARY PLASTIC DRUMS	EACH	473.00	
0120	0225-0147000E TEMPORARY DELINEATORS	EACH	13.00	

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ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0130	0225-0153000F TEMPORARY STRIPING	35,200.00 FOOT		
0140	0225-0154000F STRIPE REMOVAL	19,923.00 FOOT		
0150	0225-0162000E SEQUENTIAL ARROW SIGNS	1.00 EACH		
0160	0225-0164000E PORTABLE CHANGEABLE MESSAGE SIGNS	4.00 EACH		
0170	0225-0168000T FLAGGERS	1,500.00 HOUR		
0180	0225-0169000E TRAFFIC CONTROL SUPERVISOR	560.00 EACH		
0190	0225-0172000T PILOT CARS	24.00 HOUR		
0200	0280-0100000A EROSION CONTROL	ALL LS		
0210	0280-0101000J PLASTIC SHEETING	220.00 SQYD		
0220	0280-0104000R TEMPORARY MULCHING	52.30 ACRE		
0230	0280-0106000E CHECK DAM	20.00 EACH		
0240	0280-0110000E CONSTRUCTION ENTRANCE	3.00 EACH		
0250	0280-0113000F SEDIMENT FENCE, UNSUPPORTED	500.00 FOOT		

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ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0260	0280-0114000E INLET PROTECTION	EACH 17.00		
0270	0280-0115000F SEDIMENT BARRIER	FOOT 7,624.00		
0280	0280-9Z90000E BIOFILTER BAGS	EACH 25.00		
0290	0280-9Z90000E STRAW BALES	EACH 5.00		
0300	0290-0100000A POLLUTION CONTROL PLAN	LS ALL		
SECTION 0002 ROADWORK				
0310	0305-0100000A CONSTRUCTION SURVEY WORK	LS ALL		
0320	0310-0103000J REMOVAL OF SURFACINGS	SQYD 26,000.00		
0330	0310-0106000A REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS ALL		
0340	0310-0119000F ASPHALT PAVEMENT SAW CUTTING	FOOT 18,500.00		
0350	0320-0100000A CLEARING AND GRUBBING	LS ALL		
0360	0330-0123000K EMBANKMENT IN PLACE	CUYD 251,000.00		
0370	0330-0136000K EXTRA FOR SELECTED STONE BACKFILL MATERIAL	CUYD 350.00		

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ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0380	0331-0106000J 12 INCH SUBGRADE STABILIZATION	16,500.00 SQYD		
0390	0335-0100000F PERIMETER CONTROLLED BLAST HOLES	2,500.00 FOOT		
0400	0340-0100000Q WATERING	56,000.00 MGAL		
0410	0350-0105000J SUBGRADE GEOTEXTILE	179,000.00 SQYD		
0420	0390-0139000E RIPRAP BASINS	3.00 EACH		

SECTION 0003 DRAINAGE AND SEWERS

0430	0445-010018AF 18 INCH CULVERT PIPE, 5 FT DEPTH	482.00 FOOT		
0440	0445-010018BF 18 INCH CULVERT PIPE, 10 FT DEPTH	115.00 FOOT		
0450	0445-010024AF 24 INCH CULVERT PIPE, 5 FT DEPTH	184.00 FOOT		
0460	0445-010024CF 24 INCH CULVERT PIPE, 20 FT DEPTH	180.00 FOOT		
0470	0445-035012AF 12 INCH STORM SEWER PIPE, 5 FT DEPTH	180.00 FOOT		
0480	0445-060012AF 12 INCH DUCTILE IRON PIPE, 5 FT DEPTH	395.00 FOOT		
0490	0445-060018AF 18 INCH DUCTILE IRON PIPE, 5 FT DEPTH	101.00 FOOT		

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PROJECT: US97: LAVA BUTTE - S CENTURY DRIVE
ADDENDUM NUMBER: 6

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0500	0445-0680120E SLIP JOINTS, 12 INCH	EACH 3.00		
0510	0445-0735010E CONCRETE PIPE ANCHORS	EACH 5.00		
0520	0460-0100000J PAVED CULVERT END SLOPES	SQFT 959.00		
0530	0470-0315000E CONCRETE INLETS, TYPE G-2	EACH 3.00		
0540	0480-0100000F DRAINAGE CURBS	FOOT 15.00		

SECTION 0004 NB WILDLIFE OVERCROSSING BRIDGE NO. 21017

0550	0510-0106000A GRANULAR WALL BACKFILL	LS ALL		
0560	0530-0100000A REINFORCEMENT	LS ALL		
0570	0530-0103000A COATED REINFORCEMENT	LS ALL		
0580	0540-0301000A GENERAL STRUCTURAL CONCRETE, CLASS 3300	LS ALL		
0590	0540-0307000A GENERAL STRUCTURAL CONCRETE, CLASS HPC4000	LS ALL		
0600	0540-0401000J SAW CUT TEXTURING	SQYD 488.00		
0610	0545-0100000J REINFORCED CONCRETE BRIDGE END PANELS	SQYD 294.00		

BID SCHEDULE

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PROJECT: US97: LAVA BUTTE - S CENTURY DRIVE
ADDENDUM NUMBER: 6

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0620	0550-0137000F 21 INCH PRECAST PRESTRESSED SLABS	583.00 FOOT		
0630	0585-0100000A ASPHALTIC PLUG JOINT SEALS	ALL LS		
0640	0587-0120000A TYPE "F" CONCRETE RAIL	ALL LS		

SECTION 0005 SB WILDLIFE OVERCROSSING BRIDGE NO. 21014

0650	0510-0100000A SHORING, CRIBBING AND COFFERDAMS	ALL LS		
0660	0510-0101000A STRUCTURE EXCAVATION	ALL LS		
0670	0510-0106000A GRANULAR WALL BACKFILL	ALL LS		
0680	0530-0100000A REINFORCEMENT	ALL LS		
0690	0530-0103000A COATED REINFORCEMENT	ALL LS		
0700	0540-0301000A GENERAL STRUCTURAL CONCRETE, CLASS 3300	ALL LS		
0710	0540-0307000A GENERAL STRUCTURAL CONCRETE, CLASS HPC4000	ALL LS		
0720	0540-0401000J SAW CUT TEXTURING	488.00 SQYD		
0730	0545-0100000J REINFORCED CONCRETE BRIDGE END PANELS	294.00 SQYD		

BID SCHEDULE

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PROJECT KEY: 13981

PROJECT: US97: LAVA BUTTE - S CENTURY DRIVE
ADDENDUM NUMBER: 6

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0740	0550-0137000F 21 INCH PRECAST PRESTRESSED SLABS	583.00 FOOT		
0750	0585-0100000A ASPHALTIC PLUG JOINT SEALS	ALL LS		
0760	0587-0120000A TYPE "F" CONCRETE RAIL	ALL LS		

SECTION 0006 NB COTTONWOOD RD. OVERCROSSING BRIDGE NO. 20552

0770	0510-0101000A STRUCTURE EXCAVATION	ALL LS		
0780	0510-0106000A GRANULAR WALL BACKFILL	ALL LS		
0790	0530-0100000A REINFORCEMENT	ALL LS		
0800	0530-0103000A COATED REINFORCEMENT	ALL LS		
0810	0540-0301000A GENERAL STRUCTURAL CONCRETE, CLASS 3300	ALL LS		
0820	0540-0307000A GENERAL STRUCTURAL CONCRETE, CLASS HPC4000	ALL LS		
0830	0540-0401000J SAW CUT TEXTURING	539.00 SQYD		
0840	0540-9Z90000J ARCHITECTURAL TREATMENT	614.00 SQYD		
0850	0545-0100000J REINFORCED CONCRETE BRIDGE END PANELS	296.00 SQYD		

BID SCHEDULE

CONTRACT ID: 14006
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PROJECT: US97: LAVA BUTTE - S CENTURY DRIVE
ADDENDUM NUMBER: 6

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0860	0550-0138000F 26 INCH PRECAST PRESTRESSED SLABS	713.00 FOOT		
0870	0585-0100000A ASPHALTIC PLUG JOINT SEALS	ALL LS		
0880	0587-0120000A TYPE "F" CONCRETE RAIL	ALL LS		

SECTION 0007 NB CRAWFORD RD. OVERCROSSING BRIDGE NO. 21016

0890	0510-0100000A SHORING, CRIBBING AND COFFERDAMS	ALL LS		
0900	0510-0101000A STRUCTURE EXCAVATION	ALL LS		
0910	0510-0106000A GRANULAR WALL BACKFILL	ALL LS		
0920	0530-0100000A REINFORCEMENT	ALL LS		
0930	0530-0103000A COATED REINFORCEMENT	ALL LS		
0940	0540-0301000A GENERAL STRUCTURAL CONCRETE, CLASS 3300	ALL LS		
0950	0540-0307000A GENERAL STRUCTURAL CONCRETE, CLASS HPC4000	ALL LS		
0960	0540-0401000J SAW CUT TEXTURING	754.00 SQYD		
0970	0540-9Z90000J ARCHITECTURAL TREATMENT	255.00 SQYD		

BID SCHEDULE

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ADDENDUM NUMBER: 6

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0980	0545-0100000J REINFORCED CONCRETE BRIDGE END PANELS	297.00 SQYD		
0990	0550-0145000F 48 INCH PRECAST PRESTRESSED BOX BEAMS	1,265.00 FOOT		
1000	0585-0100000A ASPHALTIC PLUG JOINT SEALS	ALL LS		
1010	0587-0120000A TYPE "F" CONCRETE RAIL	ALL LS		

SECTION 0008 SB CRAWFORD RD. OVERCROSSING BRIDGE NO. 21015

1020	0510-0100000A SHORING, CRIBBING AND COFFERDAMS	ALL LS		
1030	0510-0101000A STRUCTURE EXCAVATION	ALL LS		
1040	0510-0106000A GRANULAR WALL BACKFILL	ALL LS		
1050	0530-0100000A REINFORCEMENT	ALL LS		
1060	0530-0103000A COATED REINFORCEMENT	ALL LS		
1070	0540-0301000A GENERAL STRUCTURAL CONCRETE, CLASS 3300	ALL LS		
1080	0540-0307000A GENERAL STRUCTURAL CONCRETE, CLASS HPC4000	ALL LS		
1090	0540-0401000J SAW CUT TEXTURING	746.00 SQYD		

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ADDENDUM NUMBER: 6

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
1100	0540-9Z90000J ARCHITECTURAL TREATMENT	225.00 SQYD		
1110	0545-0100000J REINFORCED CONCRETE BRIDGE END PANELS	297.00 SQYD		
1120	0550-0145000F 48 INCH PRECAST PRESTRESSED BOX BEAMS	1,243.00 FOOT		
1130	0585-0100000A ASPHALTIC PLUG JOINT SEALS	ALL LS		
1140	0587-0120000A TYPE "F" CONCRETE RAIL	ALL LS		

SECTION 0009 EXISTING SB COTTONWOOD RD. OVERCROSSING BRIDGE NO. 16712

1150	0000-0100000A DELETED BID ITEM	ALL LS	0.00	0.00
1160	0591-0100000J WARRANTED WATERPROOFING MEMBRANE	2,000.00 SQFT		
1170	0620-0104000J COLD PLANE PAVEMENT REMOVAL, 0 - 2 INCHES DEEP	4,800.00 SQYD		

SECTION 0010 BASES

1180	0620-0120000J COLD PLANE PAVEMENT REMOVAL, 2 INCHES DEEP	11,000.00 SQYD		
1190	0641-0130000M AGGREGATE SHOULDERS	64,000.00 TON		
1200	0641-0201000M PLANT MIX AGGREGATE BASE	113,000.00 TON		

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ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
1210	0730-0100000M EMULSIFIED ASPHALT FOR TACK COAT	210.00 TON		

SECTION 0011 WEARING SURFACES

1220	0745-0322000M LEVEL 3, 1/2 INCH DENSE LIME TREATED HMAC	52,000.00 TON		
1230	0745-0334000M LEVEL 3, 1/2 INCH DENSE LIME TREATED HMAC IN LEVELING	1,600.00 TON		
1240	0745-0351000M LEVEL 3, 1/2 INCH DENSE LIME TREATED HMAC IN TEMPORARY	1,500.00 TON		
1250	0745-0422000M LEVEL 4, 1/2 INCH DENSE LIME TREATED HMAC	41,500.00 TON		
1260	0745-0622000M PG 64-28 ASPHALT IN HMAC	3,400.00 TON		
1270	0745-0642000M PG 70-28ER ASPHALT IN HMAC	2,600.00 TON		
1280	0749-0100000E EXTRA FOR ASPHALT APPROACHES	17.00 EACH		

SECTION 0012 PERMANENT TRAFFIC SAFETY AND GUIDANCE DEVICES

1290	0810-0103000F GUARDRAIL, TYPE 2A WEATHERIZED	10,137.50 FOOT		
1300	0810-0106000F GUARDRAIL, TYPE 3 WEATHERIZED	175.00 FOOT		
1310	0810-0120000E GUARDRAIL ANCHORS, TYPE 1 MODIFIED	4.00 EACH		

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ADDENDUM NUMBER: 6

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
1320	0810-0122000E GUARDRAIL END PIECES, TYPE B	4.00 EACH		
1330	0810-0126000E GUARDRAIL TRANSITION	10.00 EACH		
1340	0810-0128000E GUARDRAIL CONNECTIONS	2.00 EACH		
1350	0810-0129000E GUARDRAIL TERMINALS, NON-FLARED	16.00 EACH		
1360	0820-0100000F CONCRETE BARRIER	742.40 FOOT		
1370	0840-0102000E DELINEATORS, TYPE 2	323.00 EACH		
1380	0840-0106000E MILEPOST MARKER POSTS	6.00 EACH		
1390	0851-0101000F PAVEMENT LINE REMOVAL	10,000.00 FOOT		
1400	0857-0101000L CONTINUOUS RUMBLE STRIPS	4.50 MILE		
1410	0860-0200000F LONGITUDINAL PAVEMENT MARKINGS - PAINT	55,108.00 FOOT		
1420	0865-0125000F PAVEMENT MARKING TAPE, PATTERN, GROOVED	84,646.00 FOOT		
1430	0867-0145000J PAVEMENT BAR, TYPE B	145.00 SQFT		

SECTION 0013 PERMANENT TRAFFIC CONTROL AND ILLUMINATION SYSTEMS

BID SCHEDULE

CONTRACT ID: 14006
PROJECT KEY: 13981

PROJECT: US97: LAVA BUTTE - S CENTURY DRIVE
ADDENDUM NUMBER: 6

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
1440	0905-0100000A REMOVE EXISTING SIGNS	LS ALL		
1450	0905-0101000A REMOVE AND REINSTALL EXISTING SIGNS	LS ALL		
1460	0910-0100000K WOOD SIGN POSTS	FBM 2,260.00		
1470	0920-0100000A SIGN SUPPORT FOOTINGS	LS ALL		
1480	0930-0106000A EXIT NUMBER SIGN MOUNTS	LS ALL		
1490	0930-0111000A MULTI-POST BREAKAWAY SIGN SUPPORTS	LS ALL		
1500	0930-0112000A TRIANGULAR BASE BREAKAWAY SIGN SUPPORTS	LS ALL		
1510	0940-0102000J TYPE "B" SIGNS IN PLACE	SQFT 465.00		
1520	0940-0107000J TYPE "C" SIGNS IN PLACE	SQFT 168.80		
1530	0940-0113000J TYPE "G" SIGNS IN PLACE	SQFT 731.30		
1540	0940-0121000J TYPE "R" SIGNS IN PLACE	SQFT 308.00		
1550	0940-0124000J TYPE "W1" SIGNS IN PLACE	SQFT 225.10		
1560	0940-0134000J TYPE "Y1" SIGNS IN PLACE	SQFT 187.50		

BID SCHEDULE

CONTRACT ID: 14006
PROJECT KEY: 13981

PROJECT: US97: LAVA BUTTE - S CENTURY DRIVE
ADDENDUM NUMBER: 6

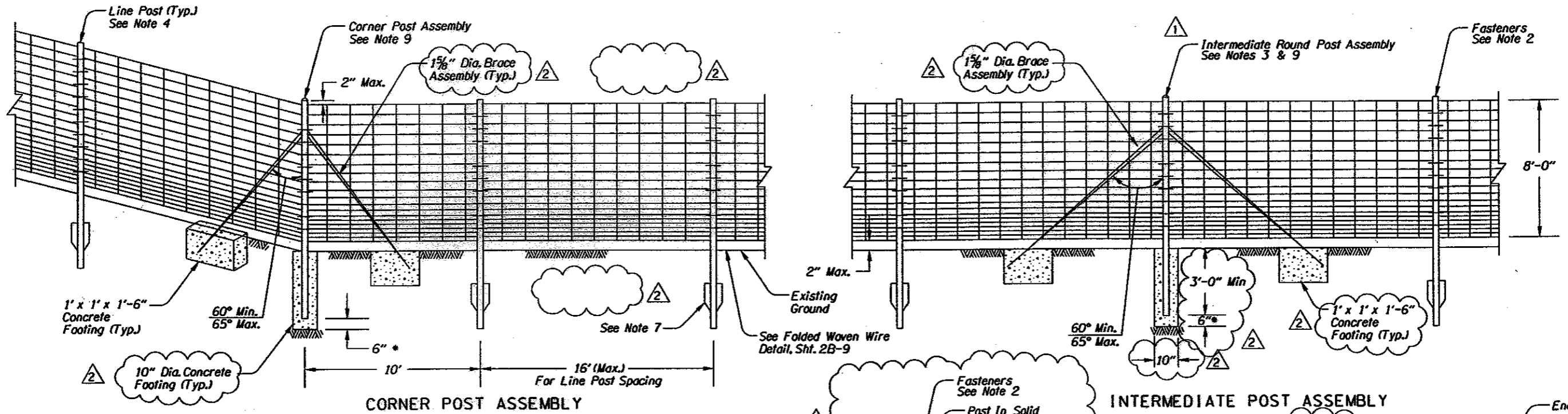
ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
1570	0940-0137000J TYPE "Y4" SIGNS IN PLACE	SQFT	57.00	

SECTION 0014 RIGHT-OF-WAY DEVELOPMENT AND CONTROL

1580	1040-0192000K CINDER MULCH	CUYD	38.00	
1590	1050-0122000E 48 FOOT DOUBLE ROAD GATES	EACH	2.00	
1600	1050-9Z90000E 34 FOOT SINGLE ROAD GATES	EACH	2.00	
1610	1050-9Z90000E WILDLIFE JUMP-OUTS	EACH	4.00	
1620	1050-9Z90000F TYPE WILDLIFE FENCE	FOOT	41,789.00	

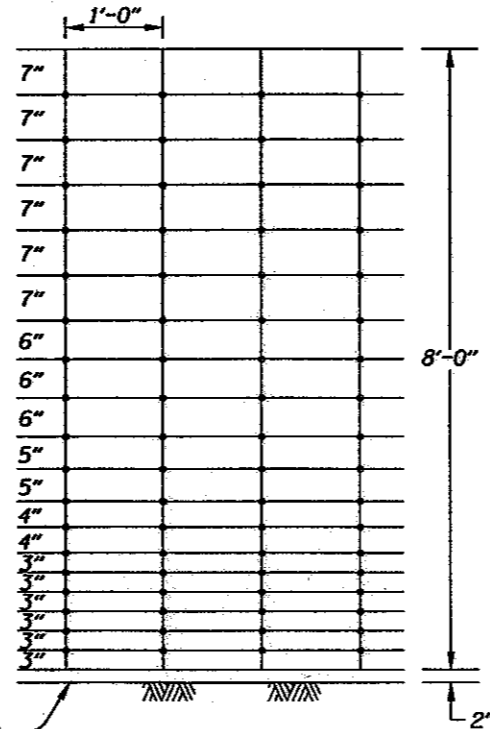
SECTION 0015 ADDED BID ITEMS

1630	1050-9Z90000E 40 FT WILDLIFE CROSSING PROTECTION	EACH	3.00	
1640	1050-9Z90000E 50 FT WILDLIFE CROSSING PROTECTION	EACH	2.00	
1650	1050-9Z90000E 70 FT WILDLIFE CROSSING PROTECTON	EACH	1.00	
1660	1040-0101000K EXTRA FOR SELECTED TOPSOIL MATERIAL	CUYD	500.00	
1670	1040-0202000E WOODY COURSE DEBRIS	EACH	25.00	
TOTAL BID				

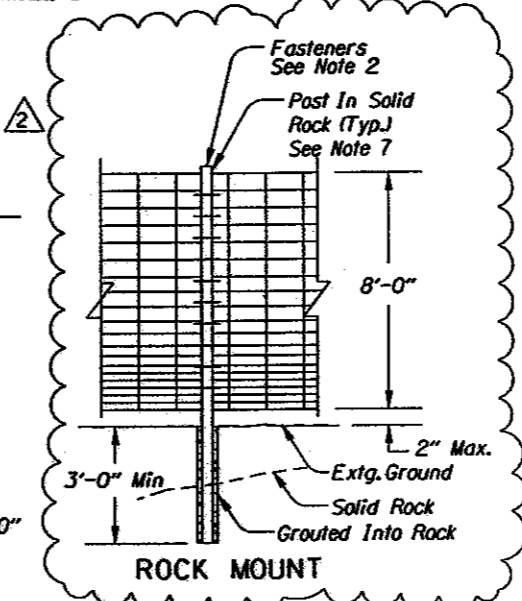


GENERAL NOTES:

1. Post Shall Be Placed On The Highway Side Of The Fencing. Line Posts Shall Consist Of Tubular Steel Posts (Round Post) And Heavy Duty T Post.
2. Woven Wire Fabric Shall Be Fastened To Each Post At The Top And Bottom Of Fabric And At Max. 2' Spacing In Between By Methods Approved By The Engineer.
3. Intermediate Post Assemblies Shall Be At 330' Intervals Or At Intervals To Utilize Standard Rolls To Minimize Cutting And Waste.
4. Posts Shall Be Heavy Duty T-Post (133), Conforming To ASTM A702 And Tubular Steel Posts Schedule 40 pipe.
5. Posts Shall Be Galvanized And Painted Matte Black. Round Posts Shall Be Placed At Every 3rd Post Location, With Concrete Footing At Base Of Post, But Without Brace Assembly.
6. Note Not Used.
7. In Locations Where Solid Rock Occurs, The Contractor Shall Place Posts In 4" Diameter Holes Grouted Solid, Or As Approved By The Engineer.
8. Note Not Used.
9. All Round Posts Shall Be Fitted With Approved Top Caps, Which Shall Be Designed To Fit Securely.
10. It Is Estimated That Up To 40% Of Fence Post Locations May Need To Be Installed In Lava Flow Bedrock Or Rock Fields. See General Note 7.

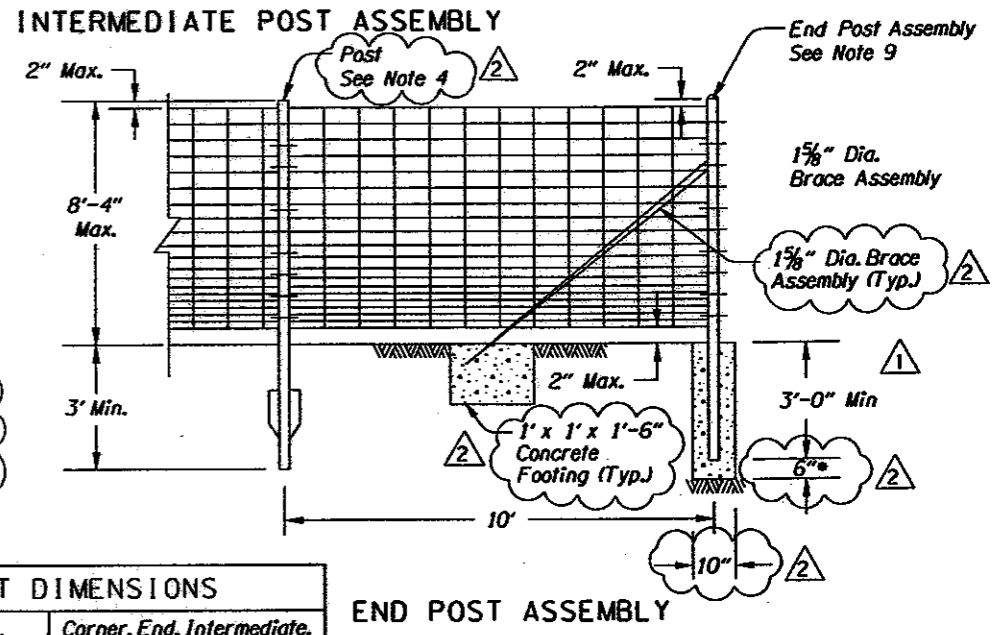


WOVEN WIRE FABRIC
 Woven Wire Fabric Shall Conform To ASTM A116-05 Design No. 2096-12-12 1/2 Type Z, Class 3 Factory-Painted Matte Black.



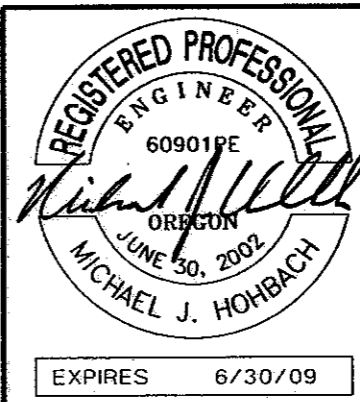
TYPICAL POST DIMENSIONS

Fabric Height	Length	Line Posts	Corner, End, Intermediate, Latch And Pull Posts
		T-Posts (133)	Round (Sch 40)
8'-0"	144"	1.375" x 1.375"	2.875"



WILDLIFE FENCE INSTALLATION

2 Addendum No. 6 May 8, 2009
 1 Addendum No. 1 April 9, 2009



OREGON DEPARTMENT OF TRANSPORTATION

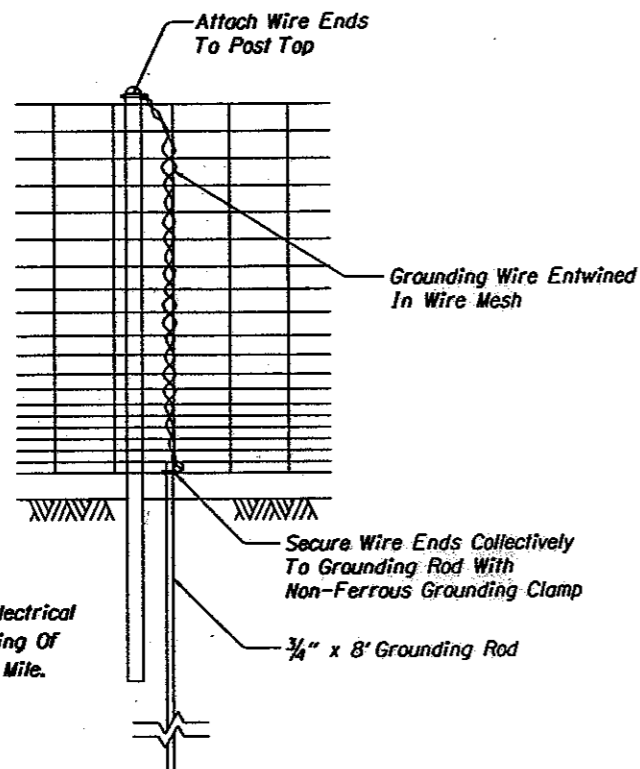
DAVID EVANS AND ASSOCIATES, INC.
 2100 Southwest River Parkway
 Portland Oregon 97201 Ph: 503.223.6663

US 97: LAVA BUTTE - S. CENTURY DR.
 THE DALLES - CALIFORNIA HIGHWAY
 DESCHUTES COUNTY

Reviewed By - *DES*
 Designed By - Phil Rickus
 Drafted By - Kelly Roper

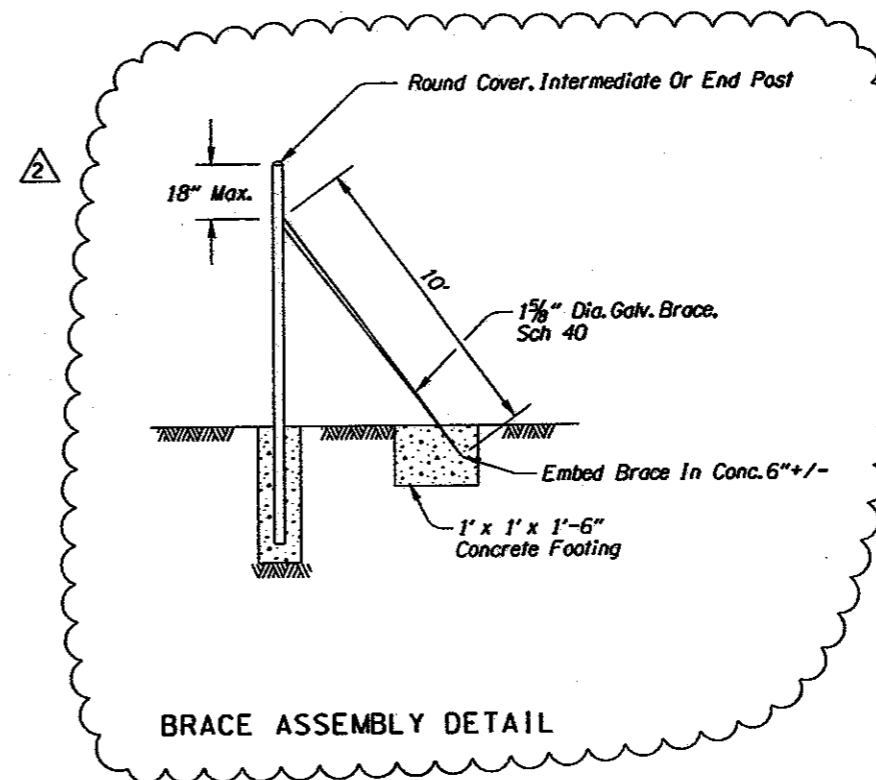
WILDLIFE FENCE DETAILS

SHEET NO. **2B-8**

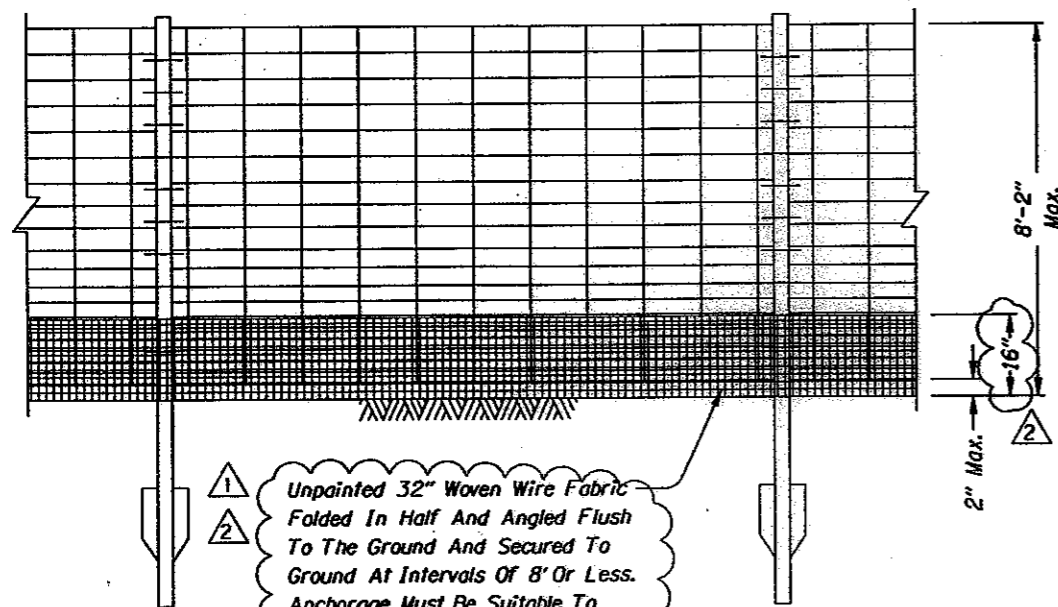


NOTE:
If Fence Is Within 200' Of An Electrical Transmission Line, Required Spacing Of Grounding Locations Is Four Per Mile.

FENCE GROUNDING DETAIL

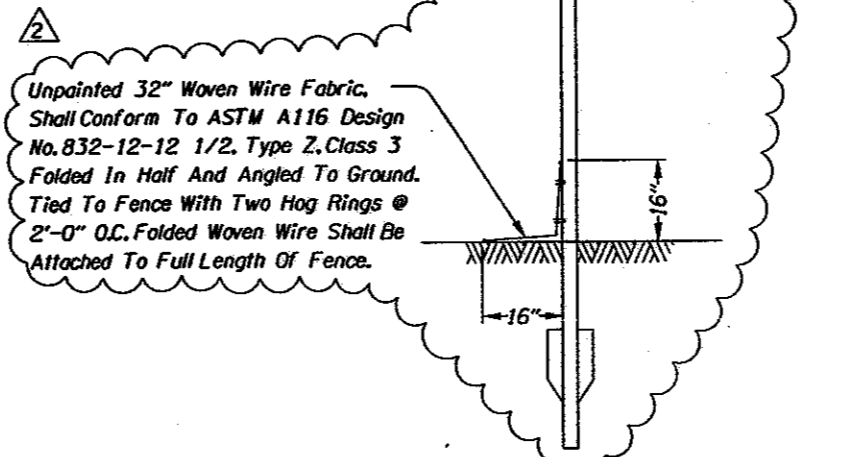


BRACE ASSEMBLY DETAIL



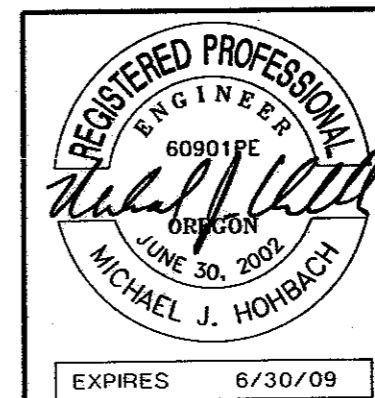
1
2
Unpainted 32" Woven Wire Fabric Folded In Half And Angled Flush To The Ground And Secured To Ground At Intervals Of 8' Or Less. Anchorage Must Be Suitable To Ground Conditions And Approved By Engineer.

FOLDED WOVEN WIRE



2
Unpainted 32" Woven Wire Fabric, Shall Conform To ASTM A116 Design No. 832-12-12 1/2, Type Z, Class 3 Folded In Half And Angled To Ground. Tied To Fence With Two Hog Rings @ 2'-0" O.C. Folded Woven Wire Shall Be Attached To Full Length Of Fence.

2 Addendum No. 6 May 8, 2009
1 Addendum No. 1 April 9, 2009



<p>OREGON DEPARTMENT OF TRANSPORTATION</p>	
<p>DAVID EVANS AND ASSOCIATES, INC. 2100 Southwest River Parkway Portland Oregon 97201 Ph: 503.223.6663</p>	
<p>US 97-LAVA BUTTE - S. CENTURY DR. THE DALLES - CALIFORNIA HIGHWAY DESCHUTES COUNTY</p>	
<p>Reviewed By - <i>DES</i> Designed By - Phil Rickus Drafted By - Kelly Roper</p>	
<p>WILDLIFE FENCE DETAILS</p>	<p>SHEET NO. 28-9</p>