



# Oregon

Theodore R. Kulongoski, Governor

Department of Transportation  
Technical Services  
Roadway Engineering Section  
355 Capitol Street NE, Room 222  
Salem, OR 97301-3871  
Telephone 503-986-3714  
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DATE: April 16, 2009

Addenda No. 1

TO: PLAN HOLDERS

PREPARED BY:

*Jedrich P. Maddy*

APPROVED BY:

*T. J. Hill* P.E.

SUBJECT: US97: OR34 Hwy Jct – SCL Crescent Section  
The Dalles-California Highway  
Deschutes & Klamath Counties  
Grading, Paving and Signing Project  
(Bids to be opened and read April 23, 2009)

**The following changes are made to the Project Bid Booklet:**

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

a. Quantity changes:

<u>Number</u>	<u>Item</u>	<u>Quantity</u>	
		<u>Original</u>	<u>New</u>
0040	TEMPORARY SIGNS	840	970
0070	TEMPORARY PLASTIC DRUMS	460	18
0120	FLAGGERS	1,400	3,500
0130	FLAGGER STATION LIGHTING	4	6
0330	LEVEL 4, 1/2 INCH DENSE LIME TREATED HMAC	67,000	72,000

b. Deleted items:

<u>Number</u>	<u>Item</u>
0060	TEMPORARY IMPACT ATTENUATOR, TRUCK MOUNTED
0190	REMOVAL OF DELINEATORS
0200	REMOVAL OF GUARDRAIL
0340	LEVEL 4, 1/2 INCH DENSE LIME TREATED HMAC IN LEVELING

0460 PAVEMENT LEGEND, TYPE A: ARROWS  
0470 PAVEMENT BAR, TYPE A

c. Added items:

<u>Number</u>	<u>Item</u>	<u>Unit</u>	<u>Quantity</u>
0620	PILOT CAR	HR	500
0630	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	ALL
0640	PAVEMENT LEGEND, TYPE B: ARROWS	EACH	12
0650	PAVEMENT BAR, TYPE B	SQFT	281

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. Section **00160 Source of Materials** - This Section is replaced with the following Section:

**SECTION 00160 - SOURCE OF MATERIALS**

Comply with Section 00160 of the Standard Specifications.

2. Subsection **00220.40(e) Lane Restrictions** - The paragraph that begins with the words "In any multi-lane section" is replaced with the following:

In any multi-lane section, maintain at least one lane of traffic in each direction, during the times listed above.

3. Subsection **00290.20(c-3) Reuse, Recycle, and Dispose of Materials** - This subsection is replaced with the following subsection:

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

- Reuse demolition debris.

4. Subsection **00620.42 Disposal of Materials** - This subsection is replaced with the following subsection:

**00620.42 Disposal of Materials** - Replace this subsection, except for the subsection number and title, with the following:

Dispose of all materials according to 00290.20.

- 5. Subsection **00748.90 Payment** - This entire subsection is deleted.
- 6. Subsection **00867.90 Payment** - This subsection is replaced with the following subsection:

**00867.90 Payment** - Replace this subsection, except for the subsection number and title, with the following:

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 items:

<b>Pay Item</b>	<b>Unit of Measurement</b>
(a) Pavement Legend, Type B: Arrows.....	Each
(b) Pavement Bar, Type B .....	Square Foot

Item (a) includes single or multiple headed arrows as required.

Item (b) includes all transverse pavement markings that are defined as a "BAR", including but not limited to, stop bars, crosswalk bars, chevron bars, transverse median bars, and transverse shoulder bars.

Payment will be payment in full for furnishing and placing all materials, and for furnishing all equipment, labor, and incidentals necessary to complete the work as specified.

Payment for work under this Section will be limited to 75% of the amount due until the Agency has received the signed warranty.

**The following changes are made to the Project Plans:**

- 1. Plan sheets 2, 2A-2, 2B-2 are replaced with revised plan sheets 2, 2A-2, 2B-2.

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.

fm:ts

Attachments: New Bid Sheets  
Revised Plan Sheets

BID SCHEDULE

CONTRACT ID: 13994  
PROJECT KEY: 13841

PROJECT: US97: OR31 HWY JCT - SCL CRESCENT  
ADDENDUM NUMBER: 1

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	400.00	
0020	0210-0100000A MOBILIZATION	LS	ALL	
0030	0225-0100000A TEMPORARY PROTECTION AND DIRECTION OF TRAFFIC	LS	ALL	
0040	0225-0102000J TEMPORARY SIGNS	SQFT	970.00	
0050	0225-0105000E TEMPORARY BARRICADES, TYPE III	EACH	6.00	
0060	0000-0100000A DELETED BID ITEM	LS	ALL	0.00
0070	0225-0145000E TEMPORARY PLASTIC DRUMS	EACH	18.00	
0080	0225-0149000E TEMPORARY FLEXIBLE PAVEMENT MARKERS	EACH	30,500.00	
0090	0225-0153000F TEMPORARY STRIPING	FOOT	170,000.00	
0100	0225-0162000E SEQUENTIAL ARROW SIGNS	EACH	2.00	
0110	0225-0164000E PORTABLE CHANGEABLE MESSAGE SIGNS	EACH	3.00	
0120	0225-0168000T FLAGGERS	HOUR	3,500.00	

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ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0130	0225-0168100E FLAGGER STATION LIGHTING	EACH 6.00		
0140	0225-0169000E TRAFFIC CONTROL SUPERVISOR	EACH 65.00		
0150	0280-0100000A EROSION CONTROL	LS ALL		
0160	0280-0112000F SEDIMENT FENCE, SUPPORTED	FOOT 500.00		
0170	0290-0100000A POLLUTION CONTROL PLAN	LS ALL		

SECTION 0002 ROADWORK

0180	0305-0100000A CONSTRUCTION SURVEY WORK	LS ALL		
0190	0000-0100000A DELETED BID ITEM	LS ALL	0.00	0.00
0200	0000-0100000A DELETED BID ITEM	LS ALL	0.00	0.00
0210	0310-0119000F ASPHALT PAVEMENT SAW CUTTING	FOOT 3,500.00		
0220	0330-0101000K DITCH EXCAVATION	CUYD 8.00		
0230	0330-0105000K GENERAL EXCAVATION	CUYD 238.00		
0240	0331-0106000J 12 INCH SUBGRADE STABILIZATION	SQYD 500.00		

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ADDENDUM NUMBER: 1

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0250	0370-0100000A FINISHING ROADBEDS	LS ALL		

SECTION 0003 BASES

0260	0620-0104000J COLD PLANE PAVEMENT REMOVAL, 0 - 2 INCHES DEEP	SQYD 1,600.00		
0270	0620-0112000J COLD PLANE PAVEMENT REMOVAL, 2 - 4 INCHES DEEP	SQYD 980.00		
0280	0620-0120000J COLD PLANE PAVEMENT REMOVAL, 2 INCHES DEEP	SQYD 231,000.00		
0290	0620-0123000J COLD PLANE PAVEMENT REMOVAL, 4 INCHES DEEP	SQYD 27,900.00		
0300	0641-0102000M AGGREGATE BASE	TON 580.00		
0310	0641-0130000M AGGREGATE SHOULDERS	TON 5,900.00		

SECTION 0004 WEARING SURFACES

0320	0730-0100000M EMULSIFIED ASPHALT FOR TACK COAT	TON 150.00		
0330	0745-0422000M LEVEL 4, 1/2 INCH DENSE LIME TREATED HMA	TON 72,000.00		
0340	0000-0100000A DELETED BID ITEM	LS ALL	0.00	0.00
0350	0745-9Z90000M PG 70-28 ER ASPHALT IN HMA	TON 4,402.00		

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PROJECT: US97: OR31 HWY JCT - SCL CRESCENT  
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ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0360	0748-9Z90000J 23 INCH ASPHALT CONCRETE PAVEMENT REPAIR	1,630.00 SQYD		
0370	0749-0100000E EXTRA FOR ASPHALT APPROACHES	37.00 EACH		

SECTION 0005 PERMANENT TRAFFIC SAFETY AND GUIDANCE DEVICES

0380	0810-0104000F GUARDRAIL, TYPE 2A	200.00 FOOT		
0390	0810-0129000E GUARDRAIL TERMINALS, NON-FLARED	1.00 EACH		
0400	0810-0130000E GUARDRAIL TERMINALS, FLARED	1.00 EACH		
0410	0812-0101000F ADJUSTING GUARDRAIL	1,300.00 FOOT		
0420	0840-0102000E DELINEATORS, TYPE 2	450.00 EACH		
0430	0840-0106000E MILEPOST MARKER POSTS	13.00 EACH		
0440	0851-0101000F PAVEMENT LINE REMOVAL	7,800.00 FOOT		
0450	0860-0200000F LONGITUDINAL PAVEMENT MARKINGS - PAINT	215,000.00 FOOT		
0460	0000-0100000A DELETED BID ITEM	ALL LS	0.00	0.00
0470	0000-0100000A DELETED BID ITEM	ALL LS	0.00	0.00

SECTION 0006 PERMANENT TRAFFIC CONTROL AND ILLUMINATION SYSTEMS

BID SCHEDULE

CONTRACT ID: 13994  
PROJECT KEY: 13841

PROJECT: US97: OR31 HWY JCT - SCL CRESCENT  
ADDENDUM NUMBER: 1

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0480	0905-0100000A REMOVE EXISTING SIGNS	LS ALL		
0490	0910-0100000K WOOD SIGN POSTS	FBM 1,230.00		
0500	0920-0100000A SIGN SUPPORT FOOTINGS	LS ALL		
0510	0930-0110000A SECONDARY SIGN MOUNTS	LS ALL		
0520	0930-0112000A TRIANGULAR BASE BREAKAWAY SIGN SUPPORTS	LS ALL		
0530	0940-0102000J TYPE "B" SIGNS IN PLACE	SQFT 11.00		
0540	0940-0113000J TYPE "G" SIGNS IN PLACE	SQFT 311.00		
0550	0940-0121000J TYPE "R" SIGNS IN PLACE	SQFT 99.00		
0560	0940-0124000J TYPE "W1" SIGNS IN PLACE	SQFT 140.00		
0570	0940-0134000J TYPE "Y1" SIGNS IN PLACE	SQFT 70.00		

SECTION 0007 RIGHT-OF-WAY DEVELOPMENT AND CONTROL

0580	1030-0101000R WEED CONTROL	ACRE 1.00		
0590	1070-0100000E SINGLE MAILBOX SUPPORTS	EACH 4.00		

BID SCHEDULE

CONTRACT ID: 13994  
PROJECT KEY: 13841

PROJECT: US97: OR31 HWY JCT - SCL CRESCENT  
ADDENDUM NUMBER: 1

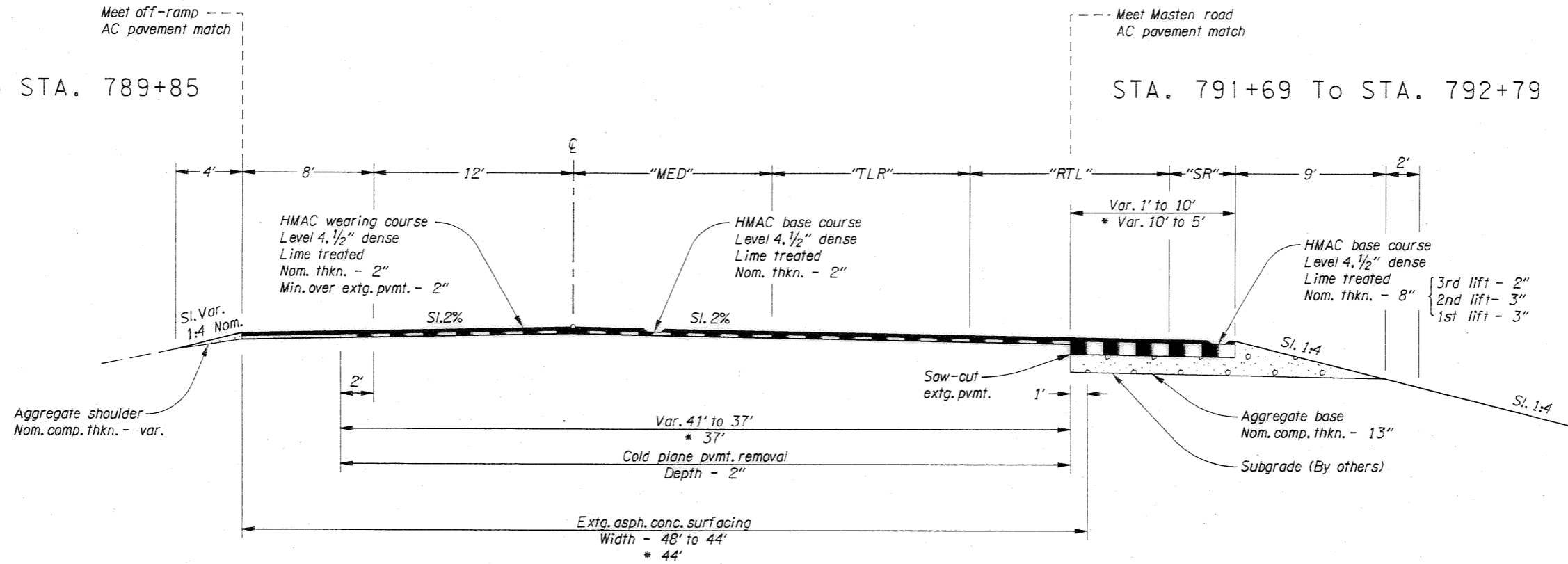
ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0600	1070-0101000E MULTIPLE MAILBOX SUPPORTS	EACH 2.00		
0610	1070-0102000E MAILBOX CONCRETE COLLARS	EACH 6.00		

SECTION 0008 ADDED BID ITEMS

0620	0225-0172000T PILOT CARS	HOUR 500.00		
0630	0310-0106000A REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS ALL		
0640	0867-0103000E PAVEMENT LEGEND, TYPE B: ARROWS	EACH 12.00		
0650	0867-0145000J PAVEMENT BAR, TYPE B	SQFT 281.00		
	TOTAL BID			

STA. 787+63 To STA. 789+85

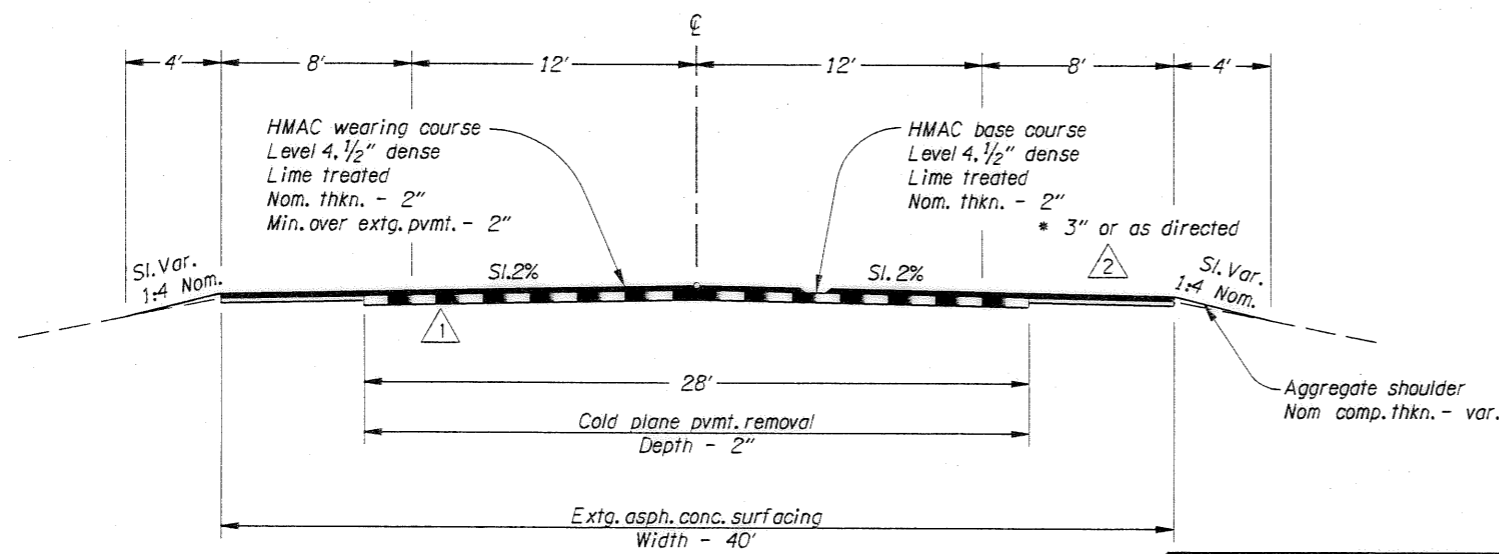
STA. 791+69 To STA. 792+79



(For additional details not shown, see sht. 2B-2)

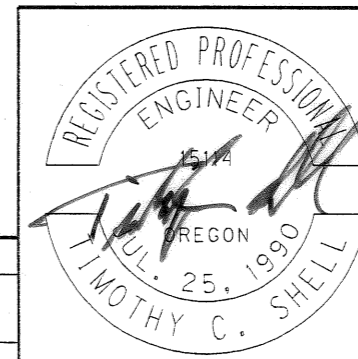
STA. 786+63 To STA. 787+63 (AC Pavement Match)  
 787+63 To 789+17  
 \* 789+17 To 792+79

STA. To STA.	"MED"	"TLR"	"RTL"	"SR"
	(feet)	(feet)	(feet)	(feet)
786+63.00 787+49.00	11.4 to 0		0	4
786+63.00 789+94.00		15.3 to 12		
787+49.00 789+17.00			0 to 12	4
789+17.00 791+69.00			12	4
789+67.00 792+79.00	0			
790+94.00 792+79.00		12		
791+69.00 792+79.00			12 to 0	4 to 8



\*STA. 792+79 To STA. 910+60  
 910+60 995+00

REVISIONS	
①	Revised 4-16-09 Removed HMAC leveling course
②	Revised 4-16-09 Revised thickness of HMAC base course



RENEWS: 06-30-2010

NOTE:  
 1. Side-slopes are shown as vert. to horiz.  
 2. All dimensions are shown in feet unless otherwise noted.

**OREGON DEPARTMENT OF TRANSPORTATION**

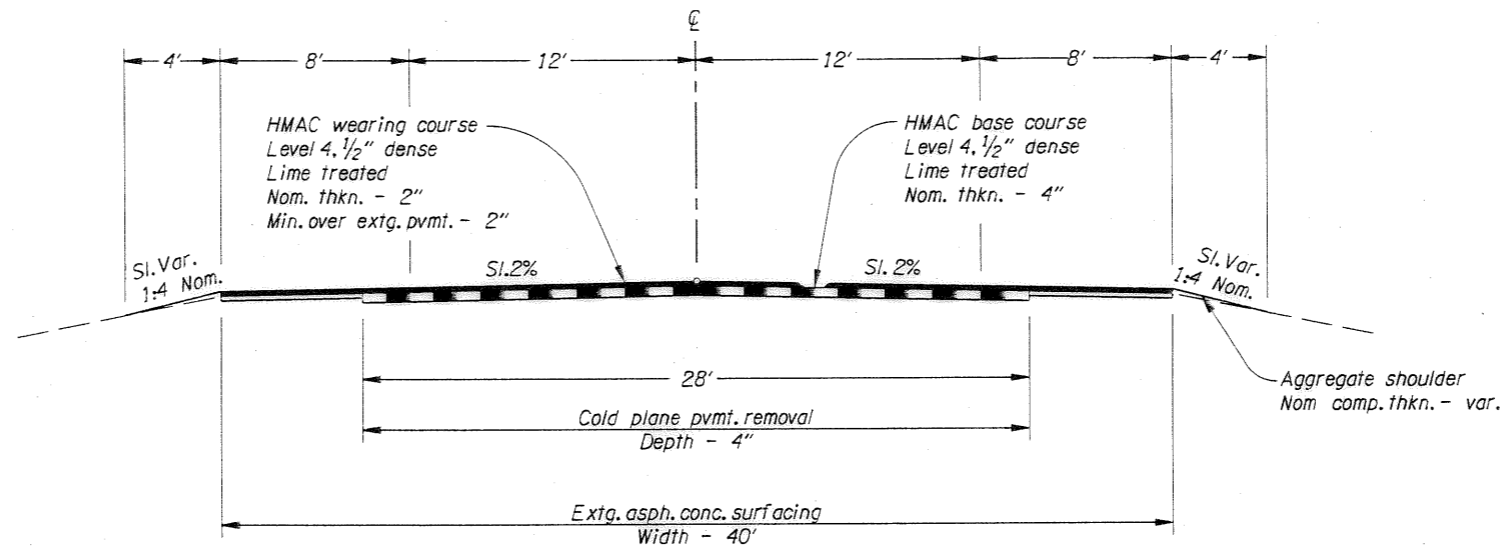
**kpff** Consulting Engineers 111 SW 5th Avenue Suite 2500 Portland, Oregon 97204 503-227-9251

**US97: OR31 HWY JCT - SCL CRESCENT**  
 THE DALLES-CALIFORNIA  
 DESCHUTES & KLAMATH COUNTIES

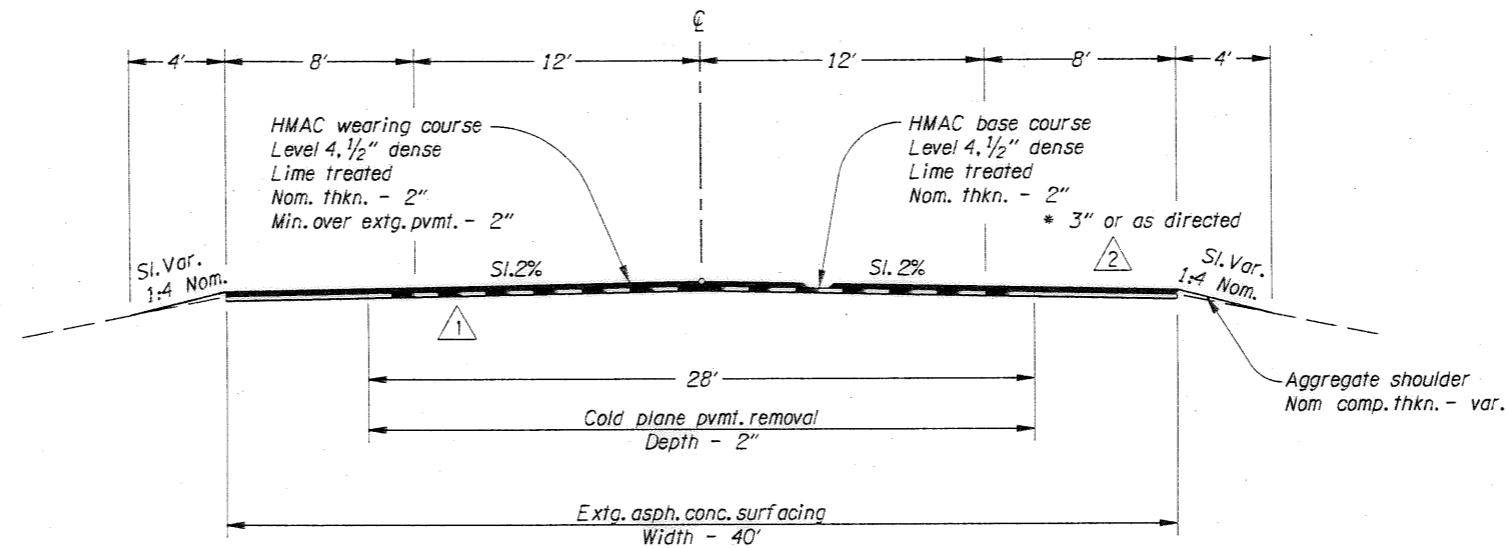
Design Team Leader - T. SHELL  
 Designed By - F. MADDOX / M. BEYER  
 Drafted By - R. CADUA

**TYPICAL SECTIONS**

SHEET NO. 2



STA. 1175+30 To 1264+80



STA. 1264+80 Thru [EQUA. 1357+77.21 Bk.=] To STA. 1356+77.20  
 \*1356+77.20 To 1457+00  
 1457+00 To 1490+00

NOTE:  
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**OREGON DEPARTMENT OF TRANSPORTATION**

**kpf** Consulting Engineers 111 SW 5th Avenue Suite 2500 Portland, Oregon 97204 503-227-3251

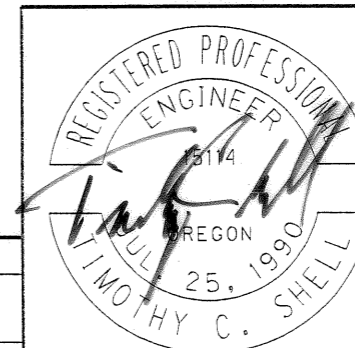
**US97: OR31 HWY JCT - SCL CRESCENT**  
 THE DALLES-CALIFORNIA  
 DESCHUTES & KLAMATH COUNTIES

Design Team Leader - T. SHELL  
 Designed By - F. MADDOX / M. BEYER  
 Drafted By - R. CADUA

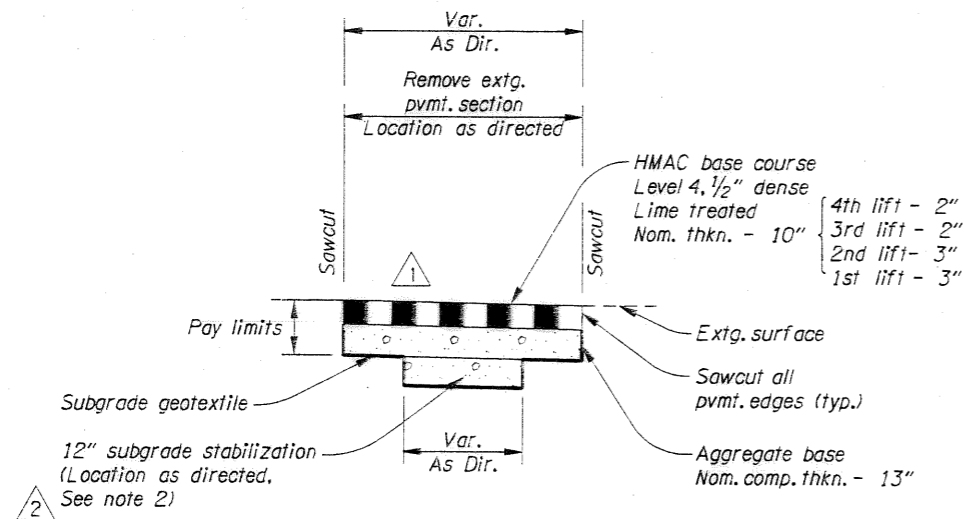
**TYPICAL SECTIONS**

SHEET NO.  
**2A-2**

REVISIONS	
1	Revised 4-16-09 Removed HMAC leveling course
2	Revised 4-16-09 Revised thickness of HMAC base course



RENEWS: 06-30-2010



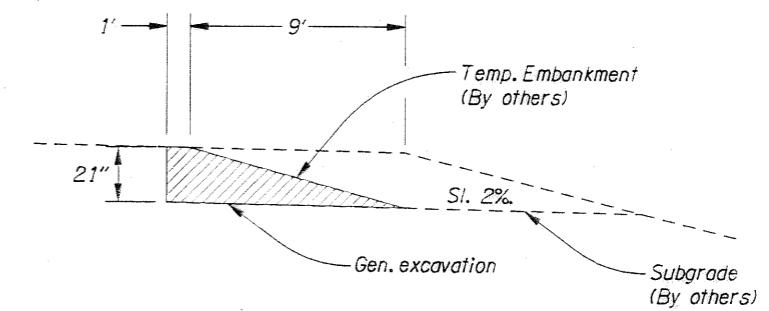
ASPHALT CONCRETE PAVEMENT REPAIR					
App. MP	Dir	Width (ft)	Len (ft)	Area (sq ft)	Area (sq yd)
171.38	NB	12	30	360	40
172.73	NB	13	150	1950	217
178.25	SB	12	350	4200	467
178.30	NB	12	350	4200	467
178.60	NB	12	50	600	67
178.60	SB	12	50	600	67
179.58	NB	12	75	900	100
179.61	SB	12	75	900	100
181.59	NB	12	80	960	107
Total				1,630	

NOTES:

1. Locations shown in the "Asphalt Concrete Pavement Repair" table are approximate and based on preliminary visual inspection. Exact locations are to be determined in the field, at the time of construction, by an agency representative.

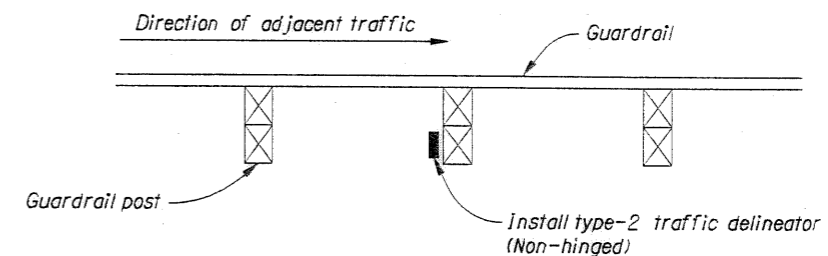
2. 12" subgrade stabilization shown paid for separately under the bid item "12 inch subgrade stabilization".

ASPHALT CONCRETE PAVEMENT REPAIR  
(LOCATION AS DIRECTED)



(For surfacing details not shown, see sht. 2)

FINISHING ROADBED AT MASTEN ROAD



Note:  
See drg. no. TM570 for additional standard traffic delineator installation information

DELINEATOR INSTALLATION AT GUARDRAIL LOCATIONS

MANDATORY STAGING AREAS WITHIN EXISTING R/W

SITE #	APPROXIMATE M.P.	Lt.	Rt.	Comments
1	169.56		X	Shldr. area of road. 15.0' from E.P.
2	173.67		X	North end of passing lanes R/W paddle 997+06.03 200.0 Rt.
3	175.09		X	At this point there is a road that is not identified. Survey Control point # 1584 Rt.
4	176.51		X	R/W Paddle in area. 1143+41.8 200.0 Rt.
5	178.13		X	Shldr. Area of Road. 15.0' from E.P.
6	180.48	X		Old Access Road, BM Paddle in the area. BM # 4354
7	182.32		X	Access Road and a wide area that will allow traffic pass equipment
8	183.99		X	North end of Gilchrist. R/W paddle on the Lt. 1536+23.13. 20.0 from E.P.

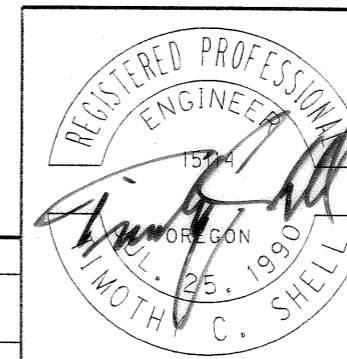
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Design Team Leader - T. SHELL  
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Drafted By - R. CADUA



RENEWS: 06-30-2010

REVISIONS	
1	Revised 4-16-09 Deleted wearing course from detail
2	Revised 4-16-09 Added note

DETAILS

SHEET NO.

2B-2