



Oregon

Theodore R. Kulongoski, Governor

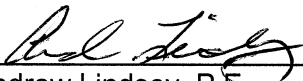
Department of Transportation
Technical Services
Roadway Engineering Section
355 Capitol Street NE, Room 222
Salem, OR 97301-3871
Telephone 503-986-3714
FAX 503-986-3749

DATE: February 14, 2007

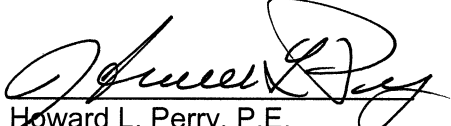
Addenda No. 2

TO: PLAN HOLDERS

PREPARED BY:


Andrew Lindsey, P.E.
Anderson-Perry & Associates, Inc.

APPROVED BY:


Howard L. Perry, P.E.
Anderson-Perry & Associates, Inc.

SUBJECT: OR82: Riddle Road (La Grande) – Imbler Section
Wallowa Lake Highway
Union County
Grading, Drainage, Paving, Signing, and Signals Project
(Bids to be opened and read February 22, 2007)

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>
0030	Temporary Signs	500	1,000
0200	Removal of Pipes	45	120
0290	66 inch Arch Type Pipe, 10 Ft. Depth	220	195
0360	Connection to Existing Structures	2	1
0410	Cold Plane Pavement Removal, 6 inch Deep	1,024,800	930,800
0630	Guardrail Terminals, Non-Flared, Test Level 2	4	2
0690	Painted Permanent Pavement Striping	140,000	110,000

OR82: Riddle Road (La Grande) – Imbler Section
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b. Added items:

<u>Number</u>	<u>Item</u>	<u>Unit</u>	<u>Quantity</u>
0870	Type II Barricades	EACH	3
0880	Cold Plane Pavement Removal, 0-6 inch Deep	SF	94,000
0890	Cold Plane Pavement Removal, 0-2 inch Deep	SF	2,200
0900	Guardrail Terminals, Non-Flared	EACH	2
0910	24 inch Culvert Pipe, 5 Ft. Depth	FOOT	10

c. Name changes:

<u>Number</u>	<u>Item</u>
0680	Permanent Pavement Striping Tape, Patterned, Grooved

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. Subsection 00850.02 - Definitions. The following paragraph is added after the paragraph that begins "Type A":

Type B - Preformed Fused Thermoplastic Film - Preformed, fused, thermoplastic film with intermixed reflective elements; with or without a separate application of additional reflective elements on the surface.

2. Subsection 00195.10(d) - Asphalt Cement Price Adjustment. The list that begins with the words "Pay Items" is replaced with the following:

Pay Items

Asphalt in Tack Coat
 PG 70-28 Asphalt in HMA

3. Subsection 00195.11 - Fuel Cost Price Adjustment. The list that begins with the words "Item" is replaced with the following:

Item	Fuel Factor
Cold Plane Pavement Removal, 2 inch	0.04 Gal./Sq.Yd.
Cold Plane Pavement Removal, 6 inch	0.04 Gal./Sq.Yd.
Cold Plane Pavement Removal, 0-2 inch	0.04 Gal./Sq.Yd.
Cold Plane Pavement Removal, 0-6 inch	0.04 Gal./Sq.Yd.
Embankment in Place	0.29 Gal./Cu.Yd.
Ditch Excavation	0.29 Gal./Cu.Yd.
Aggregate Base	0.69 Gal./Ton
Aggregate Shoulder	0.69 Gal./Ton
Level 3, 1/2-inch Dense, Lime Treated HMA	2.93 Gal./Ton
Level 3, 1/2-inch Dense, Lime Treated HMA in Leveling	2.93 Gal./Ton

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4. Subsection 00950.42 - Stockpiling Existing Materials. The list that begins with the word "Materials" is replaced with the following:

Materials	Stockpile Locations
Internal Components only of 6 Pedestrian Signals	3012 Island Avenue La Grande, Oregon

5. Subsection 00990.90 - General. The paragraph that begins with the words "In addition" is replaced with the following:

"In addition, Item (a) also includes removing existing internal components of 6 pedestrian signals, salvaging and stockpiling said traffic signal equipment as specified and the installation of 6 new internal components for count down pedestrian signals."

6. Subsection 00851.90 - General. The paragraph that begins with the words "Permanent pavement striping" is replaced with the following:

"Permanent pavement striping tape shall be used from Sta. "L" 60+60 through "L2" 126+09."

7. Subsection 00861.90 - General. The paragraph that begins with the words "Painted Permanent" is replaced with the following:

"Painted permanent striping shall be used from Sta. "L2" 126+09 through "L2" 604+65."

8. Subsection 00745.96 - Smoothness Price Adjustment. The paragraph that begins with the words "The price adjustment will" is replaced with the following:

"The price adjustment will be applied to the Contract unit price for the Pay items "Level 3, 1/2 inch Dense Lime Treated HMA" and "PG 70-28 Asphalt in HMA" for the quantity of material described above according to the following.

9. Subsection 00745.49(b-2-b) - Core Correlations of Nuclear Gauge Readings. This subsection is replaced with the following subsection:

00745.49(b-2-b) Core Correlations of Nuclear Gauge Readings - Correlate each nuclear gauge for each new lift and each JMF on the Project. New correlations are required if the aggregate source or the asphalt cement source changes. Apply correlation factors to all nuclear gauge readings for all dense graded mixtures placed on the Project. Cut the required cores and patch the core holes with dense graded HMA at the Contractor's expense. Determine the core correlation factor according to WAQTC TM 8 and ODOT TM 327.

10. Subsection 00745.49(b-3) - Moving Average Maximum Density (MAMD) Method. This subsection is replaced with the following subsection:

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00745.49(b-3) Moving Average Maximum Density (MAMD) Method - The MAMD is the average of the current MDT and, if available, the four previous MDT's for the JMF used. Determine each MDT using the Gmm determined according to AASHTO T 209 and calculate the MAMD according to ODOT TM 305.

Compact all types of HMAC to at least 92.0% of MAMD for all lifts.

11. Subsection 00220.40(g) - Hwy 82 Culvert Work. This subsection is added after subsection 00220.40(f).

00220.40(g) Hwy 82 Culvert Work – Construction of the culvert pipe crossing Hwy 82 at approximate Station "A" 216+80 will require alternating one-way traffic operations controlled by 24 hour flagging. Once culvert construction begins, vigorously prosecute and complete this work. A maximum of 96 hours will be allowed for a pay quantity for all 24-hour flagger control required for this Work.

12. Subsection 00220.40(h) Pierce Rd Culvert Work. This subsection is added after subsection 00220.40(g).

00220.40(h) Pierce Rd Culvert Work – The Contractor may close Pierce Rd north of Hwy 82 for a maximum of 14 calendar days to accommodate construction of the culvert pipe crossing Pierce Rd. Notify the Engineer at least 14 calendar days in advance of the closure.

The following changes are made to the Project Plans:

1. Plan sheets 2A-4, 2A-6, 2C, 20A, 23, ST-1, ST-2, and 75353 are replaced with revised plan sheets 2A-4, 2A-6, 2C, 20A, 23, ST-1, ST-2, and 75353.

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.

AL:dl

Attachments: New Bid Sheets
Revised Plan Sheet(s)

BID SCHEDULE

REVISED:

CONTRACT ID: 13335

PROJECT: OR82: RIDDLE ROAD (LA GRANDE) -
IMBLER SEC.

PROJECT KEY: 15128

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
SECTION 0001 TEMPORARY FEATURES AND APPURTENANCES				
0010	MOBILIZATION	LS ALL		
0020	TEMPORARY PROTECTION AND DIRECTION OF TRAFFIC	LS ALL		
0030	TEMPORARY SIGNS	SQFT 1,000.00		
0040	TEMPORARY BARRICADES, TYPE III	EACH 20.00		
0050	TEMPORARY PLASTIC DRUMS	EACH 40.00		
0060	TEMPORARY FLEXIBLE PAVEMENT MARKERS	EACH 30,000.00		
0070	TEMPORARY NON-REMOVABLE TAPE	FOOT 100,000.00		
0080	SEQUENTIAL ARROW SIGNS	EACH 2.00		
0090	PORTABLE CHANGEABLE MESSAGE SIGNS	EACH 2.00		
0100	FLAGGERS	HOUR 1,700.00		
0110	PILOT CARS	HOUR 600.00		
0120	FLAGGER STATION LIGHTING	EACH 2.00		

BID SCHEDULE

REVISED:

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IMBLER SEC.

PROJECT KEY: 15128

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0130	EROSION CONTROL	LS ALL		
0140	CHECK DAMS	EACH 1.00		
0150	CONSTRUCTION ENTRANCES	EACH 2.00		
0160	SEDIMENT BARRIER	FOOT 500.00		
0170	POLLUTION CONTROL PLAN	LS ALL		

SECTION 0002 ROADWORK

0180	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS ALL		
0190	REMOVAL OF CURBS	FOOT 175.00		
0200	REMOVAL OF PIPES	FOOT 120.00		
0210	REMOVAL OF SURFACINGS	SQYD 1,575.00		
0220	CLEARING AND GRUBBING	LS ALL		
0230	DITCH EXCAVATION	CUYD 7,000.00		
0240	FOUNDATION EXCAVATION	CUYD 3,500.00		

BID SCHEDULE

REVISED:

CONTRACT ID: 13335

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IMBLER SEC.

PROJECT KEY: 15128

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0250	EMBANKMENT IN PLACE	12,000.00 CUYD		
0260	12 INCH SUBGRADE STABILIZATION	500.00 SQYD		
0270	SUBGRADE GEOTEXTILE	7,700.00 SQYD		
0280	LOOSE RIPRAP, CLASS 200	10.00 CUYD		

SECTION 0003 DRAINAGE AND SEWERS

0290	66 INCH ARCH TYPE PIPE, 10 FT DEPTH	195.00 FOOT		
0300	12 INCH STORM SEWER PIPE, 5 FT DEPTH	700.00 FOOT		
0310	SAFETY END SECTIONS, 66 INCH	4.00 EACH		
0320	CONCRETE STORM SEWER MANHOLES	4.00 EACH		
0330	CONCRETE INLETS, TYPE CG-2	5.00 EACH		
0340	CONCRETE INLETS, TYPE CG-3	1.00 EACH		
0350	ADJUSTING BOXES	7.00 EACH		
0360	CONNECTION TO EXISTING STRUCTURES	1.00 EACH		

BID SCHEDULE

REVISED:

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ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0370	ADJUSTING INLETS	EACH 8.00		
0380	CAPPING INLETS	EACH 1.00		
0390	MINOR ADJUSTMENT OF MANHOLES	EACH 27.00		

SECTION 0004 BASES

0400	COLD PLANE PAVEMENT REMOVAL, 2 INCH DEEP	SQFT 880,000.00		
0410	COLD PLANE PAVEMENT REMOVAL, 6 INCH DEEP	SQFT 930,800.00		
0420	AGGREGATE BASE	TON 4,300.00		
0430	AGGREGATE SHOULDERS	TON 3,500.00		

SECTION 0005 WEARING SURFACES

0440	ASPHALT IN TACK COAT	TON 150.00		
0450	LEVEL 3, 1/2 INCH DENSE LIME TREATED HMAC	TON 55,500.00		
0460	LEVEL 3, 1/2 INCH DENSE LIME TREATED HMAC IN LEVELING	TON 250.00		
0470	PG 70-28 ASPHALT IN HMAC	TON 3,600.00		

BID SCHEDULE

CONTRACT ID: 13335

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 IMBLER SEC.

PROJECT KEY: 15128

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0480	EXTRA FOR ASPHALT APPROACHES	EACH 3.00		
0490	EXTRA FOR ASPHALT SLOPE PAVING	SQFT 1,500.00		
0500	CONCRETE CURBS	FOOT 680.00		
0510	CURB AND GUTTER CONCRETE CURBS	FOOT 275.00		
0520	CONCRETE ISLANDS	SQFT 300.00		
0530	CONCRETE DRIVEWAYS, REINFORCED	SQFT 500.00		
0540	CONCRETE WALKS	SQFT 4,200.00		
0550	MONOLITHIC CURB AND SIDEWALKS	SQFT 1,000.00		

SECTION 0006 PERMANENT TRAFFIC SAFETY AND GUIDANCE DEVICES

0560	GUARDRAIL, TYPE 2A	FOOT 62.50		
0570	GUARDRAIL, TYPE 3	FOOT 37.50		
0580	GUARDRAIL, TYPE 4	FOOT 6.25		
0590	GUARDRAIL ANCHORS, TYPE 1 MODIFIED	EACH 4.00		

BID SCHEDULE

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 IMBLER SEC.

PROJECT KEY: 15128

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0600	GUARDRAIL END PIECES, TYPE C	EACH 1.00		
0610	THRIE BEAM END PIECES, TYPE B	EACH 3.00		
0620	GUARDRAIL TRANSITION	EACH 2.00		
0630	GUARDRAIL TERMINALS, NON-FLARED, TEST LEVEL 2	EACH 2.00		
0640	PAVEMENT LEGEND, TYPE B: ARROWS	EACH 46.00		
0650	PAVEMENT LEGEND, TYPE B: RAILROAD CROSSING MARKINGS	EACH 2.00		
0660	PAVEMENT LEGEND, TYPE B: BICYCLE LANE SYMBOLS	EACH 16.00		
0670	PAVEMENT LEGEND, TYPE A: "PEDESTRIAN CROSSWALK MARKINGS"	EACH 7.00		
0680	PERMANENT PAVEMENT STRIPING TAPE, PATTERNED, GROOVED	FOOT 60,000.00		
0690	PAINTED PERMANENT PAVEMENT STRIPING	FOOT 110,000.00		
0700	SURFACE MOUNTED TUBULAR MARKERS	EACH 28.00		
SECTION 0007 PERMANENT TRAFFIC CONTROL AND ILLUMINATION SYSTEMS				
0710	REMOVE EXISTING SIGNS	LS ALL		

BID SCHEDULE

CONTRACT ID: 13335

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 IMBLER SEC.

PROJECT KEY: 15128

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0720	WOOD SIGN POSTS	FBM 2,740.00		
0730	TYPE "G1" SIGNS IN PLACE	SQFT 450.00		
0740	TYPE "R" SIGNS IN PLACE	SQFT 175.00		
0750	TYPE "W1" SIGNS IN PLACE	SQFT 120.00		
0760	TYPE "Y1" SIGNS IN PLACE	SQFT 210.00		
0770	LOOP DETECTORS INSTALLATION	LS ALL		

SECTION 0008 RIGHT-OF-WAY DEVELOPMENT AND CONTROL

0780	MULCHING	ACRE 3.50		
0790	PERMANENT SEEDING	LS ALL		
0800	SOD LAWN	SQYD 200.00		
0810	REMOVING AND REBUILDING FENCE	FOOT 50.00		

SECTION 0009 ADDED BID ITEMS

0820	STONE EMBANKMENT	CUYD 50.00		
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BID SCHEDULE

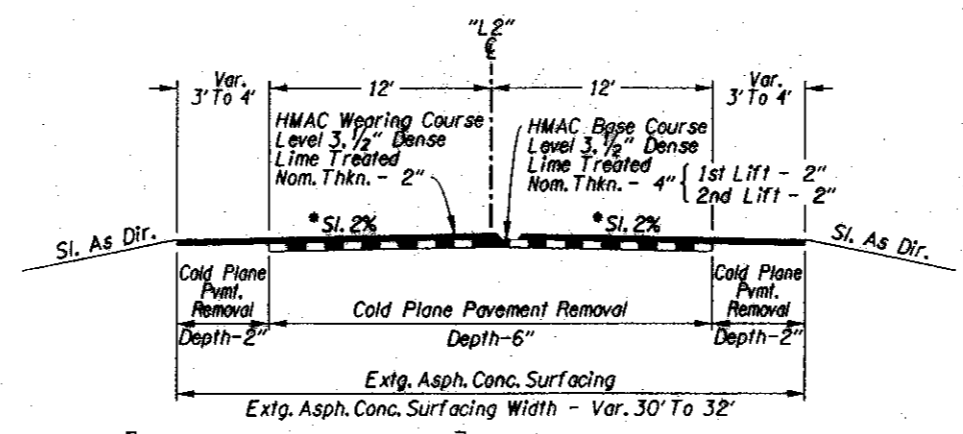
REVISED:

CONTRACT ID: 13335


PROJECT: OR82: RIDDLE ROAD (LA GRANDE) -
IMBLER SEC.

PROJECT KEY: 15128

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0830	PAVED CULVERT END SLOPES	600.00 SQFT		
0840	CONCRETE INLETS, TYPE G-2MA	2.00 EACH		
0850	STRUCTURE EXCAVATION	ALL LS		
0860	CONSTRUCTION SURVEY WORK	ALL LS		
0870	TYPE II BARRICADES	3.00 EACH		
0880	COLD PLANE PAVEMENT REMOVAL, 0 - 6 INCH DEEP	94,000.00 SQFT		
0890	COLD PLANE PAVEMENT REMOVAL, 0 - 2 INCH DEEP	2,200.00 SQFT		
0900	GUARDRAIL TERMINALS, NON-FLARED	2.00 EACH		
0910	24 INCH CULVERT PIPE, 5 FT DEPTH	10.00 FOOT		
	TOTAL BID			

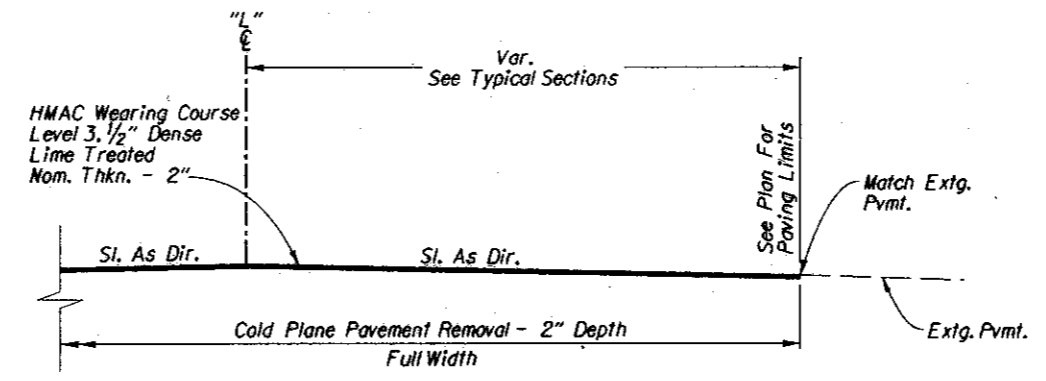


* Road Surface Shall Be Cross Graded By Using The Fog Line As A Reference On Each Side Of The Road And Grading Toward The Centerline. The Superelevation Of The Existing Road From Sta. 240+00± To Sta. 290+00± Shall Be Maintained.

STA. "L2" 227+93 Thru [EQUA. "L" 300+52.28 BK. = 300+52.39 AH. =] To STA. "L2" 321+30
 STA. "L2" 321+30 To STA. "L2" 436+00 (Market Ln. To Alicel Ln. - No Work) 
 STA. "L2" 436+00 Thru [EQUA. "L" 499+79.94 BK. = 499+81.09 AH. =] To STA. "L2" 609+03

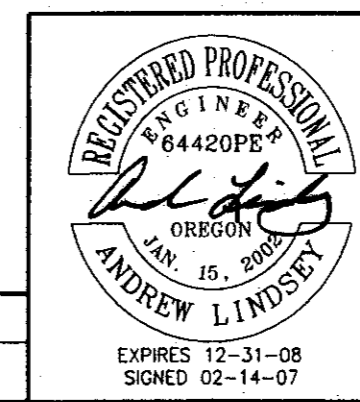
PAVED ROAD CONNECTION TABLE

Station	Approx. Width	Description
"L" 80+70, Rt.	40	Unnamed Street
"L" 122+81, Rt.	35'	McAlister Rd.
"L" 122+88, Rt.	45'	Highway No. 237
"L2" 120+00, Lt.	75'	N. McAlister Rd.



SEE PAVED ROAD CONNECTION TABLE

- Notes:
1. Side-Slopes Are Shown As Vert. To Horiz.
 2. For Standard Superelevation, See Drg. No. RD200.
 3. For Slope Rounding, See Drg. No. RD230.
 4. For Channelization & Intersection Details, See Drg. Nos. RD215, RD220 & RD225.




OREGON DEPARTMENT OF TRANSPORTATION
ROADWAY ENGINEERING SECTION

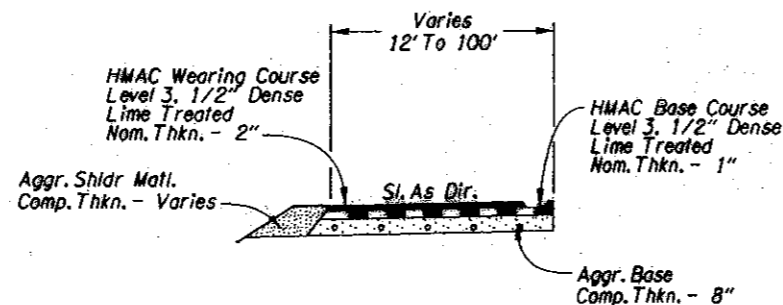
OR 82: RIDDLE ROAD (LA GRANDE) - IMBLER SEC.
 WALLOWA LAKE HIGHWAY
 UNION COUNTY

Reviewed By - H. Perry
 Designed By - A. Lindsey
 Drafted By - L. Hubof

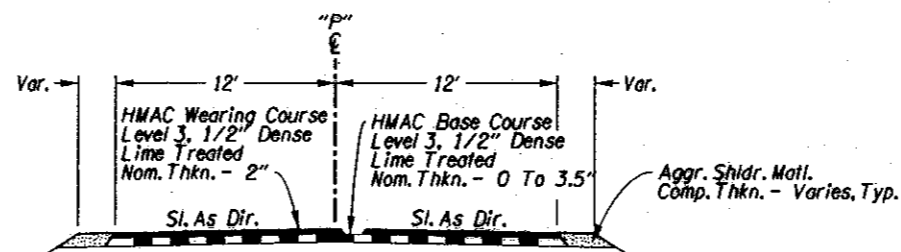
TYPICAL SECTIONS

SHEET NO. **2A-4**

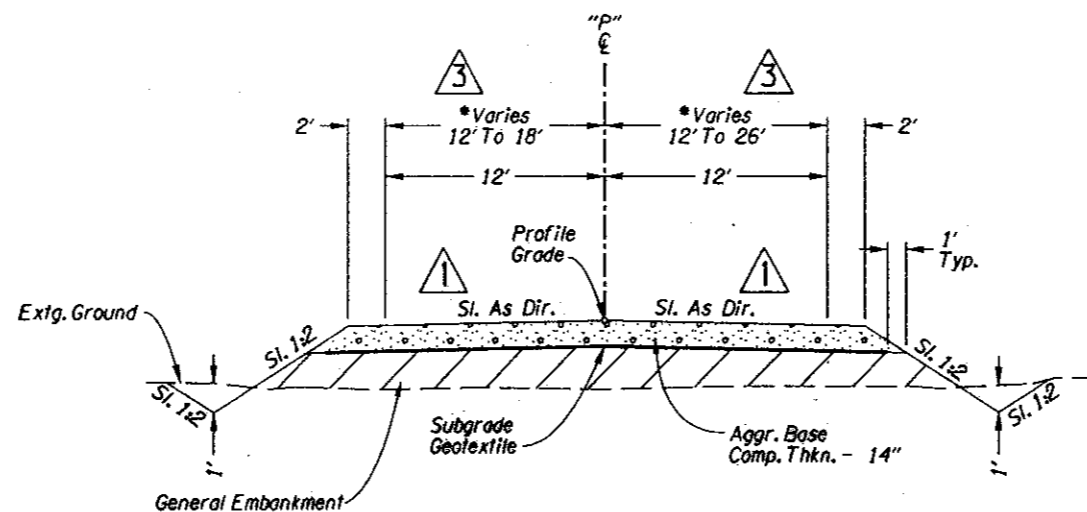
REVISIONS	
	Revised 02-14-07 Revised Typical Section



STA. "P" 1+00 To STA. "P" 1+82
 "P" 1+92 To "P" 2+62



△ 2 STA. "P" 0+60 To STA. "P" 1+82±
 "P" 1+82± To "P" 1+92± (No Work Railroad Crossing)
 "P" 1+92± To "P" 2+62
 "P" 2+62 To "P" 4+00 (See Typ. Sect. Sht. 2a-3, Sta. "A" 208+77 To Sta. "A" 217+97)

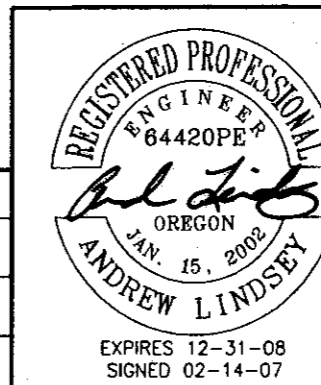


△ 3 • STA. "P" 4+00 To STA. "P" 4+50
 "P" 4+50 To "P" 9+80

- Notes:
1. Side-Slopes Are Shown As Vert. To Horiz.
 2. For Standard Superelevation, See Drg. No. RD200.
 3. For Slope Rounding, See Drg. No. RD230.
 4. For Channelization & Intersection Details, See Drg. Nos. RD215, RD220 & RD225.

anderson perry & associates, inc.

REVISIONS	
△ 1	Revised 02-05-07 Revised Slope
△ 2	Revised 02-05-07 Added Typical Section
△ 3	Revised 02-14-07 Revised Typical Section



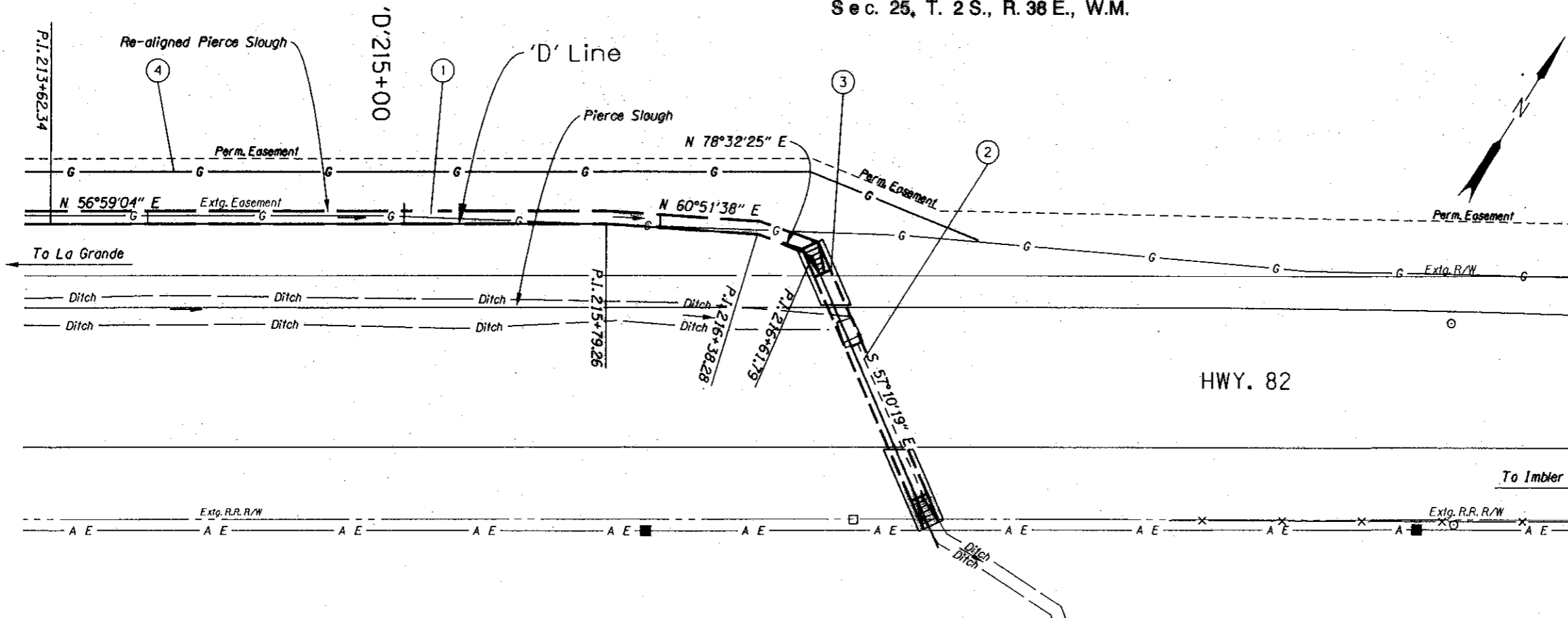
OREGON DEPARTMENT OF TRANSPORTATION
 ROADWAY ENGINEERING SECTION

OR 82: RIDDLE ROAD (LA GRANDE) - IMBLER SEC.
 WALLOWA LAKE HIGHWAY
 UNION COUNTY

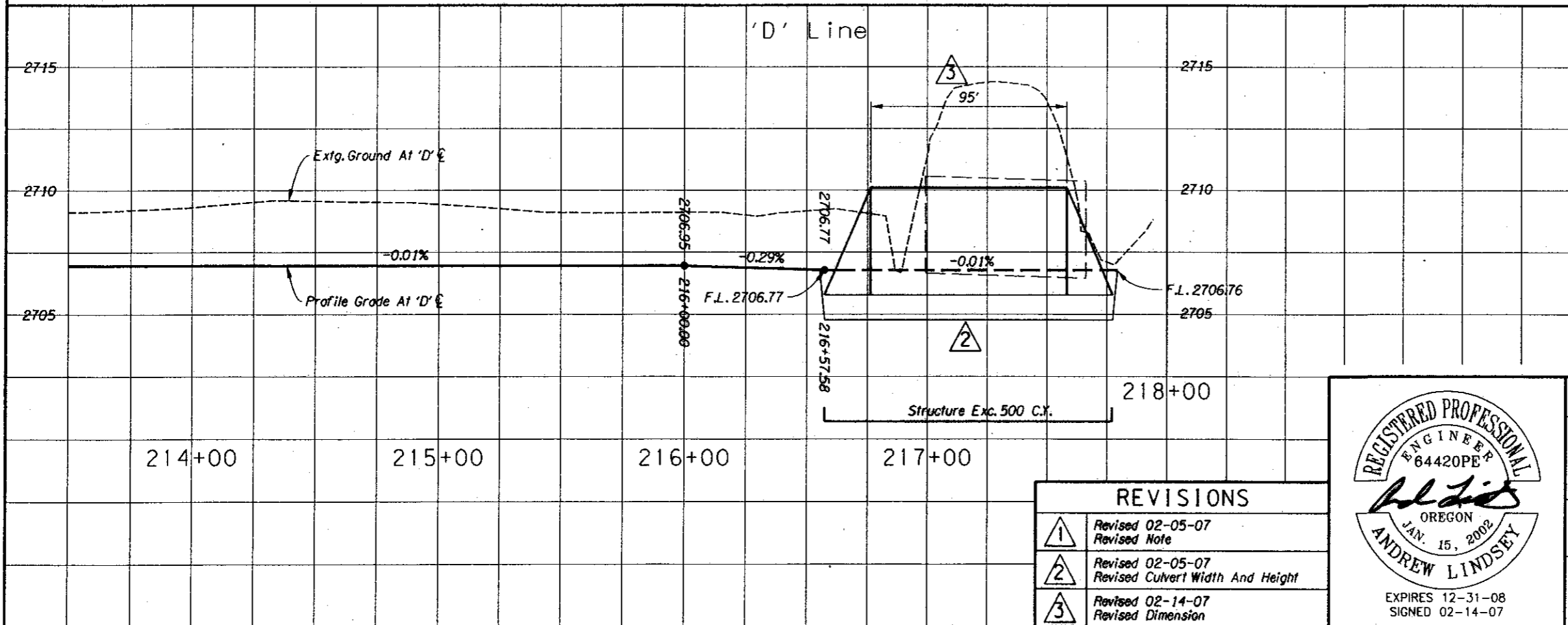
Reviewed By - H. Perry
 Designed By - A. Lindsey
 Drafted By - L. Hubof

TYPICAL SECTIONS

SHEET NO. 2A-6



- ① See Sht. 17A, Note 1
- ② Remove Extg. Culvert
- ③ Inst. Arch 77"W x 52"H Culv. Pipe - 95'
(See Drg. No. 75352)
(See Drg. Nos. RD316, RD326)
- ④ Relocate Gas Line
By Others



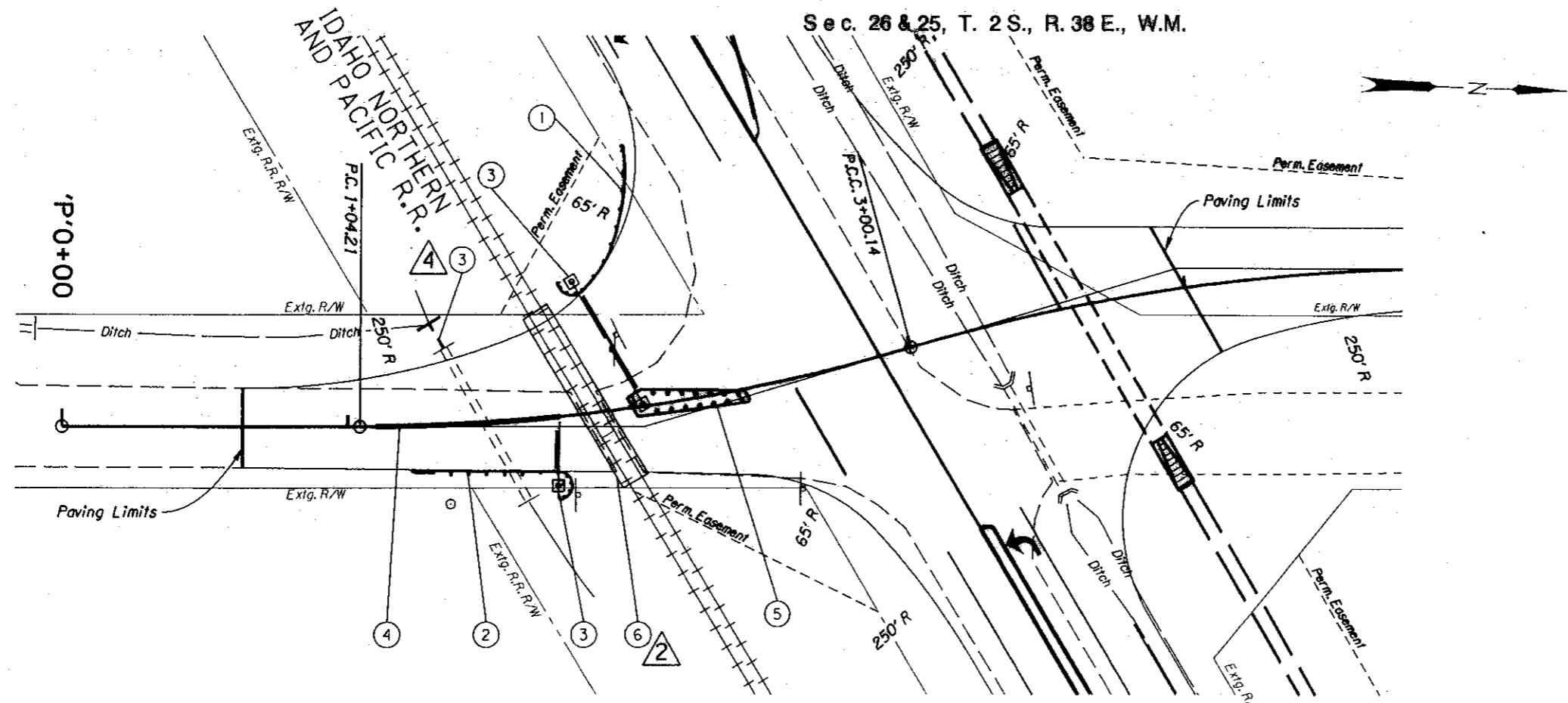
anderson perry & associates, inc.

REGISTERED PROFESSIONAL ENGINEER
64420PE
Andrew Lindsey
OREGON
JAN. 15, 2002
ANDREW LINDSEY
EXPIRES 12-31-08
SIGNED 02-14-07

OREGON DEPARTMENT OF TRANSPORTATION
ROADWAY ENGINEERING SECTION
OR 82: RIDDLE ROAD (LA GRANDE) - IMBLER SEC.
WALLOWA LAKE HIGHWAY
UNION COUNTY
Reviewed By - H. Perry
Designed By - A. Lindsey
Drafted By - L. Hubof
DRAINAGE AND UTILITY PLAN
SHEET NO. **20A**

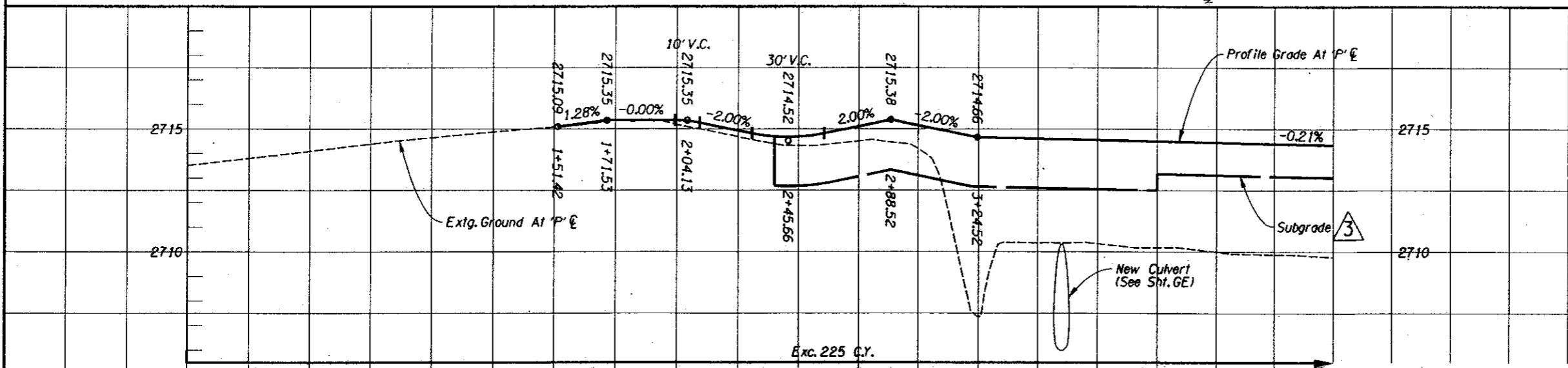
REVISIONS	
①	Revised 02-05-07 Revised Note
②	Revised 02-05-07 Revised Culvert Width And Height
③	Revised 02-14-07 Revised Dimension

Sec. 26 & 25, T. 2 S., R. 38 E., W.M.



- ① Sta. "P" 1+77 To Sta. "P" 1+88, Lt.
Const. Guardrail - 12.5' (Type 3) (5' Radius)
Const. Guardrail - 12.5' (Type 2A) (55' Radius)
Const. Anchor (Type 1 Mod.)
Install End Piece (Type B) - 1
Const. Guardrail Terminal, Non-Flared - 37.5'
(See Drg. No. RD445)
- ② Sta. "P" 1+22 To Sta. "P" 1+76, Rt.
Const. Guardrail - 12.5' (Type 3) (5' Radius)
Const. Guardrail - 12.5' (Type 2A) (55' Radius)
Const. Anchor (Type 1 Mod.)
Install End Piece (Type B) - 1
Const. Guardrail Terminal, Non-Flared - 37.5'
- ③ Inst. Railroad Crossing Arms
(By Others)
- ④ Sta. "P" 1+10 To Sta. "P" 1+74
Const. Traffic Separator (Type B)
Inst. Surface Mounted Tubular Markers, 5' Spacing
(See Drg. No. RD706)
- ⑤ Sta. "P" 1+99 To Sta. "P" 2+40
Const. Traffic Island (Type C, Non-Mountable)
Inst. Surface Mounted Tubular Markers, 5' Spacing
(See Detail Sht. 2B-7)
(See Drg. No. RD705)
- ⑥ Concrete Railroad Apron (By Others)
- ⑦ Inst. 24" Culv. Pipe - 10'
Inst. CMP Coupling

Note:
1. Seed And Mulch All Disturbed
And Fill Areas With Permanent
Seeding Mix B.



REVISIONS	
①	Revised 02-05-07 Revised Note
②	Revised 02-05-07 Added Concrete Apron Note
③	Revised 02-05-07 Added Subgrade
④	Revised 02-14-07 Added Note



EXPIRES 12-31-08
SIGNED 02-14-07

OREGON DEPARTMENT OF TRANSPORTATION
ROADWAY ENGINEERING SECTION


OR 82: RIDDLE ROAD (LA GRANDE) - IMBLER SEC.
WALLOWA LAKE HIGHWAY
UNION COUNTY

Reviewed By - H. Perry
Designed By - A. Lindsey
Drafted By - L. Hubot

GENERAL CONSTRUCTION

SHEET NO.
23

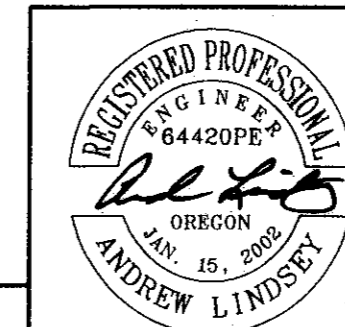
STRIPING TABLE 1

Station To Station (ft.)	② Left Fog Line	① Centerline				② Right Fog Line	
	W	NPL	ND	YB	NPR	W-2	W
'L' 60+60 To 'L' 120+49	See Striping Plan Shts. ST-3 Thru ST-12						
'L' 120+49 To 126+09	X		X				X
'L' 126+09 To 134+15	X	X					X
'L' 134+15 To 159+07	X			X			X
'L' 159+07 To 160+50	X			X			
'L' 160+50 To 162+35	X			X		X	
'L' 162+35 To 163+03	X			X			
'L' 163+03 To 166+41	X			X		X	
'L' 166+41 To 167+73	X			X			
'L' 167+73 To 172+33	X			X			X
'L' 172+33 To 173+70	X			X			
'L' 173+70 To 175+18	X			X		X	
'L' 175+18 To 176+02	X			X			
'L' 176+02 To 193+00	X			X			X
'L' 193+00 To 202+00	X				X		X
'L' 202+00 To 225+00	See Striping Plan Shts. ST-13 Thru ST-15						
'L' 225+00 To 232+80	X	X					X
'L' 232+80 To 277+71	X			X			X
'L' 277+71 To 287+01	X				X		X
'L' 287+01 To 296+62	X	X					X
'L' 296+62 To 323+76	X						X
'L' 323+76 To 324+81	X		X				X
'L' 324+81 To 435+96	No Work 						
'L' 435+96 To 445+09	X	X					X
'L' 445+09 To 533+53	X			X			X
'L' 533+53 To 542+82	X				X		X
'L' 542+82 To 545+52	X			X			X
'L' 545+52 To 554+33	X	X					X
'L' 554+28 To 604+65	X			X			X

- ① Locate At Centerline
- ② Locate 12' From Centerline

General Striping Notes:

1. See Applicable Plan Sheets For Striping Not Identified In These Tables.
2. All Permanent Pavement Markings Shall Match Existing. Contractor Shall Provide Offset Stakes Out Of The Workzone To Reference Existing Striping To Ensure Match.
3. Permanent Pavement Striping Tape, Grooved, Shall Be Used From Sta. 'L' 60+60 Thru 'L' 126+09.
4. Painted Permanent Pavement Striping Shall Be Used From Sta. 'L' 126+09 Thru Sta. 'L' 604+65
5. All Permanent Pavement Markings Shall Adhere To Std. Drgs. TM500, TM501, TM503, TM505, TM510, TM525, TM527, TM535, TM537, TM539, TM545 And TM555.



OREGON DEPARTMENT OF TRANSPORTATION ROADWAY ENGINEERING SECTION	
OR 82: RIDDLE ROAD (LA GRANDE) - IMBLER SEC. WALLOWA LAKE HIGHWAY UNION COUNTY	
Reviewed By - H. Perry Designed By - A. Lindsey Drafted By - L. Hubof	
STRIPING DETAILS	SHEET NO. ST-1

REVISIONS	
	Revised 02-14-07 Revised Table

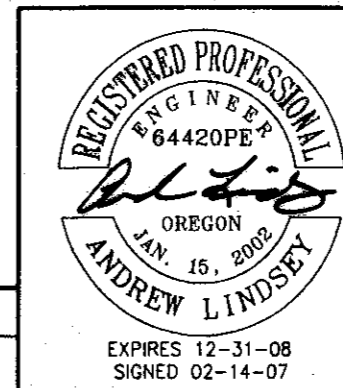
EXPIRES 12-31-08
SIGNED 02-14-07

STRIPING TABLE 2 

STRIPING TABLE 3 - Symbols And Crosswalks

Station (ft.)	Right Turn Arrow (RA)	Left Turn Arrow (LA)	Crosswalk (CW)	Railroad Crossing (RR)	Location Notes
'L2' 160+60	X				WB Right Turn Lane
'L2' 162+29	X				WB Right Turn Lane
'L2' 164+09	X				WB Right Turn Lane
'L2' 166+36	X				WB Right Turn Lane
'L2' 173+75	X				WB Right Turn Lane
'L2' 175+07	X				WB Right Turn Lane
'L2' 206+70	X				WB Right Turn Lane
'L2' 209+44	X				WB Right Turn Lane
'L2' 332+52	X				WB Right Turn Lane
'L2' 334+95	X				WB Right Turn Lane
'L2' 336+22		X			WB Median
'L2' 337+69		X			WB Median
'L2' 415+94		X			EB Median
'L2' 417+26		X			EB Median
'L2' 418+00		X			WB Median
'L2' 419+38		X			WB Median

- General Striping Notes:
1. See Applicable Plan Sheets For Striping Not Identified In These Tables.
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OREGON DEPARTMENT OF TRANSPORTATION
ROADWAY ENGINEERING SECTION

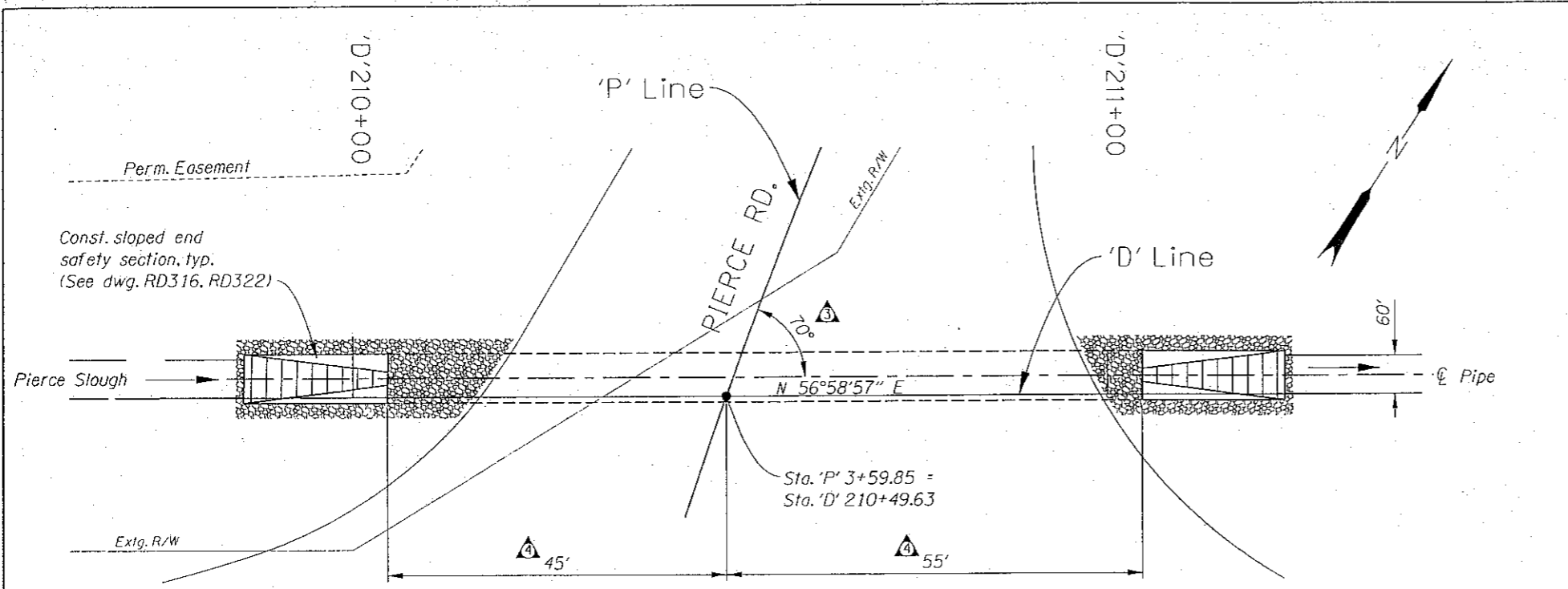
OR 82: RIDDLE ROAD (LA GRANDE) - IMBLER SEC.
 WALLOWA LAKE HIGHWAY
 UNION COUNTY

Reviewed By - H. Perry
 Designed By - A. Lindsey
 Drafted By - L. Hubof

REVISIONS	
	Revised 02-14-07 Removed Table

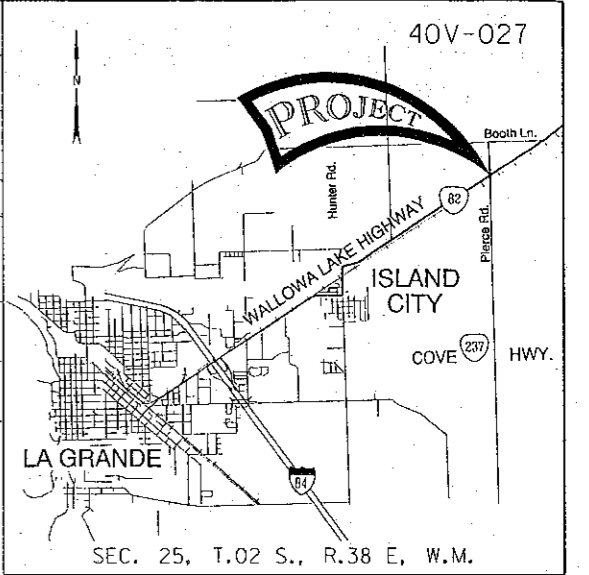
STRIPING DETAILS

SHEET NO.
ST-2

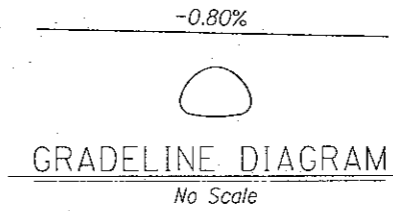


PLAN
Scale: 1"=20'

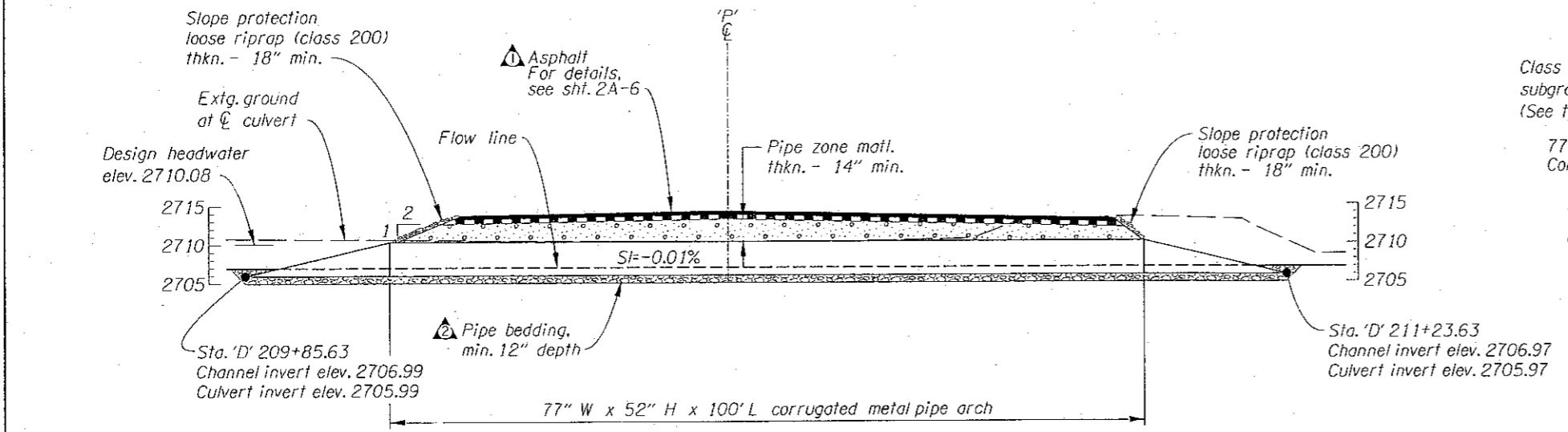
HYDRAULIC DATA		
ITEMS	UNITS	DESIGN FLOOD
DISCHARGE	ft. ³ /s	44
RECURRENCE INTERVAL	years	2
HIGH WATER ELEVATION AT UPSTREAM FACE OF CULVERT	feet	2710.07
BACKWATER	feet	2.9
HEADWATER	feet	2710.08



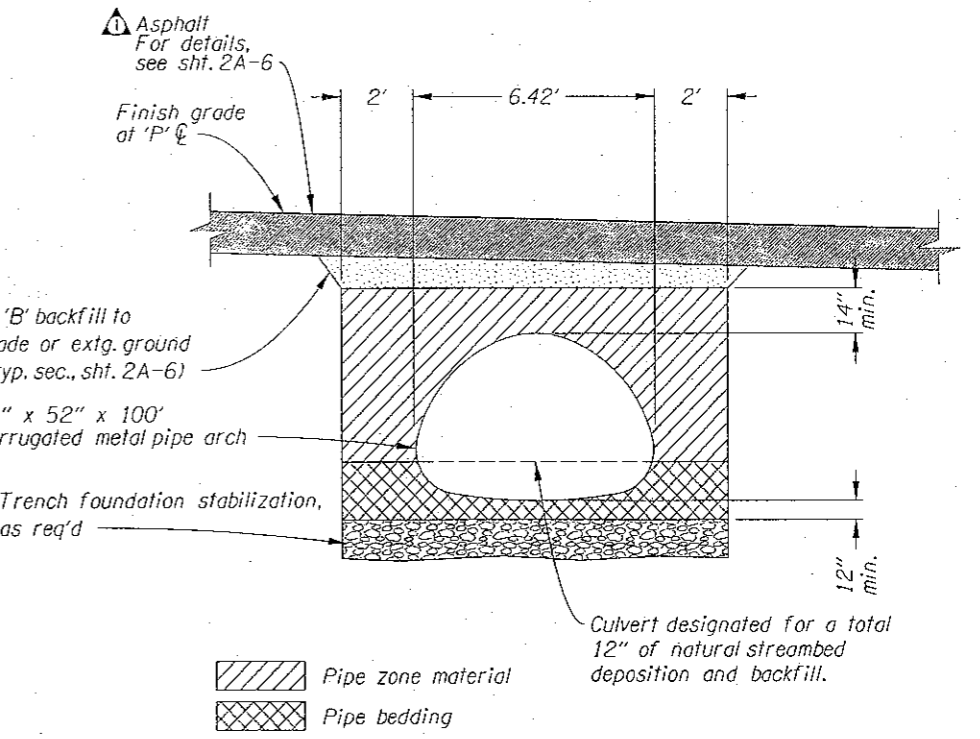
LOCATION MAP
No Scale



GRADELINE DIAGRAM
No Scale



ELEVATION
Scale: 1"=20'



TYPICAL CULVERT SECTION
Scale: 1"=5'

DATE	REVISION	BY
2-5-07	Added asphalt	ASL
2-5-07	Revised bedding depth	ASL
2-5-07	Added skew angle	ASL
2-14-07	Revised Dimensions	ASL

DRAFTER: _____
 DESIGNER: _____
 CHECKER: _____
 REVIEWER: _____

1901 N Fir St.
 La Grande, OR 97850
 (541) 963-8309

STRUCTURE NO. 20563	PIERCE SLOUGH (PIERCE ROAD) BRIDGE OR 82: RIDDLE ROAD (LA GRANDE) - IMBLER SEC. WALLOWA LAKE HIGHWAY UNION COUNTY	SHEET 1 OF 1
DATE February 2007		DRAWING NO. 75353
CALC. BOOK	PLAN AND ELEVATION	