



Oregon

Theodore R. Kulongoski, Governor

Department of Transportation

Technical Services

Roadway Engineering Section

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DATE: October 23, 2009

Addenda No. 5

TO: PLAN HOLDERS

PREPARED BY: Napong Tanatammatorn, P.E.

APPROVED BY: Steve Litchfield, P.E.

SUBJECT: I-84: Exit 64 (Hood River) - Bundle 224
Columbia River Highway
Hood River County
Grading, Drainage, Structures, Paving, Signing, and Roadside Development
(Bids to be opened and read October 29, 2009)

The following changes are made to the Project Bid Schedule:

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>
0610	GENERAL EXCAVATION	14400	20500

The following changes are made to the Project Special Provisions:

1. Subsection 00990.75 Warranty – The following paragraph is added after the paragraph that begins “Provide a two year”:

The warranty period will begin on the date of the Second Notification.

2. Appendix A, Section 16231 Packaged Engine Generators – The subsection 1.4 Warranty is replaced with the following subsection:

1.4 WARRANTY

Provide a one year Contractor warranty according to ODOT Standard Specification Section 00170.85(b-1). This Contractor warranty does not replace or reduce other warranties, including manufacturer’s warranties, that are longer than one year. The Warranty shall cover the materials and installation described in this Section. The warranty period will begin on the date of the Second Notification. When the Agency makes written request to the

contractor for repair or replacement, the warranty period will stop until the requested repair(s) or replacement(s) are made and accepted.

Upon notification by the Engineer of a failure of the generator set to supply appropriate power to operate the storm sewer lift station and the storm water treatment facilities before, during, and after any rainfall event, provide the following remedy:

- Repair or replace failures within 90 days of notification
- Remedy work shall include removal of failed materials, and the cost and installation of replacement materials at no additional cost to the Agency
- Use materials and procedures meeting these Appendix A Specifications. All repairs and replacement materials shall be warranted for the remaining warranty period.
- Coordinate timing of repair work with the Engineer

At the discretion of the Agency, a temporary generator set may be required, at the Contractor's expense, to protect traffic until repairs can be made.

3. Appendix A, Section 16443 Motor Control Centers – The subsection 1.5 is added after subsection 1.4 Coordination:

1.5 WARRANTY

Provide a one year Contractor warranty according to ODOT Standard Specification Section 00170.85(b-1). This Contractor warranty does not replace or reduce other warranties, including manufacturer's warranties, that are longer than one year. The Warranty shall cover the materials and installation described in this Section. The warranty period will begin on the date of the Second Notification. When the Agency makes written request to the contractor for repair or replacement, the Warranty period will stop until the requested repair(s) or replacement(s) are made and accepted.

Upon notification by the Engineer of a failure of the motor control centers to meet electrical tests, visual inspection, and mechanical inspection according to NETA ATS "Motor Control Centers" and to control the pumps and motors for removal of storm water from the lift station and treatment facilities, provide the following remedy:

- Repair or replace failures within 90 days of notification
- Remedy work shall include removal of failed materials, and the cost and installation of replacement materials at no additional cost to the Agency
- Use materials and procedures meeting these Appendix A Specifications. All repairs and replacement materials shall be warranted for the remaining warranty period.
- Coordinate timing of repair work with the Engineer

At the discretion of the Agency, a temporary motor control center may be required, at the Contractor's expense, to protect traffic until repairs can be made.

The following changes are made to the Project Plans:

I-84: Exit 64 (Hood River)
Columbia River Highway
Hood River County
Bundle 224
(Bids to be opened and read October 29, 2009)

Addenda No. 5

1. Drawing Number 82328 is replaced with Drawing Number 82328.

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.

_____:_____

Attachment: New Bid Sheets
Revised Plan Sheet

BID SCHEDULE

CONTRACT ID: 14122
PROJECT KEY: 15644

PROJECT: I-84: EXIT 64 (HOOD RIVER) -
BUNDLE 224
ADDENDUM NUMBER: 5

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
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SECTION 0001 TEMPORARY FEATURES AND APPURTENANCES

0010	0100-0101000T TRAINING	HOUR 1,686.00	20.00	33720.00
0020	0210-0100000A MOBILIZATION	LS ALL		
0030	0225-0100000A TEMPORARY PROTECTION AND DIRECTION OF TRAFFIC	LS ALL		
0040	0225-0102000J TEMPORARY SIGNS	SQFT 2,570.00		
0050	0225-0105000E TEMPORARY BARRICADES, TYPE III	EACH 26.00		
0060	0225-0126000F TEMPORARY CONCRETE BARRIER, REFLECTORIZED	FOOT 6,000.00		
0070	0225-0132000F MOVING TEMPORARY CONCRETE BARRIER	FOOT 12,384.00		
0080	0225-0133000E TEMPORARY IMPACT ATTENUATOR	EACH 2.00		
0090	0225-0134000E TEMPORARY IMPACT ATTENUATOR, NARROW SITE SYSTEM	EACH 2.00		
0100	0225-0136000E MOVING TEMPORARY IMPACT ATTENUATORS	EACH 2.00		
0110	0225-0137000E MOVING TEMPORARY IMPACT ATTENUATORS, NARROW SITE SYSTEM	EACH 4.00		

BID SCHEDULE

CONTRACT ID: 14122

PROJECT: I-84: EXIT 64 (HOOD RIVER) -
BUNDLE 224

PROJECT KEY: 15644

ADDENDUM NUMBER: 5

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0120	0225-0138000E TEMPORARY IMPACT ATTENUATOR, TRUCK MOUNTED	EACH 2.00		
0130	0225-0140000F TEMPORARY GLARE SHIELDS	FOOT 2,000.00		
0140	0225-0141000F MOVING TEMPORARY GLARE SHIELDS	FOOT 2,000.00		
0150	0225-0141100E REFLECTIVE BARRIER PANELS	EACH 2,030.00		
0160	0225-0141300E REPAIR TEMPORARY IMPACT ATTENUATOR, NARROW SITE SYSTEM	EACH 14.00		
0170	0225-0141400E REPAIR TEMPORARY IMPACT ATTENUATOR, TRUCK MOUNTED	EACH 4.00		
0180	0225-0141500E REPAIR TEMPORARY IMPACT ATTENUATOR, SAND MODULE	EACH 84.00		
0190	0225-0142000E SURFACE MOUNTED TUBULAR MARKERS	EACH 200.00		
0200	0225-0143000E REPLACE SURFACE MOUNTED TUBULAR MARKERS	EACH 150.00		
0210	0225-0145000E TEMPORARY PLASTIC DRUMS	EACH 450.00		
0220	0225-0150000F TEMPORARY REMOVABLE TAPE	FOOT 14,250.00		
0230	0225-0152000F TEMPORARY NON-REFLECTIVE TAPE	FOOT 825.00		

BID SCHEDULE

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PROJECT: I-84: EXIT 64 (HOOD RIVER) -
BUNDLE 224

PROJECT KEY: 15644

ADDENDUM NUMBER: 5

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0240	0225-0153000F TEMPORARY STRIPING	81,363.00 FOOT		
0250	0225-0154000F STRIPE REMOVAL	37,504.00 FOOT		
0260	0225-0155100J LEGEND REMOVAL	646.00 SQFT		
0270	0225-0158000A TEMPORARY TRAFFIC SIGNAL	ALL LS		
0280	0225-0162000E SEQUENTIAL ARROW SIGNS	2.00 EACH		
0290	0225-0164000E PORTABLE CHANGEABLE MESSAGE SIGNS	5.00 EACH		
0300	0225-0168000T FLAGGERS	4,300.00 HOUR		
0310	0225-0168100E FLAGGER STATION LIGHTING	4.00 EACH		
0320	0225-0169000E TRAFFIC CONTROL SUPERVISOR	500.00 EACH		
0330	0225-9Z90000E TEMPORARY PAVEMENT LEGENDS	50.00 EACH		
0340	0000-0100000A DELETED BID ITEM	ALL LS	0.00	0.00
0350	0240-0100000A TEMPORARY DRAINAGE FACILITIES	ALL LS		
0360	0250-0102000A TEMPORARY DETOUR BRIDGES	ALL LS		

BID SCHEDULE

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BUNDLE 224

PROJECT KEY: 15644

ADDENDUM NUMBER: 5

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0370	0280-0100000A EROSION CONTROL	LS ALL		
0380	0280-0106000E CHECK DAM	EACH 19.00		
0390	0280-0110000E CONSTRUCTION ENTRANCE	EACH 4.00		
0400	0280-0113000F SEDIMENT FENCE, UNSUPPORTED	FOOT 1,922.00		
0410	0280-0114000E INLET PROTECTION	EACH 34.00		
0420	0280-9Z90000M HAZARDOUS MATERIAL DISPOSAL, PAINT WASTE	TON 16.80		
0430	0290-0100000A POLLUTION CONTROL PLAN	LS ALL		
0440	0280-9Z90000M ASBESTOS ABATEMENT	TON 1.00		
0450	0280-9Z90000E ASBESTOS TESTING	EACH 10.00		
0460	0290-9Z90000A REUSE AND RECYCLING PLAN	LS ALL		
0470	0820-9Z90000J TEMPORARY PAVEMENT BARS	SQFT 575.00		

SECTION 0002 ROADWORK

0480	0305-0100000A CONSTRUCTION SURVEY WORK	LS ALL		
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BUNDLE 224

PROJECT KEY: 15644

ADDENDUM NUMBER: 5

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0490	0000-0100000A DELETED BID ITEM	LS ALL	0.00	0.00
0500	0000-0100000A DELETED BID ITEM	LS ALL	0.00	0.00
0510	0310-0106000A REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS ALL		
0520	0000-0100000A DELETED BID ITEM	LS ALL	0.00	0.00
0530	0000-0100000A DELETED BID ITEM	LS ALL	0.00	0.00
0540	0000-0100000A DELETED BID ITEM	LS ALL	0.00	0.00
0550	0000-0100000A DELETED BID ITEM	LS ALL	0.00	0.00
0560	0000-0100000A DELETED BID ITEM	LS ALL	0.00	0.00
0570	0310-0119000F ASPHALT PAVEMENT SAW CUTTING	FOOT 18,350.00		
0580	0310-9Z90000A REMOVAL OF EXISTING LIFT STATION	LS ALL		
0590	0320-0100000R CLEARING AND GRUBBING	ACRE 4.75		
0600	0330-0101000K DITCH EXCAVATION	CUYD 150.00		
0610	0330-0105000K GENERAL EXCAVATION	CUYD 20,500.00		

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BUNDLE 224

PROJECT KEY: 15644

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ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0620	0330-0126000K STONE EMBANKMENT	332.00 CUYD		
0630	0330-0141000K EXTRA FOR SELECTED TOPSOIL MATERIAL	3,990.00 CUYD		
0640	0331-0112000J 24 INCH SUBGRADE STABILIZATION	1,453.00 SQYD		
0650	0340-0100000Q WATERING	214.00 MGAL		
0660	0350-0105000J SUBGRADE GEOTEXTILE	2,800.00 SQYD		
0670	0390-0105000K LOOSE RIPRAP, CLASS 50	118.00 CUYD		

SECTION 0003 DRAINAGE AND SEWERS

0680	0445-010012AF 12 INCH CULVERT PIPE, 5 FT DEPTH	64.00 FOOT		
0690	0445-035012AF 12 INCH STORM SEWER PIPE, 5 FT DEPTH	1,589.00 FOOT		
0700	0445-035018AF 18 INCH STORM SEWER PIPE, 5 FT DEPTH	759.00 FOOT		
0710	0445-035018BF 18 INCH STORM SEWER PIPE, 10 FT DEPTH	168.00 FOOT		
0720	0445-035024BF 24 INCH STORM SEWER PIPE, 10 FT DEPTH	21.00 FOOT		
0730	0445-052008AF 8 INCH HDPE PIPE, 5 FT DEPTH	164.00 FOOT		

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BUNDLE 224

PROJECT KEY: 15644

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ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0740	0445-055020AF 16 INCH HDPE PIPE, 5 FT DEPTH	231.00 FOOT		
0750	0445-0700120E SLOPED END SECTIONS, 12 INCH	2.00 EACH		
0760	0445-0700180E SLOPED END SECTIONS, 18 INCH	1.00 EACH		
0770	0470-0101000E CONCRETE STORM SEWER MANHOLES	4.00 EACH		
0780	0470-0307000E CONCRETE INLETS, TYPE CG-2	11.00 EACH		
0790	0470-0315000E CONCRETE INLETS, TYPE G-2	15.00 EACH		
0800	0470-0317000E CONCRETE INLETS, TYPE G-2M	9.00 EACH		
0810	0470-9Z90000A STORMWATER LIFT STATION ELECTRICAL CONSTRUCTION	ALL LS		
0820	0470-9Z90000A STORMWATER LIFT STATION GENERAL CONSTRUCTION	ALL LS		
0830	0470-9Z90000A STORMWATER LIFT STATION MECHANICAL CONSTRUCTION	ALL LS		
0840	0480-0100000F DRAINAGE CURBS	727.00 FOOT		
0850	0490-0104000E CONNECTION TO EXISTING STRUCTURES	1.00 EACH		
0860	0490-0120000E MINOR ADJUSTMENT OF MANHOLES	1.00 EACH		

SECTION 0004 BRIDGES

BID SCHEDULE

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BUNDLE 224

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ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0870	0501-0100000A BRIDGE REMOVAL WORK	LS ALL		
0880	0510-0100000A SHORING, CRIBBING AND COFFERDAMS	LS ALL		
0890	0510-0101000A STRUCTURE EXCAVATION	LS ALL		
0900	0510-0106000A GRANULAR WALL BACKFILL	LS ALL		
0910	0520-0100000A FURNISH PILE DRIVING EQUIPMENT	LS ALL		
0920	0520-0137000F FURNISH PP 24 X 0.5 STEEL PILES	FOOT 4,100.00		
0930	0520-0322000E DRIVE PP 24 X 0.5 STEEL PILES	EACH 60.00		
0940	0520-0330000E REINFORCED PILE TIPS	EACH 60.00		
0950	0520-0433000E PP 24 X 0.5 STEEL PILE SPLICES	EACH 60.00		
0960	0530-0100000A REINFORCEMENT	LS ALL		
0970	0530-0103000A COATED REINFORCEMENT	LS ALL		
0980	0540-0102000A FOUNDATION CONCRETE, CLASS 4000	LS ALL		
0990	0540-0203000A DECK CONCRETE, CLASS HPC4000	LS ALL		

BID SCHEDULE

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PROJECT: I-84: EXIT 64 (HOOD RIVER) -
BUNDLE 224

PROJECT KEY: 15644

ADDENDUM NUMBER: 5

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
1000	0540-0302000A GENERAL STRUCTURAL CONCRETE, CLASS 4000	LS ALL		
1010	0540-0401000J SAW CUT TEXTURING	SQYD 833.00		
1020	0545-0100000J REINFORCED CONCRETE BRIDGE END PANELS	SQYD 576.00		
1030	0560-0106000A TRAPEZIODAL STEEL BOX GIRDER WITH HAUNCH	LS ALL		
1040	0000-0100000A DELETED BID ITEM	LS ALL	0.00	0.00
1050	0000-0100000A DELETED BID ITEM	LS ALL	0.00	0.00
1060	0587-0123000A TYPE "F" CONCRETE RAIL, MODIFIED	LS ALL		
1070	0587-9Z90000A CONCRETE PARAPET WITH STEEL POST	LS ALL		
1080	0587-9Z90000A CURB MOUNTED THRIE BEAM RAIL	LS ALL		
1090	0596-0104000J RETAINING WALL, MSE	SQFT 1,730.00		

SECTION 0005 BASES

1100	0620-0112000J COLD PLANE PAVEMENT REMOVAL, 2 - 4 INCHES DEEP	SQYD 433.00		
1110	0620-0120000J COLD PLANE PAVEMENT REMOVAL, 2 INCHES DEEP	SQYD 7,267.00		

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BUNDLE 224

PROJECT KEY: 15644

ADDENDUM NUMBER: 5

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
1120	0641-0102000M AGGREGATE BASE	7,000.00 TON		
1130	0641-0102000M AGGREGATE BASE, IN TEMPORARY	950.00 TON		

SECTION 0006 WEARING SURFACES

1140	0730-0100000M EMULSIFIED ASPHALT FOR TACK COAT	25.00 TON		
1150	0745-0322000M LEVEL 3, 1/2 INCH DENSE LIME TREATED HMAC	7,866.00 TON		
1160	0745-0351000M LEVEL 3, 1/2 INCH DENSE LIME TREATED HMAC IN TEMPORARY	700.00 TON		
1170	0745-0642000M PG 70-28 ASPHALT IN HMAC	382.00 TON		
1180	0759-0110000F CONCRETE CURBS, STANDARD CURB	2,206.00 FOOT		
1190	0759-0118000F CONCRETE CURBS, MOUNTABLE CURB	16.00 FOOT		
1200	0759-0128000J CONCRETE WALKS	9,518.00 SQFT		
1210	0759-0153000E CONCRETE SIDEWALK RAMPS	12.00 EACH		

SECTION 0007 PERMANENT TRAFFIC SAFETY AND GUIDANCE DEVICES

1220	0810-0103000F GUARDRAIL, TYPE 2A WEATHERIZED	1,772.00 FOOT		
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BID SCHEDULE

CONTRACT ID: 14122

PROJECT: I-84: EXIT 64 (HOOD RIVER) -
BUNDLE 224

PROJECT KEY: 15644

ADDENDUM NUMBER: 5

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
1230	0810-0105000F GUARDRAIL, TYPE 2A (MODIFIED) WEATHERIZED	20.00 FOOT		
1240	0810-0120000E GUARDRAIL ANCHORS, TYPE 1 MODIFIED WEATHERIZED	2.00 EACH		
1250	0810-0122000E GUARDRAIL END PIECES, TYPE B WEATHERIZED	2.00 EACH		
1260	0810-0126000E GUARDRAIL TRANSITION, WEATHERIZED	4.00 EACH		
1270	0810-0129000E GUARDRAIL TERMINALS, NON-FLARED WEATHERIZED	2.00 EACH		
1280	0820-0100000F CONCRETE BARRIER, MODIFIED (35 INCH W/ SCUPPERS)	1,686.00 FOOT		
1290	0820-0100000F CONCRETE BARRIER, MODIFIED (35 INCH)	402.00 FOOT		
1300	0840-0100000E DELINEATORS, TYPE 1	59.00 EACH		
1310	0840-0103000E DELINEATORS, TYPE 3	10.00 EACH		
1320	0840-0104200E DELINEATORS, TYPE 4 ALTERNATE 2	7.00 EACH		
1330	0840-0105000E DELINEATORS, TYPE 5	58.00 EACH		
1340	0857-0101000L CONTINUOUS RUMBLE STRIPS	0.38 MILE		

BID SCHEDULE

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BUNDLE 224

PROJECT KEY: 15644

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ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
1350	0865-0123000F PAVEMENT MARKING TAPE, WET WEATHER PATTERN, GROOVED	32,285.00 FOOT		
1360	0000-0100000A DELETED BID ITEM	ALL LS	0.00	0.00
1370	0000-0100000A DELETED BID ITEM	ALL LS	0.00	0.00
1380	0000-0100000A DELETED BID ITEM	ALL LS	0.00	0.00
1390	0000-0100000A DELETED BID ITEM	ALL LS	0.00	0.00
1400	0000-0100000A DELETED BID ITEM	ALL LS	0.00	0.00
1410	0000-0100000A DELETED BID ITEM	ALL LS	0.00	0.00
1420	0902-0100000E CROSSWALK CLOSURE BARRICADES	12.00 EACH		

SECTION 0008 PERMANENT TRAFFIC CONTROL AND ILLUMINATION SYSTEMS

1430	0905-0100000A REMOVE EXISTING SIGNS	ALL LS		
1440	0905-0101000A REMOVE AND REINSTALL EXISTING SIGNS	ALL LS		
1450	0905-0101000A REMOVE AND REINSTALL EXISTING CANTILEVER SIGN STRUCTURE & SIGN	ALL LS		
1460	0910-0100000K WOOD SIGN POSTS	1,892.00 FBM		

BID SCHEDULE

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BUNDLE 224

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ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
1470	0920-0100000A SIGN SUPPORT FOOTINGS	LS ALL		
1480	0930-0105000A BRIDGE STRUCTURE MOUNTS	LS ALL		
1490	0930-0107000A SIGNAL POLE MOUNTS	LS ALL		
1500	0930-0108000A ADJUSTABLE SIGN MOUNTS	LS ALL		
1510	0930-0112000A TRIANGULAR BASE BREAKAWAY SIGN SUPPORTS	LS ALL		
1520	0940-0102000J TYPE "B" SIGNS IN PLACE	SQFT 27.95		
1530	0940-0107000J TYPE "C" SIGNS IN PLACE	SQFT 9.00		
1540	0940-0109000J TYPE "F" SIGNS IN PLACE	SQFT 20.00		
1550	0940-0113000J TYPE "G" SIGNS IN PLACE	SQFT 194.25		
1560	0000-0100000A DELETED BID ITEM	LS ALL	0.00	0.00
1570	0940-0116100J TYPE "G4" SIGNS IN PLACE	SQFT 198.50		
1580	0940-0122100J TYPE "R2" SIGNS IN PLACE	SQFT 9.00		
1590	0940-0124000J TYPE "W1" SIGNS IN PLACE	SQFT 123.19		

BID SCHEDULE

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BUNDLE 224

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ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
1600	0940-0135000J TYPE "Y2" SIGNS IN PLACE	SQFT 64.00		
1610	0940-0138000J TYPE "Y5" SIGNS IN PLACE	SQFT 18.38		
1620	0963-0102000F 42 INCH DIAMETER SIGNAL SUPPORT DRILLED SHAFT	FOOT 129.00		
1630	0970-9Z90000A UNDERDECK LOW MOUNT LUMINAIRES	LS ALL		
1640	0970-0105000A SWITCHING, CONDUIT, AND WIRING	LS ALL		
1650	0990-0101000A TRAFFIC SIGNAL INSTALLATION - I-84 EB	LS ALL		
1660	0990-0101000A TRAFFIC SIGNAL INSTALLATION - I-84 WB	LS ALL		
1670	0990-0101000A TRAFFIC SIGNAL INSTALLATION - MARINA WAY	LS ALL		
1680	0990-0105000A INTERCONNECT SYSTEM	LS ALL		

SECTION 0009 RIGHT-OF-WAY DEVELOPMENT AND CONTROL

1690	1030-0103000R TEMPORARY SEEDING	ACRE 0.70		
1700	1030-0108000R PERMANENT SEEDING	ACRE 1.32		
1710	1030-0118000R WATER QUALITY SEEDING	ACRE 0.15		

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ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
1720	1030-0138000R LAWN SEEDING	0.67 ACRE		
1730	1030-0139000R FERTILIZING	2.16 ACRE		
1740	1030-0140000R MULCHING	2.16 ACRE		
1750	1040-0100000E SOIL TESTING	1.00 EACH		
1760	1040-0107000K SOIL CONDITIONER	1,250.00 CUYD		
1770	1040-0113000E CONIFER TREES, 5 FT HEIGHT	40.00 EACH		
1780	1040-0125000E DECIDUOUS TREES, 3/4 INCH CALIPER	20.00 EACH		
1790	1040-0153000E SHRUBS, NO. 1 CONTAINER	5,224.00 EACH		
1800	1040-0190000K BARK MULCH	397.00 CUYD		
1810	1040-9Z90000A REUSED RIVER ROCK	ALL LS		
1820	1050-0100000F TYPE 1 FENCE	348.00 FOOT		

SECTION 0010 ADDED BID ITEMS

1830	0331-0106000J 12 INCH SUBGRADE STABILIZATION	5,825.00 SQYD		
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BUNDLE 224

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ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
1840	0490-0105000E ADJUSTING INLETS	EACH 9.00		
1850	0745-0422000M LEVEL 4, 1/2 INCH DENSE LIME TREATED HMAC	TON 1,754.00		
1860	0745-0620000M PG 64-22 ASPHALT IN HMAC	TON 90.00		
1870	0745-0640000M PG 70-22 ASPHALT IN HMAC	TON 105.00		
1880	0820-0127000F CONCRETE BARRIER, TALL	FOOT 837.00		
1890	0867-0103000E PAVEMENT LEGEND, TYPE B: ARROWS	EACH 33.00		
1900	0867-0107000E PAVEMENT LEGEND, TYPE B: "ONLY"	EACH 2.00		
1910	0867-0131000E PAVEMENT LEGEND, TYPE B-HS: BICYCLE LANE STENCIL	EACH 6.00		
1920	0867-0145000J PAVEMENT BAR, TYPE B	SQFT 193.00		
1930	0867-0169000E PAVEMENT LEGEND, TYPE B: YIELD LINE TRIANGLE	EACH 1.00		
1940	0930-0111000A MULTI-POST BREAKAWAY SIGN SUPPORTS	LS ALL		
1950	0940-0109100J TYPE "F1" SIGNS IN PLACE	SQFT 6.25		
1960	0940-0130000J TYPE "W7" SIGNS IN PLACE	SQFT 6.25		

BID SCHEDULE

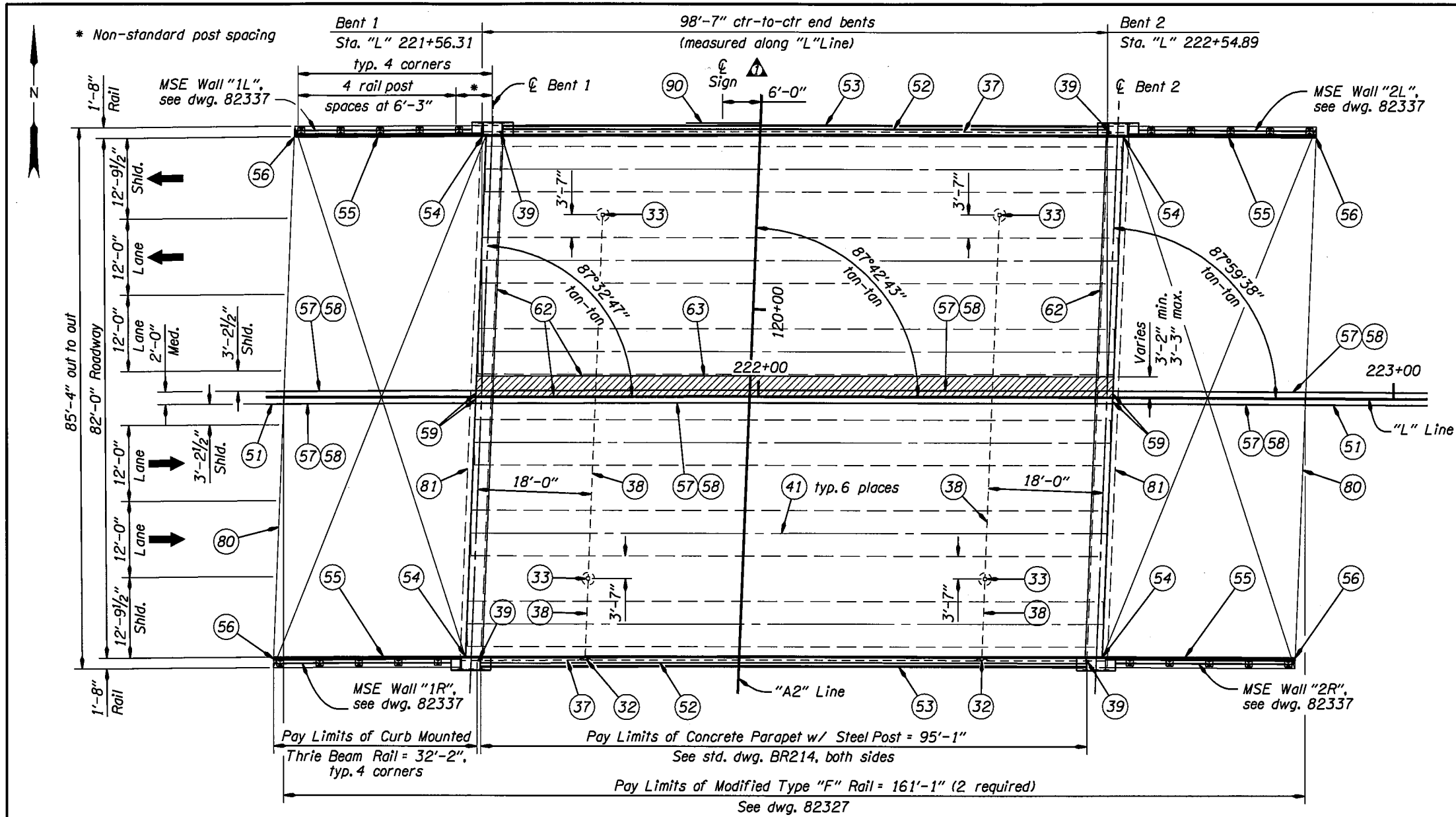
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PROJECT: I-84: EXIT 64 (HOOD RIVER) -
BUNDLE 224

PROJECT KEY: 15644

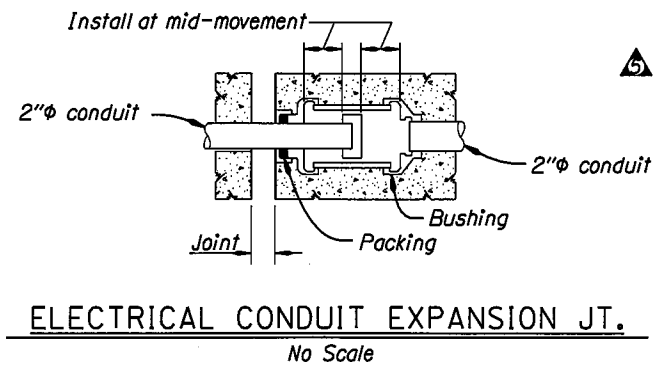
ADDENDUM NUMBER: 5

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
1970	1140-0115000F 12 INCH POTABLE WATER PIPE, FITTINGS AND COUPLINGS WITH CLAS S B BACKFILL	FOOT	495.00	
1980	1140-0195000E BLOWOFF ASSEMBLY, 2 INCH	EACH	1.00	
1990	1150-0211000E 1 INCH COMBINATION AIR RELEASE/AIR VACUUM VALVE ASSEMBLY	EACH	1.00	
2000	0589-0100000A UTILITY ATTACHMENT ON STRUCTURES	LS	ALL	
2010	0965-0100000A CAMERA POLES AND FOUNDATIONS	LS	ALL	
2020	0990-9Z90000A CCTV CAMERA CABINETS	LS	ALL	
2030	0990-9Z90000A CCTV CAMERA EQUIPMENT	LS	ALL	
2040	0990-9Z90000A CCTV ELECTRICAL WORK	LS	ALL	
	TOTAL BID			



- ### DETAIL REFERENCE NUMBERS
- 32 Cast in parapet 6" x 6" x 4" galv. cast iron junction box.
 - 33 6" x 6" x 4" galv. cast iron junction box, surface mounted to under side of deck.
 - 37 Install two 2"φ galv. steel electrical conduit in ea. parapet and Pylon.
 - 38 Install 1 1/4"φ galv. steel electrical conduit in deck.
 - 39 Install electrical conduit expansion joint btwn. parapet and pylon, see note 2.
 - 41 Trapezoidal steel box girder with haunch, see dwgs. 82329 thru 82334.
 - 51 35" Standard Concrete Median Barrier, see std. dwg. RD590.
 - 52 Concrete parapet with steel post, see std. dwg. BR214.
 - 53 Deflection joints placed at 5 equal spaces in parapet btwn. pylons, see std. dwg. BR214.
 - 54 Bridge Rail Connection, see dwg. 82335.
 - 55 Curb Mounted Thrie Beam Rail, see std. dwg. BR273.
 - 56 Thrie Beam Rail to Guardrail transition, see std. dwg. BR273, except replace first transition post spacing ** 1'-7/8" dimension with 1'-6 1/4".
 - 57 Modified Type "F" Rail, see dwg. 82327.
 - 58 Scoring joints placed at 7 equal spaces btwn. end panels and 2 equal spaces on each end panel, see std. dwg. BR200.
 - 59 Concrete rail 3/4" open joint, see std. dwg. BR200.
 - 62 Deck construction joints, see dwg. 82324 and 82327.
 - 63 Deck closure pour (varies 3'-2" to 3'-3"), see dwg. 82327.
 - 80 30'-4" Standard Bridge End Panel, see std. dwg. BR165.
 - 81 Concrete end diaphragm, see dwg. 82323.
 - 90 Structure Mounted Sign, see Roadway dwg. 2B-15 for details.

- Notes:**
1. See Concrete Pour Sequence and Construction Staging, dwgs. 82315 thru 82317.
 2. See Pylon Details, dwg. 82326 for additional conduit in Bent 2 right Pylon.



DECK ELEVATION TABLE

Point	Cent. Bent 1	Elevations - feet										Cent. Bent 2
		0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9		
Curbline Lt	105.26	105.28	105.29	105.29	105.30	105.30	105.30	105.30	105.30	105.30	105.30	105.29
Cent. Girder 1	105.09	105.10	105.11	105.12	105.13	105.13	105.13	105.13	105.13	105.13	105.13	105.12
Cent. Girder 2	104.62	104.63	104.64	104.65	104.65	104.66	104.66	104.66	104.66	104.66	104.66	104.65
Cent. Girder 3	104.15	104.16	104.17	104.17	104.18	104.18	104.19	104.19	104.19	104.19	104.18	104.18
"L" Line	103.91	103.92	103.93	103.94	103.94	103.95	103.95	103.95	103.95	103.95	103.95	103.94
Cent. Girder 4	103.77	103.78	103.79	103.79	103.80	103.80	103.81	103.81	103.81	103.80	103.80	103.80
Cent. Girder 5	103.48	103.49	103.50	103.51	103.51	103.52	103.52	103.52	103.52	103.52	103.52	103.51
Cent. Girder 6	103.19	103.20	103.21	103.22	103.23	103.23	103.23	103.23	103.23	103.23	103.23	103.23
Curbline Rt	103.09	103.10	103.11	103.12	103.12	103.13	103.13	103.13	103.13	103.13	103.13	103.12

DATE	REVISION	BY
10/2/09	Added Dimension to Cent. Sign	SRC
10/23/09	Revised Note 2	SRC

ACCOMPANIED BY DWGS. See Sheet 1 for this structure

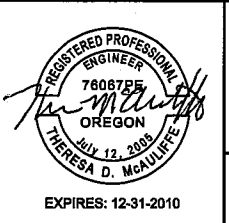
Norman / Couture

DRAFTEER: *Theresa McAuliffe*

DESIGNER: Theresa McAuliffe, PE

CHECKER: *David McCurry*

REVIEWER: Steve Litchfield, PE



OREGON DEPARTMENT OF TRANSPORTATION

HNTB

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STRUCTURE NO.	21218
DATE	Oct. 2009
CALC. BOOK	6124

HWY 2 OVER HOOD RIVER BRIDGE CONNECTOR (CONN 2)
I-84: EXIT 64 (HOOD RIVER) - BUNDLE 224
COLUMBIA RIVER HIGHWAY (MP 64.44)
HOOD RIVER COUNTY

DECK PLAN

SHEET	16
OF	25
DRAWING NO.	82328