Oregon
Tina Kotek, Governor

Department of Transportation
Statewide Project Delivery Branch
Project Development Section
Project Controls Office
555 13th St NE
Salem, OR 97301

DATE: April 21, 2026

Addendum No. 03

TO: **PLAN HOLDERS**

PREPARED BY: Veronica Vong 2026.04.21 15:21:26-07'00'
Veronica Vong, WSP USA

APPROVED BY: Veronica Vong 2026.04.21 15:21:55-07'00' P.E.
Veronica Vong, WSP USA

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

SUBJECT: Willamette River: Stormwater Source Control Improvements Project
Lower Columbia River, Northeast Portland, Stadium Freeway
Multnomah
Grading, Drainage, Paving, Signing, Illumination, and Roadside Development
(Bids Closing April 30, 2026)

The following changes are made to the Project Bid Booklet:

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

   b. Quantity changes:

Number	Item	Quantity Original	Quantity New
0150	TEMPORARY BARRIER	2,472	2,640
0160	TEMPORARY IMPACT ATTENUATOR, SAND BARREL SYSTEM	6	8

   Make a copy of and use the new attached Bid Schedule if submitting a paper Bid. If submitting an electronic Bid through BidExpress®, delete all prior downloaded bid files and use the Zip file available on BidExpress® by selecting "All Bid Files and Amendments" that includes the new updates in the attached Bid Schedule. A Bid **not** including this new Bid Schedule **will be rejected as non-responsive**.

The following changes are made to the Project Special Provisions:

1. Subsection 00226.80(b)(2) Temporary Barrier - Table 00226-1 is replaced with the following:

Stage/Phase	Location	Temporary Barrier	Temporary Barrier,

	(STA to STA)	(foot)	Minimum Deflection (foot)
OF16-2	590+43 to 593+29	0	288
OF16-3	596+93 to 598+02	0	108
OF18-1	529+52 to 531+56	0	204
OF19-2	508+25 to 510+24	0	204
OF22D Stage 3	598+13 to 598+94	0	84
WR79	505+89 to 503+22	0	276
WR126	546+83 to 550+19	0	336
WR204	523+95 to 528+75	0	480
WR206	Alignment not available	0	204
WR208	609+51 to 612+85	0	288
WR307	Alignment not available	0	168
	Total Quantity	0	2,640

2. Subsection 01010.80 Payment - The following paragraphs are added after the paragraph that begins "Stormwater Control Field…":

   Reinforcement for cast-in-place concrete drainage structures will be measured according to 00530.80.

   Concrete for cast-in-place concrete drainage structures will be measured according to 00540.90.

3. Subsection 01010.90 Payment - This subsection is replaced with the following subsection:

   The accepted quantities of Work performed under this Section will be paid for at the Contract lump sum amount for the item "Water Quality Structure, _____".

   The drainage facility identification number will be inserted in the blank.

   Stormwater Control Field Facility Markers will be paid for according to 00842.90.

   Rock Excavation and Boulder Excavation will be paid for according to 00405.90.

   Reinforcement for cast-in-place concrete drainage structures will be paid according to 00530.90.

   Concrete for cast-in-place concrete drainage structures will be paid according to 00540.90.

   Stairs, Walkway, & Railing For Drainage Structure Access will be paid according to 00563.90

   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 including and not limited to: excavation, backfill, abandoning pipes in place, CLSM, compaction, shop drawings, furnishing and placing pre-cast & cast in place structures, pipe and structure connections,

piping within the Water Quality Structure, grouting, gaskets, fittings, frames, grates, butterfly valves, valve actuators, commissioning and adjusting butterfly valves and actuators to ensure smooth operation, hatches, lids, concrete collar(s) and adjustment to grade, internal components, mulch, treatment & underdrain media, delivery, testing and commissioning, and cleanup.

Make copies of the new attached Bid Schedule to replace the Bid Schedule in the Project Special Provisions.

The following changes are made to the Project Plans:

1. Plan sheets BA03, BA04, BA08, C201, C581, ES01, FA201, FB201, GA201, HA201, HA401A, HB202, PA201, S02, TA201 are replaced with revised plan sheets BA03, BA04, BA08, C201, C581, ES01, FA201, FB201, GA201, HA201, HA401A, HB202, PA201, S02, TA201.

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

Attachments: New Bid Schedule
Revised Plan Sheets

OREGON DEPARTMENT OF TRANSPORTATION
BID SCHEDULE

CONTRACT NO.: 15643 **PROJECT:** WILLAMETTE RIVER: STORMWATER SOURCE CONTROL IMPROVEMENTS

PROJECT KEY: 22552 **ADDENDUM NO.:** 3

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
SECTION: 0001 TEMPORARY FEATURES AND APPURTENANCES				
0010	0210-0100000A MOBILIZATION	ALL LUMP SUM		
0020	0221-0100000A TEMPORARY PROTECTION AND DIRECTION OF TRAFFIC	ALL LUMP SUM		
0030	0222-0102000J TEMPORARY SIGNS	2,371.00 SQFT		
0040	0222-0162000E SEQUENTIAL ARROW SIGNS	3.00 EACH		
0050	0222-0164000E PORTABLE CHANGEABLE MESSAGE SIGNS	6.00 EACH		
0060	0223-0168000T FLAGGERS	408.00 HOUR		
0070	0223-0168100T FLAGGER STATION LIGHTING	120.00 HOUR		
0080	0223-0169000E TRAFFIC CONTROL SUPERVISOR	362.00 EACH		
0090	0224-0104000E TEMPORARY BARRICADES, TYPE II	24.00 EACH		
0100	0224-0105000E TEMPORARY BARRICADES, TYPE III	36.00 EACH		
0110	0224-0145000E TEMPORARY PLASTIC DRUMS	219.00 EACH		
0120	0225-0153000F TEMPORARY STRIPING	10,897.00 FOOT		
0130	0225-0154000F STRIPE REMOVAL	11,341.00 FOOT		

CONTRACT NO.: 15643 **PROJECT:** WILLAMETTE RIVER: STORMWATER SOURCE CONTROL IMPROVEMENTS

PROJECT KEY: 22552 **ADDENDUM NO.:** 3

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0140	0225-0155100J LEGEND REMOVAL	64.00 SQFT		
0150	0226-0126100F TEMPORARY BARRIER	2,640.00 FOOT		
0160	0226-0133000E TEMPORARY IMPACT ATTENUATOR, SAND BARREL SYSTEM	8.00 EACH		
0170	0226-0134000E TEMPORARY IMPACT ATTENUATOR, NARROW SITE SYSTEM	6.00 EACH		
0180	0226-0136000E MOVING TEMPORARY IMPACT ATTENUATORS, SAND BARREL SYSTEM	5.00 EACH		
0190	0226-0137000E MOVING TEMPORARY IMPACT ATTENUATORS, NARROW SITE SYSTEM	4.00 EACH		
0200	0226-0138000E TEMPORARY IMPACT ATTENUATOR, TRUCK MOUNTED	1.00 EACH		
0210	0226-0141300E REPAIR TEMPORARY IMPACT ATTENUATOR, NARROW SITE SYSTEM	5.00 EACH		
0220	0226-0141400E REPAIR TEMPORARY IMPACT ATTENUATOR, TRUCK MOUNTED	1.00 EACH		
0230	0226-0141500E REPAIR TEMPORARY IMPACT ATTENUATOR, SAND MODULE	42.00 EACH		
0240	0228-0141600F PEDESTRIAN CHANNELIZING DEVICES	1,101.00 FOOT		
0250	0228-0167670E TEMPORARY CURB RAMP, PARALLEL TO CURB	4.00 EACH		

CONTRACT NO.: 15643 **PROJECT:** WILLAMETTE RIVER: STORMWATER SOURCE CONTROL IMPROVEMENTS

PROJECT KEY: 22552 **ADDENDUM NO.:** 3

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0260	0228-0167680J TEMPORARY WALKS	277.00 SQFT		
0270	0270-0114000F TEMPORARY TYPE CL CHAIN LINK FENCE	2,292.00 FOOT		
0280	0280-0101000J PLASTIC SHEETING	50.00 SQYD		
0290	0280-0106060E CHECK DAM, TYPE 6	1.00 EACH		
0300	0280-0110000A EROSION AND SEDIMENT CONTROL MANAGER	ALL LUMP SUM		
0310	0280-0110030E CONSTRUCTION ENTRANCE, TYPE 3	3.00 EACH		
0320	0280-0112500E CONCRETE WASHOUT FACILITY	3.00 EACH		
0330	0280-0113000F SEDIMENT FENCE	1,529.00 FOOT		
0340	0280-0114030E INLET PROTECTION, TYPE 3	59.00 EACH		
0350	0280-0114070E INLET PROTECTION, TYPE 7	28.00 EACH		
0360	0280-0115020F SEDIMENT BARRIER, TYPE 2	1,677.00 FOOT		
0370	0280-0119000E STRAW BALE	3.00 EACH		
0380	0290-0100000A POLLUTION CONTROL PLAN	ALL LUMP SUM		
0390	0294-0100000A HEALTH AND SAFETY PLAN	ALL LUMP SUM		
0400	0294-0200010M CONTAMINATED SOIL DISPOSAL	10,180.00 TON		

CONTRACT NO.: 15643 **PROJECT:** WILLAMETTE RIVER: STORMWATER SOURCE CONTROL IMPROVEMENTS

PROJECT KEY: 22552 **ADDENDUM NO.:** 3

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0410	0294-0300000A CONTAMINATED GROUNDWATER MOBILIZATION	ALL LUMP SUM		
0420	0294-0400000P CONTAMINATED GROUNDWATER REMOVAL	2,000.00 GAL		
0430	1999-9Z90000A TEMPORARY DEWATERING	ALL LUMP SUM		

SECTION: 0002 ROADWORK

0440	0305-0100000A CONSTRUCTION SURVEY WORK	ALL LUMP SUM		
0450	0310-0100000F REMOVAL OF PIPES	739.00 FOOT		
0460	0310-0101000F REMOVAL OF CURBS	558.00 FOOT		
0470	0310-0102000J REMOVAL OF WALKS AND DRIVEWAYS	239.00 SQYD		
0480	0310-0106000A REMOVAL OF STRUCTURES AND OBSTRUCTIONS	ALL LUMP SUM		
0490	0320-0100000A CLEARING AND GRUBBING	ALL LUMP SUM		
0500	0330-0105000K GENERAL EXCAVATION	130.00 CUYD		
0510	0350-0105000J SUBGRADE GEOTEXTILE	434.00 SQYD		

SECTION: 0003 DRAINAGE AND SEWERS

0520	0405-0100000K ROCK EXCAVATION	259.00 CUYD		

CONTRACT NO.: 15643 **PROJECT:** WILLAMETTE RIVER: STORMWATER SOURCE CONTROL IMPROVEMENTS

PROJECT KEY: 22552 **ADDENDUM NO.:** 3

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0530	0405-0104000K BOULDER EXCAVATION	622.00 CUYD		
0540	0405-0106000K TRENCH FOUNDATION	200.00 CUYD		
0550	0415-0100000F MAINLINE VIDEO INSPECTION	2,055.00 FOOT		
0560	0415-0401000F MAINLINE VIDEO WITH LASER PROFILE INSPECTION	122.00 FOOT		
0570	0445-035010AF 10 INCH STORM SEWER PIPE, 5 FT DEPTH	160.00 FOOT		
0580	0445-035012AF 12 INCH STORM SEWER PIPE, 5 FT DEPTH	142.00 FOOT		
0590	0445-035012BF 12 INCH STORM SEWER PIPE, 10 FT DEPTH	452.00 FOOT		
0600	0445-035012CF 12 INCH STORM SEWER PIPE, 20 FT DEPTH	25.00 FOOT		
0610	0445-035018AF 18 INCH STORM SEWER PIPE, 5 FT DEPTH	271.00 FOOT		
0620	0445-035018BF 18 INCH STORM SEWER PIPE, 10 FT DEPTH	306.00 FOOT		
0630	0445-035018CF 18 INCH STORM SEWER PIPE, 20 FT DEPTH	159.00 FOOT		
0640	0445-035018DF 18 INCH STORM SEWER PIPE, OVER 20 FT DEPTH	51.00 FOOT		
0650	0445-035024BF 24 INCH STORM SEWER PIPE, 10 FT DEPTH	22.00 FOOT		
0660	0445-035048DF 48 INCH STORM SEWER PIPE, OVER 20 FT DEPTH	86.00 FOOT		

CONTRACT NO.: 15643 **PROJECT:** WILLAMETTE RIVER: STORMWATER SOURCE CONTROL IMPROVEMENTS

PROJECT KEY: 22552 **ADDENDUM NO.:** 3

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0670	0445-040012AF 12 INCH SLOTTED DRAIN PIPE, 5 FT DEPTH	76.00 FOOT		
0680	0445-060012AF 12 INCH DUCTILE IRON PIPE, 5 FT DEPTH	31.00 FOOT		
0690	0445-060016AF 16 INCH DUCTILE IRON PIPE, 10 FT DEPTH	88.00 FOOT		
0700	0445-060018AF 18 INCH DUCTILE IRON PIPE, 5 FT DEPTH	106.00 FOOT		
0710	0445-060018AF 18 INCH DUCTILE IRON PIPE, 10 FT DEPTH	236.00 FOOT		
0720	0445-0660000E PIPE WYES, 10 INCH	3.00 EACH		
0730	0445-0735030K CONCRETE IN BLOCKS	14.00 CUYD		
0740	0445-0735050E PIPE SLOPE ANCHOR, CONCRETE, 12 INCH	2.00 EACH		
0750	0445-0735050E PIPE SLOPE ANCHOR, CONCRETE, 18 INCH	2.00 EACH		
0760	0470-0101000E CONCRETE STORM SEWER MANHOLES	12.00 EACH		
0770	0470-0106000E CONCRETE MANHOLES, LARGE PRECAST	9.00 EACH		
0780	0470-0307000E CONCRETE INLETS, TYPE CG-2	3.00 EACH		
0790	0470-0313000E CONCRETE INLETS, TYPE G-1	6.00 EACH		
0800	0470-0315000E CONCRETE INLETS, TYPE G-2	1.00 EACH		

CONTRACT NO.: 15643 **PROJECT:** WILLAMETTE RIVER: STORMWATER SOURCE CONTROL IMPROVEMENTS

PROJECT KEY: 22552 **ADDENDUM NO.:** 3

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0810	0490-0104000E CONNECTION TO EXISTING STRUCTURES	18.00 EACH		
0820	0490-0117000E FILLING ABANDONED STRUCTURES	5.00 EACH		
0830	0490-0121000E MAJOR ADJUSTMENT OF MANHOLES	2.00 EACH		
0840	0490-0123000E EXTRA FOR MANHOLES OVER EXISTING SEWERS	19.00 EACH		
0850	0495-0100000J TRENCH RESURFACING	496.00 SQYD		
0860	1999-9Z90000E CURB OPENING AND GRATE REMOVAL	1.00 EACH		
0870	1999-9Z90000E DUCKBILL CHECK VALVE	1.00 EACH		
0880	1999-9Z90000E EXPANSION FITTING, 10 INCH	2.00 EACH		
0890	1999-9Z90000E FLEXIBLE COUPLING, 16 INCH	1.00 EACH		
0900	1999-9Z90000E FLEXIBLE COUPLING, 18 INCH	2.00 EACH		
0910	1999-9Z90000E FLOW SPLITTER, TYPE 1	1.00 EACH		
0920	1999-9Z90000E FLOW SPLITTER, TYPE 2	1.00 EACH		
0930	1999-9Z90000E FLOW SPLITTER, TYPE 3	1.00 EACH		
0940	1999-9Z90000E FLOW SPLITTER, TYPE 4	1.00 EACH		

CONTRACT NO.: 15643 **PROJECT:** WILLAMETTE RIVER: STORMWATER SOURCE CONTROL IMPROVEMENTS

PROJECT KEY: 22552 **ADDENDUM NO.:** 3

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0950	1999-9Z90000E FLOW SPLITTER, TYPE 6	1.00 EACH		
0960	1999-9Z90000E FLOW SPLITTER, TYPE 7	1.00 EACH		
0970	1999-9Z90000E FLOW SPLITTER, TYPE 8	1.00 EACH		
0980	1999-9Z90000E PIPE CAP	1.00 EACH		
0990	1999-9Z90000E STORMWATER CLEANOUT	9.00 EACH		

SECTION: 0004 BRIDGES

1000	0510-0100000A SHORING, CRIBBING, AND COFFERDAMS	ALL LUMP SUM		
1010	0510-0108000K GRANULAR STRUCTURE BACKFILL	924.00 CUYD		
1020	0520-0100000A FURNISH PILE DRIVING EQUIPMENT	ALL LUMP SUM		
1030	0520-0131000F FURNISH PP 18 X 0.625 STEEL PILES	1,476.00 FOOT		
1040	0520-0316000E DRIVE PP 18 X 0.625 STEEL PILES	36.00 EACH		
1050	0520-0325000E DRIVE TEST PILES	2.00 EACH		
1060	0530-0104000A REINFORCEMENT, GRADE 60	ALL LUMP SUM		
1070	0540-0102000A FOUNDATION CONCRETE, CLASS 4000	ALL LUMP SUM		

CONTRACT NO.: 15643 **PROJECT:** WILLAMETTE RIVER: STORMWATER SOURCE CONTROL IMPROVEMENTS

PROJECT KEY: 22552 **ADDENDUM NO.:** 3

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
1080	0581-0100000E BRIDGE DRAINS	2.00 EACH		
1090	1999-9Z90000A STAIRS, WALKWAY, & RAILING FOR DRAINAGE STRUCTURE ACCESS	ALL LUMP SUM		
	SECTION: 0005 BASES			
1100	0641-0102000M AGGREGATE BASE	768.00 TON		
	SECTION: 0006 WEARING SURFACES			
1110	0730-0100000M EMULSIFIED ASPHALT FOR TACK COAT	10.00 TON		
1120	0745-0302000M LEVEL 3, 1/2 INCH ACP	406.00 TON		
1130	0745-0402000M LEVEL 4, 1/2 INCH ACP	2,364.00 TON		
1140	0745-0620000M PG 64-22 ASPHALT IN LEVEL 3, 1/2 INCH ACP	23.00 TON		
1150	0745-0640100M PG 70-22ER ASPHALT IN LEVEL 4, 1/2 INCH ACP	131.00 TON		
1160	0748-0103000J 2 INCH ASPHALT CONCRETE PAVEMENT REPAIR	18,005.00 SQYD		
1170	0748-0103000J 5 INCH ASPHALT CONCRETE PAVEMENT REPAIR	262.00 SQYD		
1180	0748-0109000J 17 INCH ASPHALT CONCRETE PAVEMENT REPAIR	817.00 SQYD		

CONTRACT NO.: 15643 **PROJECT:** WILLAMETTE RIVER: STORMWATER SOURCE CONTROL IMPROVEMENTS

PROJECT KEY: 22552 **ADDENDUM NO.:** 3

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
1190	0748-0110000J 19 INCH ASPHALT CONCRETE PAVEMENT REPAIR	173.00 SQYD		
1200	0748-0111000J 20 INCH ASPHALT CONCRETE PAVEMENT REPAIR	184.00 SQYD		
1210	0748-0114000J 23 INCH ASPHALT CONCRETE PAVEMENT REPAIR	272.00 SQYD		
1220	0754-0100000J PLAIN CONCRETE PAVEMENT REPAIR	588.00 SQYD		
1230	0759-0100000F CONCRETE CURBS	558.00 FOOT		
1240	0759-0122000J CONCRETE ISLANDS	284.00 SQFT		
1250	0759-0134000F MONOLITHIC CURB AND SIDEWALKS	414.00 FOOT		
1260	0760-0100000J UNIT PAVERS	1,020.00 SQFT		

SECTION: 0007 PERMANENT TRAFFIC SAFETY AND GUIDANCE DEVICES

1270	0820-0500000F REMOVE AND REINSTALL EXISTING CONCRETE BARRIER	36.00 FOOT		
1280	0842-0103001E FACILITY FIELD MARKERS, TYPE S2	26.00 EACH		
1290	0855-0101100E MONO-DIRECTIONAL WHITE TYPE IAR MARKERS	149.00 EACH		
1300	0855-0103100E BI-DIRECTIONAL YELLOW TYPE IAR MARKERS	170.00 EACH		

CONTRACT NO.: 15643 **PROJECT:** WILLAMETTE RIVER: STORMWATER SOURCE CONTROL IMPROVEMENTS

PROJECT KEY: 22552 **ADDENDUM NO.:** 3

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
1310	0855-0107100E BI-DIRECTIONAL YELLOW TYPE IAR MARKERS, RECESSED	35.00 EACH		
1320	0857-0101000L CONTINUOUS RUMBLE STRIPS	0.27 MILE		
1330	0865-0116600F THERMOPLASTIC, EXTRUDED, SURFACE, PROFILED	17,700.00 FOOT		
1340	0867-0103100E PAVEMENT LEGEND, TYPE B-HS: ARROWS	4.00 EACH		
1350	0867-0131000E PAVEMENT LEGEND, TYPE B-HS: BICYCLE LANE STENCIL	3.00 EACH		
1360	0867-0145100J PAVEMENT BAR, TYPE B-HS	100.00 SQFT		
1370	0868-0200000J GREEN BICYCLE LANE, METHYL METHACRYLATE	48.00 SQFT		

SECTION: 0008 PERMANENT TRAFFIC CONTROL AND ILLUMINATION SYSTEMS

1380	0902-0101000E CROSSWALK CLOSURE SUPPORTS	1.00 EACH		
1390	0905-0101000A REMOVE AND REINSTALL EXISTING SIGNS	ALL LUMP SUM		
1400	0920-0100000A SIGN SUPPORT FOOTINGS	ALL LUMP SUM		
1410	0930-0116000A PIPE SIGN SUPPORTS	ALL LUMP SUM		
1420	0940-0202000J SIGNS, STANDARD SHEETING, SHEET ALUMINUM	6.00 SQFT		
1430	0970-0100000A POLE FOUNDATIONS	ALL LUMP SUM		

CONTRACT NO.: 15643 **PROJECT:** WILLAMETTE RIVER: STORMWATER SOURCE CONTROL IMPROVEMENTS

PROJECT KEY: 22552 **ADDENDUM NO.:** 3

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
1440	0970-0105000A SWITCHING, CONDUIT, AND WIRING	ALL LUMP SUM		
1450	0970-0200000A LIGHTING POLES AND ARMS	ALL LUMP SUM		

SECTION: 0009 RIGHT-OF-WAY DEVELOPMENT AND CONTROL

1460	1010-0100000A WATER QUALITY STRUCTURE, D00327 OF16-2	ALL LUMP SUM		
1470	1010-0100000A WATER QUALITY STRUCTURE, D00328 OF16-2	ALL LUMP SUM		
1480	1010-0100000A WATER QUALITY STRUCTURE, D00329 OF16-3	ALL LUMP SUM		
1490	1010-0100000A WATER QUALITY STRUCTURE, D00331 OF18-1	ALL LUMP SUM		
1500	1010-0100000A WATER QUALITY STRUCTURE, D00333 OF19-2	ALL LUMP SUM		
1510	1010-0100000A WATER QUALITY STRUCTURE, D00334 OF22C	ALL LUMP SUM		
1520	1010-0100000A WATER QUALITY STRUCTURE, D00335 WR206	ALL LUMP SUM		
1530	1010-0100000A WATER QUALITY STRUCTURE, D00336 WR206	ALL LUMP SUM		
1540	1010-0100000A WATER QUALITY STRUCTURE, D00337 WR208	ALL LUMP SUM		
1550	1010-0100000A WATER QUALITY STRUCTURE, D00338 OF22D	ALL LUMP SUM		

CONTRACT NO.: 15643 **PROJECT:** WILLAMETTE RIVER: STORMWATER SOURCE CONTROL IMPROVEMENTS

PROJECT KEY: 22552 **ADDENDUM NO.:** 3

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
1560	1010-0100000A WATER QUALITY STRUCTURE, D00405 OF22D	ALL LUMP SUM		
1570	1010-0100000A WATER QUALITY STRUCTURE, D00406 WR126	ALL LUMP SUM		
1580	1010-0100000A WATER QUALITY STRUCTURE, D00407 WR204-1	ALL LUMP SUM		
1590	1010-0100000A WATER QUALITY STRUCTURE, D00408 WR204-2	ALL LUMP SUM		
1600	1010-0100000A WATER QUALITY STRUCTURE, D00409 WR79	ALL LUMP SUM		
1610	1010-0100000A WATER QUALITY STRUCTURE, D00428 WR510	ALL LUMP SUM		
1620	1010-0100000A WATER QUALITY STRUCTURE, D00429 OF52	ALL LUMP SUM		
1630	1010-0100000A WATER QUALITY STRUCTURE, D00430 OF18-2	ALL LUMP SUM		
1640	1010-0100000A WATER QUALITY STRUCTURE, D00431 WR307	ALL LUMP SUM		
1650	1010-0100000A WATER QUALITY STRUCTURE, D00432 FB-W	ALL LUMP SUM		
1660	1010-0100000A WATER QUALITY STRUCTURE, D00507 FB-W	ALL LUMP SUM		
1670	1010-0100000A WATER QUALITY STRUCTURE, D00508 FB-E	ALL LUMP SUM		
1680	1010-0100000A WATER QUALITY STRUCTURE, D00509 FB-E	ALL LUMP SUM		

CONTRACT NO.: 15643 **PROJECT:** WILLAMETTE RIVER: STORMWATER SOURCE CONTROL IMPROVEMENTS

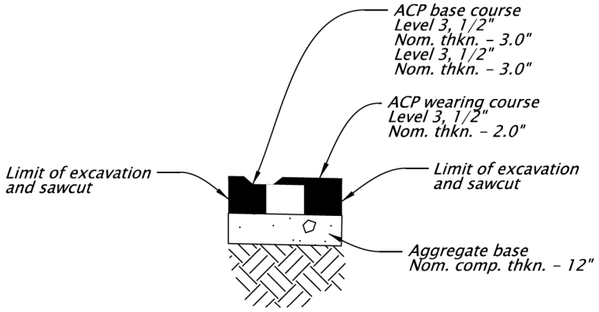
PROJECT KEY: 22552 **ADDENDUM NO.:** 3

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
1690	1030-0108000R PERMANENT SEEDING	0.13 ACRE		
1700	1040-0101000K TOPSOIL	72.00 CUYD		
1710	1040-0114000E CONIFER TREES, 6 FT HEIGHT	1.00 EACH		
1720	1040-0130000E DECIDUOUS TREES, 2 INCH CALIPER	44.00 EACH		
1730	1040-0153000E SHRUBS, #1 CONTAINER	69.00 EACH		
1740	1040-0193000K WOOD CHIP MULCH	80.00 CUYD		
1750	1050-0187000E 4 FOOT X 24 INCH CHAIN LINK SINGLE GATES	1.00 EACH		
1760	1050-0240000F REMOVING AND REBUILDING FENCE	142.00 FOOT		
1770	1069-0200000E PEDESTRIAN FENCE	6.00 EACH		

SECTION: 0010 WATER SUPPLY SYSTEMS

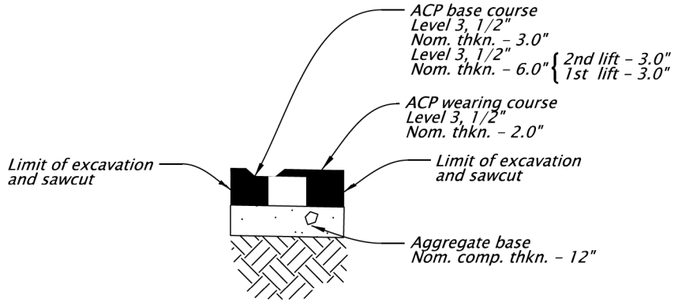
1780	1999-9Z90000A PRESETTLING TANK, 26'D X 20'H (WR-307)	ALL LUMP SUM		
1790	1999-9Z90000A PUMP CONTROL ROOM ELECTRICAL	ALL LUMP SUM		
1800	1999-9Z90000A PUMP CONTROL ROOM STRUCTURE	ALL LUMP SUM		
1810	1999-9Z90000A PUMP STATION	ALL LUMP SUM		

TOTAL BID: _____



FULL DEPTH ACPR
20 INCH ASPH. CONC. PVMT. REPAIR
OF16-2, OF16-3, OF22C, OF22D
US30 SHOULDER PAVEMENT

Not to scale

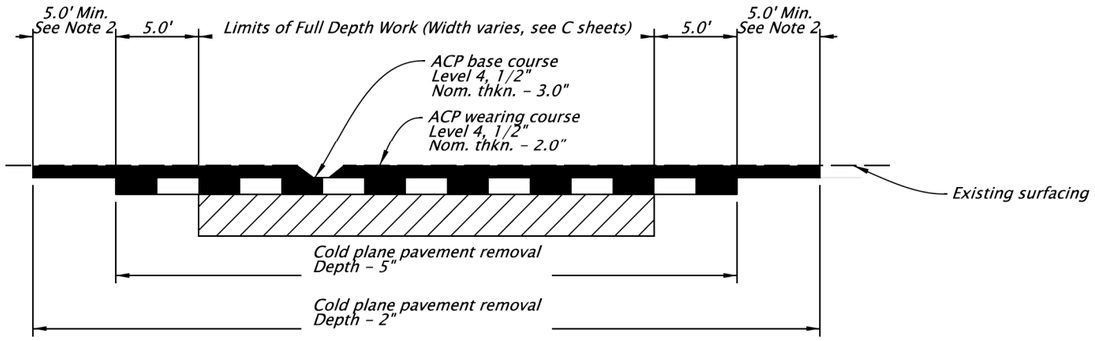


FULL DEPTH ACPR
23 INCH ASPH. CONC. PVMT. REPAIR
OF18-1, OF19-2, WR208/WR211, WR126,
WR204, WR79
US30 TRAVEL LANE PAVEMENT

Not to scale

General Pavement Notes:

1. Restore pavement and base with pavement sections provided, or match existing (whichever is greater).
2. Place ACP pavement at depths shown.
3. Protect new pavement from traffic until final lift is placed.
4. New pavement shall be Level 3, PG 64-22 or Level 4, PG 70-22ER asphalt concrete as shown.
5. Within any travel lane, pavement resurfacing joint shall be at either the lane line or the center of the lane.
6. Sawcuts shall be uniform and smooth and either parallel or perpendicular to the roadway centerline. Align sawcuts to remove any jagged, irregular, or broken edges.
7. Fully restore pavement to the extents shown on the C series plan sheets.
8. Not used.
9. Replace any striping damaged, removed, or covered by tack.
10. Sand seal all joints.
11. See RD300 for trenching details in US30 travel lane/shoulder and BA05 for trenching details on City streets.

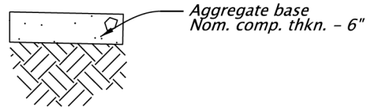


PARTIAL DEPTH ACPR
2" AND 5" ASPH. CONC. PVMT. REPAIR
US30 TRAVEL LANE

Not to scale

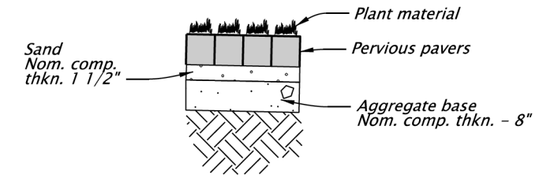
Travel Lane ACPR Notes

1. Extend 5" ACPR a min. of 5' beyond limits of full depth work.
2. Extend 2" ACPR a min. of 10' beyond limits of full depth work and to adaquatly remove temporary pavement markings. Where work extends into any part of a travel lane, paving surfaces shall include the entire width of the lane and include and extend 2" past the existing pavement markings.
3. Extend 2" and 5" ACPR at least 2' into shoulder, as shown on C series.
4. Where full depth work is fully contained in the shoulder only, 5" ACPR is not required, see 2" ACPR detail on BA02.



ST. JOHNS WEST AND
WR208/211 GRAVEL
ACCESS PAD

Not to scale



FREMONT WEST
UNIT PAVERS

Not to scale

Unit Paver Notes:

1. Furnish pavers rated for vehicular traffic with unit strength no less than 200 psi. Furnish pavers with a minimum of 40% open area such that ground cover can be established.
2. Material thickness, properties, and installation procedure to meet specifications outlined in product installation instructions.

No.	DATE	REVISIONS	BY
1	04-17-26	Removed note 8	A.P.J.

REGISTERED PROFESSIONAL ENGINEER
93931PE
Digitally Signed 2026.04.17 15:50:31-07'00'
OREGON
SEPT. 11, 2018
VERONICA B. VONG
RENEWS: 06-30-2026

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

WSP USA Inc.
1300 SW 5th Ave
Suite 3100
Portland, OR 97201
Tel: 1 503 274 8772

WILLAMETTE RIVER: STORMWATER SOURCE CONTROL IMPROVEMENTS PROJECT
LOWER COLUMBIA RIVER, NORTHEAST PORTLAND, STADIUM FREEWAY HIGHWAY
MULTNOMAH COUNTY

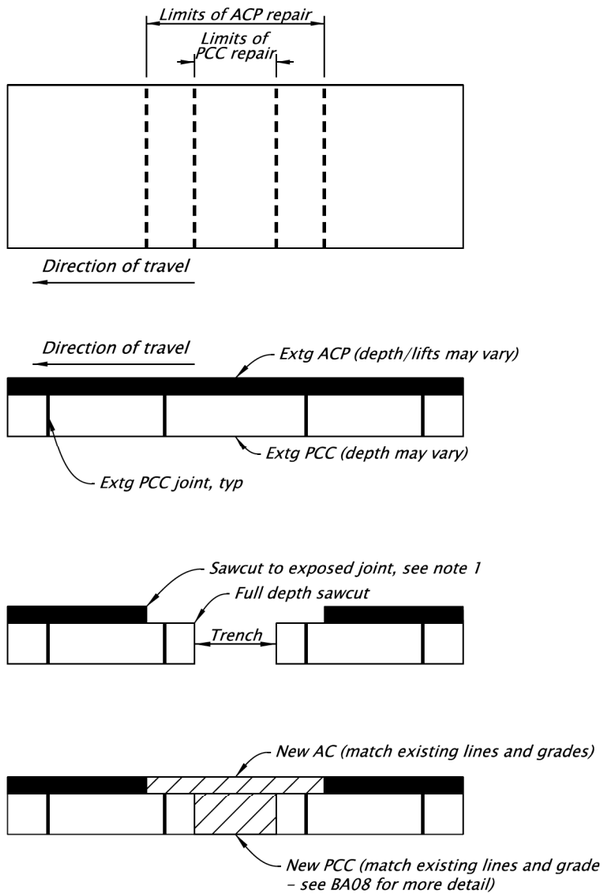
Designer: Alex Junge | Reviewer: Veronica Vong
Drafter: Grace Harrison | Checker: Veronica Vong

DETAILS

SHEET NO. BA03

⚠2 TABLE NO. 1 PLAIN CONCRETE PAVEMENT REPAIR DETAILS

Site	APPROX. MP	DIR	LANE	REPAIR WIDTH	REPAIR LENGTH	REPAIR AREA	LANE WIDTH W (ft)	PVMT. THKN. T (in)	EXISTING BASE TYPE	ADJACENT LANE SURFACE	AC DEPTH SAW CUT (INCHES)	FULL DEPTH SAW CUT (INCHES)
OF18-2	3.00	West	All	33.9'	30.2'	1,024 sqft	33.9'	15	Agg base	N/A	5	15
OF22C	6.41	West	All	21.2'	34.1'	720 sqft	21.2'	10	Agg base	N/A	2	10
OF22D	7.29	East/West	All	45.0'	46.7'	2102 sqft	45.0'	10	Agg base	N/A	2	10

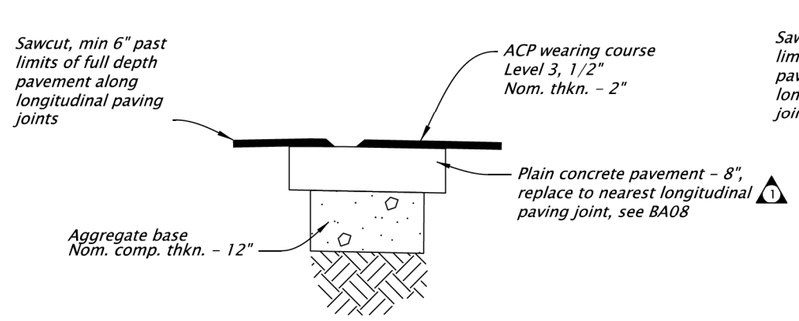


Notes

1. *Sawcut min 6" past PCC base panel transverse joint. Verify a minimum of 3' of panel is in place on either side of trench. If less than 3"of a partial panel is in place, remove and replace panel to exposed joint.*

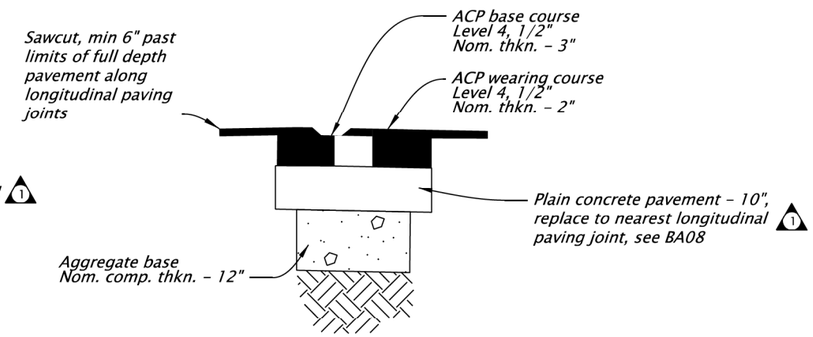
PCC TRENCH RESURFACING
BRIDGE AVE TRAVEL LANE

Not to scale



FULL DEPTH CONC. PVMT. REPAIR
OF22C, OF22D
BRIDGE AVE PAVEMENT

Not to scale



FULL DEPTH ASPH. CONC. PVMT. REPAIR
OF18-2
YEON AVE FRONTAGE RD PAVEMENT

Not to scale

No.	DATE	REVISIONS	BY
⚠1	04-14-26	Removed 'undowelled' from detail notes (2)	A.P.J.
⚠2	04-17-26	Removed "(J)" from repair length column	A.P.J.

General Pavement Notes:

1. *Restore pavement and base with pavement sections provided, or match existing (whichever is greater).*
2. *Protect new pavement from traffic until final lift is placed.*
3. *New pavement shall be Level 3, PG 64-22 or Level 4, PG 70-22ER asphalt concrete as shown.*
4. *Sawcuts shall be uniform and smooth and either parallel or perpendicular to the roadway centerline. Align sawcuts to remove any jagged, irregular, or broken edges.*
5. *Replace any striping damaged, removed, or covered by tack.*

REGISTERED PROFESSIONAL ENGINEER
93931PE
Digitally Signed 2026.04.20 09:11:54-07'00'
OREGON
SEPT. 11, 2018
VERONICA B. VONG
RENEWS: 06-30-2026

WSP USA Inc.
1300 SW 5th Ave
Suite 3100
Portland, OR 97201
Tel: 1 503 274 8772

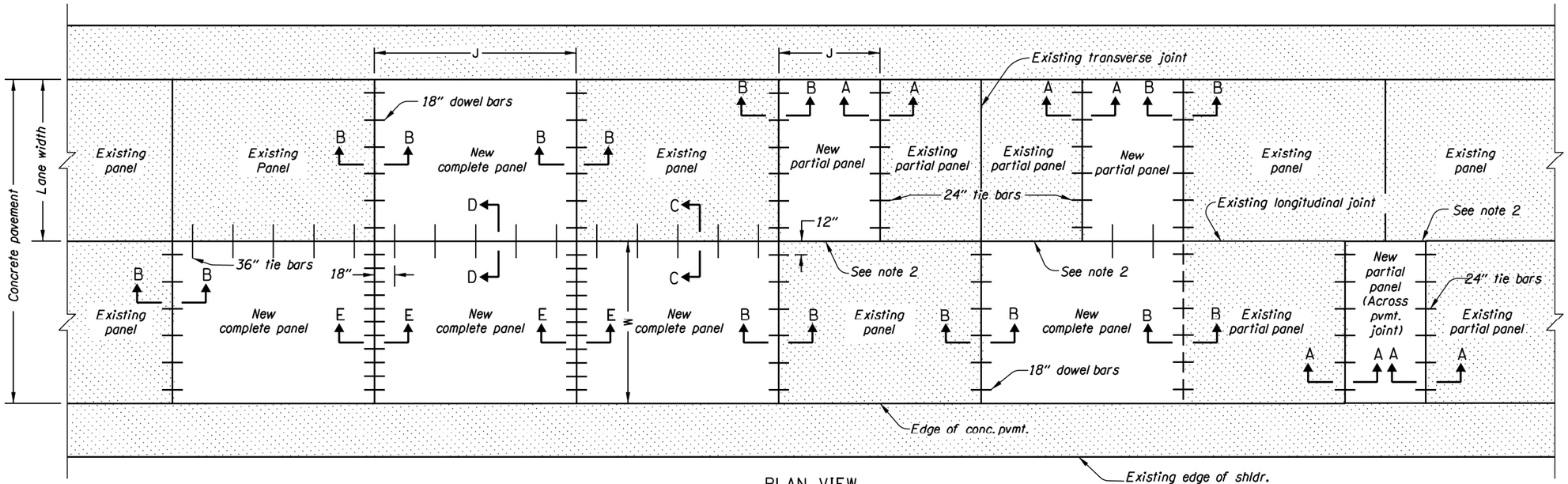
OREGON DEPARTMENT OF TRANSPORTATION

WILLAMETTE RIVER: STORMWATER SOURCE CONTROL IMPROVEMENTS PROJECT
LOWER COLUMBIA RIVER, NORTHEAST PORTLAND, STADIUM FREEWAY HIGHWAY
MULTNOMAH COUNTY

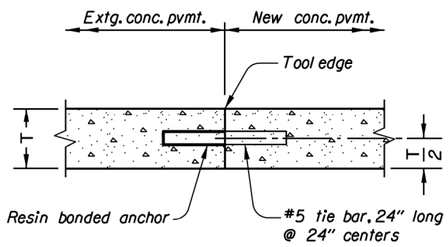
Designer: Alex Junge
Drafter: Grace Harrison
Reviewer: Veronica Vong
Checker: Veronica Vong

DETAILS

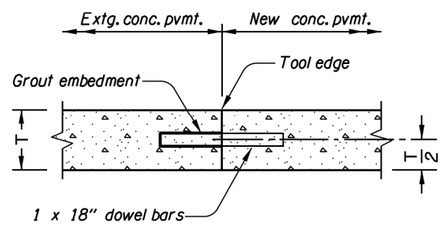
SHEET NO. BA04



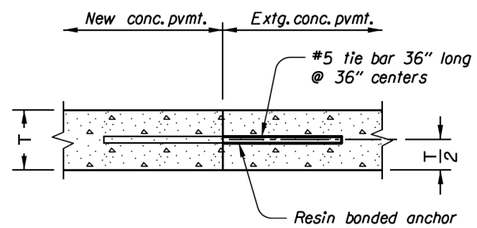
PLAN VIEW



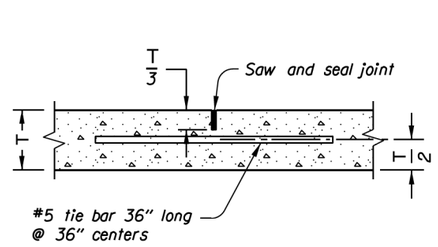
SECTION A-A
CONSTRUCTION JOINT
(Partial panel splice)



SECTION B-B
CONTRACTION JOINT
(New PCC to extg. PCC transverse joint)

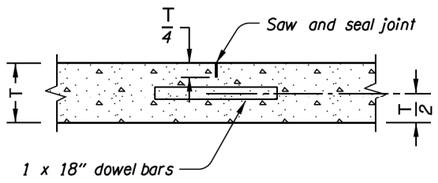


SECTION C-C
CONTACT JOINT
(New PCC to extg. PCC long. joint)



SECTION D-D
WEAKENED PLANE JOINT
(New PCC long. joint)

TRANSVERSE JOINT



SECTION E-E

CONTRACTION JOINT

LONGITUDINAL JOINT

GENERAL NOTES:

1. *Install tie bars along longitudinal joints between full panel replacement and existing concrete pavement. Tie bars are not installed between concrete pavement and ACP pavement.*
2. *Place a bond breaker along the longitudinal joint between partial panel replacement and existing panel.*
3. *Center tie bars and dowel bars on joint.*
4. *For exisiting PCC to new PCC transverse joint spacing of #5 tie bars and 1 x 18" dowel bars use 2ft (Sections A-A and B-B).*
5. *Use dowel spacing of 1ft for new PCC panel to new PCC panel construction (section E-E).*
6. *Follow 00754.43 for dowel bar and tie bar placement.*
7. *Concrete saw-cutting performed to complete a concrete repair will be paid for by the linear foot for the perimeter of the repair. Intermediate cuts to complete concrete repair will be incidental to PCC repair. Additional full-depth cuts the Engineer directs to extend the repair limits will be paid for by the linear foot, unless those cuts are required because of damage due to contractor operations.*
8. *Install contraction joints (Sections B-B and E-E) between panels with a spacing interval no less than 12' and no greater than 15'.*

No.	DATE	REVISIONS	BY
1	04-20-26	Added general note 8	A.P.J.

REGISTERED PROFESSIONAL ENGINEER
93931PE
Digitally Signed 2026.04.21 10:18:37-07'00'
OREGON
SEPT. 11, 2018
VERONICA B. VONG
RENEWS: 06-30-2026

WSP USA Inc.
1300 SW 5th Ave
Suite 3100
Portland, OR 97201
Tel: 1 503 274 8772

WILLAMETTE RIVER: STORMWATER SOURCE CONTROL IMPROVEMENTS PROJECT
LOWER COLUMBIA RIVER, NORTHEAST PORTLAND, STADIUM FREEWAY HIGHWAY
MULTNOMAH COUNTY

Designer: Alex Junge | Reviewer: Veronica Vong
Drafter: Grace Harrison | Checker: Veronica Vong

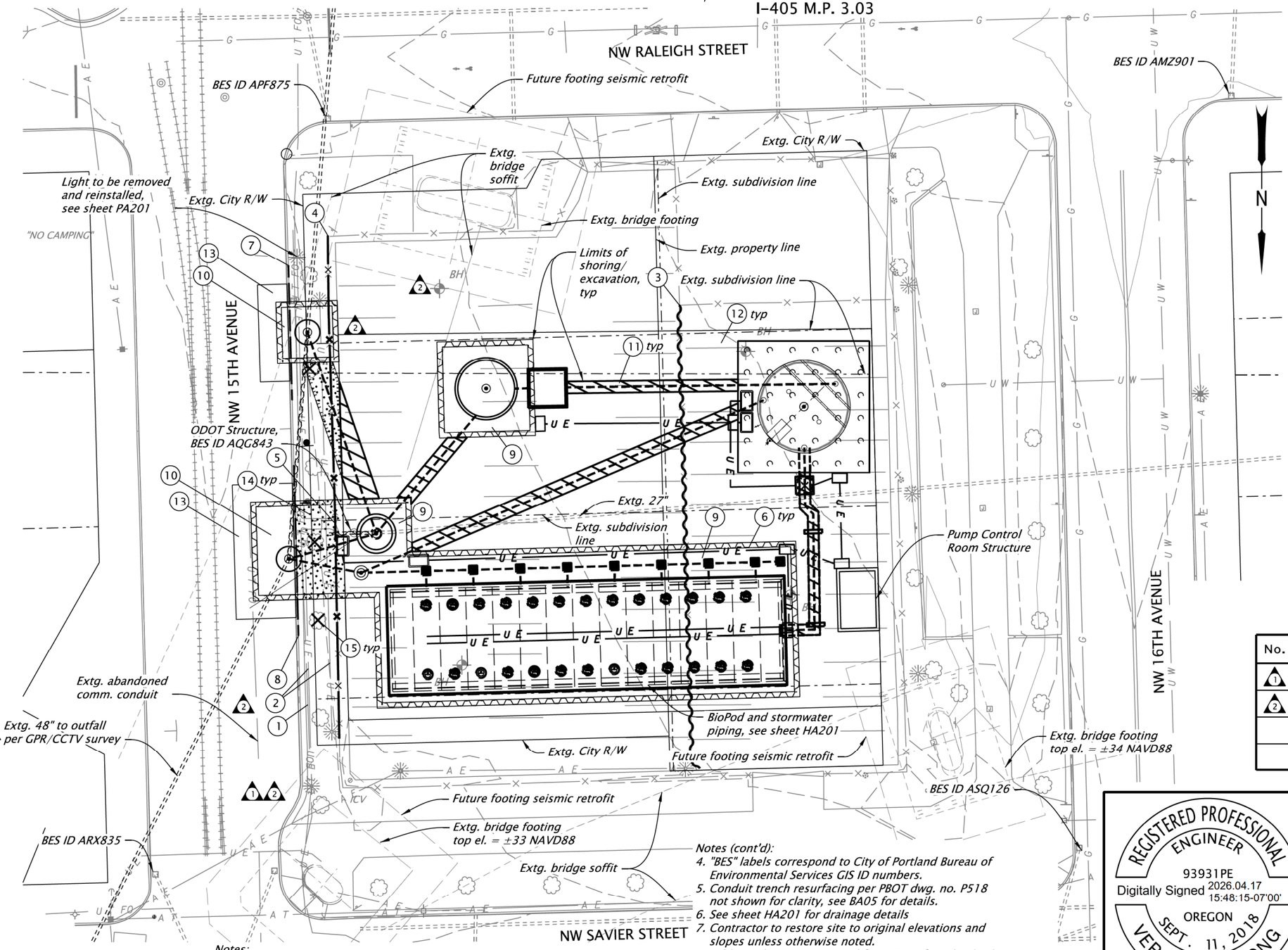
DETAILS

SHEET NO. BA08

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Sec.28 & 33, T.1N, R.1E, W.M.

I-405/FREMONT BRIDGE - INTERCHANGE
I-405 M.P. 3.03



CONSTRUCTION NOTES 59V-002

1. *Relocate extg. underground communication line (by others)*
2. *Relocate extg. underground streetlighting circuit and electrical line (For details, see sht. PA201)*
3. *Remove chain link fence - 132 LF*
4. *Remove and rebuild chain link fence - 142 LF (See dwg. no. RD815)*
5. *Remove and reinstall 4 foot X 24 inch chain link single gate*
6. *Install temporary shoring*
7. *Remove curb - 38 LF*
   Construct concrete curb, standard curb - 38 LF
   (For details, see sht. BA06)
8. *Remove curb - 48 LF*
   Construct concrete curb, standard curb - 48 LF
   (For details, see sht. BA06)
9. *Const. 17 inch asph. conc. pvmt. repair - 699 SQYD (For details, see sht. BA02 - Parking)*
10. *Const. 19 inch asph. conc. pvmt. repair - 44 SQYD (For details, see sht. BA02 - City Street)*
11. *Trench resurfacing - 109 SQYD shown thus:* ▨
12. *Const. 2 inch asph. conc. pvmt. repair - 786 SQYD (For details, see sht. BA02 - Parking)*
13. *Const. 2 inch asph. conc. pvmt. repair - 97 SQYD (For details, see sht. BA02 - City Street)*
14. *Permanent seeding - 0.012 acres, shown thus:* ⁘
    (For details, see sht. BA02 - Seeding)
15. *Remove tree - 3*

No.	DATE	REVISIONS	BY
1	04-10-26	Adjusted outfall pipe diameters to be consistent with surveys and HA sheets	A.P.J.
2	04-16-26	Removed 42" extg. storm sewer pipe and leaders	A.P.J.

Notes:
1. *Contractor to verify overhead clearances prior to excavation.*
2. *Contractor to field verify site conditions prior to installation of shoring.*
3. *All features not designated for adjustment or removal are designated to remain. See subsections 00170.82 and 00310.02 of the standard specifications.*

Notes (cont'd):
4. *"BES" labels correspond to City of Portland Bureau of Environmental Services GIS ID numbers.*
5. *Conduit trench resurfacing per PBOT dwg. no. P518 not shown for clarity, see BA05 for details.*
6. *See sheet HA201 for drainage details*
7. *Contractor to restore site to original elevations and slopes unless otherwise noted.*
8. *Additional permits required from City of Portland Urban Forestry for existing trees along NW 15th Ave prior to cutting or pruning any branches greater than 1/2 inch in diameter or roots greater than 1/4 inch in diameter. Online applications at https://devhub.portlandoregon.gov.*

30 15 0 30
FEET

REGISTERED PROFESSIONAL ENGINEER
93931PE
Digitally Signed 2026.04.17 15:48:15-07'00'
OREGON
SEPT. 11, 2018
VERONICA B. VONG
RENEWS: 06-30-2026

WSP USA Inc.
1300 SW 5th Ave
Suite 3100
Portland, OR 97201
Tel: 1 503 274 8772

OREGON DEPARTMENT OF TRANSPORTATION

WILLAMETTE RIVER: STORMWATER SOURCE CONTROL IMPROVEMENTS PROJECT
LOWER COLUMBIA RIVER, NORTHEAST PORTLAND, STADIUM FREEWAY HIGHWAY
MULTNOMAH COUNTY

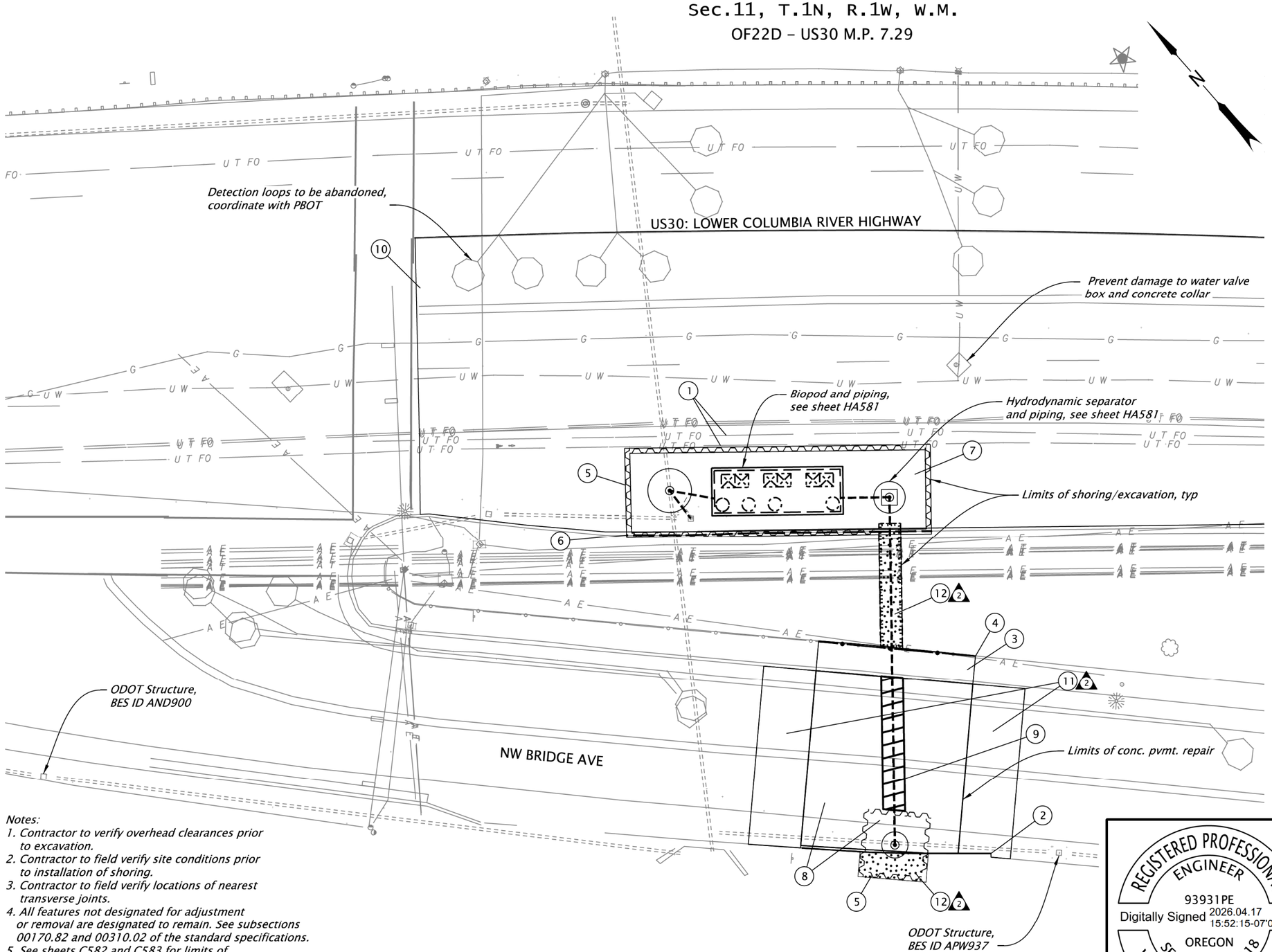
Designer: Alex Junge | Reviewer: Veronica Vong
Drafter: Grace Harrison | Checker: Veronica Vong

GENERAL CONSTRUCTION | SHEET NO. C201

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Sec.11, T.1N, R.1W, W.M.

OF22D – US30 M.P. 7.29



CONSTRUCTION NOTES

1. *Relocate extg. underground concrete fiber optic ductbank (by others)*
2. *Remove and reinstall extg. conc. barrier – 36 LF*
3. *Remove walk – 17 SQYD*
   Const. monolithic curb, and sidewalk – 30 LF
   Setback – 0'
   (For details, see sht. BA07)
4. *Remove pedestrian fencing – 30 LF*
   Install pedestrian fencing in kind – 30 LF
   See dwg. nos. RD770 and RD771
5. *Install temporary shoring*
6. *N: 195899.67, E: 322065.62*
   Remove curb – 59 LF
   Const. concrete curb, standard curb – 59 LF
   E=7", match extg. H
7. *Const. 23 inch asph. conc. pvmt. repair – 107 SQYD*
   (For details, see sht. BA03 – US30 Travel Lane)
8. *Const. conc. pvmt. repair – 100 SQYD*
   (For details, see sht. BA04 – Bridge Ave)
9. *Trench resurfacing – 12 SQYD*
   shown thus: ▨
10. *Const. 2 inch asph. conc. pvmt. repair – 2161 SQYD*
    (For details, see sht. BA03 – US30 Travel Lane)
11. *Const. 2 inch asph. conc. pvmt. repair – 74 SQYD*
    (For details, see sht. BA02 – Bridge Ave)
12. *Permanent seeding – 0.004 acres (total),*
    shown thus: ⁘
    (For details, see sht. BA02 – Seeding)

No.	DATE	REVISIONS	BY
1	04-09-26	Changed unit in note 9 – CUYD to SQYD	A.P.J.
2	04-17-26	Revised CN 11 and CN 12 leaders	A.P.J.

Notes:

1. *Contractor to verify overhead clearances prior to excavation.*
2. *Contractor to field verify site conditions prior to installation of shoring.*
3. *Contractor to field verify locations of nearest transverse joints.*
4. *All features not designated for adjustment or removal are designated to remain. See subsections 00170.82 and 00310.02 of the standard specifications.*
5. *See sheets C582 and C583 for limits of 2" ACPR for temporary striping removal.*
6. *See sheet HA581 for drainage details.*
7. *Contractor to restore site to original elevations and slopes unless otherwise noted.*

20 10 0 20
FEET

REGISTERED PROFESSIONAL ENGINEER
93931PE
Digitally Signed 2026.04.17 15:52:15-07'00'
OREGON
SEPT. 11, 2018
VERONICA B. VONG
RENEWS: 06-30-2026

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

WSP USA Inc.
1300 SW 5th Ave
Suite 3100
Portland, OR 97201
Tel: 1 503 274 8772

OREGON DEPARTMENT OF TRANSPORTATION

WILLAMETTE RIVER: STORMWATER SOURCE CONTROL IMPROVEMENTS PROJECT
LOWER COLUMBIA RIVER, NORTHEAST PORTLAND, STADIUM FREEWAY HIGHWAY
MULTNOMAH COUNTY

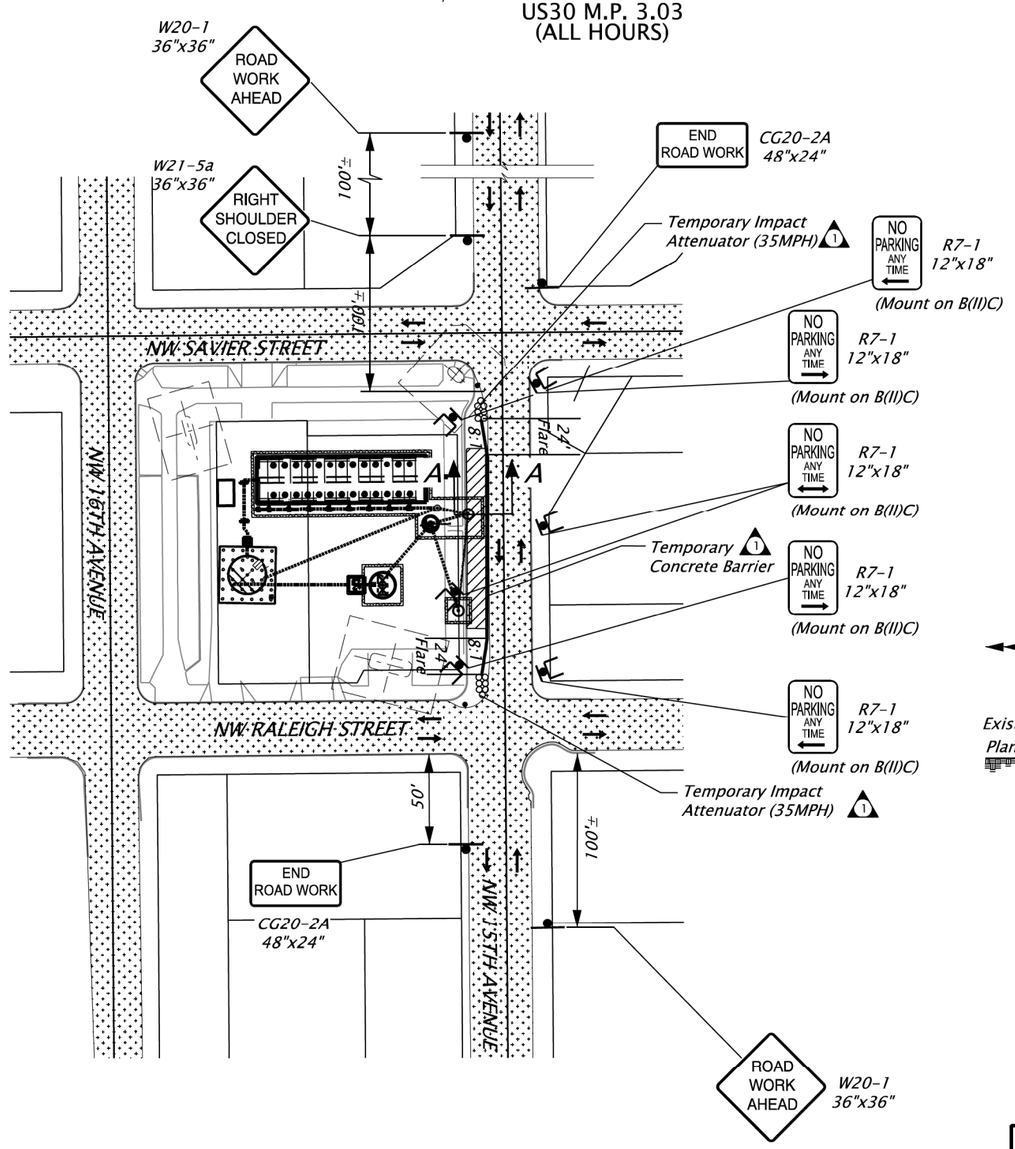
Designer: Alex Junge | Reviewer: Veronica Vong
Drafter: Grace Harrison | Checker: Veronica Vong

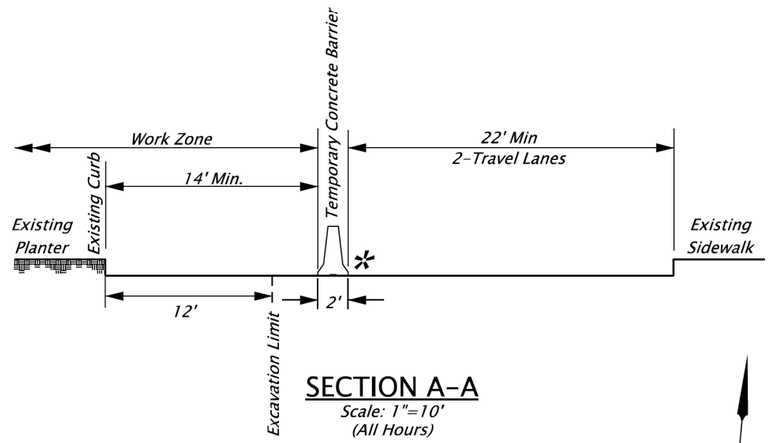
GENERAL CONSTRUCTION

SHEET NO. C581

TEMPORARY TRAFFIC CONTROL AND PEDESTRIAN ACCESSIBLE ROUTE

1405/FREMONT BRIDGE – INTERCHANGE
US30 M.P. 3.03
(ALL HOURS)





SECTION A-A
Scale: 1"=10'
(All Hours)

✻ Maintain 1.5-ft minimum clearance behind temporary concrete barrier. Minimum clearance requires barrier to be secured per 1 ODOT Standard Drawing TM830.

N

GENERAL NOTES

1. Cover or protect work zone and all excavation after work hour.
2. Cover or remove all permanent signs that conflict with temporary signs.
3. Adjustments to temporary traffic control devices may be necessary to accommodate field conditions.
4. See ODOT TM800 series drawings for additional guidance on temporary lane closure to accommodate traffic.
5. Contractor to provide fencing along perimeter of work zone to restricted unauthorized access.

LEGEND

- Temporary sign Type II barricade
- Temporary sign on temporary post
- • • • 28" tubular markers on 20' max. spacing
- Temporary Impact Attenuator (35 MPH)
- Temporary concrete barrier (reflectorized)
- Under construction
- Under Traffic

No.	DATE	REVISIONS	BY
1	04-16-26	Traffic control plan change.	J.M.

REGISTERED PROFESSIONAL ENGINEER
53,044
Digitally Signed
2026.04.16 09:12:35-07'00'
OREGON
JANUARY 15, 2002
DANA M. BECKWITH
EXPIRES: DEC. 31, 2027

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

227 SW Pine Street
SUITE 220
PORTLAND, OR 97204
503.719.7997

OREGON DEPARTMENT OF TRANSPORTATION

WILLAMETTE RIVER: STORMWATER SOURCE CONTROL IMPROVEMENTS PROJECT
LOWER COLUMBIA RIVER, NORTHEAST PORTLAND, STADIUM FREEWAY HIGHWAY
MULTNOMAH COUNTY

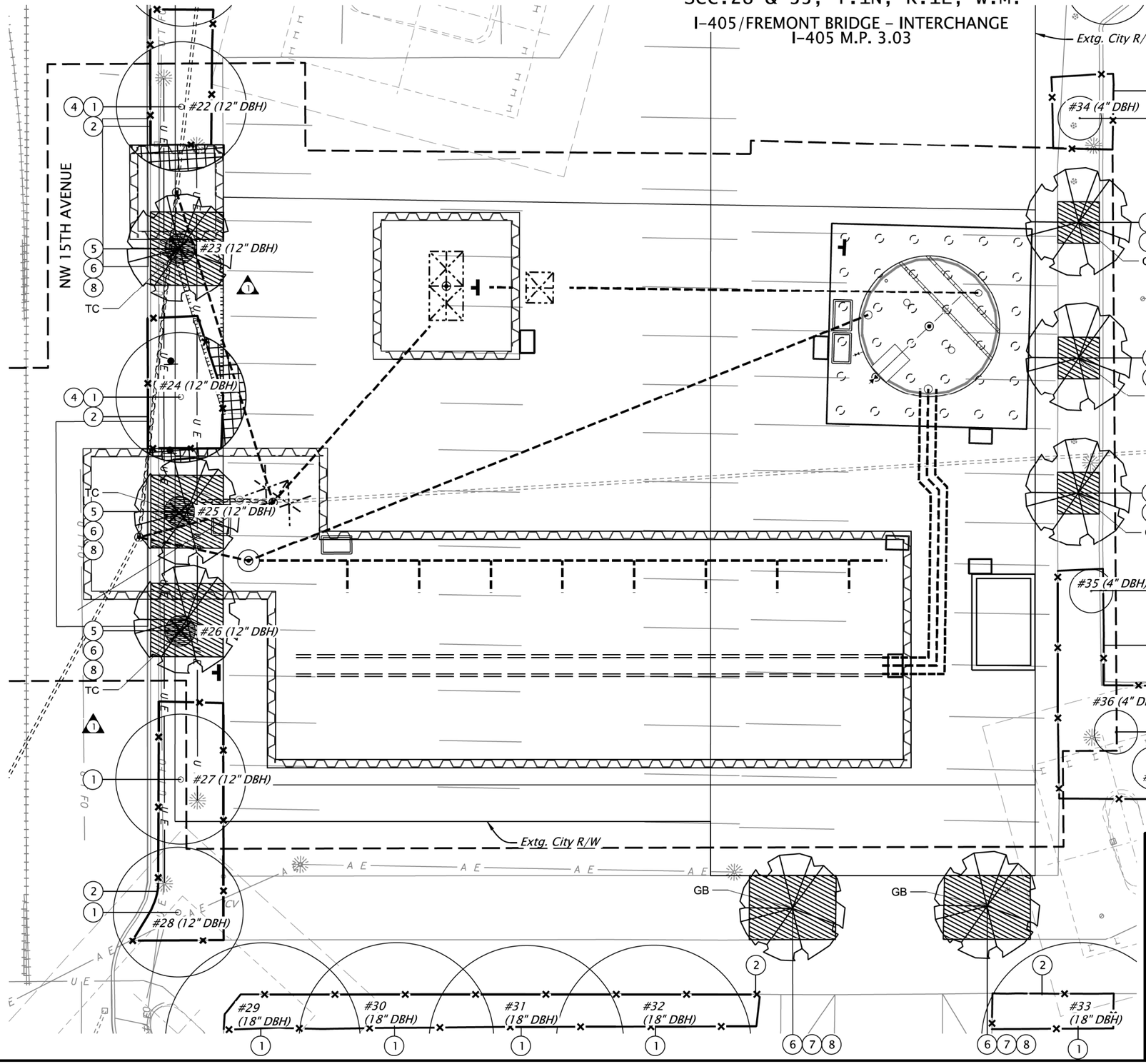
Designer: Aman Woldetinsae
Drafter: Tracy Molina
Reviewer: Dana Beckwith
Checker: Dana Beckwith

TRAFFIC CONTROL PLAN

SHEET NO. ES01

Sec.28 & 33, T.1N, R.1E, W.M.

I-405/FREMONT BRIDGE - INTERCHANGE
I-405 M.P. 3.03



PLANTING KEY NOTES

1. Protect tree in place
2. Install tree protection fencing (See P-582 Sheet FA001)
4. Special excavation conditions: Use hand-operated equipment. All work within root-zone to be supervised by certified arborist
5. Remove tree (3)
6. Install deciduous or conifer tree (See P-581 Sheet FA002)
7. Vegetation removal / Pruning prior to planting
8. Install wood chip mulch

LEGEND

- #1 — Tree identification number (See tree inventory worksheet); Existing tree; Root protection zone
- Tree to be removed
- Development impact area (15' from construction)
- Tree protection fencing
- AB — Proposed tree (Under utility line)
- AB — Tree code (See sheet FA004 for tree schedule)
- Wood chip mulch
- Proposed shoring
- Existing fence line

Note:
1. Any irrigation disturbed during construction to be replaced in kind.
2. All street tree permitting activity is deferred to Public Works Permit TB0182.

No.	DATE	REVISIONS	BY
1	04-16-26	Removed 42" extg. storm sewer pipe	A.P.J.

20 10 0 20
FEET

REGISTERED
1004
Digitally Signed 2026.04.21 11:08:44-07'00'
Exp. Date: 2/28/2027
SAMUEL G. R. JONES
OREGON
02/07/2019
LANDSCAPE ARCHITECT

WSP USA Inc.
1300 SW 5th Ave
Suite 3100
Portland, OR 97201
Tel: 1 503 274 8772

OREGON DEPARTMENT OF TRANSPORTATION

WILLAMETTE RIVER: STORMWATER SOURCE CONTROL IMPROVEMENTS PROJECT
LOWER COLUMBIA RIVER, NORTHEAST PORTLAND, STADIUM FREEWAY HIGHWAY
MULTNOMAH COUNTY

Designer: Samuel Jones
Reviewer: Dan Wojtala
Drafter: Callan Roemer
Checker: Callan Roemer

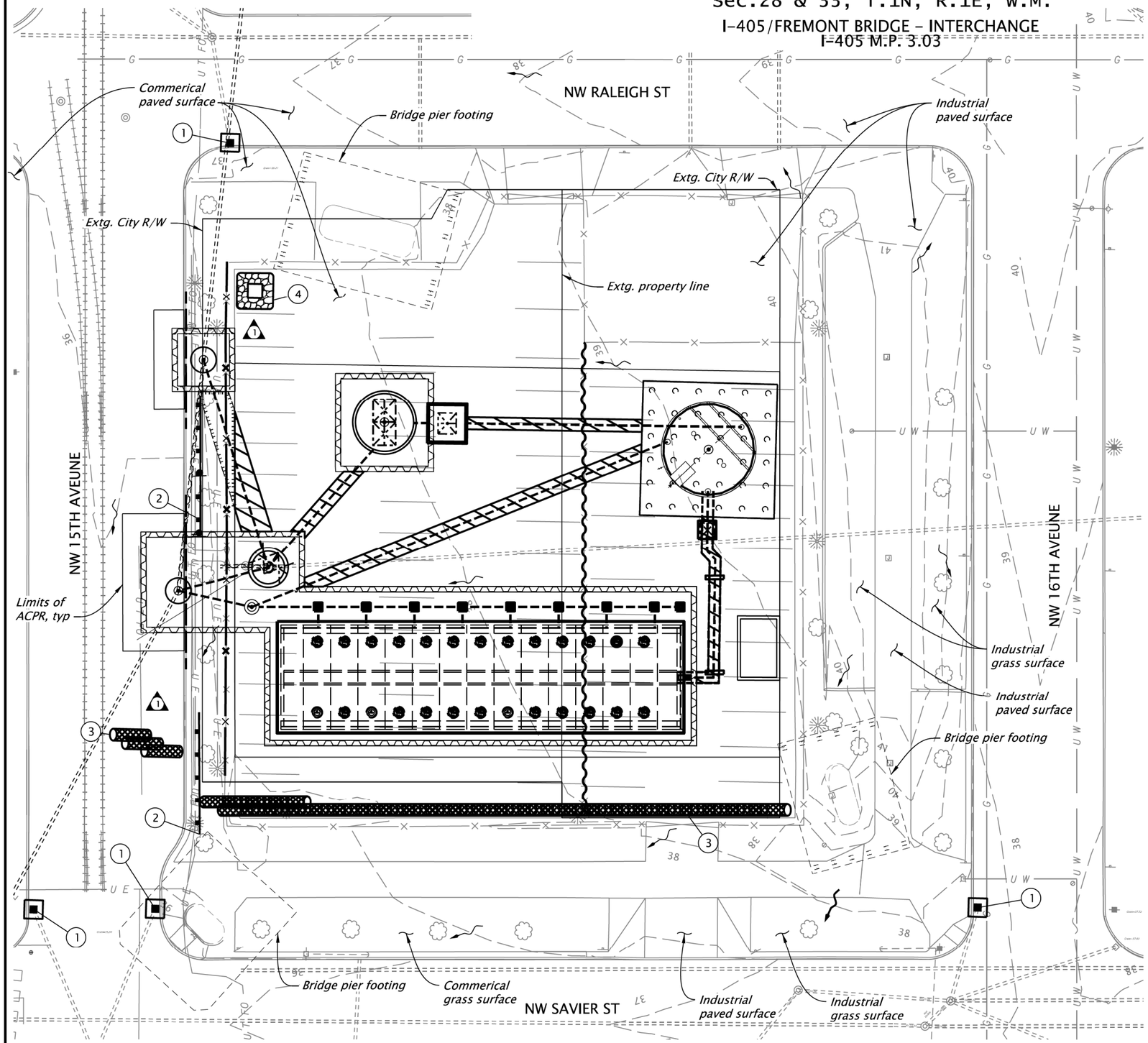
ROADSIDE DEVELOPMENT PLANTING PLAN/SECTION

SHEET NO. FA201

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Sec.28 & 33, T.1N, R.1E, W.M.

I-405/FREMONT BRIDGE - INTERCHANGE
I-405 M.P. 3.03



CONSTRUCTION NOTES

1. *Const. inlet protection (Type 3)*
2. *Const. sediment fence (See dwg. no. RD1040)*
3. *Inst. sediment barrier (Type 2)*
4. *Const. concrete truck wash*

No.	DATE	REVISIONS	BY
1	04-16-26	Removed 42" extg. storm sewer pipe	J.G.H.

Notes:
1. *Overhead utilities not shown for clarity.*
2. *Contractor to field verify site conditions prior to installation of shoring.*
3. *If construction dewatering is required, discharge will occur only into ODOT infrastructure. Construction dewatering to the City's system not authorized. Batch Discharge Authorization permit is required for temporary discharges of groundwater or construction related stormwater (channelized, collected and/or pumped) to the City's public sanitary or storm sewer system. If dewatering to City sanitary or storm sewer system is necessary, pre-authorization must be obtained from the Bureau of Environmental Services at batchdischarge@portlandoregon.gov*

30 15 0 30
FEET

REGISTERED PROFESSIONAL ENGINEER
93931PE
Digitally Signed 2026.04.17 15:45:56-07'00'
OREGON
SEPT. 11, 2018
VERONICA B. VONG
RENEWS: 06-30-2026

WSP USA Inc.
1300 SW 5th Ave
Suite 3100
Portland, OR 97201
Tel: 1 503 274 8772

OREGON DEPARTMENT OF TRANSPORTATION

WILLAMETTE RIVER: STORMWATER SOURCE CONTROL IMPROVEMENTS PROJECT
LOWER COLUMBIA RIVER, NORTHEAST PORTLAND, STADIUM FREEWAY HIGHWAY
MULTNOMAH COUNTY

Designer: Alex Junge
Drafter: Grace Harrison
Reviewer: Veronica Vong
Checker: Veronica Vong

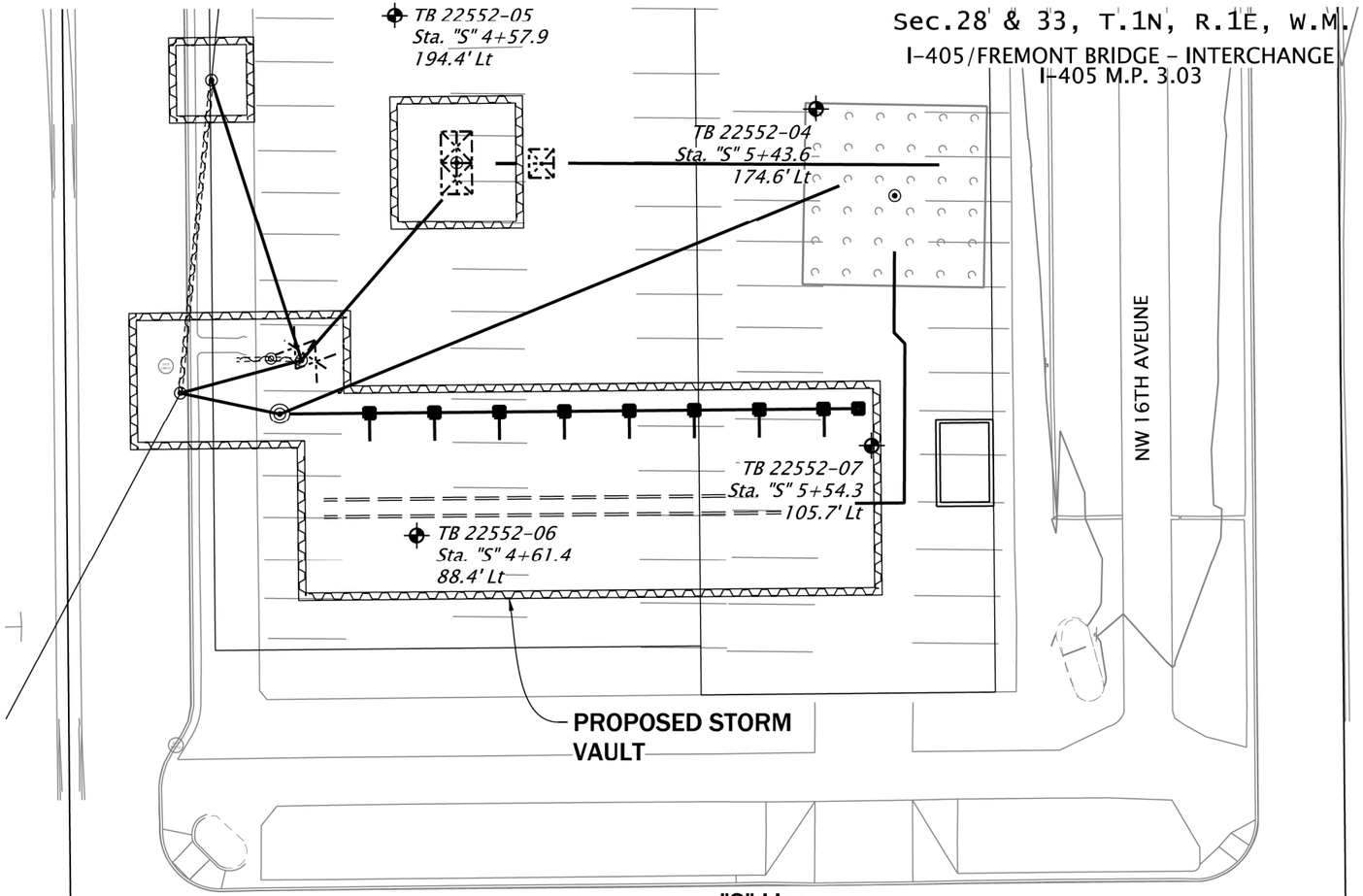
EROSION AND SEDIMENT CONTROL PLAN

SHEET NO. FB201

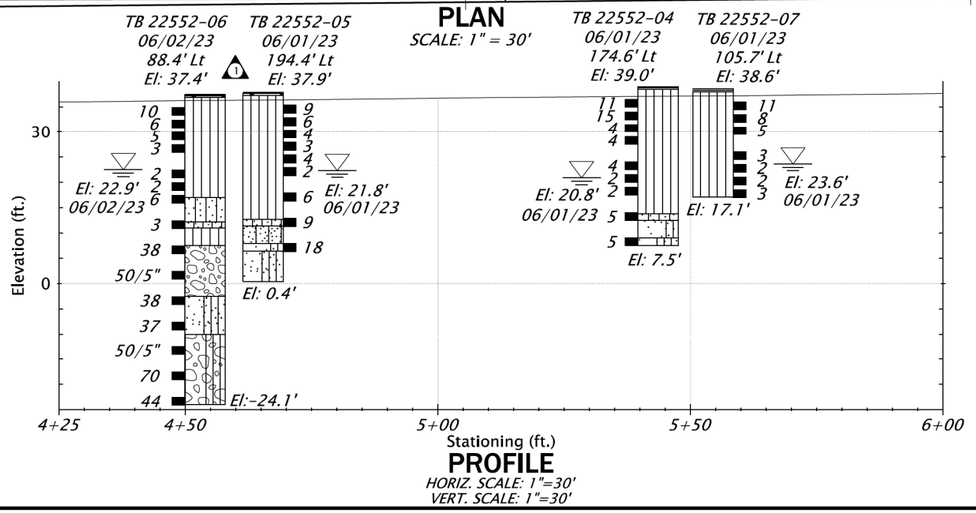
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Sec.28 & 33, T.1N, R.1E, W.M.

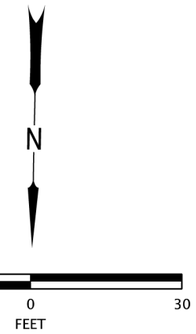
I-405/FREMONT BRIDGE - INTERCHANGE
I-405 M.P. 3.03



PLAN
SCALE: 1" = 30'



PROFILE
HORIZ. SCALE: 1"=30'
VERT. SCALE: 1"=30'



UNIT DESCRIPTIONS

- *Asphalt Concrete*
- *Road Base (Base Rock)*
- *SILT ; ML; Brown to gray; Low to medium plasticity; Moist; Soft to stiff; (Alluvium)*
- *Silty SAND; SM; Brown; Low plasticity; Wet; Loose; mostly fine-grained sand; (Alluvium)*
- *Sandy SILT; ML; Brown; Low plasticity; Wet; Very soft to soft; (Alluvium)*
- *Gravel with some sand and trace silt; GP; Gray; Wet; Dense to very dense; subrounded fine-grained to coarse-grained gravel; contains possible cobbles; (Alluvium)*
- *SAND with some silt; SP-SM; Gray; Wet; Dense; Medium-grained sand; (Alluvium)*
- *Sandy GRAVEL with some silt; GP-GM; Gray; Wet; Very dense; fine-grained to coarse-grained gravel; (Alluvium)*

LEGEND

- ⊕ = *Approximate boring location for current project. Boring drilled by Rhino One Geotechnical 2023. Boring location estimated from field measurements*
- ■ # = *Standard Penetration Test - N value. Uncorrected (raw) standard penetration resistance in accordance with ASTM D1586 (See note 2.)*
- *50/1st #"* = *Standard Penetration Test refusal length*
- ▽ = *Groundwater measured in the Bore hole at time of drilling*
  - *00.00'* = *Elevation*
  - *MM/DD/YY* = *Date of measurement*

GENERAL NOTES

1. *Elevation datum for profiles is North American Vertical Datum (1988). For current project borings, top of boring elevation is estimated from surfaces created from Fremont and St. John's XML point files provided by WSP on 06/14/23.*
2. *Geotechnical data shown on this drawing are a consolidation of information and/or revision in terminology from the drill logs. More detailed subsurface data is available on the drill logs in the Geotechnical Report, which is available from the Engineer.*
3. *See Geotechnical Report for drilling method and hammer efficiency for current project borings.*
4. *Refer to the ODOT GDM Chapter 5 and ODOT Soil and Rock Classification Manual (1987) for a description of the terms used in this sheet.*
5. *1' Contour interval.*

No.	DATE	REVISIONS	BY
1	04-21-26	Revised Boring log numbers	R.A.

REGISTERED PROFESSIONAL ENGINEER
58591
Digitally Signed 2026.04.21 09:54:25-07'00'
OREGON
JULY 14, 1998
RAJIV ALI

EXPIRES: 12/31/27

RhinoOne GEOTECHNICAL
Rhino One LLC
2614 SE 129th Court
Vancouver, WA 98683
360.258.1738

OREGON DEPARTMENT OF TRANSPORTATION

WILLAMETTE RIVER: STORMWATER SOURCE CONTROL IMPROVEMENTS PROJECT
LOWER COLUMBIA RIVER, NORTHEAST PORTLAND, STADIUM FREEWAY HIGHWAY
MULTNOMAH COUNTY

Designer: Levi Good
Drafter: Devin Blackshere
Reviewer: Rajiv Ali
Checker: Levi Good

GEOTECHNICAL DATA

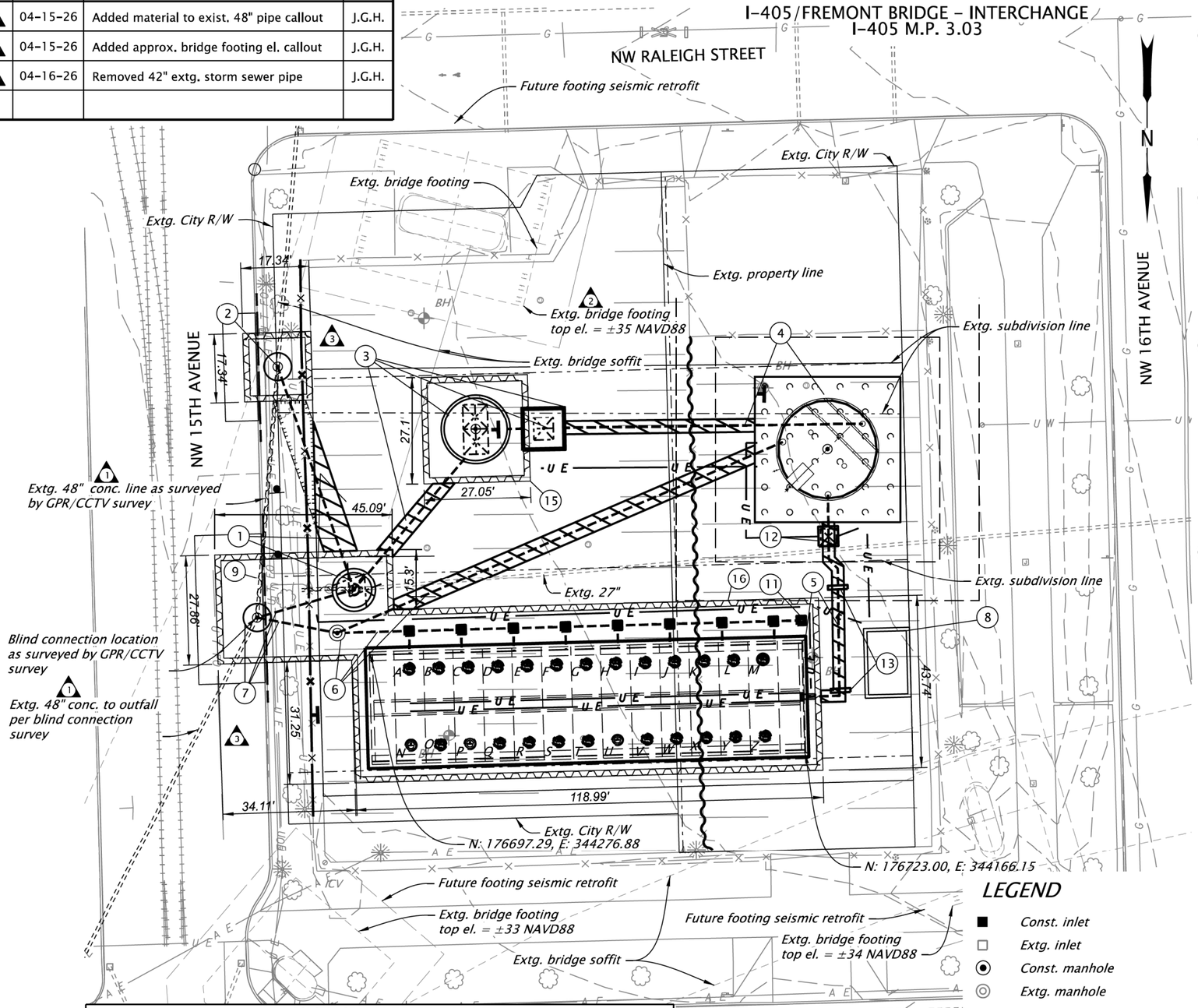
SHEET NO. GA201

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

No.	DATE	REVISIONS	BY
1	04-15-26	Added material to exist. 48" pipe callout	J.G.H.
2	04-15-26	Added approx. bridge footing el. callout	J.G.H.
3	04-16-26	Removed 42" extg. storm sewer pipe	J.G.H.

Sec.28 & 33, T.1N, R.1E, W.M.

I-405/FREMONT BRIDGE - INTERCHANGE
I-405 M.P. 3.03



CONSTRUCTION NOTES

1. *N: 176685.85, E: 344280.94*
   Inst. flow splitter, type 4
   see sht. no. HB206
   Extra for manholes over existing sewers
   Inst. 48" storm sew. pipe - 60'
   over 20' depth, sl. 0.5%
2. *N: 176629.09, E: 344300.30*
   Const. conc. storm sew. 84" manhole
   Extra for manholes over existing sewers
3. *N: 176667.03, E: 344281.40*
   Inst. pump station wet well
   and valve vault, D00515
   see sht. no. HB212 and HB213
   In st. facility field marker, type S2
   bolted on pump station wet well
   Const. 2'-0" aggregate base under
   pump station wet well - 579 SF
   Inst. 18" storm sew. pipe - 51'
   over 20' depth, sl. 0.5%
4. *N: 176645.78, E: 344160.39*
   Inst. pre-settling tank, D00514
   see sht. no. S204
   Inst. facility field marker, type S2
   bolted on pre-settling tank
   foundation slab
   Inst. 16" ductile iron pipe - 82'
   10' depth, sl. 0.0%
   Inst. 16" ductile iron pipe with
   duckbill check valve on
   pipe outlet - 6'
   16" 90 degree fitting with
   restraint gasket - 1
   10' depth, vertical
5. *Inst. Water Quality Structure, D00431*
   see sht. no. HB204
   Inst. facility field marker, type S2
   bolted on steel post
   Const. 2'-0" aggregate base under
   Water Quality Structure - 4727 SF
   Inst. 18" ductile iron pipe - 11'
   5' depth, sl. vertical
   Inst. 18" ductile iron pipe - 38'
   18" 90 degree fitting with
   restraint gasket - 1
   18" 45 degree fitting with restraint
   gasket (horizontal) - 2
   5' depth, sl. 0.9%
   Inst. 18" ductile iron pipe - 14'
   18" 45 degree fitting with
   restraint gasket - 2
   18" 90 degree fitting with restraint
   gasket (horizontal) - 1
   10' depth, sl. 41.7%
   Inst. 18" ductile iron pipe - 10'
   10' depth, sl. 0.3%
6. *N: 176696.82, E: 344285.18*
   Const. conc. storm sew. 48" manhole
   Inst. 18" storm sew. pipe - 122' (W)
   20' depth, sl. 2.0%
   Inst. 18" ductile iron pipe - 25' (SW)
   10' depth, sl. vertical
   18" 90 degree fitting with restraint
   gasket - 1
   Inst. 18" ductile iron pipe - 122' (SW)
   10' depth, sl. 1.2%
7. *N: 176692.93, E: 344305.55*
   Const. conc. storm sew. 84" manhole
   Extra for manholes over existing sewers
   Inst. 18" storm sew. pipe - 21' (SW)
   20' depth, sl. 1.9%
   Inst. 48" storm sew. pipe - 26' (SW)
   over 20' depth, sl. 0.5%
8. *Pump Control Room Structure*
   see sht. nos. S201 - S203
9. *Abandon extg. 48" storm sew. pipe - 64'*
10. *Not used*
11. *Stormwater Cleanout - 9*
    see sht. no. HB214
12. *Flow meter vault*
    see sht. no. HB210-HB211
13. *Concrete pipe slope anchor - 2*
    (See dwg. no. RD332)
14. *Not used*
15. *Contractor-designed temporary shoring around pump station wet well*
16. *Contractor-designed temporary shoring around Water Quality Structure, Flow Splitter, Type 4, and manholes*

Notes:
1. *All features not designed for adjustment or removal are designated to remain. See Sections 00170.82 and 00310.02.*
2. *Contractor to field verify site conditions priort to installation of shoring.*
3. *Extg. pipe locations are approximated. Verify pipe location prior to any excavation.*
4. *Contractor to submit local topographic survey showing extg. elevations at lid access points prior to any grading in this area. Survey shall be used to establish final grades.*
5. *Contractor to adjust rim elevation of existing and/or new structures such that the manhole lids and access hatches are flush with finished ground.*

30 15 0 30
FEET

FACILITY ID MARKER TABLE

FACILITY LOCATION		DFI NUMBER	TYPE S2 MARKER		TYPE S1 MARKER	
NORTHING/EASTING	MP		BEGIN	END	RED	GREEN
N: 176710.18, E: 344221.51	*3.03*	*D00431*	✓			
N: 176645.78, E: 344160.39	*3.03*	*D00514*	✓			
N: 176667.03, E: 344281.40	*3.03*	*D00515*	✓			

✓ Check where appropriate
Red = Beginning of facility
Green = End of Facility

LEGEND

- Const. inlet
- Extg. inlet
- Const. manhole
- Extg. manhole
- Const. pipe
- Extg. pipe
- Type S1 DFI Marker
- Type S2 DFI Marker

(Note: Some items shown in legend may not be shown on this plan sheet)

HWY: I-405
M.P.: 3.03

UNIT FILE CODE
N/A

DFI/TSSU NO.
SEE TABLE, SHT. HA201

REGISTERED PROFESSIONAL ENGINEER
90454PE
Digitally Signed 2026.04.16 15:44:00-07'00'
OREGON
SEPT. 10, 2019
JACOB KORSNESS
RENEWS: 06-30-2027

WSP USA Inc.
1300 SW 5th Ave
Suite 3100
Portland, OR 97201
Tel: 1 503 274 8772

OREGON DEPARTMENT OF TRANSPORTATION

WILLAMETTE RIVER: STORMWATER SOURCE CONTROL IMPROVEMENTS PROJECT
LOWER COLUMBIA RIVER, NORTHEAST PORTLAND, STADIUM FREEWAY HIGHWAY
MULTNOMAH COUNTY

Designer: Shen Chu
Drafter: Grace Harrison
Reviewer: Michael Giseburt
Checker: Angelica Quintero

STORMWATER PLAN

SHEET NO.
HA201

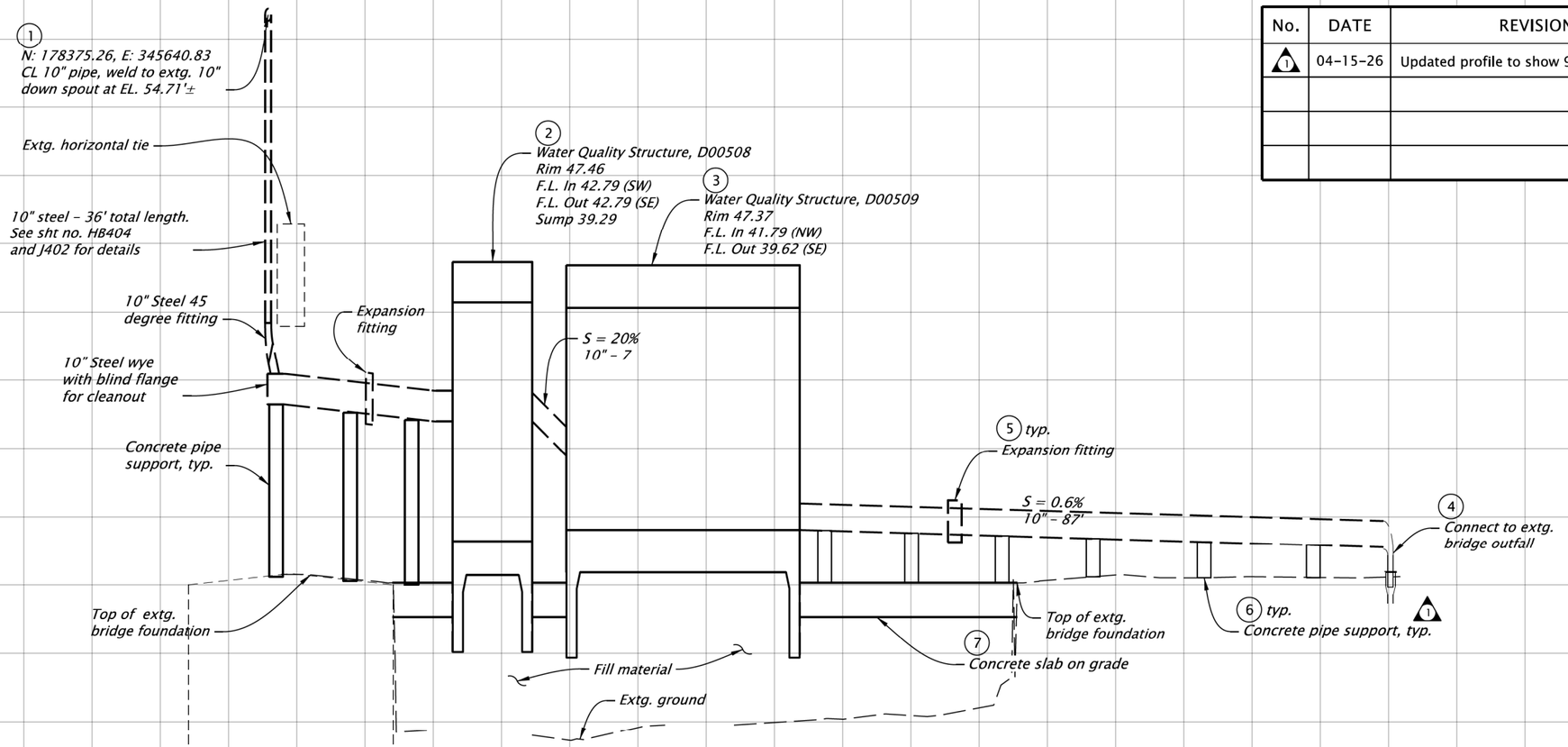
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Sec.27, T.1N, R.1E, W.M.

FREMONT BRIDGE – EAST END
US30 – M.P. 3.43

NOTE:
1. Walkway and railing not shown for clarity. See sht. S406 and S407.

No.	DATE	REVISIONS	BY
1	04-15-26	Updated profile to show 9 pipe supports	J.G.H.



PROFILE
HORIZ. SCALE: 1"=20'
VERT. SCALE: 1" = 4'

HWY: US30	
M.P.: 3.43	
UNIT FILE CODE	N/A
DFI/TSSU NO.	SEE TABLE, SHT. HA401

REGISTERED PROFESSIONAL ENGINEER
90454PE
Digitally Signed 2026.04.16 15:44:47-07'00'
OREGON
SEPT. 10, 2019
JACOB KORSNESS
RENEWS: 06-30-2027

WSP USA Inc.
1300 SW 5th Ave
Suite 3100
Portland, OR 97201
Tel: 1 503 274 8772

OREGON DEPARTMENT OF TRANSPORTATION

WILLAMETTE RIVER: STORMWATER SOURCE CONTROL IMPROVEMENTS PROJECT
LOWER COLUMBIA RIVER, NORTHEAST PORTLAND, STADIUM FREEWAY HIGHWAY
MULTNOMAH COUNTY

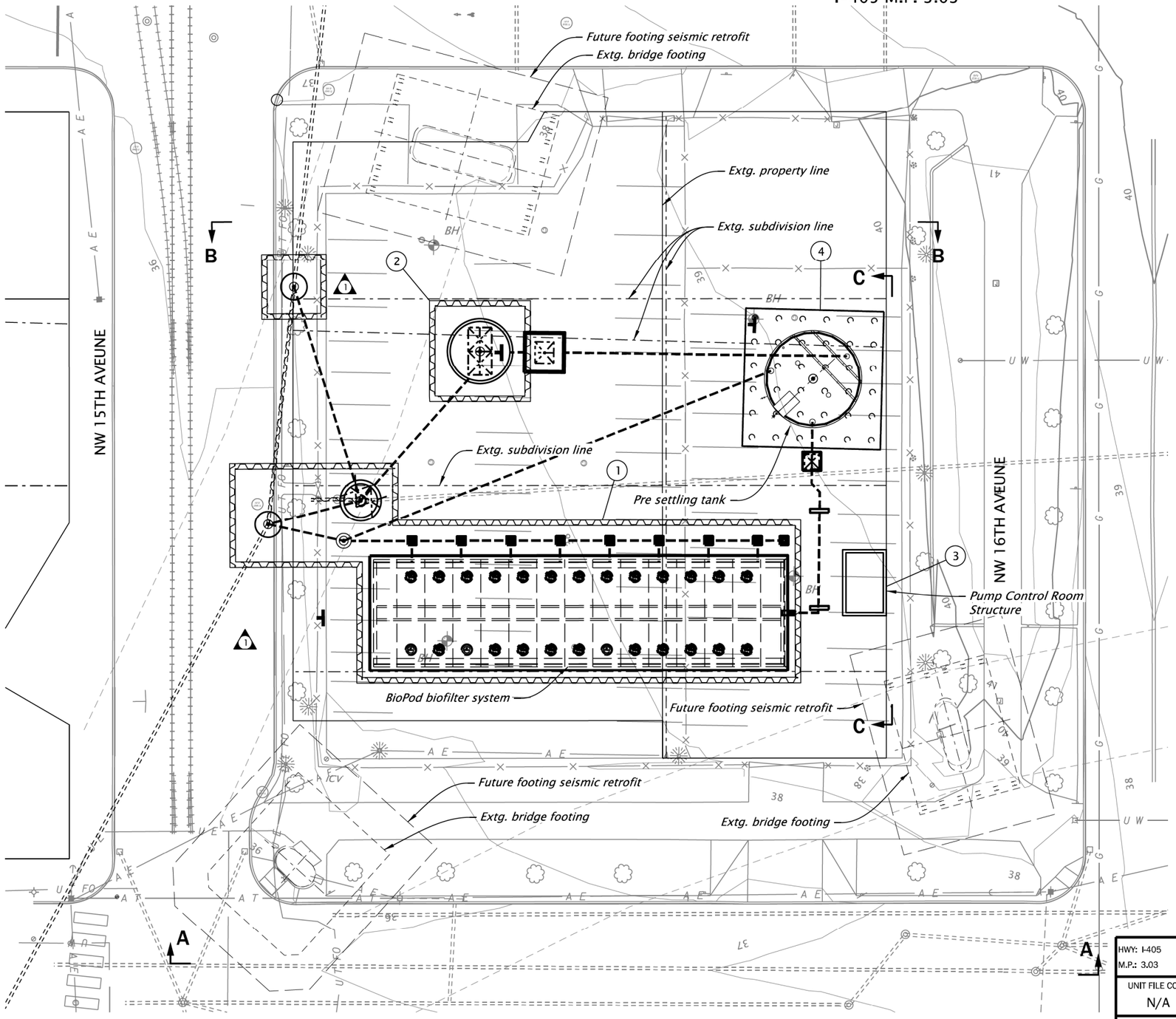
Designer: Shen Chu	Reviewer: Michael Giseburt
Drafter: Grace Harrison	Checker: Angelica Quintero

STORMWATER PROFILE — SHEET NO. HA401A

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Sec.28 & 33, T.1N, R.1E, W.M.

I-405/FREMONT BRIDGE - INTERCHANGE
I-405 M.P. 3.03



PLAN
Scale: 1"=30'

NOTES:

1. *Protect existing utilities in place unless otherwise noted.*
2. *For work items not shown on this plan, see sht. no. HA201, HA201A through HA201C, HB203 through HB214.*
3. *See sht. no HB203 for detailed sections*

WORK ITEMS:

1. *Temporary shoring around BioPod biofilter system*
2. *Temporary shoring around drainage structures*
3. *Control room spread footing see sht. nos. S201- S203 for details*
4. *Pre settling tank spread footing on piles see sht. no. S204 for details*

No.	DATE	REVISIONS	BY
1	04-16-26	Removed 42" extg. storm sewer pipe	J.G.H.

LEGEND

- *Const. inlet*
- *Extg. inlet*
- *Const. manhole*
- *Extg. manhole*
- *Const. pipe*
- *Extg. pipe*
- *Type S1 DFI Marker*
- *Type S2 DFI Marker*

(Note: Some items shown in legend may not be shown on this plan sheet)

N

30 15 0 30
FEET

HWY: I-405
M.P.: 3.03

UNIT FILE CODE
N/A

DFI/TSSU NO.
SEE TABLE, SHT. HA201

REGISTERED PROFESSIONAL ENGINEER
90454PE
Digitally Signed 2026.04.16 15:44:27-07'00'
OREGON
SEPT. 10, 2019
JACOB KORSNESS
RENEWS: 06-30-2027

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

WSP USA Inc.
1300 SW 5th Ave
Suite 3100
Portland, OR 97201
Tel: 1 503 274 8772

Willamette River, Hwy 61 (Fremont)

WILLAMETTE RIVER: STORMWATER SOURCE CONTROL IMPROVEMENTS PROJECT
LOWER COLUMBIA RIVER, NORTHEAST PORTLAND, STADIUM FREEWAY HIGHWAY
MULTNOMAH COUNTY

Designer: Fernando Sunago
Reviewer: Stuart Bennion
Drafter: Grace Harrison
Checker: Stuart Bennion

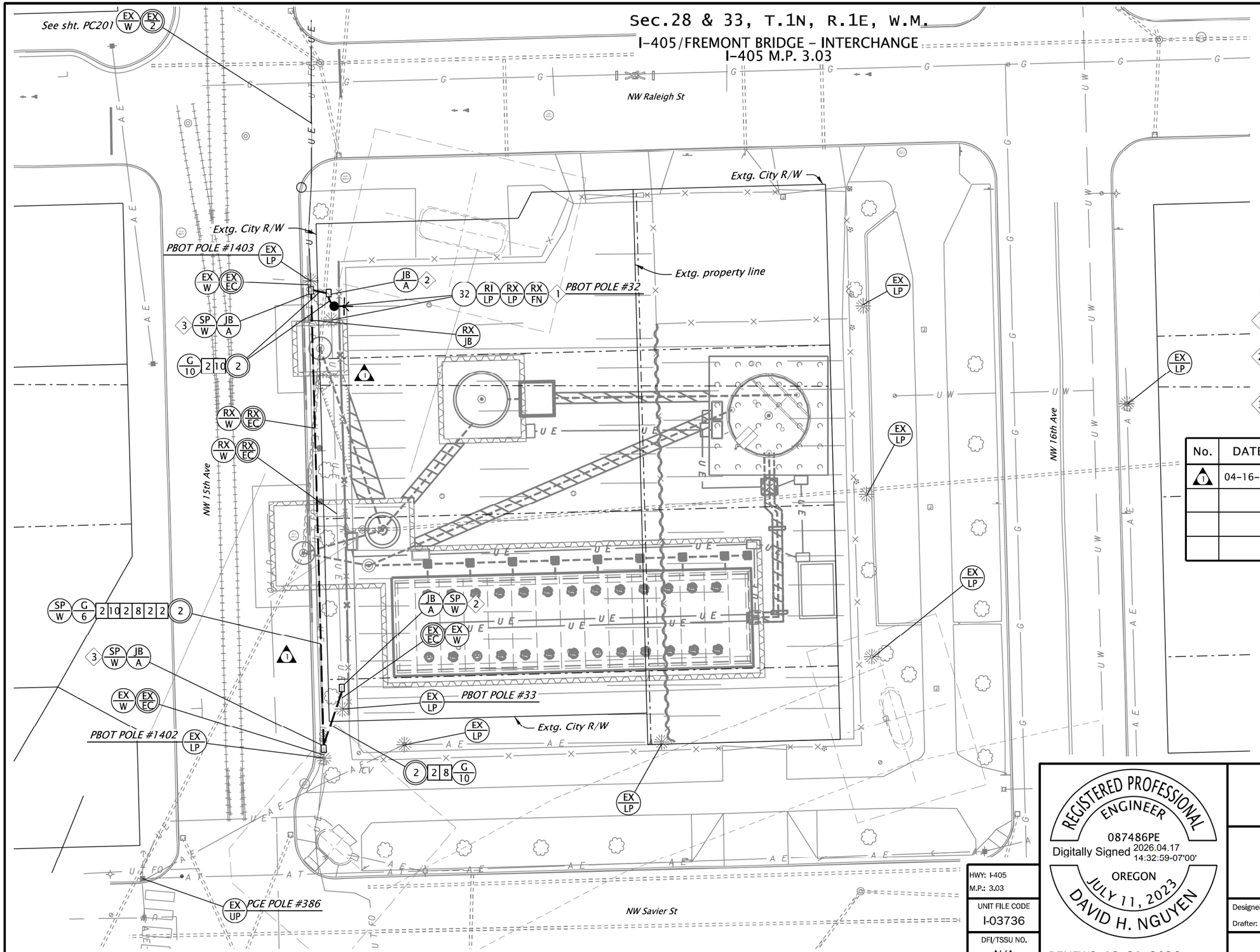
FREMONT BRIDGE - INTERCHANGE PLAN

SHEET NO.
HB202

Sec.28 & 33, T.1N, R.1E, W.M.

I-405/FREMONT BRIDGE - INTERCHANGE

I-405 M.P. 3.03



General Notes:

1. PBOT street light ID numbers provided by City Street Light System GIS , accessed July 8, 2025. PBOT to confirm ID numbers prior to PWP approval.
2. PGE ID numbers provided by PGE, GIS accessed July 17, 2025. See PGE work order M5822500.
3. Contractor to verify street light and power pole ID numbers with PBOT and PGE prior to beginning work.
4. See sheet PA001 for legend.

CONSTRUCTION NOTES

1. *Reinstall pole before stormwater construction impacts.*
2. *Locate and intercept existing parking lot lighting conduit with new junction box.*
3. *Locate and intercept existing illumination conduit with new junction box.*

No.	DATE	REVISIONS	BY
1	04-16-26	Removed 42" extg. storm sewer pipe	J.G.H.

HWY: I-405
M.P.: 3.03

UNIT FILE CODE
I-03736

DFI/TSSU NO.
N/A

REGISTERED PROFESSIONAL ENGINEER
087486PE
Digitally Signed 2026.04.17 14:32:59-07'00'
OREGON
JULY 11, 2023
DAVID H. NGUYEN
RENEWS: 12-31-2026

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

WSP USA Inc.
1300 SW 5th Ave
Suite 3100
Portland, OR 97201
Tel: 1 503 274 8772

OREGON DEPARTMENT OF TRANSPORTATION

WILLAMETTE RIVER: STORMWATER SOURCE CONTROL IMPROVEMENTS PROJECT
LOWER COLUMBIA RIVER, NORTHEAST PORTLAND, STADIUM FREEWAY HIGHWAY
MULTNOMAH COUNTY

Designer: David Nguyen
Reviewer: Lawrence Guan
Drafter: James Burke
Checker: Lawrence Guan

ILLUMINATION PLAN

SHEET NO.
PA201

CODES AND STANDARDS:

1. 2021 International Building Code (IBC) and 2022 Oregon Structural Specialty Code (OSSC) 1
2. ASCE 7-16 Minimum design loads for buildings and other structures
3. ACI 318-19 Building code requirements for structural concrete
4. AISC 360-16 Specification for structural steel buildings
5. AISC 341-16 Seismic provisions for structural steel buildings
6. AWS D1.1, 2020 Structural welding code - steel
7. AWS D1.3, 2018 Structural welding code - sheet steel
8. AWS D1.8, 2021 Structural welding code - seismic supplement
9. Research Council on Structural Connections (RCSC), specification for structural joints using high-strength bolts
10. AWWA D100-11 Welded carbon steel tanks for water storage

GENERAL NOTES:

1. Contractor shall be responsible for means, methods, techniques, sequences, and procedures required to perform the work.
2. Contractor-initiated changes require both designer of record and government approval and shall be submitted in writing to the contracting officer's representative for approval prior to fabrication or construction.
3. Dimensions and details shall be verified by the contractor prior to fabrication and construction. This includes, but is not limited to, coordinating with the contract drawings on the size and location of openings through concrete, verifying size and location of mechanical and electrical openings with the respective subcontractor, as well as coordinating inserts and attachments for the use of other trades.
4. Drawings indicate general and typical details of construction. Typical details and notes shown on drawings shall apply unless noted otherwise. Typical details may not necessarily be indicated on the plans but shall still apply as shown or described in the details. it shall be the contractor's responsibility to choose the appropriate typical detail from those provided. The contractor shall submit proposed alternate details to those provided with related calculations to the engineer for approval prior to detailing or use.
5. Shop drawings review:
   By submitting the shop drawings, the contractor represents that they have determined and verified materials, field measurements, and related field construction criteria (means, methods, techniques, sequences, operations of construction, and safety precautions and programs incidental thereto), and that the contractor has checked and coordinated the information contained within the submittal with the requirements of the work and the contract documents. Review by the engineer shall not relieve the contractor from full responsibility for the accuracy of dimensions and details. Such review shall not constitute acceptance by the engineer of the correctness or adequacy of such submittals, nor a warranty that the submittals satisfy the requirements of the contract.
6. Building Construction Type: IIB, per Table 601, OSSC

SHORING:

1. The contractor shall design and install shoring to support new construction (vertically and laterally) until structural components have been connected as shown on the structural drawings.
2. The contractor shall submit shoring drawings and calculations stamped and signed by a registered structural engineer. Drawings shall show size, layout, connections, material designation, method of installation, and accessories of shoring members.

DESIGN LOADS

Dead Loads:
Weight Of Materials Of Construction And Permanent Equipment.

Live Loads	
Roof	See Snow Load
Risk Category	IV
Snow Load	
Snow Load Importance Factor, Is	1.2
Ground Snow Load	11 Psf
Roof Snow Load	25 Psf
Wind Loads	
Basic Wind Speed (3-second Gust), Vult	110 mph
Wind Exposure	C
Seismic Loads	
Seismic Importance Factor, Ie	1.5

Mapped Spectral Response Acceleration Parameters
See Geotechnical Report by RhinoOne Geotechnical.

Design Spectral Response Acceleration Parameters
See Geotechnical Report by RhinoOne Geotechnical.

FOUNDATIONS:

1. Foundation design is based on Geotechnical Report By RhinoOne Geotechnical, dated October 2nd 2023.
2. Footing designs are based on a net allowable bearing pressure as indicated below. Footings shall bear on engineered fill or competent native soils.
3. Special inspection shall be performed during site excavation to confirm that existing conditions comply with conditions in the geotechnical report.
4. Exterior footings shall bear at or below minimum bearing depth. minimum bearing depth is 18 inches below adjacent finished grade.
5. Soil Properties:

Allowable bearing pressure	6000 psf
Modulus of subgrade reaction	60 pci
Coefficient of friction at strength	0.35
Equivalent fluid active soil pressure (unrestrained)	40 psf
Equivalent fluid at rest soil pressure (restrained)	60 psf

NON-SHRINK GROUT:

1. Non-shrink grout shall be cementitious high precision, natural aggregate, non-metallic, non-staining, non-shrinkable grout conforming to ASTM C1107 and CRD-C 621, Corps of Engineers "Specifications for non-shrink grout." grout shall have a specified minimum compressive strength of 8,000 psi at 5 days. Pre-grouting of base plates shall not be permitted.

STRUCTURAL CONCRETE:

1. Concrete work shall conform to requirements of ACI 301, Specifications For Structural Concrete.
2. 1 Design mixes for the following classes of concrete, shall be proportioned to provide the specified compressive strength.
   Foundations 4,000 PSI
   Foundation Concrete applies to water quality structures, slabs on grade, pipe pedestals, and presettling tank foundation
3. Slab-on-grade concrete flexural strength 650 psi at 90 days
4. Steel reinforcement shall conform to the following standards and specified strength.
   Deformed bars (A615) Fy = 60,000 PSI
   Deformed bars (A706) Fy = 60,000 PSI
   Welded wire reinf (A1064) Fu = 60,000 PSI
5. Typical details of reinforcement such as hooks, bend diameters, etc. shall be in accordance with ACI SP-66 - "ACI Detailing Manual".
6. Reinforcement marked "cont" (continuous) shall be spliced by lapping or with mechanical connectors.

LAP LENGTH NOTES:

   A. See development and lap splice length schedule for reinforced concrete
   B. Lap splices of welded wire reinforcement shall have a length of lap equal to the greater of 1.5x wire development length or one crosswire spacing plus 2 inches.
   C. Mechanical connectors shall have a minimum capacity of 1.25 x yield strength of the bar.
   D. In members designated as part of the seismic-force-resisting-system, mechanical connectors shall have a minimum capacity equal to the tensile strength of the bar.

7. Mechanical rebar anchors (terminators) shall be threaded devices with a capacity greater than the yield strength of the bar.
8. Refer to architectural, electrical, mechanical, and structural drawings for surface features and inserts, to be cast in concrete and for locations of penetrations for pipes, ducts, conduits, etc.
9. Concrete cover for reinforcement steel in cast-in-place non-prestressed concrete members shall be as follows, uno:

CONCRETE EXPOSURE	MEMBER	REINFORCEMENT	SPECIFIED COVER [INCHES]
Cast Against And Permanently In Contact With Ground	ALL	ALL	3
Exposed To Weather Or In Contact With Ground	ALL	#6 Through #18 bar	3
		#5 Bar, W31 or D31 Wire, and smaller	1 1/2
Not Exposed To Weather Or In Contact With Ground	Slabs, Joists and Walls	#14 Through #18 bar	1 1/2
		#11 Bar and smaller	3/4
	Beams, Columns, Pedestals, and Tension Ties	Primary Reinforcement, Stirrups, Ties, Spirals, and Hoops	1 1/2

No.	DATE	REVISIONS	BY
1	04-17-26	Codes and standards note 1 - added year	A.P.J.
1	04-17-26	Structural concrete note 2 - added clarifying language	A.P.J.

STRUCTURAL REGISTERED PROFESSIONAL ENGINEER
11152PE
Digitally Signed 2026.04.17 15:10:51-07'00'
OREGON
JULY 17, 1981
SYED BABER ALI WAHIDI
RENEWS: 06-30-2026
FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

WSP USA Inc.
1300 SW 5th Ave
Suite 3100
Portland, OR 97201
Tel: 1 503 274 8772

OREGON DEPARTMENT OF TRANSPORTATION

WILLAMETTE RIVER: STORMWATER SOURCE CONTROL IMPROVEMENTS PROJECT
LOWER COLUMBIA RIVER, NORTHEAST PORTLAND, STADIUM FREEWAY HIGHWAY
MULTNOMAH COUNTY

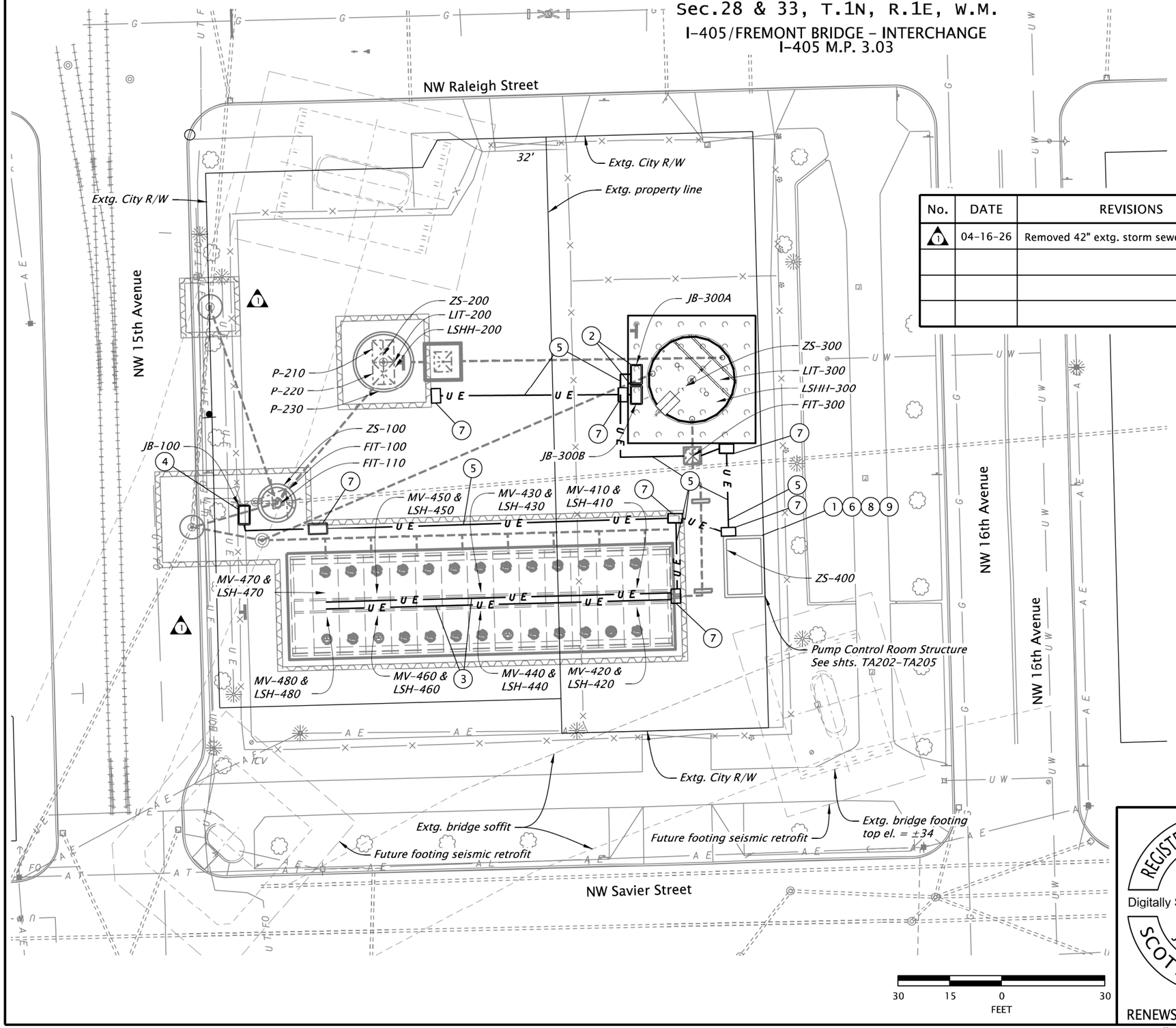
Designer: Ali Wahidi Reviewer: Stuart Bennion
Drafter: Grace Harrison Checker: Stuart Bennion

STRUCTURAL NOTES

SHEET NO. S02

Sec.28 & 33, T.1N, R.1E, W.M.

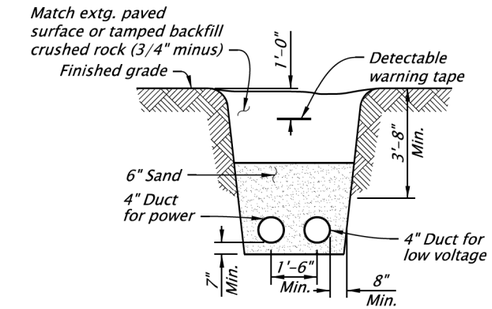
I-405/FREMONT BRIDGE - INTERCHANGE
I-405 M.P. 3.03



No.	DATE	REVISIONS	BY
1	04-16-26	Removed 42" extg. storm sewer pipe	J.G.H.

CONSTRUCTION NOTES

1. *PGE scope is from the transformer to the meter base*
2. *Inst. lockable elec. junction box for pre-settling tank instruments, mounted to pre-settling tank or pole - 2*
3. *Inst. 2- 4" elec. conduit in BioPod trench. Field fit - 200'*
4. *Inst. lockable elec. junction box mounted to pole along inside of fence - 1*
5. *Inst. 2- 4" elec. conduit in trench - 272'*
6. *Inst. new meter on building wall. Route cable from meter into building.*
7. *Inst. handhole - 7*
8. *Inst. mast and weatherhead in compliance with PGE's Electrical Service Requirements (ESR). PGE to provide connection to meter.*
9. *Coordinate with Sam Cope at PGE at 503-349-7316 for service connection per workorder #M5781720.*



TYPICAL UNDERGROUND DUCT INSTALLATION

Applies to multiple and single conduit trenches

NOTES

1. *Confirm existing power service location on site.*
2. *Stub up conduits for power and control cables into building.*
3. *Typical underground duct installation detail to be used for single or multiple ducts.*

REGISTERED PROFESSIONAL ENGINEER
104945PE
Digitally Signed 2026.04.17 14.58.05-06'00'
OREGON
JULY 09, 2024
SCOTT ALAN HAGER
RENEWS: 06-30-2027

WSP USA Inc.
1300 SW 5th Ave
Suite 3100
Portland, OR 97201
Tel: 1 503 274 8772

OREGON DEPARTMENT OF TRANSPORTATION

WILLAMETTE RIVER: STORMWATER SOURCE CONTROL IMPROVEMENTS PROJECT
LOWER COLUMBIA RIVER, NORTHEAST PORTLAND, STADIUM FREEWAY HIGHWAY
MULTNOMAH COUNTY

Designer: Mike Rotzien
Reviewer: Scott Alan Hager
Drafter: Roy D'Lima
Checker: Mike Rotzien

ELECTRICAL SITE PLAN

SHEET NO. TA201

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST