DATE: November 11, 2022

Addendum No. 2

TO: **PLAN HOLDERS**

PREPARED BY: Digitally Signed 2022.11.11 15:23:27-08'00'
Mitchell Grabowski, DOWL

APPROVED BY: ________________ P.E.
Jason Kelly, DOWL

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

SUBJECT: Dayton Utility Bridge Main Span Replacement
Structure, Utilities and Stormwater Improvements
(Bids Closing November 17, 2022)

The following changes are made to the Invitation to Bid Booklet:

1. 3.5 BIDDER RESPONSIBILITY INFORMATION FORM - Item 19 BIDDER INSURANCE – Replace the sentence that begins "Provide Liability Insurance…" with the following:

   The following insurance coverages and dollar amounts are required pursuant to this subsection:

Insurance Coverages	Combined Single Limit per Occurrence	Annual Aggregate Limit
Commercial General Liability	\$2,000,000	\$4,000,000
Commercial Automobile Liability	\$1,000,000	(aggregate limit not required)

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

   b. Quantity changes:

Number	Item	Quantity Original	Quantity New
57	Concrete Curbs, Curb and Gutter	33	19
19	Riprap Geotextile, Type 1	3404	404

The following changes are made to the Project Special Provisions:

1. Section 00160 Source of Materials - This Section is added after Section 00150:

SECTION 00160 - SOURCE OF MATERIALS

Comply with Section 00160 of the Standard Specifications modified as follows:

Add the following subsection:

00160.20(d) Build America Buy America Act Requirements - If federal highway funds are involved on the Project, the Contractor shall comply with the Build America Buy America Act and implementing regulations (Infrastructure Investment and Jobs Act ("IIJA"), Pub. L. No. 117-58, which includes the Build America, Buy America Act ("the Act"). Pub. L. No. 117-58, Sections 70901-70941).

All of the manufacturing processes must occur in the United States for the applicable construction materials permanently incorporated in the Project as listed below.

Construction materials include an article, Material, or supply that is or consists primarily of:

non-ferrous metals;

plastic and polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables);

glass;

lumber; or

drywall.

The Contractor shall provide the Engineer with a Certificate of Materials Origin, on a form furnished by the Engineer, before incorporating any applicable construction materials into the Project. Unless a Certificate of Materials Origin has been provided to the Engineer, the products and Materials shall be considered of foreign origin.

No de minimis amount has been established for applicable construction materials permanently incorporated into the Project. Strict compliance is required.

The Contractor shall retain manufacturers' certificates verifying the origin of all applicable construction materials for 3 years after the date of final payment for the Project, and shall furnish copies to the Engineer upon request.

Manufactured products assembled outside the Project Site are not subject to the Build America Buy America requirements. Manufactured products are items that consist of two or more of the listed construction materials that have been combined together through a manufacturing process, and items that include at least one of the listed construction materials combined with a Material that is not listed through a manufacturing process, and should be treated as manufactured products, rather than as construction materials.

Iron and steel Materials are subject to 00160.20(a).

The Contractor shall include this provision in all subcontracts.

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:

Plan sheets S02 & FA01 are replaced with revised plan sheets S02 & FA01.

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

mg:JK

Attachments: New Bid Schedule (To be completed on the QuestCDN vBid Portal)
Revised Plan Sheets

The following are the Agency's responses to Bidders' questions/requests for clarification:

Question 01: Are the Performance Bond and Payment Bond forms for reference only and will only be used if contract is awarded?

Response 01: Yes, the Performance Bond and Payment Bond forms will only be completed and submitted by the winning bidder.

Question 02: Does Bid Item #19 Riprap Geotextile need to be SF instead of SY? I can't find near that amount of Geotextile on Plans.

Response 02: See quantity change.

Question 03: The plans say that the temp sewer pipe can be used pipe and not necessarily brand new. Is the same true for the temp water piping?

Response 03: The temporary potable water pipe needs to be new.

Question 04: Note 11 on C01 states that there is only 19-LF of Curb and Gutter.

Response 04: See quantity change.

Question 05: General note 1 on plan page A03 says the contractor shall procure all construction permits required by the City of Dayton and Yamhill County. What permits are we responsible for paying for? Permits can be very expensive so we want to make sure what we are supposed to cover. Please advise.

Response 05: County electrical and Right-of-Way permits are anticipated. Coordination with County for staging area will also be anticipated though a permit for using the privately owned County property may not be needed. Cost for these permits will need to be sought by the Contractor at this time.

Question 06: Note on plan sheet S02 states to "Provide Class4500 – ¾" concrete in bridge deck". Bid schedule indicates Deck Concrete, Class HPC4500. Please clarify which is required. Seems that HPC would be a waste of money on this deck.

Response 06: HPC4500 is to be used. See revised sheet S02.

Question 07: Plan sheet FA01, Note 2 states "Install Sediment Barrier, Type 8, Straw Wattle (See Dwg RD1032). Per RD1032, a Type 8 Sediment Barrier is not a straw wattle, it is a compost filter sock. Straw wattles are Type 3. Please clarify.

Response 07: Sediment Barrier, Type 8 is the intent. See revised sheet FA01.

Question 08: How are the ductile iron pipes that are cast into the bridge per utility thrust block detail on Plan Sheet S14, AKA sleeves, measured and paid for?

Response 08: They are measured by the lineal foot and paid under the 12-inch pipe item 660 and 14-inch pipe item 880.

To be completed on the QuestCDN vBid Portal

Bidder Name: ____________________ **Bidder CCB#** _____

Provide Bids on all items below.

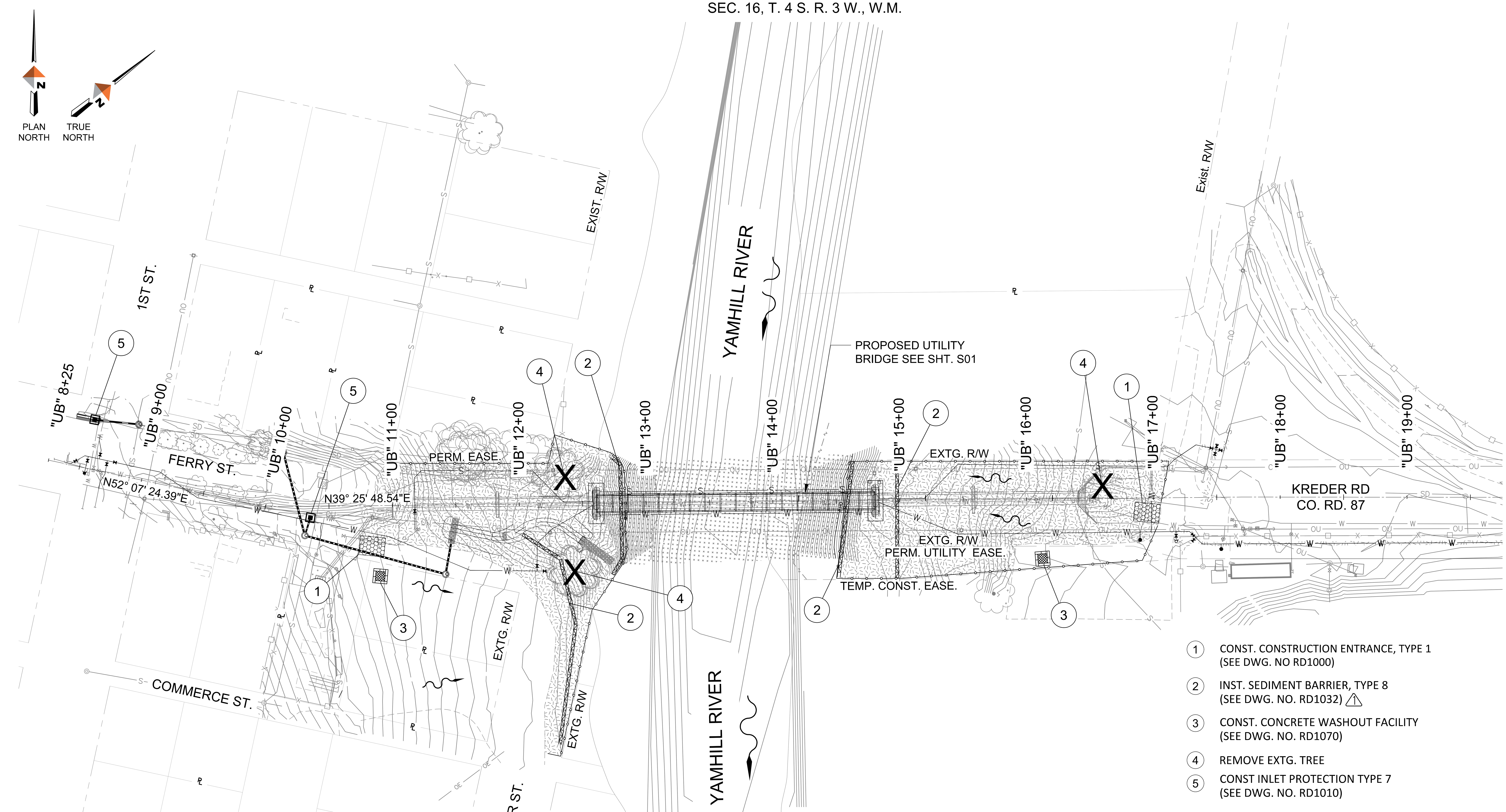
Line #	Description	Quantity	Unit of Measure	Unit Price	Extended Price
1	Mobilization	1	Lump Sum	$	$
2	Construct and Remove Temporary Access Road	1	Lump Sum	$	$
3	Temporary Work Bridges	1	Lump Sum	$	$
4	Temporary Work Access and Containment	1	Lump Sum	$	$
5	Bridge Jacking at Bent 3	1	Lump Sum	$	$
6	Bridge Jacking at Bent 4	1	Lump Sum	$	$
7	Erosion Control	1	Lump Sum	$	$
8	Construction Entrance, Type 1	2	Each	$	$
9	Concrete Washout Facility	2	Each	$	$
10	Sediment Barrier, Type 8	470	Foot	$	$
11	Inlet Protection, Type 7	2	Each	$	$
12	Pollution Control Plan	1	Lump Sum	$	$
13	Turbidity Monitoring	1	Lump Sum	$	$
14	Work Containment Plan	1	Lump Sum	$	$
15	Construction Survey Work	1	Lump Sum	$	$
16	Removal of Structures and Obstructions	1	Lump Sum	$	$
17	Clearing and Grubbing	0.95	Acre	$	$
18	General Excavation	200	Cu Yd	$	$
19	Riprap Geotextile, Type 1	404	Sq Yd	$	$
20	Loose Riprap, Class 50	526	Cu Yd	$	$
21	Mainline Video Inspection	377	Foot	$	$
22	12 Inch Storm Sewer Pipe, 5 Ft Depth	50	Foot	$	$
23	15 Inch Storm Sewer Pipe, 5 Ft Depth	28	Foot	$	$
24	15 Inch Storm Sewer Pipe, 10 Ft Depth	183	Foot	$	$
25	Concrete Storm Sewer Manhole	3	Each	$	$
26	Concrete Manholes, 24 Inch	1	Each	$	$
27	Concrete Inlets, Type Oversize Side Inlet Catch Basin	1	Each	$	$
28	Concrete Inlets, Type G-2M	1	Each	$	$
29	Extra for Manholes Over Existing Sewers	1	Each	$	$
30	Connection to Existing Structures	2	Each	$	$
31	Filling Abandoned Structures	1	Each	$	$
32	Trench Resurfacing	506	Sq Yd	$	$
33	Bridge Removal Work	1	Lump Sum	$	$
34	Shoring, Cribbing and Cofferdams	1	Lump Sum	$	$
35	Structure Excavation	1	Lump Sum	$	$
36	Furnishing Drilling Equipment	1	Lump Sum	$	$
37	Drilled Shaft Concrete	1	Lump Sum	$	$
38	Drilled Shaft Reinforcement, Grade 60	1	Lump Sum	$	$
39	CSL Test Access Tubes	1,800	Foot	$	$
40	CSL Test	4	Each	$	$
41	Drilled Shaft Excavation, 72 Inch Diameter	294	Foot	$	$
42	Reinforcement, Grade 60	1	Lump Sum	$	$
43	Reinforcement, Grade 80	1	Lump Sum	$	$
44	Coated Reinforcement, Grade 60	1	Lump Sum	$	$

45	Foundation Concrete, Class 4000	1	Lump Sum	$	$
46	Deck Concrete, Class HPC4500	1	Lump Sum	$	$
47	General Structural Concrete, Class 4000	1	Lump Sum	$	$
48	Steel Rolled Beam	1	Lump Sum	$	$
49	Prefabricated Steel Truss	1	Lump Sum	$	$
50	Timber and Lumber	0.25	MFBM	$	$
51	GRC Conduit System, 2 Inch Diameter	775	Foot	$	$
52	Steel Cover Plate	1	Lump Sum	$	$
53	Utility Attachment on Structures, 12 Inch Water Line	1	Lump Sum	$	$
54	Utility Attachment on Structures, 14 Inch Sanitary Force Main	1	Lump Sum	$	$
55	Aggregate Base	4	Ton	$	$
56	Level 3, 1/2 In ACP Mixture	3	Ton	$	$
57	Concrete Curbs, Curb and Gutter	19	Foot	$	$
58	Pedestrian Bridge Rail Lighting	1	Lump Sum	$	$
59	Water Quality Swale, 1	1	Lump Sum	$	$
60	Permanent Seeding	0.95	Acre	$	$
61	6 Inch Potable Water Pipe, Fittings and Couplings with Class B Backfill	35	Foot	$	$
62	8 Inch Potable Water Pipe, Fittings and Couplings with Class B Backfill	50	Foot	$	$
63	12 Inch Potable Water Pipe, Fittings and Couplings with Class B Backfill	437	Foot	$	$
64	12 Inch Potable Water Pipe, Fittings and Couplings with Restrained Joints and Class B Backfill	595	Foot	$	$
65	12 Inch Ductile Iron Pipe with Restrained Joints and Class B Backfill	140	Foot	$	$
66	12 Inch Ductile Iron Pipe with Restrained Joints on Structure	272	Foot	$	$
67	8 Inch Connection to 8 Inch Existing Main	3	Each	$	$
68	12 Inch Connection to 12 Inch Existing Main	1	Each	$	$
69	Ductile Iron Pipe Tees, 12 Inch	5	Each	$	$
70	Ductile Iron Pipe Bend, 8 Inch	4	Each	$	$
71	Ductile Iron Pipe Bend, 12 Inch	29	Each	$	$
72	Ductile Iron Reducer, 12 Inch	3	Each	$	$
73	Double Ball Expansion Joint, 12 Inch	2	Each	$	$
74	Single Ball Expansion Joint, 12 Inch	1	Each	$	$
75	Expansion Joint, 12 Inch	1	Each	$	$
76	Single Ball Joint, 12 Inch	1	Each	$	$
77	Ductile Iron Filler Flange, 12 Inch	1	Each	$	$
78	Temporary Potable Water Bypass System	1	Lump Sum	$	$
79	12 Inch, Butterfly Valve	5	Each	$	$
80	6 inch, Gate Valve	2	Each	$	$
81	8 Inch, Gate Valve	2	Each	$	$
82	10 Inch, Gate Valve	1	Each	$	$
83	1 Inch Combination Air Release/Air Vacuum Valve Assembly	1	Each	$	$
84	Hydrant Assemblies	2	Each	$	$
85	Reconnecting Existing Water Services, 1 Inch	4	Each	$	$
86	14 Inch Sewer Force Main Pipe, Fittings and Couplings with Restrained Joints and Class B Backfill	244	Foot	$	$
87	14 Inch Ductile Iron Pipe with Restrained Joints and Class B Backfill	195	Foot	$	$

88	14 Inch Ductile Iron Pipe with Restrained Joints on Structure	261	Foot	**$**	**$**
89	14 Inch Connection to Existing 14 Inch Main	1	Each	**$**	**$**
90	Ductile Iron Pipe Bend, 14 Inch	21	Each	**$**	**$**
91	Ductile Iron Pipe Cross, 14 Inch	1	Each	**$**	**$**
92	Ductile Iron Pipe Reducer, 14 Inch	3	Each	**$**	**$**
93	Ductile Iron Pipe Blind Flange, 14 Inch	1	Each	**$**	**$**
94	Double Ball Expansion Joint, 14 Inch	2	Each	**$**	**$**
95	Single Ball Expansion Joint, 14 Inch	1	Each	**$**	**$**
96	Single Ball Joint, 14 Inch	1	Each	**$**	**$**
97	Temporary Force Main Bypass System	1	Lump Sum	**$**	**$**
98	10 Inch Plug Valve	2	Each	**$**	**$**
99	14 Inch Plug Valve	5	Each	**$**	**$**
100	2 Inch Combination Air Release/Air Vacuum Valve Assembly	1	Each	**$**	**$**

Total Lump-Sum Base Bid

SEC. 16, T. 4 S. R. 3 W., W.M.



1. CONST. CONSTRUCTION ENTRANCE, TYPE 1 (SEE DWG. NO RD1000)
2. INST. SEDIMENT BARRIER, TYPE 8 (SEE DWG. NO. RD1032)
3. CONST. CONCRETE WASHOUT FACILITY (SEE DWG. NO. RD1070)
4. REMOVE EXTG. TREE
5. CONST INLET PROTECTION TYPE 7 (SEE DWG. NO. RD1010)

EROSION CONTROL LEGEND

CONSTRUCTION ENTRANCE	CONCRETE WASHOUT	PRESERVE AND PROTECT TREE
ORANGE PLASTIC MESH FENCE	FLOW DIRECTION	PRESERVE AND PROTECT TREE
SEDIMENT BARRIER	INLET PROTECTION	REMOVE TREE
PERMANENT SEEDING		REMOVE TREE

SCALE IN FEET

0 40 80

DAYTON UTLITY BRIDGE

SCALE: 1" = 40'

REV	DATE	DESCRIPTION	BY
1	11/11/22	NOTE & LEGEND REVISION	TWK

REVISIONS

REGISTERED PROFESSIONAL ENGINEER 90131 Digitally Signed OREGON MAY 12, 2020 TYLER WILLIAM KLEIN EXPIRES: 06/30/2023

DOWL www.DOWL.com

DAYTON UTILITY BRIDGE MAIN SPAN REPLACEMENT
DAYTON, OREGON

SEDIMENT AND EROSION CONTROL PLAN

PROJECT 80185
DATE 10/12/2022

SHEET

FA01

GENERAL NOTES:

PROVIDE ALL MATERIALS AND PERFORM ALL WORK ACCORDING TO THE OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION 2021.

THE SPAN 3 BRIDGE REPLACEMENT IS DESIGNED FOR 90 PSF PEDESTRIAN LOADING OR AN H10 MAINTENANCE VEHICLE AS SHOWN WITH AN ALLOWANCE OF 0 PSF FOR FUTURE WEARING SURFACE. PREFABRICATED TRUSS INCLUDING STAY-IN-PLACE DECK FORMS, BRIDGE PEDESTRIAN RAIL, BRIDGE BEARING ASSEMBLIES, AND UTILITY BRACKET ASSEMBLIES SHALL BE DESIGNED BY OTHERS IN ACCORDANCE WITH THE "9TH EDITION AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS" AND THE "2ND EDITION AASHTO LRFD GUIDE SPECIFICATION FOR DESIGN OF PEDESTRIAN BRIDGES".

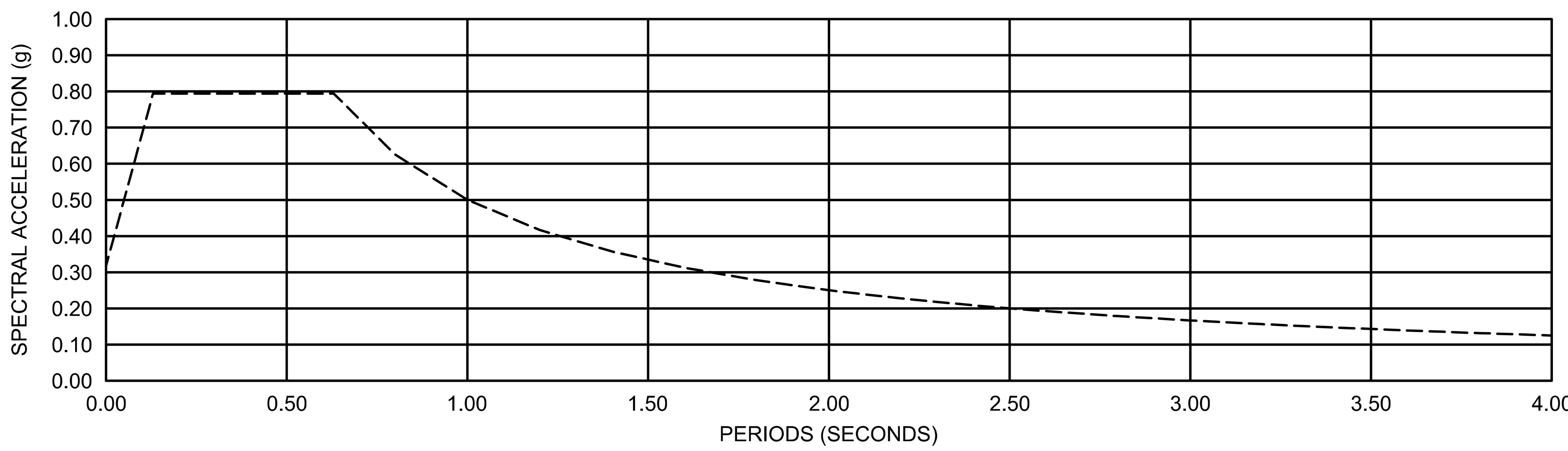
BENT 3 AND 4 SUBSTRUCTURES WERE DESIGNED ASSUMING THE TIMBER APPROACH SPANS WILL BE REPLACED WITH ODOT STANDARD PRESTRESSED SLABS IN THE FUTURE. THE BENTS WERE DESIGNED FOR THE FOLLOWING ASSUMED FUTURE APPROACH SPAN CONFIGURATION:

3- 30" PRECAST PRESTRESSED VOIDED SLABS x 80'-00" LONG
3" ASPHALT CONCRETE WEARING SURFACE
ODOT STANDARD BR246 PEDESTRIAN RAIL

SPAN 3 BRIDGE REPLACEMENT SEISMIC DESIGN IS PERFORMED BY THE MULTI-MODE ANALYSIS IN ACCORDANCE WITH THE "9TH EDITION AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS". THE 2014 USGS SEISMIC HAZARD MAPS HAVE BEEN USED TO COLLECT THE SEISMIC HAZARD VALUES FOR THE BRIDGE SITE WITH LATITUDE 45.2231° N AND -123.0719° W:

SEISMIC PERFORMANCE CRITERIA	EARTHQUAKE	MAPPED HAZARD VALUES			SITE CLASS	DESIGN HAZARD VALUES			SEISMIC DESIGN ZONE
		PGA	S_S	S_1		A_S	S_{DS}	S_{D1}	
LIFE SAFETY	1000-YEAR RETURN	0.280	0.603	0.235	D	0.370	0.794	0.500	4

DESIGN RESPONSE SPECTRA



THE RESPONSE MODIFICATION FACTORS USED ARE: R = 2.0 FOR COLUMN MOMENTS AND R = 1.0 FOR ALL OTHER COMPONENTS.

BENTS 3 AND 4 SUBSTRUCTURES WERE DESIGNED FOR THE FOLLOWING TRIBUTARY DEAD LOAD MASSES SUBJECT TO THE 1000-YEAR DESIGN EARTHQUAKE:

FUTURE APPROACH SPAN : 152 KIPS
PREFABRICATED TRUSS SPAN: 286 KIPS

PROVIDE ASTM SPECIFICATION A706 GRADE 60 REINFORCING STEEL FOR COLUMN SPIRALS AND VERTICAL REINFORCEMENT. DO NOT LAP SPLICE VERTICAL COLUMN BARS.

PROVIDE ASTM A706 GRADE 60 REINFORCING STEEL FOR DRILLED SHAFT SPIRAL AND VERTICAL REINFORCEMENT. DO NOT LAP SPLICE VERTICAL DRILLED SHAFT BARS.

PROVIDE ASTM A706 GRADE 80 REINFORCING STEEL FOR #8 AND #11 BARS IN DRILLED SHAFT CAP ELEMENTS.

PROVIDE ALL OTHER REINFORCING STEEL ACCORDING TO ASTM SPECIFICATION A706, OR AASHTO M31 (ASTM A615) GRADE 60. USE THE FOLLOWING SPLICE LENGTHS:

REINFORCING SPLICE LENGTHS (CLASS B) GRADE 60 f'_c = 4.0 KSI, λ_{rc} = 0.4, 2IN. MIN. CONCRETE CLEAR COVER

BAR SIZE	#3	#4	#5	#6	#7	#8	#9	#10	#11	#14 & #18
UNCOATED	1'-4"	1'-7"	2'-0"	2'-5"	2'-9"	3'-2"	3'-7"	4'-0"	4'-5"	NOT PERMITTED

REINFORCING SPLICE LENGTHS (CLASS B) GRADE 80 f'_c = 4.0 KSI, λ_{rc} = 0.4, 2IN. MIN. CONCRETE CLEAR COVER

BAR SIZE	#3	#4	#5	#6	#7	#8	#9	#10	#11	#14 & #18
UNCOATED	1'-7"	2'-1"	2'-8"	3'-2"	3'-8"	4'-2"	4'-9"	5'-4"	5'-11"	NOT PERMITTED

INCREASE ALL SPLICE LENGTHS 30% FOR HORIZONTAL OR NEARLY HORIZONTAL BARS PLACED SO THAT MORE THAN 12" OF FRESH CONCRETE IS CAST BELOW THE BAR.

SPLICE REINFORCING STEEL AT ALTERNATE BARS, STAGGERED AT LEAST ONE SPLICE LENGTH OR AS FAR AS POSSIBLE, UNLESS SHOWN OTHERWISE.

SUPPORT THE BOTTOM MAT REINFORCING STEEL FROM THE FORMS WITH PRECAST MORTAR BLOCKS AT 24" MAXIMUM CENTERS EACH WAY. SUPPORT THE TOP MAT OF REINFORCING STEEL FROM THE BOTTOM MAT OF REINFORCING STEEL WITH WIRE BAR SUPPORTS AS SHOWN IN CHAPTER 3 OF THE "CRSI MANUAL OF STANDARD PRACTICE" (SBU, BBU, OR CHCU). PLACE WIRE BARS SUPPORTS AT 24" MAXIMUM CENTERS.

PROVIDE BARS 2" CLEAR OF THE NEAREST FACE OF CONCRETE UNLESS SHOWN OTHERWISE.

DO NOT FABRICATE REINFORCING STEEL FOR COLUMNS UNTIL FINAL SUBSTRUCTURE ELEVATIONS HAVE BEEN PROVIDED BY THE PREFABRICATED TRUSS MANUFACTURER AND FIELD VERIFIED.

1 PROVIDE CLASS HPC4500 - 3/4 CONCRETE IN BRIDGE DECK.

PROVIDE CLASS 4000 - 1 1/2, 1, OR 3/4 CONCRETE IN CROSSBEAMS AND COLUMNS

PROVIDE CLASS 4000 - 3/4 CONCRETE IN DRILLED SHAFT CAPS.

PROVIDE CLASS 4000 - 3/8 CONCRETE IN DRILLED SHAFTS.

PROVIDE ASTM SPECIFICATION A588 GRADE 50 FOR ROLLED STRUCTURAL STEEL SHAPES.

PROVIDE ASTM SPECIFICATION A847 GRADE 50W, OR A1065 GRADE 50W FOR SQUARE HSS SHAPES.

PROVIDE ASTM SPECIFICATION A709 GRADE 50W OR A588 GRADE 50 FOR STRUCTURAL STEEL PLATES.

PROVIDE ASTM SPECIFICATION A653 FOR STAY-IN-PLACE STEEL DECK FORMS. STAY-IN-PLACE DECK FROM SHALL BE HOT-DIP GALVANIZED.

PROVIDE ASTM SPECIFICATION A36, A529, A572, A709, OR A913 FOR HP STRUCTURAL STEEL SHAPES. HP SECTIONS SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION.

SHEAR CONNECTORS SHALL BE ASTM A108 HEADED CONCRETE ANCHOR STUDS.

FASTENERS AT STRUCTURAL CONNECTIONS SHALL BE TYPE 3 HIGH-STRENGTH BOLTS CONFORMING TO ASTM SPECIFICATION A325. HIGH-STRENGTH FASTENERS SHALL BE TIGHTENED USING TURN-OF-THE-NUT METHOD.

PROVIDE ALL THREADED HANGER RODS CONFORMING TO ASTM SPECIFICATION F1554 GRADE 55.

PROVIDE ALL THREADED BOLTS CONFORMING TO ASTM SPECIFICATIONS F1554 GRADE 36.

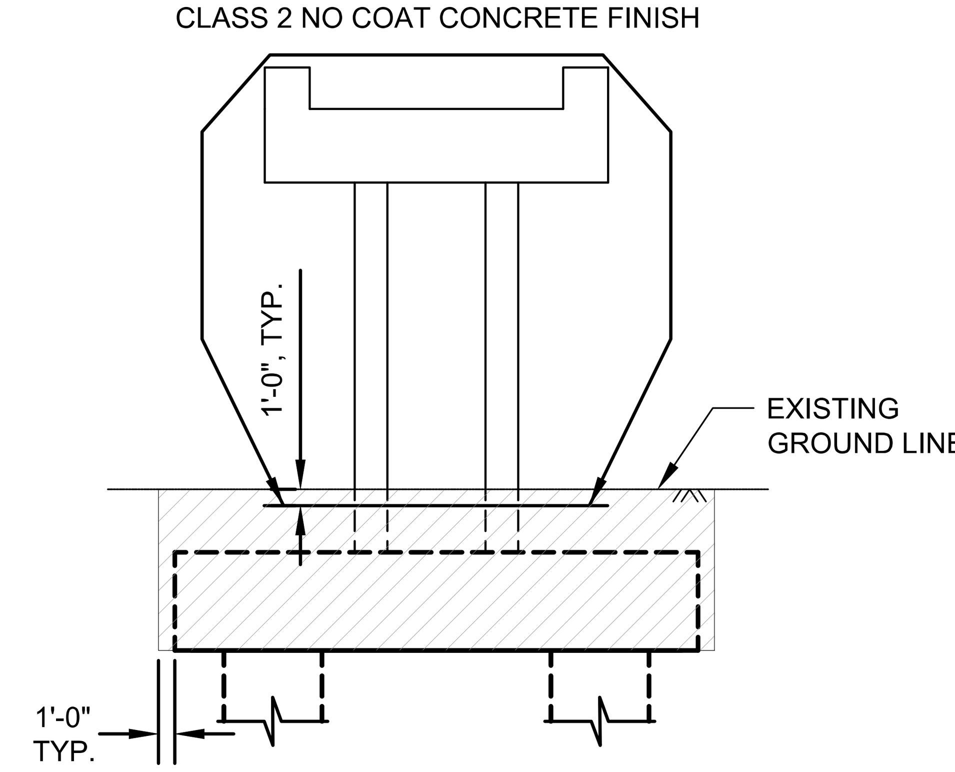
PROVIDE ALL BENT U BOLTS CONFORMING TO ASTM SPECIFICATIONS A307 GRADE C.

PROVIDE CAST-IN-PLACE HEADED ANCHOR BOLTS CONFORMING TO ASTM F1554 GRADE 36.

HANGER RODS, ALL THREADED BOLTS, HEADED ANCHOR RODS, NUTS, AND WASHERS SHALL BE HOT-DIP GALVANIZED AFTER FABRICATIONS.

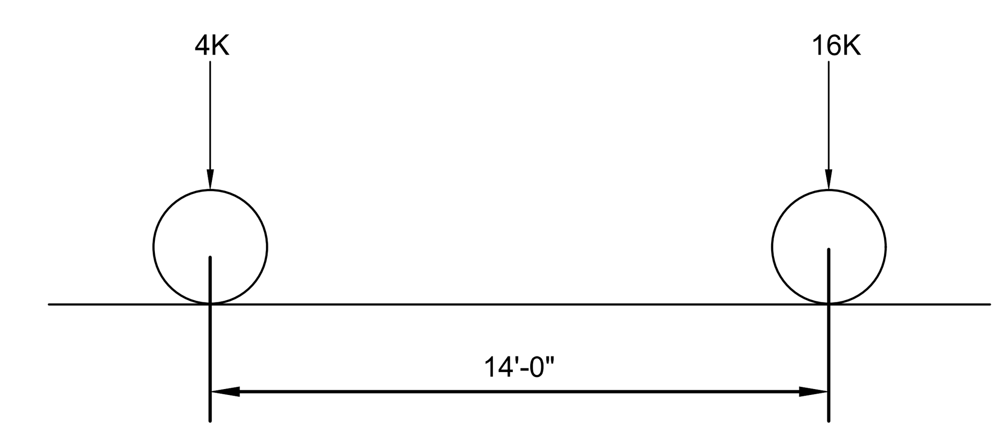
ALL WELDING SHALL CONFORM TO THE CURRENT EDITION OF THE AWS D1.5 BRIDGE WELDING CODE EXCEPT THAT WELDING FOR TUBULAR SECTIONS (HSS) SHALL CONFORM TO THE AWS D1.1 STRUCTURAL WELDING CODE. ALL FILLER METALS SHALL CONFORM TO THE REQUIREMENTS OF THE AWS D1.5

OREGON LAW REQUIRES THE RULES ADOPTED BY THE OREGON UTILITIES NOTIFICATION CENTER TO BE OBSERVED. THESE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. COPIES OF THESE RULES MAY BE OBTAINED FROM THE CENTER OR BY CALLING 1-800-322-2344 OR 811.



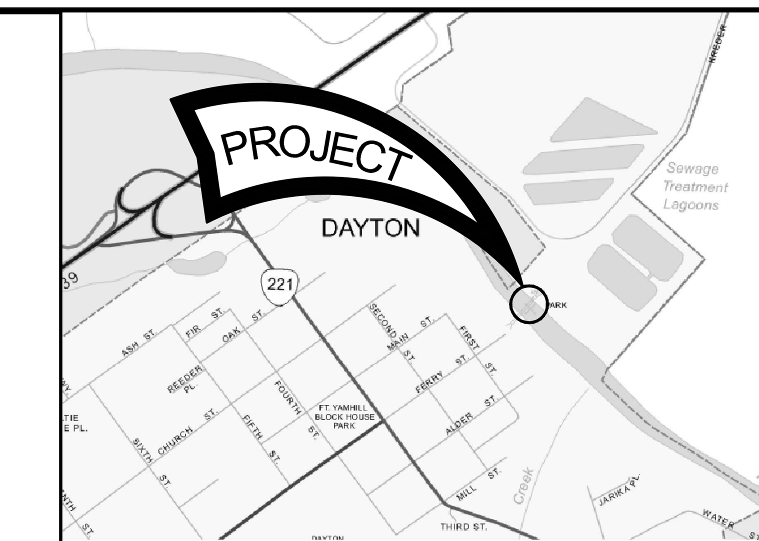
CONCRETE FINISH AND STRUCTURE EXCAVATION LIMITS DIAGRAM

SCALE: NO SCALE



H10 VEHICLE

SCALE: NO SCALE



LOCATION MAP
SEC. 16, T04S, R03W, WM
LAT. 45.2203, LONG. -123.0699

REV	DATE	DESCRIPTION	BY
1	11/10/22	NOTE REVISION	MGM

REGISTERED PROFESSIONAL ENGINEER 85555 OREGON DECEMBER 21, 2011 MICHAEL G. McNULTY
Digitally Signed 2022.11.10 14:07:48-08'00'
EXPIRES: 12/31/2022

DOWL WWW.DOWL.COM

DAYTON UTILITY BRIDGE MAIN SPAN REPLACEMENT
DAYTON, OREGON

GENERAL STRUCTURAL NOTES

PROJECT 80185
DATE 10/24/2022

FOR ACCOMPANIED BY DWGS. SEE SHEET S01.

SCALE WARNING
If scale bar doesn't measure one inch then drawing is not to scale

SHEET S02