

DATE: September 8, 2025

DEPARTMENT OF GENERAL SERVICES
BUREAU OF CAPITAL PROJECT DESIGN MANAGEMENT
1800 HERR STREET
HARRISBURG, PENNSYLVANIA

ADDENDUM NO. 4

on

PROJECT NO. DGS A-0199-0090 PHASE 001

PROJECT TITLE - White Oak Pond - Design, Construct & Rehab Dam

PROFESSIONAL:

Schnabel Engineering, LLC
3 Dickinson Drive, Suite 200
Chadds Ford, PA, 19317

If you submitted a bid prior to this Addendum being issued, your bid has been discarded and you must re-submit your bid(s) prior to the bid opening date and time.

ADMINISTRATIVE CHANGES – ALL CONTRACTS

Item 1 - According to PENNDOT, the contractor performing the work for the culvert replacement must be PENNDOT certified.

SPECIFICATION CHANGES – ALL CONTRACTS

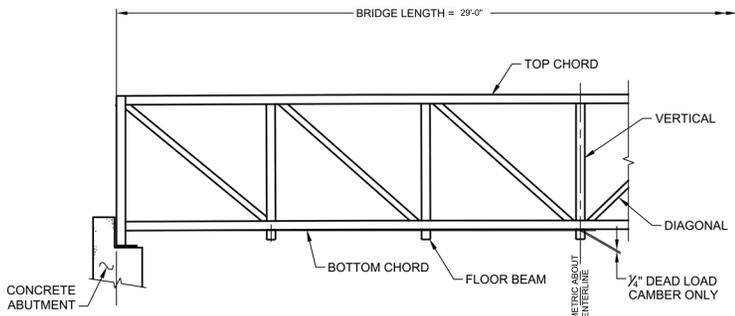
Item 1 - Specification 32 34 00 – Fabricated Bridge shall remain unchanged, the bridge shall be painted in accordance with Paragraph 2.5.

DRAWING CHANGES – ALL CONTRACTS

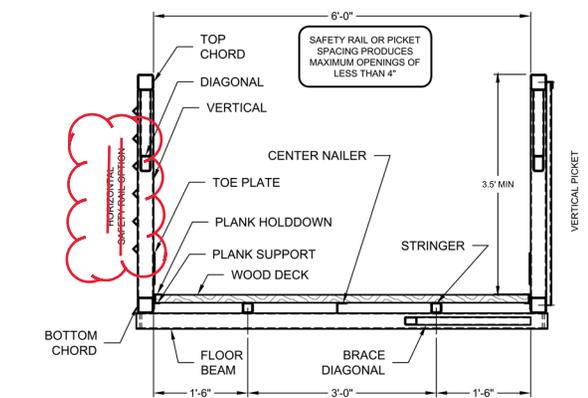
Item 1 - Drawings S-14 Detail 3 Bridge Section shall be revised to remove the horizontal safety rail option text, vertical picket shall be used. See attached Revised Drawing S-14.



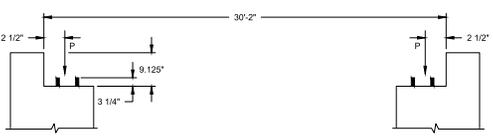
- NOTES:**
- DESIGN IS IN ACCORDANCE WITH THE MANUAL OF STEEL CONSTRUCTION FOLLOWING LOAD & RESISTANCE FACTOR DESIGN (LRFD) AS ADOPTED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), LATEST EDITION.
 - BRIDGE MEMBERS ARE FABRICATED FROM HIGH STRENGTH, LOW ALLOY, ENHANCED ATMOSPHERIC CORROSION RESISTANT ASTM A647 COLD-FORMED WELDED SQUARE AND RECTANGULAR TUBING, AND ASTM A588, ASTM A606, OR ASTM A242 PLATE AND STRUCTURAL SHAPES (Fy = 50,000 PSI).
 - BRIDGE DECKING NOMINAL 2-INCH THICK SOUTHERN YELLOW PINE (Fb=1,300 PSI MIN.). TIMBER DECK MATERIAL SHALL BE TREATED WITH ALKALINE COPPER QUATERNARY (ACQ) TO A 0.4 PCF RETENTION OR TO REFUSAL.
 - THE GAS METAL ARC WELDING PROCESS OR FLUX CORED ARC WELDING PROCESS WILL BE USED.
 - ALL TOP AND BOTTOM CHORD SHOP SPLICES TO BE COMPLETE PENETRATION TYPE WELDS.
 - UNLESS OTHERWISE NOTED, WELDED CONNECTIONS SHALL BE FILLET WELDS (OR HAVE THE EFFECTIVE THROAT OF A FILLET WELD) OF A SIZE EQUAL TO THE THICKNESS OF THE LIGHTEST GAGE MEMBER IN THE CONNECTION. WELDS SHALL BE APPLIED AS FOLLOWS:
 - A. BOTH ENDS OF VERTICALS, DIAGONALS, BRACE DIAGONALS AND FLOOR BEAMS SHALL BE WELDED ALL AROUND.
 - B. BOTTOM OF STRINGERS WILL BE STITCH WELDED TO TOP OF FLOOR BEAMS.
 - C. MISCELLANEOUS NON-STRUCTURAL MEMBERS WILL BE STITCH WELDED TO THEIR SUPPORTING MEMBERS.
 - BRIDGE DESIGN SHALL BE BASED ON COMBINATIONS OF THE FOLLOWING LOADS WHICH WILL PRODUCE MAXIMUM CRITICAL MEMBER STRESSES.
 - A. 60 PSF UNIFORM LIVE LOADING ON THE FULL DECK AREA.
 - B. 25 PSF WIND LOAD ON THE FULL HEIGHT OF THE BRIDGE, AS IF ENCLOSED.
 - C. 20 PSF UPWARD FORCE APPLIED AT THE WINDWARD QUARTER POINT OF THE TRANSVERSE BRIDGE WIDTH (AASHTO 3.15.3).
 - CLEANING: ALL EXPOSED SURFACES OF STEEL SHALL BE CLEANED IN ACCORDANCE WITH STEEL STRUCTURES PAINTING COUNCIL SURFACES PREPARATION SPECIFICATIONS NO. 7 BRUSH-OFF BLAST CLEANING, SSPC-SP7-LATEST EDITION.



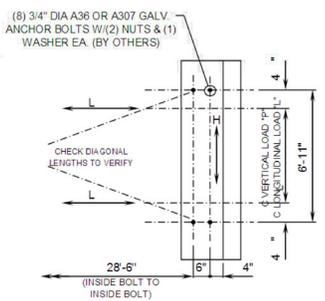
1 BRIDGE ELEVATION
NTS



3 BRIDGE SECTION
NTS

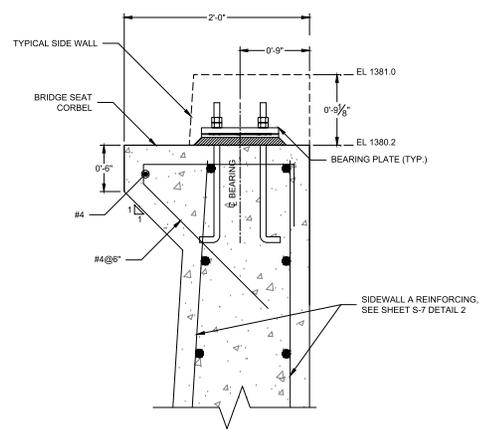


4 ANCHOR BOLT ELEVATION
NTS



5 ANCHOR BOLT PLAN
NTS

2 BRIDGE PLAN
NTS



6 BRIDGE CORBEL SECTION (BASE BID 2)
SCALE: 1/2"=1'-0"

BRIDGE REACTIONS			
	P (LBS)	H (LBS)	L (LBS)
DEAD LOAD	1,140	--	--
UNIFORM LIVE LOAD	2,925	--	--
WIND UPLIFT 20 PSF	-1,350	--	--
WIND 20 PSF	-450	--	--
WIND THERMAL	+395	1,330	--
	--	--	400

+ DOWNWARD LOAD, - UPWARD LOAD
COMBINE REACTIONS AS PER LOCAL OR GOVERNING BUILDING CODES AS REQUIRED
"P" - VERTICAL LOAD AT EACH BASE PLATE (4 PER BRIDGE)
"H" - HORIZONTAL LOAD AT EACH FOOTING (2 PER BRIDGE)
"L" - LONGITUDINAL LOAD AT EACH BASE PLATE (4 PER BRIDGE)

DESCRIPTION	DESCRIPTION
RECORD REVISIONS	
Lisa Ciampitti 6/17/2025 DATE	
SCHNABEL ENGINEERING 3 DICKINSON DRIVE, SUITE 200 CHADDOS FORD, PENNSYLVANIA 19317	
COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF GENERAL SERVICES HARRISBURG, PENNSYLVANIA	
D.G.S. PROJECT NO. 199-90 PHASE 1.1	

VERIFY SCALE	
BAR IS ONE (1) INCH LONG ON ORIGINAL DRAWING: 	
IF BAR IS NOT ONE (1) INCH LONG, ADJUST SCALE ACCORDINGLY.	
CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS. VARIANCE FROM CONTRACT DOCUMENTS NOT PERMITTED WITHOUT PROFESSIONAL & BUREAU OF CONSTRUCTION APPROVAL.	DRAWN BY DPS/CSL DATE JUNE 2025 CHECK BY LMC SCALE AS NOTED
WHITE OAK POND DAM PENNSYLVANIA FISH & BOAT COMMISSION CLINTON TOWNSHIP, WAYNE COUNTY, PA PEDESTRAIN BRIDGE (BASE BID 2)	
DRAWING NO. S-14	

CONSTRUCTION DOCUMENTS