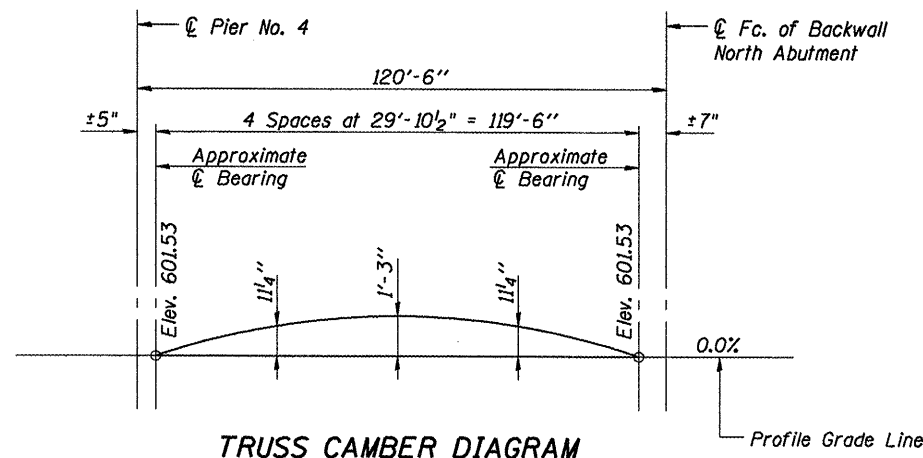


GENERAL NOTES

- Fasteners shall be AASHTO M164 Type 3. Bolts 3/4" φ, holes 15/16" φ, unless otherwise noted.
- All structural steel shall be AASHTO M 270 Grade 50W. Calculated weight of structural steel = 8,100 pounds.
- No field welding is permitted except as specified in the contract documents.
- All Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.
- Reinforcement bars shall be epoxy coated.
- Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope or work, however, the Contractor will be paid for the quantity actually furnished at the unit bid price for work.
- Concrete Sealer shall be applied to the exposed surfaces of the new concrete bearing pedestals at the abutments and at Piers 1 & 4.
- The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
- Unless noted otherwise, exposed concrete edges shall have a 3/4" chamfer.
- The Contractor shall provide and install all necessary timber shims to construct a level deck surface.
- Timber deck planks shall be placed with the grain such that cupping will not cause water to sit on a plank.
- The Contractor shall field verify all conditions at the site prior to the start of construction.
- All structural timber shall be treated to conform to Section 507 of the Standard Specifications.
- All hardware required for timber construction, including nuts, washers, lag screws, threaded rods and miscellaneous fasteners shall be stainless steel or hot-dipped galvanized and shall conform to Section 507 of the Standard Specifications unless noted otherwise.
- Anchor bolts shall be set before bolting diaphragms.
- The Contractor shall remove the existing debris from all piers and abutments. The cost of this work shall be included in the cost for "Removal of Existing Precast Concrete Units".
- It shall be the responsibility of the Contractor to verify all dimensions and elevations of the existing structure in the field prior to construction and ordering materials. Do not scale dimensions from the drawings for construction purposes.
- If, during the performance of the work, the Contractor finds a conflict or discrepancy related to existing details and dimensions of the existing structure, the Contractor shall report such discrepancies to the Engineer in writing at once and before proceeding with the work affected thereby. The Contractor shall obtain written interpretation or clarification of such discrepancies.
- Removal of the existing Precast Concrete Units and ballast shall not be conducted over traffic. See Special Provisions for Traffic Control.
- All lumber dimensions given are nominal dimensions. The minimum surfaced areas of timbers shall be as follows:

NOMINAL SIZE	DRESSED
2 x 6	1 1/2" x 5 1/2"
2 x 8	1 1/2" x 7 1/4"
2 x 12	1 1/2" x 11 1/4"
3 x 12	2 1/2" x 11 1/4"
6 x 6	5 1/2" x 5 1/2"
8 x 8	7 1/2" x 7 1/2"



TRUSS CAMBER DIAGRAM

Note: Camber Diagram for fabricator's use only. Final Resultant Camber shall be cambered for dead load plus the specified amount shown above.

PEDESTRIAN TRUSS SUPERSTRUCTURE

ASSUMED TRUSS REACTIONS (+)=Downward (-)=Upward			
	P (lbs)	H (lbs)	L (lbs)
Dead Load	16,400	-	-
Uniform Live Load (85 psf)	25,500	-	-
Vehicle Load	5,000	-	-
Wind Uplift (20psf)	-9,900	-	-
Wind	±9,720	18,900	-
Thermal	-	-	5,740

"P" - Vertical Load at Each Base Plate (4 per Bridge)
 "H" - Horizontal Load at Each Footing (2 per Bridge)
 "L" - Longitudinal Load at Each Bearing (4 per Bridge)

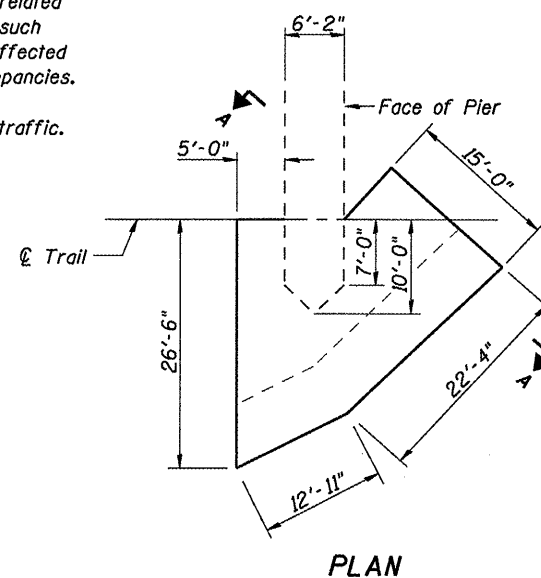
INDEX OF SHEETS

- General Plan & Elevation
- General Notes, Total Bill of Material, & Riprap at Pier 2
- Typical Cross Sections
- Timber Deck & Railing Details Spans 1-4
- Timber Framing Details Spans 1-4
- Timber Details
- Steel Framing & Details Span 1
- Substructure & Bearing Layout
- Abutment Details
- Pier Details

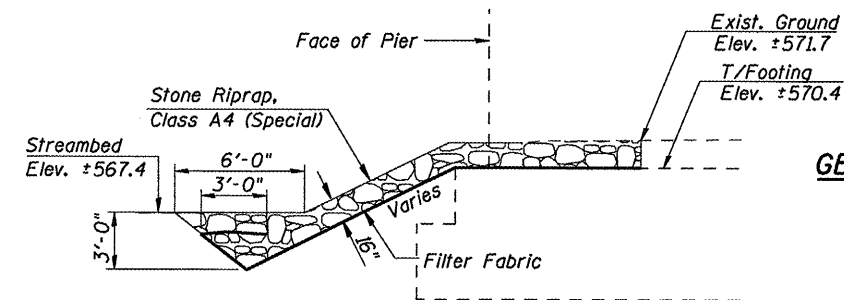
TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Treated Timber	F.B.M.	26,965	140	27,105
Hardware	Pound	4,920	80	5,000
Concrete Structures	Cu. Yd.		15.7	15.7
Removal of Existing Superstructures	L. Sum	1		1
Removal of Existing Substructure	L. Sum		1	1
Concrete Removal	Cu. Yd.		0.8	0.8
Furnishing and Erecting Structural Steel	L. Sum	1		1
Reinforcement Bars, Epoxy Coated	Pound		1,680	1,680
Removal of Existing Precast Concrete Units	Sq. Ft.	4,928		4,928
Pedestrian Truss Superstructure	Sq. Ft.	1,205		1,205
Concrete Sealer	Sq. Ft.		649	649
Stone Riprap, Class A4 (Special)	Ton		40	40

* See Special Provisions



PLAN



SECTION A-A

GENERAL NOTES, TOTAL BILL OF MATERIAL & RIPRAP DETAIL AT PIER 2 SANGAMON VALLEY TRAIL OVER OLD JACKSONVILLE ROAD SVT BRIDGE NO. 12 STRUCTURE NO. 084-9912