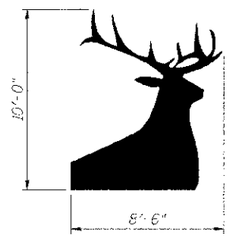
GENERAL NOTES

1. Fasteners shall be ASTM A325 Type 1, mechanically galvanized bolts in painted areas and ASTM A325 Type 3 in unpainted areas. Bolt size shall be determined by the Contractor.
2. All structural steel shall be AASHTO M270 Grade 50W (except expansion joints which shall be AASHTO M270 Grade 36)
3. No field welding is permitted except as specified in the contract documents.
4. Reinforcement bars designated (E) shall be epoxy coated.
5. Concrete Sealer shall be applied to the designated areas of the exposed surfaces of the piers and abutments up to the back of backwall location.
6. All structural steel and exposed surfaces of bearings within a distance of 10 ft. each way from the deck joints shall be painted as specified in Section 506 of the Standard Specifications.
7. The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.
8. Construction Vibration Monitoring is required for all pile driving operation. See Special Provisions.
9. The West Shore 12-inch high pressure petroleum pipeline shall be protected according to the special provisions. The pipeline is shown as —o|— on Sheet 1 of 13 and —HPPP— in the remainder of the plans.



FURNISH AND ERECT SIGN PANEL

(The sign face color shall be black, each face. see Special Provisions)

INDEX OF SHEETS

1	General Plan and Elevation
2	General Data
3	Bridge Approach Slab Details
4	Abutment Details
5-6	Pier Details
7	South MSE Plan and Elevation
8	North MSE Plan and Elevation
9	Metal Shell Pile Details
10-13	Borings Logs

TRUSS MANUFACTURER

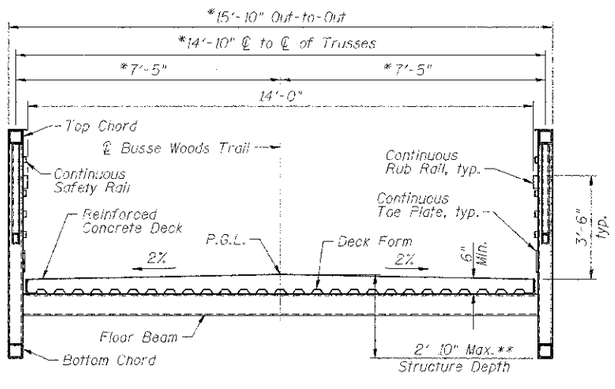
The substructure is designed per AASHTO LRFD and based on the assumed truss dead loads (including deck) shown below.

Total factored superstructure dead load at South Abutment = 87,500 pounds.
Total factored superstructure dead load at North Abutment = 62,500 pounds.
Total factored superstructure dead load at Pier 1 = 215,313 pounds.
Total factored superstructure dead load at Pier 2 = 190,313 pounds.

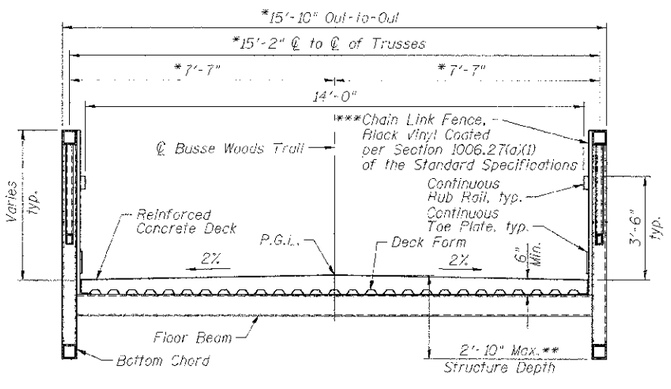
Truss manufacturer shall camber the truss as necessary to provide allowance for dead load deflection.

Bridge bearing seat elevations are subject to revision based on the approved pedestrian truss superstructure shop drawings. Contractor shall verify all dimensions and elevations with final shop drawings.

Truss manufacturer shall provide the reinforced concrete deck design. Concrete deck to utilize stay-in-place galvanized forms. Reinforcement shall be epoxy coated. Contractor shall place the concrete deck after truss is set. Cost included with Pedestrian Truss Superstructure.



CROSS SECTION THRU TRUSS
90 FT. AND 65 FT. SPAN



CROSS SECTION THRU TRUSS
120 FT. SPAN

TOTAL BILL OF MATERIAL

Item	Unit	Superstructure	Substructure	Total
Structure Excavation	Cu Yd	-	82.1	82.1
Concrete Structures	Cu Yd	-	144.6	144.6
Concrete Superstructure	Cu Yd	22.2	-	22.2
Protective Coat	Sq Yd	48.1	-	48.1
Reinforcement Bars, Epoxy Coated	Pounds	4,520	24,190	28,710
Furnishing Metal Shell Piles 12" x 0.250"	Foot	-	1,549	1,549
Driving Piles	Foot	-	1,549	1,549
Test Pile Metal Shells	Each	-	4	4
Name Plates	Each	-	1	1
Concrete Headwalls for Pipe Drains	Each	-	2	2
Concrete Sealer	Sq Ft	-	1,620	1,620
Chain Link Fence, 4'	Foot	-	262	262
Pedestrian Truss Superstructure	Sq Ft	3,850	-	3,850
Construction Vibration Monitoring	L Sum	-	1	1
Furnish and Erect Sign Panel	Sq Ft	170	-	170
Mechanically Stabilized Earth Retaining Wall	Sq Ft	-	3,346	3,346
Pipe Underdrains for Structures 6"	Foot	-	275	275

Notes:
* Subject to refinement per Truss Manufacturer
** Structure depth includes height of bearing
Truss supplier shall provide joint covers over all open joints between span units and at abutments (typ. 4 locations).
*** Cost of Chain Link Fence included with Pedestrian Truss Superstructure.

BILL OF MATERIAL

Item	Unit	Total
Protective Coat	Sq Yd	430
Pedestrian Truss Superstructure	Sq Ft	3,850