

GENERAL NOTES

Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts. Bolts 3/4" φ, holes 13/16" φ, unless otherwise noted. No field welding is permitted except as specified in the contract documents. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60.

Reinforcement bars designated (E) shall be epoxy coated. Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.

As directed by the Engineer, existing construction accessories welded to the top flange of beams and girders shall be removed. The weld areas shall be ground flush and inspected for cracks using magnetic particle testing (MT) or dye penetrant testing (PT) by qualified personnel approved by the Engineer. Any cracks that cannot be removed by grinding 1/4" deep shall be identified and reported to the Bureau of Bridges and Structures for further disposition. The cost of removing welded accessories, grinding and inspecting weld areas and grinding cracks will be paid for according to Article 109.04 of the Standard Specifications.

If the Contractor elects to use cantilever forming brackets on the exterior beams or girders, the brackets shall be placed at the same locations as required for the hardwood blocks in Article 503.06(b) of the Standard Specifications. If additional cantilever forming brackets are required, hardwood blocking shall be wedged between the exterior and first interior beam at each of these additional bracket locations.

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 of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8" (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.

Concrete Sealer shall be applied to the designated areas of the abutments. The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

Layout of slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.

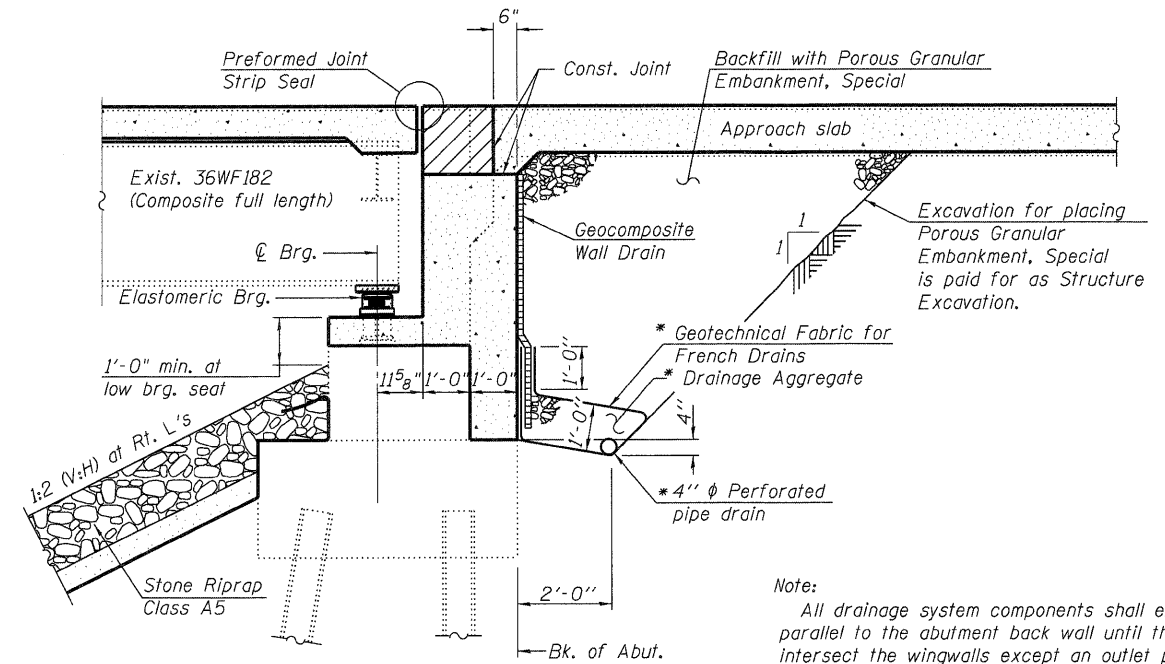
Cleaning and painting of the existing structural steel shall be as specified in the special provision for "Cleaning and Painting Existing Steel Structures". All existing steel shall be cleaned per Near White Blast Cleaning - SSPC-SP10. All new and existing steel shall be painted according to the requirements of Paint System 1 - OZ/E/U. The color of the final finish coat for all interior steel surfaces shall be Gray, Munsell No 5B 7/1. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be Green, Munsell No. 7.5G 4/8.

All new structural steel shall be shop painted with an Inorganic Zinc Rich Primer per AASHTO M300 Type 1.

Slipforming of parapets will not be allowed.

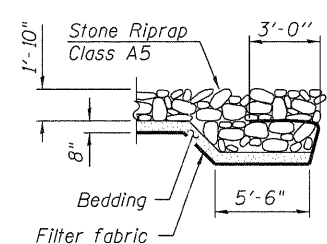
TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Stone Riprap, Class A5	Sq. Yd.		2,101	2,101
Filter Fabric	Sq. Yd.		2,101	2,101
Concrete Removal	Cu. Yd.		30.0	30.0
Slopedwall Removal	Sq. Yd.		1,271	1,271
Removal of Existing Concrete Deck No. 4	Each	1		1
Structure Excavation	Cu. Yd.		211	211
Concrete Structures	Cu. Yd.		87.8	87.8
Concrete Superstructure	Cu. Yd.	387.8		387.8
Bridge Deck Grooving	Sq. Yd.	994		994
Protective Coat	Sq. Yd.	1,235		1,235
Furnishing and Erecting Structural Steel	Pound	4,620		4,620
Stud Shear Connectors	Each	3,492		3,492
Reinforcement Bars, Epoxy Coated	Pound	88,870	8,530	97,400
Bar Splicers	Each	779	116	895
Name Plates	Each	1		1
Preformed Joint Strip Seal	Foot	80		80
Elastomeric Bearing Assembly, Type II	Each	12		12
Anchor Bolt, 3/4"	Each	48		48
Concrete Sealer	Sq. Ft.		604	604
Geocomposite Wall Drain	Sq. Yd.		50	50
Drainage Scupper, DS-11	Each	1		1
Porous Granular Embankment, Special	Cu. Yd.		96	96
Jack and Remove Existing Bearings	Each	12		12
Structural Steel Removal	Pound	3,370		3,370
Cleaning and Painting Steel Bridge No. 4	L. Sum	1		1
Containment and Disposal of Lead Paint Cleaning Residues No. 4	L. Sum	1		1
Temporary Sheet Piling	Sq. Ft.		368	368
Pipe Underdrains for Structures, 4"	Foot		140	140

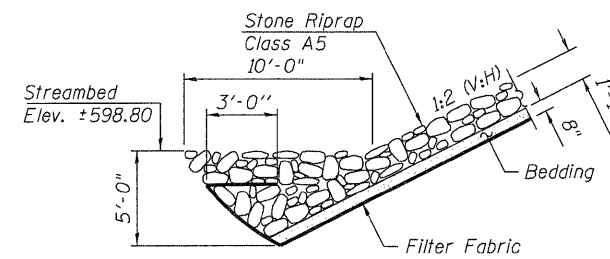


SECTION THRU PILE SUPPORTED STUB ABUTMENT
(Horiz. dim. @ Rt. L's)

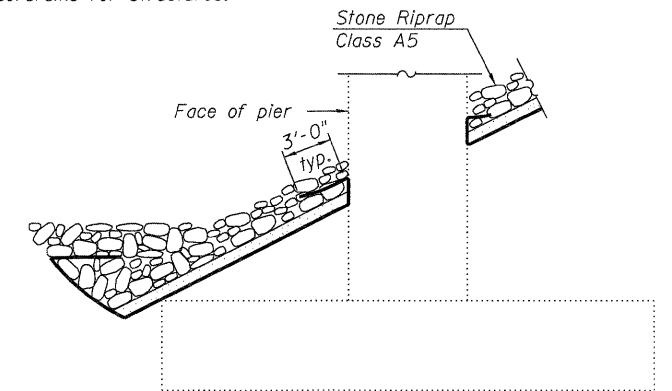
* Included in the cost of Pipe Underdrains for Structures.



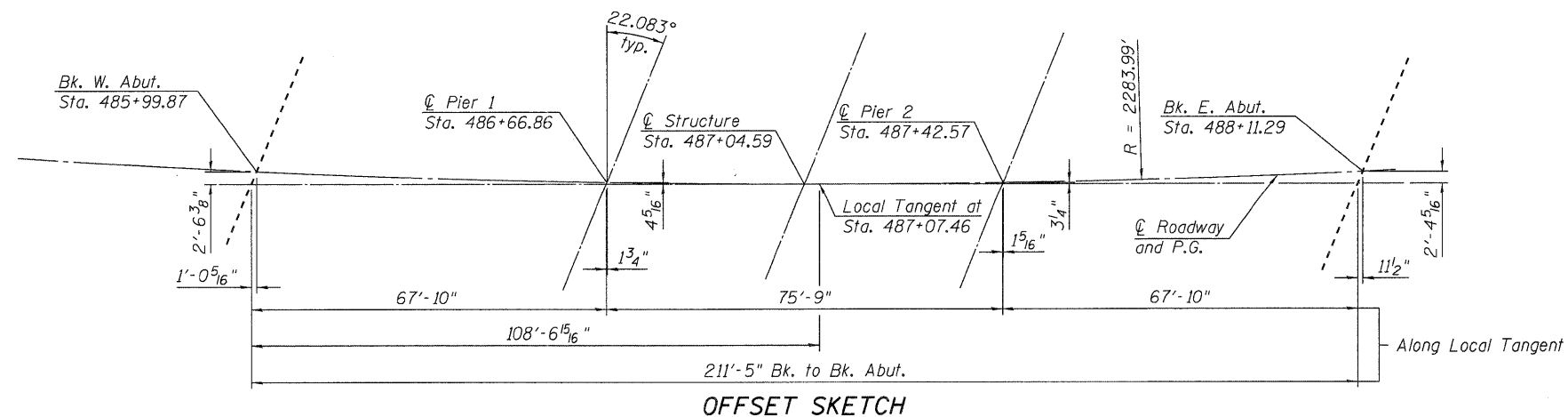
SECTION A-A



SECTION B-B



SECTION B-B (At Pier)



OFFSET SKETCH