

GENERAL NOTES

**** Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts in painted areas and M164 Type 3 in unpainted areas. Bolts - 7/8"φ, holes - 15/16"φ, unless otherwise noted.

**** Calculated weight of Structural Steel = 153,700 lbs (50W)

**** All structural steel shall be AASHTO M 270 Grade 50W except expansion joints which shall be AASHTO M 270 Grade 36. All structural steel shall be cleaned as specified in the Special Provision for "Surface Preparation and Painting Requirements for Weathering Steel".

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. See Special Provisions.

Reinforcement bars designated (E) 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 of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Concrete Sealer shall be applied to the designated areas of the exposed surfaces of backwalls, bridge seats, and front faces of pile caps under abutment deck joints.

Slipforming of parapets is not allowed.

**** All structural steel and exposed surfaces of bearings within a distance of 9 ft. each way from the deck joints shall be painted as specified in the Special Provision for "Surface Preparation and Painting Requirements for Weathering Steel".

The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.

Excavation behind existing abutment walls shall be performed to balance front and back soil pressure before removing the existing superstructure. The Contractor shall sawcut the upper portion of the existing abutment at the stage removal line before Stage I removal to ensure the remaining portion will not be prematurely damaged.

There will be no in-stream work April 20th through June 15th of any year for the Des Plaines Tributary No. 1 and Bull Creek.

The existing load post on the bridge will remain during construction.

****** FOR INFORMATION ONLY**

Structural steel and bearings were furnished in Contract 60P54.

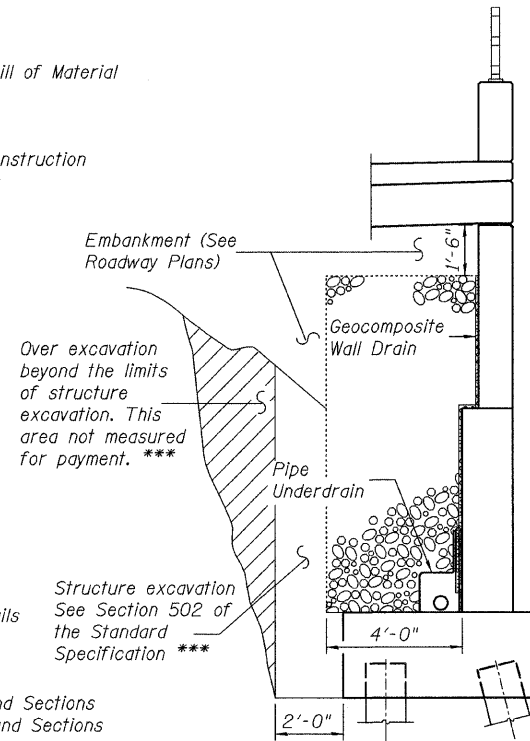
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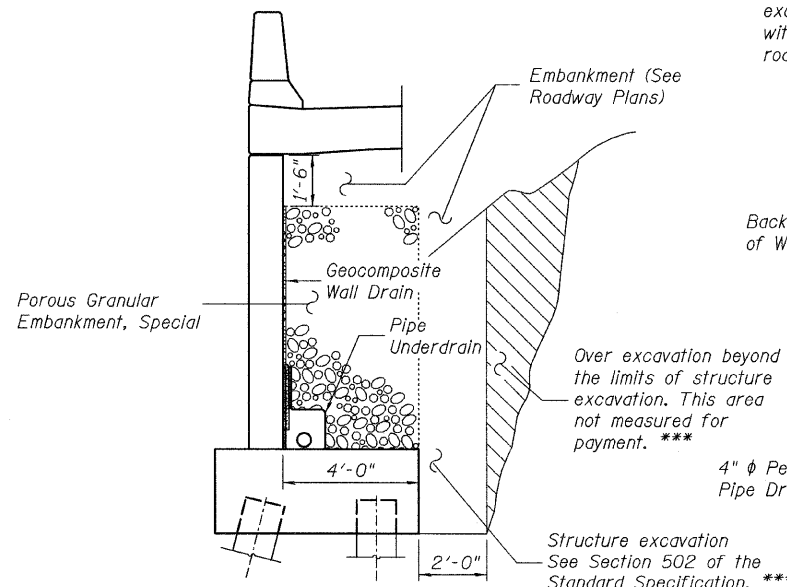
TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Removal Of Existing Superstructures	Each	1	-	1
Concrete Removal	Cu Yd	-	81	81
Structure Excavation	Cu Yd	-	1572	1,572
Floor Drains	Each	8	-	8
Concrete Structures	Cu Yd	-	532.4	532.4
Concrete Superstructure	Cu Yd	467.3	-	467.3
Bridge Deck Grooving	Sq Yd	529	-	529
Protective Coat	Sq Yd	1,272	-	1,272
Erecting Structural Steel	L Sum	1	-	1
Stud Shear Connectors	Each	3,597	-	3,597
Reinforcement Bars, Epoxy Coated	Pound	112,710	44,510	157,220
Bar Splicers	Each	473	240	713
Parapet Railing	Foot	130	-	130
Furnishing Metal Shell Piles 14" x 0.250"	Foot	-	2,535	2,535
Driving Piles	Foot	-	2,535	2,535
Test Pile Metal Shells	Each	-	2	2
Pile Shoes	Each	-	149	149
Name Plates	Each	1	-	1
Preformed Joint Strip Seal	Foot	190	-	190
Erecting Elastomeric Bearing Assembly, Type I	Each	11	-	11
Anchor Bolts, 1"	Each	22	-	22
Concrete Sealer	Sq Ft	-	2,197	2,197
Geocomposite Wall Drain	Sq Yd	-	226	226
* Pipe Underdrains For Structures 4"	Foot	-	362	362
* Porous Granular Embankment, Special	Cu Yd	-	304	304
* Temporary Soil Retention System	Sq Ft	-	5,640	5,640

* Special Provision



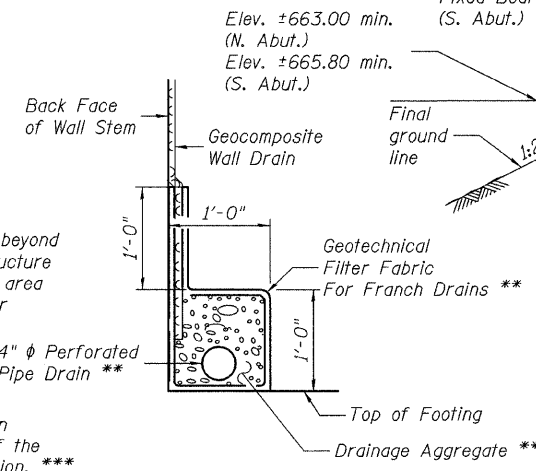
SECTION THRU WEST WINGWALL



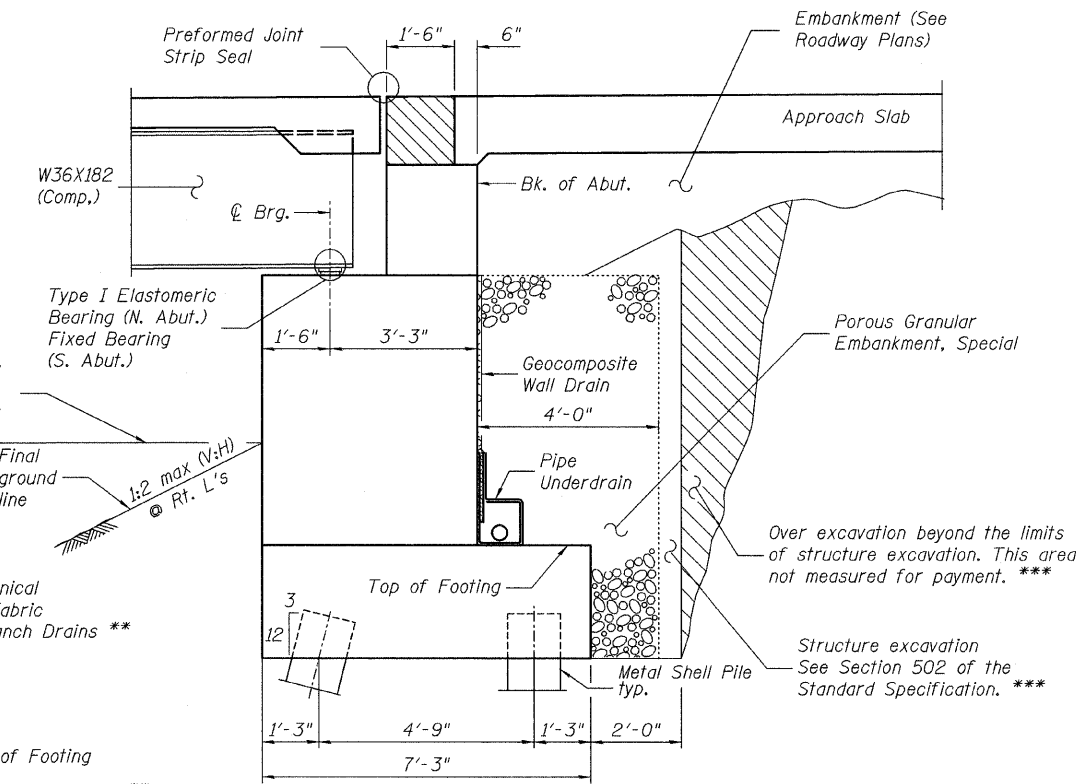
SECTION THRU EAST WINGWALL

** Included in the cost of Pipe Underdrains for Structures.

*** Backfill remainder of structure excavation and over excavation with same material specified for roadway embankment.



PIPE UNDERDRAIN DETAIL



SECTION THRU ABUTMENT
(Horiz. Dimensions @ Rt. L's)