

GENERAL NOTES

Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts.
Bolts 7/8 in. ϕ , holes 15/16 in. ϕ , unless otherwise noted.
Calculated weight of Structural Steel: AASHTO M270 Grade 50 = 710,850 pounds
M270 Grade 36 = 66,460 pounds

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.

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

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

The Inorganic Zinc Rich Primer / Acrylic / Acrylic Paint System shall be used for shop and field painting of new structural steel except where otherwise noted. 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 Interstate Green, Munsell No. 7.5G 4/8. See Special Provision for "Cleaning and Painting New Metal Structures".

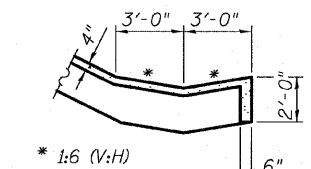
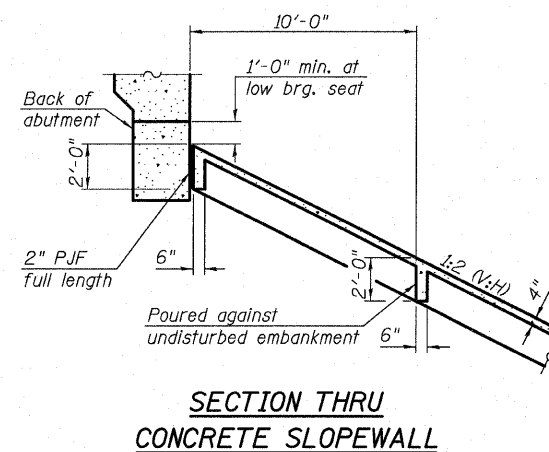
Sloped wall shall be reinforced with welded wire fabric, 6" x 6" - W4.0 x W4.0, weighing 58 lbs. per 100 sq. ft.

Slipforming of the parapet is not allowed.

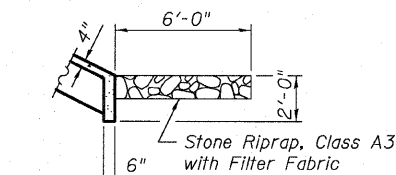
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Porous Granular Embankment, Special	Cu. Yd.	--	346	346
Stone Riprap, Class A3	Sq. Yd.	--	94	94
Filter Fabric	Sq. Yd.	--	94	94
Removal of Existing Structures	Each	--	--	2
Protective Shield	Sq. Yd.	--	--	373
Structure Excavation	Cu. Yd.	--	275	275
Floor Drains	Each	16	--	16
Concrete Structures	Cu. Yd.	--	369.1	369.1
Concrete Superstructure	Cu. Yd.	780.5	--	780.5
Bridge Deck Grooving	Sq. Yd.	2,358	--	2,358
Concrete Encasement	Cu. Yd.	--	29.4	29.4
Protective Coat	Sq. Yd.	2,796	--	2,796
Furnishing and Erecting Structural Steel	L. Sum	1	--	1
Stud Shear Connectors	Each	9,900	--	9,900
Reinforcement Bars, Epoxy Coated	Pound	152,610	33,780	186,390
Bar Splicers	Each	1,210	148	1,358
Slope Wall 4 Inch	Sq. Yd.	--	1,451	1,451
Furnishing Steel Piles HP 12X53	Foot	--	5,175	5,175
Furnishing Steel Piles HP 12X63	Foot	--	3,193	3,193
Driving Piles	Foot	--	8,368	8,368
Test Pile Steel HP 12x53	Each	--	2	2
Test Pile Steel HP 12x63	Each	--	1	1
Pile Shoes	Each	--	84	84
Temporary Sheet Piling	Sq. Ft.	--	368	368
Name Plates	Each	2	--	2
Preformed Joint Seal 2 1/2"	Foot	184.5	--	184.5
Anchor Bolts, 1"	Each	132	--	132
Geocomposite Wall Drain	Sq. Yd.	--	199	199
Pipe Underdrains for Structures 4"	Foot	--	317	317
Temporary Support System	Each	--	2	2
Mechanical Splicers	Each	--	30	30



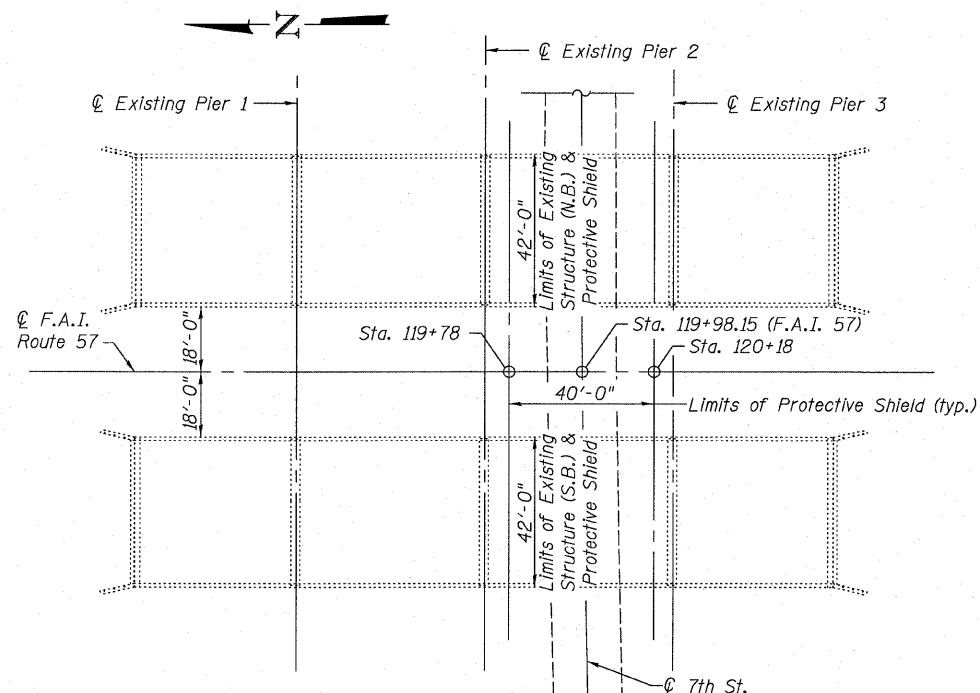
SOUTH ABUTMENT TOE



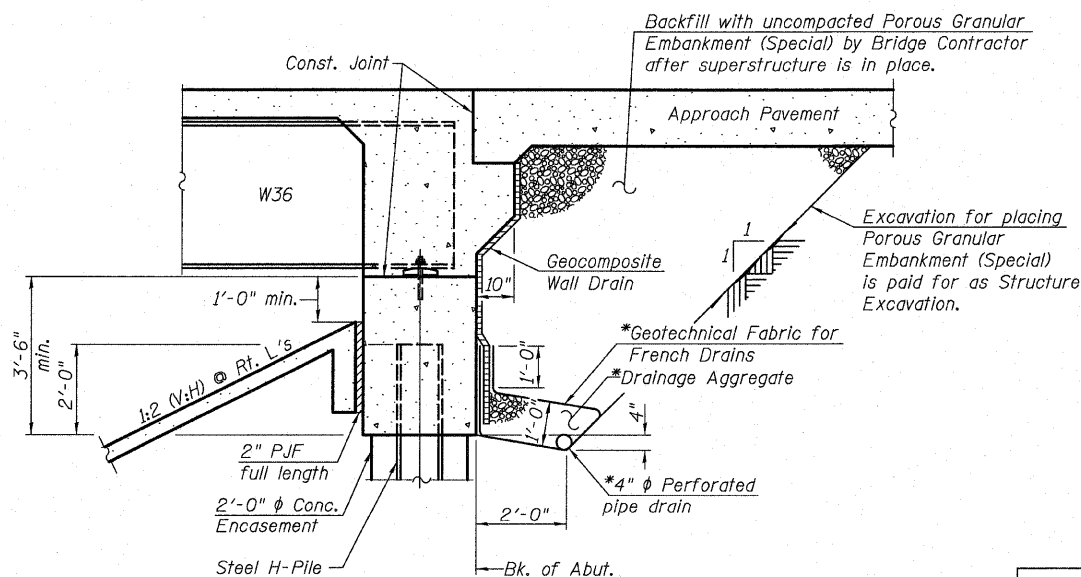
NORTH ABUTMENT TOE

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	General Plan & Elevation
2	General Notes & Details
3	Stage Construction Details
4	Temporary Concrete Barrier for Stage Construction
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9	Top of North Approach Slab Elevations
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15	Framing Plan
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	Soil Boring Logs



**PROTECTIVE SHIELD DETAIL
OVER 7TH ST.**



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

*Included in the cost of Pipe Underdrains for Structures.

Note:
All drainage system components shall extend to 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101).

GENERAL NOTES & DETAILS
STRUCTURE NO. 028-0079 (N.B.)
STRUCTURE NO. 028-0080 (S.B.)

SHEET NO.	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2	57	(28-5)VB-1	FRANKLIN	81	25
SHEETS 29			CONTRACT NO. 78157		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					



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DESIGNED JAD
CHECKED MJP
DRAWN JAD
CHECKED MJP