

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts.
Bolts $\frac{7}{8}$ in. ϕ , holes $\frac{15}{16}$ in. ϕ , unless otherwise noted.

Calculated weight of Structural Steel = 53,290 lbs (AASHTO M270, Grade 50)
2,605 lbs (AASHTO M270, Grade 36)

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.

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".

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

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.

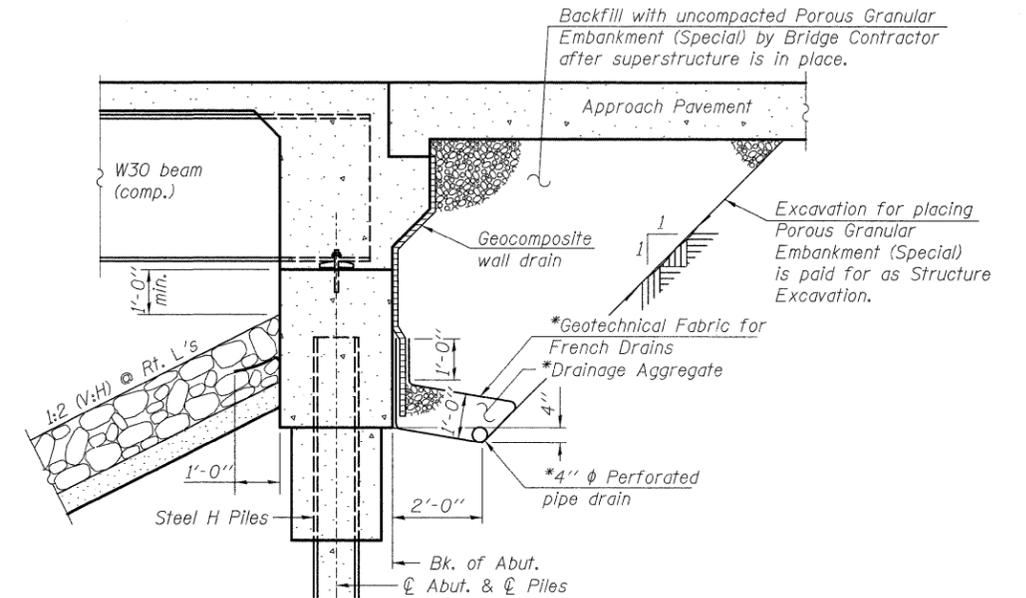
Slipforming of the parapet is not allowed.

The Contractor is advised that the existing PPC Deck Beams are in a deteriorated condition with reduced load carrying capacity. It is the Contractor's responsibility to account for the condition of the beams when developing construction procedures for removal and replacement of the superstructure.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Structure Excavation	Cu. Yd.	-	270	270
Concrete Structures	Cu. Yd.	-	45.0	45.0
Concrete Superstructure	Cu. Yd.	96.2	-	96.2
** Bridge Deck Grooving	Sq. Yd.	436	-	436
Concrete Encasement	Cu. Yd.	-	4.2	4.2
Reinforcement Bars, Epoxy Coated	Pound	19660	8340	28000
Furnishing and Erecting Structural Steel	Lump Sum	1	-	1
** Protective Coat	Sq. Yd.	530	-	530
Stud Shear Connectors	Each	1026	-	1026
Name Plates	Each	1	-	1
Furnishing Steel Piles HP12x63	Foot	-	354	354
Driving Piles	Foot	-	354	354
Pile Shoes	Each	-	12	12
Stone Riprap, Class A3	Sq. Yd.	-	10	10
Stone Riprap, Class A5	Sq. Yd.	-	696	696
Removal of Existing Structures	Each	1	-	1
Bar Splicers	Each	285	32	317
Pipe Underdrains for Structures, 4"	Foot	-	157	157
Porous Granular Embankment (Special)	Cu. Yd.	-	169	169
Temporary Soil Retention System	Sq. Ft.	-	515	515
Floor Drains	Each	4	-	4
Filter Fabric	Sq. Yd.	-	706	706
Geocomposite Wall Drain	Sq. Yd.	-	87	87
Anchor Bolts, 1"	Each	-	24	24

** Quantity includes approach pavement.



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).

STATION 76+80.00
BUILT 20 BY
STATE OF ILLINOIS
F.A.P. RT. 885 SEC. 5B-1
LOADING HL-93
STR NO. 035-0015

NAME PLATE
See Std. 515001

GENERAL NOTES
& DETAILS
IL 34/146 OVER
THREE MILE CREEK
STATION 76+80.00

	SHEET NO. 2	F.A.P. RTE. 885	SECTION 5B-1	COUNTY Hardin	TOTAL SHEETS 48	SHEET NO. 15
	18 SHEETS	S.N. 035-0015		CONTRACT NO. 98949		
<small>Designed By: ESH Date: 8/2008</small>	<small>Checked By: MTH File: 035-0015.dgn</small>	<small>Drawn By: ESH</small>	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			