GENERAL NOTES

Fasteners shall be ASTM A325 Type 1, mechanically galvanized bolts in painted areas and ASTM A325 Type 3 in unpainted areas. Bolts $\frac{7}{8}$ in. ϕ, holes $\frac{15}{16}$ in. ϕ, unless otherwise noted.

Calculated weight of Structural Steel = 75,330 lbs. (M270 Grade 50W)

All structural steel shall be AASHTO M 270 Grade 50W.

No field welding is permitted except as specified in the contract documents.

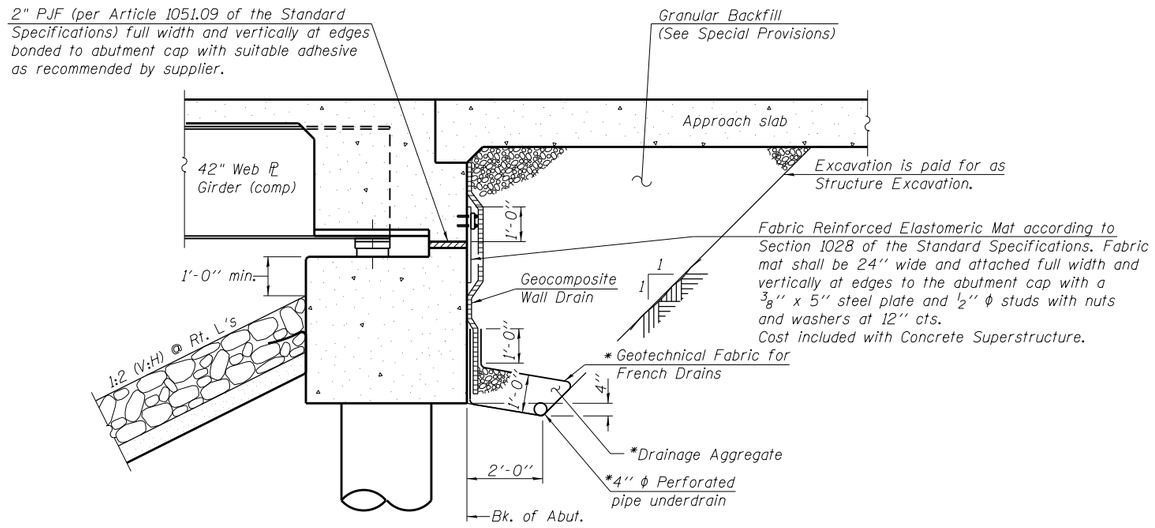
Reinforcement bars designated (E) shall be epoxy coated.

Structural steel shall only be painted for a distance equal to the depth of embedment into the concrete cap plus 18 inches. Painted areas shall be primed in the shop with a Department approved zinc rich primer. Field painting will not be required.

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

The concrete for bridge decks finished according to Article 503.16(a) of the Standard Specifications shall be placed and compacted parallel to the skew in uniform increments along centerline of bridge. The machine used for finishing shall be set parallel to the skew for striking off and screeding the concrete.

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.



SECTION THRU SEMI-INTEGRAL ABUTMENT

(Horiz. dim. @ Rt. L's)

*Included in the cost of Pipe Underdrains for Structures. (See Special Provisions)

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).

TOTAL BILL OF MATERIAL

	ITEM	UNIT	SUPER	SUB	TOTAL
**	Stone Riprap, Class A5	Sq. Yd.	-	232	232
**	Filter Fabric	Sq. Yd.	-	232	232
	Removal of Existing Structures	Each	-	1	1
	Structure Excavation	Cu. Yd.	-	354	354
	Concrete Structures	Cu. Yd.	-	114.0	114.0
	Concrete Superstructure	Cu. Yd.	316.6	-	316.6
	Bridge Deck Grooving	Sq. Yd.	553	-	553
	Protective Coat	Sq. Yd.	690	-	690
	Furnishing and Erecting Structural Steel	Lump Sum	1	-	1
	Stud Shear Connectors	Each	990	-	990
	Reinforcement Bars, Epoxy Coated	Pound	55410	24530	79940
	Bar Splicers	Each	355	82	437
	Name Plates	Each	1	-	1
	Elastomeric Bearing Assembly, Type I	Each	-	6	6
	Drilled Shaft in Soil	Cu. Yd.	-	15.4	15.4
	Drilled Shaft in Rock	Cu. Yd.	-	19.0	19.0
	Anchor Bolts, 1"	Each	-	24	24
	Geocomposite Wall Drain	Sq. Yd.	-	122	122
	Granular Backfill for Structures	Cu. Yd.	-	168	168
	Temporary Soil Retention System	Sq. Ft.	-	528	528
	Pipe Underdrains for Structures 4"	Foot	-	167	167
	Asbestos Bearing Pad Removal	Each	22	-	22

**Includes quantity within bridge limits. See Roadway plans for remaining quantity.

STATION 1721+25.00
BUILT 20 BY
STATE OF ILLINOIS
F.A.P. RT. 745 SEC. 108B-3
LOADING HL-93
STRUCTURE NO. 075-0511

NAME PLATE

See Std. 515001