

GENERAL NOTES

Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts in painted areas and M164 Type 3 in unpainted areas. Bolts $^{7}_{\rm B}$ in, ϕ , holes $^{15}_{\rm f6}$ in. ϕ , unless otherwise noted.

Calculated weight of Structural Steel M270 Grade 50W = 332,950 lbs. Calculated weight of Structural Steel - Misc. Items = 5040 lbs.

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

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 their designated elevations within a tolerance of l_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.

Structural steel shall only be painted for a distance equal to the depth of embedment into the concrete cap plus 3 inches. Those areas shall be primed in the shop with a Department approved zinc rich primer. No field painting shall be required. All structural steel shall be cleaned as specified in the Special Provision for "Surface Preparation and Painting Requirements for Weathering Steel".

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

The Contractor shall drive test piles to 110% of the nominal required bearing specified in production locations at substructures specified or approved by the Engineer before ordering the remainder of piles.

If a portion of the pier wall or concrete encasement is underwater, reinforcement may be placed underwater into forms. Concrete shall be tremied according to Article 503.08 of the Standard Specifications to an elevation of 1'-0" above the water line at the time of construction.

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.

If the Contractor's procedures for existing beam removal involves placement of heavy equipment on the existing deck beams, a detailed procedure shall be submitted to the Engineer for approval. The procedure shall include calculations, sealed by an Illinois Licensed Structural Engineer, verifying the structural adequacy of the beams for the proposed loads. Cost included with Removal of Existing Structures.

d Structure						
<u>10W - 3rd PM</u>						
GODFREY A						
\mathbb{R} \mathcal{A} \mathbb{R}^{4} <u>GENERAL PLAN AND ELEVATION</u>						<u>TION</u>
MCK	ELN. S		<u>ILLINOIS ROUTE 3 OVER</u>			
4	HICKORY HILL		<u>PIASA CREEK</u>			
			F.A.U. ROUTE 8956 SEC 59BR-1			
MADISON COUNTY						
ION	I SKE	ATION 638+	<u>11.00</u>			
STRUCTURE NO. 060-0343						
1	F.A.U. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
-	8956	59BR-1		MADISON		30
5	STRU	CTURE NO.	060-0343	CONTRACT	NO. 76	B18
	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					