GENERAL NOTES

Fasteners shall be ASTM A325 Type 1, mechanically galvanized bolts. Bolts $^{7}\!_{\partial}$ in. ϕ , holes $^{15}\!_{16}$ in. ϕ , unless otherwise noted.

Calculated weight of Structural Steel = 177,580 lbs. (Grade 50) 15.290 lbs. (Grade 36)

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

Reinforcement bars designated (E) shall be epoxy coated.

If the Contractor elects to use cantilever forming brackets on the exterior beams or girders, the brackets shall be placed at the same locations as required for the hardwood blocks in Article 503.06(b) of the Standard Specifications. If additional cantilever forming brackets are required, hardwood blocking shall be wedged between the exterior and first interior beam at each of these additional bracket locations.

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

Concrete Sealer shall be applied to the exposed surfaces of both piers.

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

The Organic Zinc Rich Primer / Epoxy / Urethane Paint System shall be used for painting of new structural steel except where otherwise noted. The entire system shall be shop applied, with the exception that the exterior surfaces and bottom of the bottom flange of the fascia beams, masked off connection surfaces, and field installed fasteners, all of which shall be touched up and finish coated in the field. 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 Reddish Brown, Munsell No. 2.5YR 3/4.

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

Slipforming of the parapets is not allowed.

The removal of existing concrete slope wall shall be paid for as Slope Wall Removal. The quantity shown extends midway between the adjacent structures. The Engineer may adjust the limits of removal in the field as needed to accommodate excavation of the proposed embankment between the bridges.



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

*Included in the cost of Pipe Underdrains for Structures 4".

Note:

All drainage system components shall extend to 2'-O'' 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).



REVISED -DESIGNED - VPT FILE NAME = USER NAME = baswanson GENERAL DAT 570252-70570-001-GPE.dgn STATE OF ILLINOIS REVISED -CHECKED - TF PLOT SCALE = DRAWN - JAE E N G I N G E R I N G I N C PLOT DATE = 10/2/2213 4:55:36 PM CHECKED - BAS STRUCTURE NO. 05 DEPARTMENT OF TRANSPORTATION REVISED -REVISED -SHEET NO. 2 OF 26 S

<u>TOTAL BILL OF MATERIAL</u>							
SUPER	SUB	TOTAL					
		1					
	649	649					
. 327		327					
	632	632					
	308.6	308.6					
476.7		476.7					
1303		1303					
1521		1521					
5985		5985					
117970	51150	169120					
910	262	1172					
	840	840					
	1422	1422					
	1422	1422					
	4	4					
	46	46					
		1					
14		14					
•	28	28					
	28	28 ·					
	3223	3223					
	88	88					
	142	142					
0.20		0.20					
1249		1249					
	171	171					
	330	330					
		171					

TOTAL OTLL OF HATEDIAL

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ТА	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57–0252	74	(57-20HB-1)8R-1	MCLEAN	440	183
		÷	CONTRACT	NO. 7	0570
SHEETS		ILLINGIS FED. AT	D PROJECT		