## GENERAL NOTES

- 1. Fasteners shall be AASHTO MI64 Type 1, mechanically galvanized bolts. Bolts  $^{7}_{8}$  in. dia., holes  $^{15}_{16}$  in. dia., unless otherwise noted.
- 2. Calculated weight of Structural Steel M270 Grade 36 = 23,507 lbs.
  Calculated weight of Structural Steel M270 Grade 50 = 219,931 lbs.
- 3. No field welding is permitted except as specified in the contract documents.
- 4. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60 (IL Modified). See Special Provisions.
- 5. Reinforcement bars designated (E) shall be epoxy coated.
- Bearing seat surfaces shall be constructed or adjusted to their designated elevations within a tolerance of <sup>1</sup>8 inch (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.
- 7. Concrete Sealer shall be applied to the designated areas of the Piers.
- 8. The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
- 9. 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 masked off connection surfaces, field installed fasteners and damaged areas shall be touched up 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 Blue, Munsell No. 10B 3/6. See Special Provision for "Cleaning and Painting New Metal Structures".
- 10. Slip forming of the Parapets and Median Barrier is not allowed.
- 11. See Electrical Plans for Bridge Underpass Lighting details.

## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 2
F.A.P. 308	*	ROCK ISLAND	210	177	27 SHEETS
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID 6	ROJECY-		

Contract #64814 \* 1(HB,HB-1,VB,HB-2)R

## TOTAL BILL OF MATERIAL

7,		_	Sub		
Item	Unit	Super	Piers	Abuts.	Total
Porous Granular Embankment, Special	Cu. Yd.			318	318
Removal of Existing Structures No. 1	Each	1			1
Protective Shield	Sq. Yd.	965			965
Structure Excavation	Cu. Yd.			138	138
Concrete Structures	Cu. Yd.		378.0	69.7	447.7
Rubbed Finish	Sq. Ft.		3,956		3,956
Concrete Superstructure	Cu. Yd.	345.3			345.3
Bridge Deck Grooving	Sq. Yd.	884			884
Concrete Encasement	Cu. Yd.			9.2	9.2
Protective Coat	Sq. Yd.	1,190			1,190
Furnishing and Erecting Structural Steel	L. Sum	0.4			0.4
Stud Shear Connectors	Each	3,471			3,471
Reinforcement Bars, Epoxy Coated	Pound	68,960	31,000	11,220	111,180
Bar Splicers	Each	488	122	20	630
Furnishing Steel Piles HP12x53	Foot			624	624
Driving Piles	Foot			624	624
Pile Shoes	Each			26	26
Name Plates	Each	1			1
Anchor Bolts, 1"	Each		52	52	104
Concrete Sealer	Sq. Ft.		4,422		4,422
Geocomposite Wall Drain	Sq. Yd.			136	136
Pipe Underdrains for Structures 4"	Foot			548*	548
Textured Slopewall	Sq. Yd.			602	602
Braced Excavation	Cu. Yd.		714		714
Drainage Scuppers, DS-11	Each	8			8
Temporary Soil Retention System	Sq. Ft.			124	124
Ornamental Railing	Foot	225			225
Drainage System	L. Sum	0.3			0.3

\*Quantity includes lengths for Slope Wall Drains

## INDEX OF SHEETS

SHEET NO.	<u>TITLE</u>					
1	GENERAL PLAN AND ELEVATION					
2	GENERAL NOTES, BILL OF MATERIAL AND INDEX OF SHEETS					
3	FOOTING LAYOUT					
4	STAGING DETAILS					
5	TOP OF SLAB ELEVATIONS 1					
6	TOP OF SLAB ELEVATIONS 2					
7	TOP OF APPROACH SLAB ELEVATIONS					
8	DECK PLAN					
9	INTEGRAL ABUTMENT DIAPHRAGM DETAILS					
10	MEDIAN BARRIER DETAILS					
11	PARAPET DETAILS					
12	ORNAMENTAL RAILING DETAILS					
13	DRAINAGE SCUPPER, DS-11					
14	CLOSED DRAINAGE SYSTEM					
<i>1</i> 5	FRAMING PLAN					
16	STEEL DETAILS 1					
17	STEEL DETAILS 2					
18	SOUTH ABUTMENT					
19	NORTH ABUTMENT					
20	PIER 1					
21	PIER 2					
22	STEEL PILE DETAILS					
23	BAR SPLICER ASSEMBLY DETAILS					
24	CANTILEVER FORMING BRACKETS					
25	TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION					
26	SOIL BORINGS 1					
27	SOIL BORINGS 2					

DESIGNED AMK

CHECKED CMM

DRAWN OS

CHECKED RWC

LOCHNER

H.W. LOCHNER, INC., CHICAGO, ILLINOIS

GENERAL NOTES, BILL OF MATERIAL &
INDEX OF SHEETS
IL ROUTE 92 (CENTENNIAL EXPRESSWAY)
OVER 7th AVENUE
FAP ROUTE 308 SEC. I(HB)R
ROCK ISLAND COUNTY
STATION 1514+22.56
STRUCTURE NO. 081-0170