GENERAL NOTES:

- 1. Fasteners shall be AASHTO M164 Type 1, hot dip galvanized bolts. Bolts $^{7}_{8}$ in. ϕ , holes $^{15}_{6}$ in. ϕ , unless otherwise noted.
- 2. Calculated weight of Structural Steel = 229,700 lb. (M270 Grade 50), 17,400 lb. (M270 Grade 36)
- 3. All new structural steel shall be metallized. See Special Provision for "Metallizing Structural Steel."
- 4. No field welding is permitted except as specified in the contract documents.
- 5. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60 (IL Modified). See Special Provisions.
- 6. Reinforcement bars designated (E) shall be epoxy coated,
- 7. Plan dimensions and details relative to existing plans are subject to routine variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished based upon the unit price bid for the work.
- 8. 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.
- Concrete Sealer shall be applied to the designated areas of the abutments and piers as follows: Abutments - all exposed surfaces, Piers - all exposed surfaces, except track side.
- 10. The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
- 11. Slip forming of parapets is not allowed.
- 12. Attachments to metallized members shall be properly insulated to prevent galvanic corrosion.

Back of Abutment D

Back of Abutment D

Tangent Extension Line
from Profile Grade Line

Q and Profile Grade Line
Frontage Road "B"

R=161.72'

FRONTAGE ROAD "B" OFFSET SKETCH

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Porous Granular Embankment, Special		-	845	845
Removal of Existing Superstructures		4.5	-	0.5
Concrete Removal		-	220	220
Protective Shield		1,080	-	1,080
Concrete Structures		-	400	400
Concrete Superstructure	Cu. Yd.	285	-	285
Bridge Deck Grooving	Sq. Yd.	820	***	820
Protective Coat	Sq. Yd.	1,050	-	1,050
Furnishing and Erecting Structural Steel	L. Sum	0.4	-	0.4
Stud Shear Connectors	Each	3,105	-	3,105
Reinforcement Bars, Epoxy Coated	Pound	72,320	17,000	89,320
Bar Splicers	Each	-	85	85
Name Plates	Each	-	1	1
Preformed Joint Strip Seal	Foot	88	-	88
Elastomeric Bearing Assembly, Type I	Each	13	-	13
Anchor Bolts, 14"	Each	8	-	8
Anchor Bolts, 1½"	Each	26	-	26
Concrete Sealer	Sq. Ft.	-	4,240	4,240
Epoxy Crack Injection	Foot	-	24	24
Geocomposite Wall Drain	Sq. Yd.	-	260	260
Pipe Underdrains for Structures, 8''	Foot	-	46	46
Pipe Underdrains for Structures, 12''	Foot	-	59	59
Braced Excavation	Cu. Yd.	-	960	960
Drainage Scuppers, DS-11	Each	2	-	2
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sg. Ft.	-	10	10
Drainage System	L. Sum	0.3	-	0,3

INDEX OF BRIDGE SHEETS

SB1 SB2 SB3	GENERAL PLAN AND ELEVATION GENERAL NOTES AND TOTAL BILL OF MATERIAL TOP OF SLAB ELEVATIONS I
SB4	TOP OF SLAB ELEVATIONS II
SB5	DECK PLAN AND CROSS SECTION
SB6	PARAPET DETAILS I
SB7	PARAPET DETAILS II
SB8	EXPANSION JOINT DETAILS
SB9	DRAINAGE SCUPPER, DS-11
SB10	FRAMING PLAN
SB11	STRUCTURAL STEEL DETAILS I
SB12	STRUCTURAL STEEL DETAILS II
SB13	ELASTOMERIC BEARING TYPE I AND FIXED BEARING
SB14	ABUTMENT REMOVALS
SB15	ABUTMENT C PLAN AND ELEVATION
SB16	ABUTMENT C SECTIONS
SB17	ABUTMENT D PLAN AND ELEVATION
SB18	ABUTMENT D SECTIONS
SB19	TEMPORARY SOIL RETENTION SYSTEM
SB20	PIER 3 AND 4 MODIFICATIONS
SB21	PIER 3 AND 4 REPAIRS
SB22	BAR SPLICER ASSEMBLY DETAILS
SB23	BRIDGE DRAINAGE SYSTEM
SB24	SOIL BORING LOGS

FILE NAME = 0161093-SB02.dgn

TJACOBS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND TOTAL BILL OF MATERIAL
F.A.P. 392 FRANKLIN CONNECTOR (AT I-55 FRONTAGE ROAD B)
STRUCTURE NO. 016-1093

STA. 85+60.68

SHEET NO. SB2 OF SB24 SHEETS

SCALE: NTS

F.A.P. SECTION COUNTY TOTAL SHEETS NO.

392 1717-2-3B-R COOK 114 80

CONTRACT NO. 62197

FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT