

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 57	*	WILL	303	156
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

Contract #62253

GENERAL NOTES

- Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts. Bolts $\frac{7}{8}$ in. ϕ , holes $\frac{15}{16}$ in. ϕ , unless otherwise noted.
- Calculated weight of Structural Steel = 397,720 lbs. M270 Gr. 50
40,200 lbs. M270 Gr. 36
- No field welding is permitted except as specified in the contract documents.
- Reinforcement bars designated (E) shall be epoxy coated.
- Load carrying components designated "NTR" shall conform to the Supplemental Requirements for Notch Toughness, Zone 2.
- Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60 (IL Modified). See Special Provisions
- Slope wall shall be reinforced with welded wire fabric, 6"x6"-W4.0xW4.0, weighing 58 lbs. per 100 sq. ft.
- The embankment configuration shown shall be the minimum embankment that must be constructed prior to construction of the abutments.
- The inorganic zinc rich primer/Acrylic/Acrylic Paint System shall be used for shop and field painting of new structural steel except where otherwise noted. 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 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."
- Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of $\frac{1}{8}$ inch. Adjustment shall be made either by grinding the surface or by shimming the bearing. Two $\frac{1}{8}$ " adjusting shims, of the dimensions of the bottom bearing plates, shall be provided for each bearing in addition to all other plates or shims.
- The Contractor shall drive 3 test piles in permanent locations: one at the West Abutment, one at the East Abutment, and the Pier as directed by the Engineer before ordering the remainder of piles. The test piles shall be driven to 110 percent of the nominal required bearing indicated in the pile data information.
- All Construction joints shall be bonded.
- The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
- Cable guardrail in median is to remain in place during construction. Should the contractor desire to remove the cable guardrail for access during construction, it shall be removed and replaced in kind as approved by the engineer. Cost included in Structure Excavation
- Slipforming of the parapets is not allowed.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Porous Granular Embankment (Special)	Cu. Yd.		308	308
Slopedwall 4 Inch	Sq. Yd.		797	797
Removal of Existing Structures	Each	1		1
Structure Excavation	Cu. Yd.		209	209
Floor Drains	Each	12		12
Concrete Structures	Cu. Yd.		153.0	153.0
Concrete Superstructure	Cu. Yd.	609.6		609.6
Protective Coat	Sq. Yd.	2,130		2,130
Furnishing and Erecting Structural Steel	L. Sum	1		1
Stud Shear Connectors	Each	6,864		6,864
Reinforcement Bars, Epoxy Coated	Pound	127,630	38,130	165,760
Furnishing Steel Piles HP10x42	Foot		4,823	4,823
Driving Piles	Foot		4,823	4,823
Test Pile Steel HP10x42	Each		3	3
Name Plates	Each	1		1
Geocomposite Wall Drain	Sq. Yd.		157	157
Pipe Underdrains for Structures 4"	Foot		206	206
Temporary Sheet Piling	Sq. Ft.		211	211
Bar Splicers	Each	1,985	64	2,049
Protective Shield	Sq. Yd.	510		510
Bridge Deck Grooving	Sq. Yd.	1,559		1,559
Aluminum Railing, Type L	Foot	202.8		202.8
Concrete Encasement	Cu. Yd.		8.0	8.0
Anchor Bolts, 1"	Each		44	44
Anchor Bolts, $\frac{1}{2}$ "	Each		22	22

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GENERAL NOTES & BILL OF MATERIAL

MANHATTAN-MONEE ROAD (CH-6)
OVER I-57
F.A. I-57 SEC. 99(1&2) R 3&9-
1HB-1-BR2
WILL COUNTY STA.14037+43.90
STRUCTURE NUMBER 099-4647



DESIGN FIRM REGISTRATION
No. 184-000450
1817 SOUTH NEIL STREET
SUITE 100
CHAMPAIGN, IL 61820
PHONE : 217.373.8900
FAX : 217.373.8923

NOTES: DIMENSIONAL DATA IS NOT TO BE OBTAINED BY SCALING ANY PORTION OF THIS DRAWING.

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APPROVED BY: SMM
ACTIVITY INITIALS

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