

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 2
*		Rock Island	112	55	19 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

*05-00174-00-BT

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 = 34,440 lb.

All structural steel shall be AASHTO M 270 Grade 50 (except expansion joints which shall be AASHTO M 270 Grade 36.)

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 (IL Modified). See Special Provisions

Reinforcement bars designated (E) shall be epoxy coated.

Concrete Sealer shall be applied to the designated areas of the Abutment & Pier Seats.

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 Reddish Brown. See Special Provision for "Cleaning and Painting New Metal Structures".

The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments. Coordination with the precast modular wall manufacturer may be required to avoid conflicts with the drilled shafts construction.

All cross frames or diaphragms between beams or girders shall be installed with erection pins and bolts in accordance with the erection plan approved by the Engineer. Individual cross frames or diaphragms at supports may be temporarily disconnected to install bearing anchor rods.

Load carrying components designated "NTR" shall conform to the Supplemental Requirements for Notch Toughness, Zone 2.

No heat curving of steel plate girders will be allowed.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structure Excavation	Cu. Yd.	57.4
Concrete Structures	Cu. Yd.	64.1
Concrete Superstructure	Cu. Yd.	18.6
Protective Coat	Sq. Yd.	89
Furnishing and Erecting Structural Steel	L. Sum	1.0
Stud Shear Connectors	Each	786
Reinforcement Bars, Epoxy Coated	Pound	30,190
Bicycle Railing, Special	Foot	140
Name Plates	Each	1
Drilled Shafts in Soil	Cu. Yd.	74.2
Preformed Joint Seal, 2 1/2"	Foot	11.0
Preformed Joint Strip Seal	Foot	11.0
Bridge Seat Sealer	Sq. Ft.	275
Pedestrian Truss Superstructure	Sq. Ft.	3,502
High Load Multi-Rotation Bearings, Guided Expansion, 75k	Each	2
High Load Multi-Rotation Bearings, Guided Expansion, 150k	Each	1

DESIGNED	LRT
CHECKED	JBF
DRAWN	RAP
CHECKED	JBF

GENERAL DATA SHEET

AUGUSTANA COLLEGE PEDESTRIAN BRIDGE
SECTION 05-00174-00-BT
PROJECT NO. HPP-4113-(001)
CITY OF ROCK ISLAND
ROCK ISLAND COUNTY