

GENERAL NOTES

Fasteners shall be AASHTO A325 Type 1, mechanically galvanized bolts. Bolts 7/8-in. ϕ , holes 15/16-in. ϕ , unless otherwise noted.

Calculated weight of Structural Steel = 119,791 pounds (Grade 50) and 22,624 pounds (Grade 36).

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

Reinforcement bars designated (E) shall be epoxy coated.

Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8 inch (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.

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 the exterior and bottom flange of the fascia beams shall be Blue, Munsell No. 10B 3/6.

Layout of slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.

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

The Contractor shall obtain a construction permit from the Illinois Department of Natural Resources (IDNR), Office of Water Resources for any temporary construction activity placed in the water except cofferdams. This shall include the placement of material for run-arounds, causeways, etc. Any permit application by the Contractor shall refer to the IDNR 3704 Floodway Construction permit number allowing permanent construction as shown in the contract plans.

Excavation behind existing abutment walls shall be performed to balance front and back soil pressure before removing the existing superstructure. The Contractor shall sawcut the upper portion of the existing abutment at the stage removal line before Stage I removal to ensure the remaining portion will not be prematurely damaged.

Due to the varying subsurface rock elevations within the project limits, it is recommended that the Contractor review the Soil Geotechnical Report and the existing plans. Both are available for examination by written request to the office of the District Engineer.

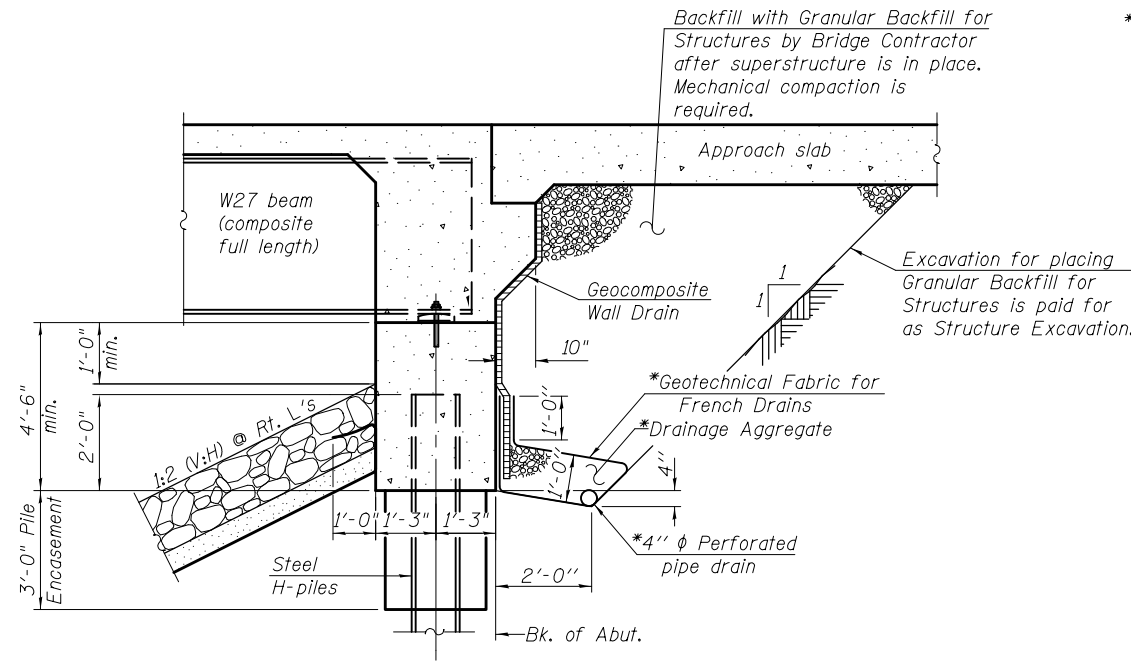
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TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Granular Backfill for Structures	Cu. Yd.		232	232
Stone Riprap, Class A5	Sq. Yd.		2,469	2,469
Filter Fabric	Sq. Yd.		2,469	2,469
* Removal Of Existing Structures No. 1	Each			1
* Removal Of Existing Structures No. 2	Each			1
Structure Excavation	Cu. Yd.		497	497
Floor Drains	Each	12		12
Concrete Structures	Cu. Yd.		367.2	367.2
Concrete Superstructure	Cu. Yd.	656.1		656.1
Bridge Deck Grooving	Sq. Yd.	1,608		1,608
Concrete Encasement	Cu. Yd.		8.4	8.4
Protective Coat	Sq. Yd.	1,924		1,924
Furnishing And Erecting Structural Steel	L Sum	1		1
Stud Shear Connectors	Each	8,028		8,028
Reinforcement Bars	Pound		15,230	15,230
Reinforcement Bars, Epoxy Coated	Pound	158,690	55,630	214,320
Bar Splicers	Each	1,546	556	2,102
Furnishing Steel Piles HP10x42	Foot		355	355
Driving Piles	Foot		355	355
Test Pile Steel HP10x42	Each		4	4
Pile Shoes	Each		24	24
Name Plates	Each	2		2
Drilled Shaft In Soil	Cu. Yd.		20	20
Drilled Shaft In Rock	Cu. Yd.		26	26
Anchor Bolts, 1"	Each		96	96
Geocomposite Wall Drain	Sq. Yd.		196	196
Pipe Underdrains For Structures 4"	Foot		344	344
Temporary Soil Retention System	Sq. Ft.		2,709	2,709

*Removal of existing retaining wall between structures to be included in Removal of Existing Structures No. 1 & No. 2



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

*Included in the cost of Pipe Underdrains for Structures.

Note:
All drainage system components shall extend to 2'-0" 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).

STATION 280+11.44
BUILT 20__ BY
STATE OF ILLINOIS
F.A.I. RT. 74/280
SEC. 81-3BR
LOADING HL-93
STRUCTURE NO. 081-0194

NAME PLATE
See Std. 515001
(Eastbound)

STATION 280+11.44
BUILT 20__ BY
STATE OF ILLINOIS
F.A.I. RT. 74/280
SEC. 81-3BR
LOADING HL-93
STRUCTURE NO. 081-0195

NAME PLATE
See Std. 515001
(Westbound)

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DESIGNED - MAS	REVISED -
CHECKED - BJM	REVISED -
DRAWN - MWS	REVISED -
CHECKED - BJM	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL DATA
STRUCTURE NO. 081-0194 (E.B.) & NO. 081-0195 (W.B.)**

SHEET NO. 2 OF 38 SHEETS

F.A.I. RTE. 74/280	SECTION 81-3BR	COUNTY ROCK ISLAND	TOTAL SHEETS 290	SHEET NO. 165
CONTRACT NO. 64D23				
ILLINOIS FED. AID PROJECT				