

GENERAL NOTES

Fasteners shall be ASTM A325 Type 1, mechanically galvanized bolts in painted areas and ASTM A325 Type 3 in unpainted areas. Bolts 3/4 in. φ, holes 7/8 in. φ, unless otherwise noted.

Calculated weight of Structural Steel = 71420 lbs.

All structural steel shall be AASHTO M 270 Grade 50W

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

Reinforcement bars designated (E) shall be epoxy coated.

Plan dimensions and details relative to existing plans are subject to nominal construction 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 at the unit price bid for the work.

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

Structural steel shall only be painted for a distance equal to the depth of embedment into the concrete cap plus 3 inches. Painted areas shall be primed in the shop with a Department approved zinc rich primer. Field painting will not be required.

Current load posting of 10 tons axle and 40 tons gross to remain in effect with visible signs during construction.

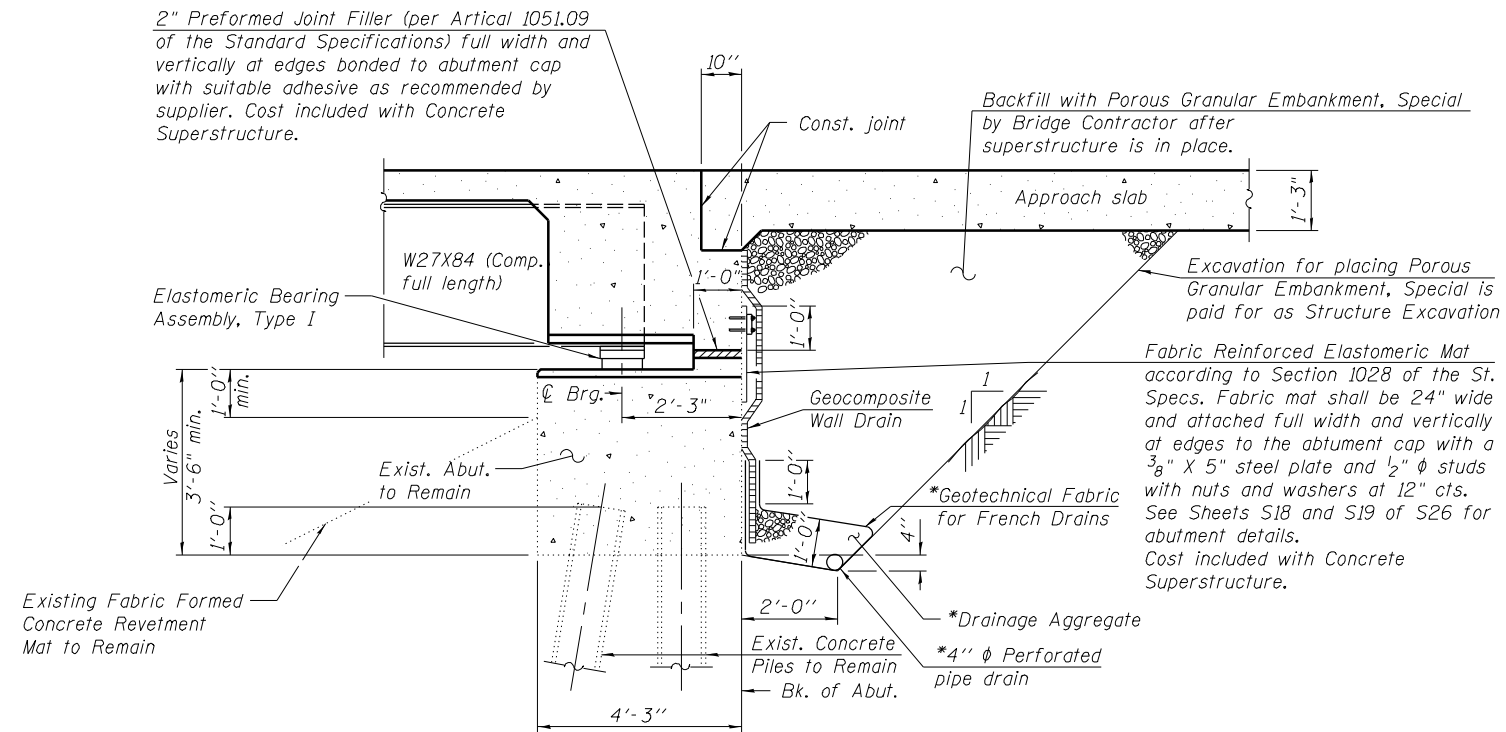
Portions of the revetment mat adjacent to the abutments were removed and deposited at the waterline near the piers during the installation of the Temporary Steel Bracing in 2011. Debris Removal is the removal and disposal of this material as specified in the Special Provisions.

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TOTAL BILL OF MATERIAL

| ITEM | UNIT | SUPER | SUB | TOTAL |
|--|---------|-------|------|-------|
| Stone Riprap, Class A5 | Ton | | 88 | 88 |
| Filter Fabric | Sq. Yd. | | 56 | 56 |
| Fabric Formed Concrete Revetment Mat | Sq. Yd. | | 28 | 28 |
| Removal of Existing Superstructures | Each | 1 | | 1 |
| Concrete Removal | Cu. Yd. | | 27.2 | 27.2 |
| Structure Excavation | Cu. Yd. | | 96 | 96 |
| Concrete Structures | Cu. Yd. | | 40.4 | 40.4 |
| Concrete Superstructure | Cu. Yd. | 275.9 | | 275.9 |
| Bridge Deck Grooving | Sq. Yd. | 628 | | 628 |
| Protective Coat | Sq. Yd. | 837 | | 837 |
| Furnishing And Erecting Structural Steel | L. Sum | 1 | | 1 |
| Stud Shear Connectors | Each | 3276 | | 3276 |
| Reinforcement Bars, Epoxy Coated | Pound | 64490 | 5350 | 69840 |
| Bar Splicers | Each | 620 | 90 | 710 |
| Name Plates | Each | 1 | | 1 |
| Elastomeric Bearing Assembly, Type I | Each | | 12 | 12 |
| Anchor Bolts, 3/4" | Each | | 24 | 24 |
| Anchor Bolts, 1" | Each | | 24 | 24 |
| Geocomposite Wall Drain | Sq. Yd. | | 56 | 56 |
| Polymer Modified Portland Cement Mortar | Sq. Ft. | | 1 | 1 |
| Porous Granular Embankment, Special | Cu. Yd. | | 99 | 99 |
| Asbestos Bearing Pad Removal | Each | | 36 | 36 |
| Structural Repair of Concrete (Depth Equal To Or Less Than 5 Inches) | Sq. Ft. | | 636 | 636 |
| Structural Repair of Concrete (Depth Greater Than 5 Inches) | Sq. Ft. | | 51 | 51 |
| Debris Removal | L. Sum | | 1 | 1 |
| Temporary Sheet Piling | Sq. Ft. | | 296 | 296 |
| Pipe Underdrains for Structures 4" | Foot | | 88 | 88 |

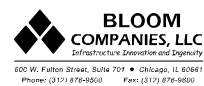


Note:
All drainage system components shall extend between the existing wingwalls except an outlet pipe shall extend until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 60110).

*Included in cost of Pipe Underdrains For Structures 4"

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

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| | | |
|-----------------------|---------------------|---------|
| USER NAME = bmattas | DESIGNED - BCM | REVISED |
| | CHECKED - KO | REVISED |
| PLOT SCALE = N/A | DRAWN - BCM | REVISED |
| PLOT DATE = 9/11/2014 | CHECKED - 7/27/2012 | REVISED |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES, INDEX OF SHEETS, & TOTAL BILL OF MATERIALS
STRUCTURE NO. 006-0140**

SHEET NO. S2 OF S26 SHEETS

| | | | | |
|---------------------------|------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 613 | (8D-BR) BR | BUREAU | 63 | 24 |
| CONTRACT NO. 66A17 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |