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| | |

<u>GENERAL NOTES</u>

| Except as otherwise noted, fasteners shall be ASTM A325 Type 1, mechanically galvanized bolts Bolts 7_8 -in. ϕ , holes $^{15}_{16}$ -in. ϕ , unless otherwise noted. |
|--|
| Calculated weight of Structual Steel: AASHTO M 270 Grade 50 = 144,340 lbs. |
| No field welding is permitted except as specified in the contract documents. |
| Reinforcement bars designated (E) shall be epoxy coated. |
| If the Contractor elects to use cantilever forming brackets on the exterior beams or girders, the brackets shall be placed at the same locations as required for the hardwood blocks in Article 503.06(b) of the Standard Specifications. If additional cantilever forming brackets are required, hardwood blocking shall be wedged between the exterior and first interior beam at each of these additional bracket locations. |
| 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. |
| Concrete Sealer shall be applied to the designated areas of the abutment. |
| 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 of the exterior surface and the bottom of the bottom flange of fascia beams, 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, Munsell No. 2.5YR 3/4. |
| The Contractor shall retain the services of an engineering firm, pre qualified in the IDOT consultant selection category of Highway Bridges (Advanced Typical), for preparation of the Structural Assessment Report(s). Contractor's pre approval shall not be applicable for this project. See Special Provision. |
| Current Ratings on File for Existing Structure Inventory: HS 9.5 Operating: HS 15.8 Live Load Restrictions: No |
| Inventory and Operating Ratings and Live Load Restrictions are provided for information only. Inventory and Operating Ratings are based on HS loading |

information only. Inventory and Operating Ratings are based on HS loading and configuration. Live Load Restrictions are based on Illinois legal loads and configurations. The Ratings and Live Load Restrictions are not necessarily representative of capacities to support the Contractor's equipment.

Slipforming of the parapets is not allowed.

| | USER NAME = | DESIGNED - AMS | REVISED | STATE OF ILLINOIS | GENERAL NOTES, SHEET INDEX AND TOTAL BILL OF MATERIAL | | SECTION | COUNTY TO | OTAL SHEET HEETS NO. |
|--|---|----------------|---------|------------------------------|---|------|-----------------|------------|-------------------------|
| COLLINS Suite 900 Chicago, 11. 60606 Chicago, 11. 60606 | DLLINS Softward CHECKED - L GINEERS 21 Your - 3322 704 - 3323 PLOT SCALE = DRAWN - D PHOPESSIONAL DESIGN FIRM LICENSE NO. 184-000913 PLOT DATE = CHECKED - JU | CHECKED - LDB | REVISED | | STRUCTURE NO. 016–1323 | 0383 | 0303-474HB-R | соок з | 368 243 |
| ENGINEERS2 Fox (312) 704-9300 FOX (312) 704-9300 ILLINDIS PROFESSIONEL DESIGN FIRM LICENSE NO. 104-00099 | | DRAWN - DR | REVISED | DEPARTMENT OF TRANSPORTATION | | | | CONTRACT N | 10. 60F63 |
| | | CHECKED - JMH | REVISED | | SHEET NO. SR2 OF SR41 SHEETS | | ILLINOIS FED. A | ND PROJECT | |

| ITEM | UNIT | SUPER | SUB | TOTAL |
|--|---------|--------|--------|---------|
| Removal and Disposal of Unsuitable Material | Cu. Yd. | | 10254 | 1.025.4 |
| for Structures | | | | |
| Concrete Structures | Cu. Yd. | | 108 | 108 |
| Concrete Superstructure | Cu. Yd. | 397.6 | | 397.6 |
| Bridge Deck Grooving | Sq. Yd. | 576 | | 576 |
| Protective Coat | Sq. Yd. | 1435 | | 1435 |
| Furnishing and Erecting Structural Steel | L. Sum | 0.19 | | 0.19 |
| Stud Shear Connectors | Each | 2,853 | | 2,853 |
| Reinforcement Bars | Pound | | 14,370 | 14,370 |
| Reinforcement Bars, Epoxy Coated | Pound | 77,230 | 41,420 | 118,650 |
| Bar Splicers | Each | 438 | 213 | 651 |
| Mechanical Splicers | Each | 276 | | 276 |
| Name Plates | Each | 1 | | 1 |
| Permanent Casing | Foot | | 755 | 755 |
| Drilled Shaft in Soil | Cu. Yd. | | 126.2 | 126.2 |
| Preformed Joint Strip Seal | Foot | 101.0 | | 101.0 |
| Anchor Bolts, 1" | Each | 56 | | 56 |
| Concrete Sealer | Sq. Ft. | | 1,030 | 1,030 |
| Drainage Scuppers, DS-12 | Each | 1 | | 1 |
| Drainage System | L. Sum | 0.5 | | 0.5 |
| Mechanically Stabilized Earth Retaining Wall | Sq. Ft. | | 9,896 | 9,896 |
| Temporary Mechanically Stabilized | C | | 4 777 | 4 777 |
| Earth Retaining Wall | Sq. Ft. | | 4,377 | 4,377 |
| Aggregate Column Ground Improvement | L. Sum | | 0.77 | 0.77 |
| High Load Multi-Rotational Bearings, | Fach | 7 | | 7 |
| Guided Expansion, 200 kips | | / | | / |
| High Load Multi-Rotational Bearings, | Each | 7 | | 7 |
| Fixed, 150 kips | | | | / |