

GENERAL NOTES

Field welding of construction accessories will not be permitted to beams.

Reinforcement bars shall conform to the requirements of AASHTO M31 or M322 Grade 60.

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

Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be the cause for additional compensation for a change in the scope of work, however, the Contractor will be paid for the quantity actually furnished at the unit price for the work.

Prior to pouring the new concrete deck, all loose rust, loose mill scale, and other loose potentially detrimental foreign material shall be removed from the surfaces of the beams in contact with the concrete. The cost of this work will be included in the pay item covering the removal of the existing concrete. All heavy rust and other tightly adhered potentially detrimental foreign matter shall also be removed from the surfaces of the beams in contact with the concrete. Tightly adhered paint may remain unless otherwise noted. This removal shall be accomplished by methods that will not damage the steel. The cost of this work will be paid for according to Article 109.04.

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

Cleaning and painting of the existing structural steel shall be as specified in the special provision for "Cleaning and Painting Existing Steel Structures". The last 2 feet of Beam 5 (measured along the beam from the face of the concrete diaphragm) at the south abutment shall be cleaned per Near White Blast Cleaning - SSPC-SP10.

The designated areas cleaned per Near White Blast Cleaning - SSPC-SP10 shall be painted according to the requirements of Paint System 1 - OZ/E/U. The color of the final finish coat for all steel surfaces shall be Gray, Munsell No. 5B 7/1.

The SSPC-QP1 and SSPC-QP2 Painting Contractor Certifications will not be required for this bridge.

All construction joints shall be bonded.

Saw cutting directly over the top of beam flanges will be permitted if the following conditions are met: The maximum saw cut depth allowed directly over a flange shall be to the bottom of the top mat of reinforcing steel but shall not exceed 3 1/2". The Contractor shall provide positive control for controlling the depth of the cut into the slab. The Contractor shall provide sawing equipment adequate in size and horsepower to complete the sawing operation.

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|-----------------------|----------------|------------------|--------------|-----------|-------------|
| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | SHEET NO. 2 |
| FAU 8996 | 05-00221-00-BR | MADISON | 20 | 10 | 12 SHEETS |
| FED. ROAD DIST. NO. 7 | BALDWIN | FED. AID PROJECT | | | |

Contract No. 97281

TOTAL BILL OF MATERIAL

| Item | Unit | Super | Substr | Total |
|--|---------|--------|--------|--------|
| Stone Riprap, Class A4 | Sq. Yd. | --- | 482 | 482 |
| Filter Fabric | Sq. Yd. | --- | 482 | 482 |
| Concrete Removal | Cu. Yd. | 3.4 | --- | 3.4 |
| Bridge Rail Removal | Foot | 73 | --- | 73 |
| Removal of Existing Concrete Deck | Each | 1 | --- | 1 |
| Floor Drains | Each | 6 | --- | 6 |
| Concrete Superstructure | Cu. Yd. | 93.1 | --- | 93.1 |
| Bridge Deck Grooving | Sq. Yd. | 247 | --- | 247 |
| Protective Coat | Sq. Yd. | 341 | --- | 341 |
| Stud Shear Connectors | Each | 1,377 | --- | 1,377 |
| Cleaning And Painting Steel Bridge | L. Sum | 1 | --- | 1 |
| Containment And Disposal of Lead Paint Cleaning Residues | L. Sum | 1 | --- | 1 |
| Reinforcement Bars, Epoxy Coated | Pound | 19,260 | --- | 19,260 |
| Aluminum Railing, Type L | Foot | 88 | --- | 88 |
| Name Plates | Each | 1 | --- | 1 |
| Bar Spllicers | Each | 139 | --- | 139 |

GENERAL NOTES, DETAILS, &
TOTAL BILL OF MATERIALS
HUMBERT ROAD OVER
BLACK CREEK
SECTION 05-00221-00-BR
CITY OF ALTON
STA. 278+31.50
STRUCTURE NO. 060-3023