

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 2 27 SHEETS
F.A.P. 301	1-HBR-2	WINNEBAGO	57	21	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

Contract #64D50

GENERAL NOTES

- * 1. Fasteners shall be AASHTO M164 Type 1, Mechanically Galvanized Bolts. Bolts 7/8in. dia. open holes 15/16in. dia. unless otherwise noted.
- * 2. Calculated weight of Structural Steel
= 150,730 lb. (AASHTO M 270 Grade 50)
= 13,750 lb. (AASHTO M 270 Grade 36)
- 3. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provision.
- 4. Slope wall shall be reinforced with welded wire fabric, 6" x 6" - W4.0 x W4.0, weighing 58 lbs. per 100 sq. ft.
- 5. Reinforcement bars designated (E) shall be epoxy coated.
- 6. No field welding is permitted except as specified in the contract documents.
- 7. 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.
- 8. Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8in. (0.01 ft.) adjustment shall be made either by grinding the surface or by shimming the bearings.
- 9. Concrete Sealer shall be applied to the exposed surfaces of the abutment backwalls, bridge seats, and front faces of new abutment caps.
- 10. The existing Structural Steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
- 11. 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 Colors for fascias: Blue, Munsell No. 10B 3/. See Special Provisions for "Cleaning and Painting New Metal Structures".
- 12. All cross frames or diaphragms shall be installed as Steel is erected and secured with erection pins and bolts except as otherwise noted. Individual cross frames or diaphragms at supports may be temporary disconnected to install bearing anchor rods.
- * 13. Load carrying components designated "NTR" conform to the Supplemental Requirments for Notch Toughness, Zone 2.
- 14. Existing reinforcement shall be cleaned and incorporated into the new construction. Cost included with Concrete Removal.
- 15. The SSPC QP-1 painting contractor certifications will be required for this bridge.

* For information only

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Superstructures	Each	1	-	1
Structure Excavation	Cu. Yd.	-	157	157
Concrete Structures	Cu. Yd.	-	64.6	64.6
Concrete Superstructure	Cu. Yd.	246.0	-	246.0
Concrete Removal	Cu. Yd.	-	31.2	31.2
Bridge Deck Grooving	Sq. Yd.	690	-	690
Protective Coat	Sq. Yd.	926	-	926
Erecting Elastomeric Bearing Assembly, Type I	Each	12	-	12
Erecting Elastomeric Bearing Assembly, Type II	Each	12	-	12
Erecting Structural Steel	L. Sum	1	-	1
Stud Shear Connectors	Each	4,860	-	4,860
Reinforcement Bars, Epoxy Coated	Pound	62,750	9,230	71,980
Slope Wall 4 inch	Sq. Yd.	-	421	421
Name Plates	Each	2	-	2
Porous Granular Embankment, Special	Cu. Yd.	-	130	130
Pipe Underdrains for Structures, 4"	Foot	-	156	156
Geocomposite Wall Drain	Sq. Yd.	-	59	59
Preformed Joint Strip Seal	Foot	71	-	71
Concrete Sealer	Sq. Ft.	-	507	507
Anchor Bolts, 1"	Each	-	36	36
Anchor Bolts, 1/2"	Each	-	24	24
Slope Wall Removal	Sq. Yd.	-	365	365
Drainage Scuppers, DS-II	Each	2	-	2
Bar Splicers	Each	68	-	68
Protective Shield	Sq. Yd.	458	-	458

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ERECTING STRUCTURAL STEEL AND ELASTOMETIC BEARINGS

Description: This work shall be performed in accordance with the requirements of Sections 505 and 521 of the Standard Specifications and as specified below.

Delivery of Structural Steel and Elastomeric Bearings: It is anticipated that the delivery of the structural steel and elastomeric bearings will be required on July 12, 2010. This date is the scheduled delivery date. The Engineer will confirm this date.

The Erection Contractor will provide the Fabrication Contractor with a working schedule for shipping the structural steel to the jobsite, within 30 calendar days after the execution of the erections contract. The Erection Contractor will notify the Fabrication Contractor of any changes in the scheduled delivery date(s) a minimum of three calendar weeks in advance of his/her steel erection date for each bridge. If necessary, the Erection Contractor will be allowed up to and including the Fabrication Contractors contract completion date to make such changes. Any changes to the working or shipping schedule requested by either Contractor after the Fabrication Contractor's completion date shall require the Engineer's written approval and shall be agreed upon in writing by both Contractors. No additional compensation shall be allowed nor will an extension of time be considered because of the above requirements.

Storage of Structural Steel and Elastomeric Bearings: The Erection Contractor will be responsible for receiving, unloading, storing and protecting all fabricated materials from the time of delivery, as required by Article 505.09 of the Standard Specifications.

The Fabrication Contractor shall provide two (2) approved copies and one (1) reproducible copy of all fabrication shop drawings to the Erection Contractor for use during erection of the structural steel. Shop drawings shall include a field bolt list and location of the field bolts required.

NOTE:
Furnishing Structural Steel and Furnishing Elastomeric Bearing Assembly, Type I and Type II are not included in this contract.

DESIGNED	GUN / QAO
CHECKED	FCO
DRAWN	TCS / GUN
CHECKED	FCO

GENERAL NOTES, INDEX OF SHEETS
AND BILL OF MATERIAL
MERIDIAN ROAD OVER US 20
F.A.P. 301 (US 20) - SEC. 1-HBR-2
WINNEBAGO COUNTY
STATION 100+00
STRUCTURE NO. 101-0096

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