

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1-80	106-4HB-11D	BUREAU	32	9
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				

GENERAL NOTES

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

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

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 cause for additional compensation for a change in the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Prior to pouring the new concrete deck, all loose rust, loose mill scale, and other potentially detrimental foreign material shall be removed from the surfaces of the beams or girders in contact with concrete. The cost of this work will be included in the pay item covering removal of existing concrete. All heavy rust and other tightly adhered potentially detrimental foreign matter shall also be removed from the surfaces of the beams and girder in contact with 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. All existing construction accessories welded to the top flange over the piers between the quarter points of the beams or girders shall be removed. The remaining weld shall be ground smooth and inspected for cracks using magnetic particle testing. Any cracks that cannot be removed by grinding approximately 1/4-inch deep shall be identified and reported to the Bureau of Bridges and Structures for further disposition. 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.

All construction joints shall be bonded.

Removal and disposal or salvage of all existing bridge rails, guardrails, handrails, posts and connecting hardware will not be measured or paid for separately, but shall be considered as included in the bid price for "Removal of Existing Concrete Deck".

Field painting of structural steel shall be done under a separate painting contract.

The contractor shall test the welds at the end of the existing cover plates for cracks after removal of the existing concrete deck. Dye penetrant, magnetic particle testing, or other approved testing methods shall be performed by personnel approved by the Engineer. Any discovered cracks shall be reported to the Bureau of Bridges and Structures for further disposition. The cost of testing is included with "Removal of Existing Concrete Deck". Any necessary repairs will be paid for according to Article 109.04 of the standard specifications.

TOTAL BILL OF MATERIAL

ITEMS	UNITS	SUPER-STRUCTURE	SUB-STRUCTURE	TOTAL
Porous Granular Embankment	CU YD	---	44	44
Stone Riprap, Class A4	SQ YD	---	67	67
Filter Fabric	SQ YD	---	67	67
Concrete Removal	CU YD	---	2.6	2.6
Removal of Existing Concrete Deck	EACH	1	---	1
Structure Excavation	CU YD	---	54	54
Concrete Structures	CU YD	---	16	16
Concrete Superstructure	CU YD	286	---	286
Bridge Deck Grooving	SQ YD	807	---	807
Protective Coat	SQ YD	1,139	---	1,139
Stud Shear Connectors	EACH	3,990	---	3,990
Reinforcement Bars, Epoxy Coated	LB	73,800	1,360	75,160
Name Plates	EACH	---	2	2
Drainage Scuppers, DS-II	EACH	4	---	4
Protective Shield	SQ YD	379	---	379

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DESIGNED	D.F.W.
CHECKED	J.A.Z.
DRAWN	B.S.S.
CHECKED	D.F.W.

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GENERAL NOTES & TOTAL
 BILL OF MATERIAL
 BACKBONE ROAD OVER I-80
 F.A.I. ROUTE 80
 SECTION (06-4HB-11D)
 BUREAU COUNTY
 STATION 2289+07.63 (F.A.I. 80)
 S.N. 006-0116
 DATE: 2/07/06
 GRAEF, ANHALT, SCHLOEMER & ASSOCIATES INC
 CHICAGO ILLINOIS