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	ROUTE NO.	SECTION	COUNTY		TOTAL SHEETS	SHEET NO.	SHEET NO. 1	
	S.B.I. F.A. 5	19B-2-D	STEPH	ENSON	57	17	23 SHEETS	
	FED. ROAD DIST. NO. 7		ILLINOIS	FED. ALD PROJECT-				
6	FNFF	B.I. A. 5 19B-2-D STEPHENSON 57 17 23 SHEETS						

Fasteners shall be high strength bolts. Bolts $\frac{3}{4}$ ϕ open holes $\frac{7}{8}$ ϕ unless

Field welding of construction accessories will not be permitted to beams or girders. Reinforcement bars shall conform to the requirements of AASHTO M-31, Or

Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to normal 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 loose 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 Sta. 56+57.21 from the surfaces of the beams or girders 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

All existing construction accessories welded to the top flange over the pier(s) 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 can not be removed by grinding approximately I_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 All new structural steel shall be shop painted with the inorganic zinc rich primer

Painting of structural steel will be done under a separate painting contract. The existing structural steel coating contains lead. The Contractor should take appropriate precautions to deal with the presence of lead on this project.

All construction joints shall be bonded.

Cost of removing existing bridge rail is included with "Removal of Existing Concrete

TOTAL BILL OF MATERIAL

ITEM	!//WIT	SUPER	SUB	TOTAL
Removal of Existing Concrete Deck	Each	1		1
Concrete Removal	Cu. Yd.		27.5	27.5
Structure excavation	Cu. Yd.		100.3	100.3
Floor Drains	Each	16		100.5
Concrete Superstructure	Cu. Yd.	397.7		397.7
Protective Coat	Sq. Yd.	1 393		1 393
Elastomeric Bearing Assembly Type I	Each	24		24
Concrete Structures	Cu. Yd.		11.7	11.7
Stud Shear Connectors	Each	4 896		4 896
Reinforcement Bars, Epoxy Coated	Pound	81 978	2 226	84 204
Temporary Sheet Piling	Sq. Ft.		581	581
Bar Splicers	Each	673		67.3
Name Plates	Each	1		1
Bridge Deck Grooving	Sq. Yd.	1 205		1 205
Jack and Remove Existing Bearings	Each	24		24
Formed Concrete Repair Depth > 5"	Sq. Ft.		28.3	28.3
Furnishing and Erecting Structural Steel	Pound	4 448		4 448
Porous Granular Embankment	Cu. Yd.		272.5	272.5
			-12.5	<u> </u>

GENERAL PLAN U.S. 20 B.R. OVER YELLOW CREEK F.A. RT. 5 SEC. 19B-2-D STEPHENSON COUNTY STATION 56+25.00 STRUCTURE NUMBER 089-0008

