

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 3 15 SHEETS
F.A.P. 17	6000 M-1	CARROLL	20	8	
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT		

GENERAL NOTES

- No field welding is permitted except as specified in the contract documents.
- Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60 (IL Modified). See Special Provisions.
- Reinforcement bars designated (E) shall be epoxy coated.
- Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.

As directed by the Engineer, existing construction accessories welded to the top flange of beams and girders shall be removed. The weld areas shall be ground flush and inspected for cracks using magnetic particle testing (MT) or dye penetrant testing (PT) by an individual acceptable to the Engineer. Any cracks that cannot be removed by grinding 1/4 inch deep shall be identified and reported to the Bureau of Bridges and Structures for further disposition. The cost of removing welded accessories, grinding and inspecting weld areas, and grinding cracks will be paid for according to Article 109.04 of the Standard Specifications.
- Plan dimensions and details relative to existing plans are subject to routine 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 based upon the unit price bid for the work.
- Concrete Sealer shall be applied to the designated areas of the horizontal bearing seats of substructure elements. See Schedule, Sht. 12 of 15.
- The existing structural steel coating may contain lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
- Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.
- The structural steel plates of the Bearing Assembly shall conform to the requirements of AASHTO M 270 Grade 50.

ENVIRONMENTAL COMMITMENTS

- No in-stream repair work or work from the ground in backwater areas will be permitted for this project. Except as noted herein, the Contractor shall conduct all work over the river or its backwater areas from atop the bridge or from a barge.

The Contractor may erect nets or temporarily anchor a barge beneath the bridge to catch falling material. The Contractor shall remove all catchment measures prior to completion of the project.
- The intentional or accidental deposition of debris or other material into the river or backwater areas will not be permitted. The Contractor shall catch all materials falling from the bridge or retrieve all such fallen materials.

The Contractor will be permitted to drive temporary piling in connection with the Jacking and Cribbing at Pile Bents 4, 8 and 12 to make concrete repairs to the existing piles. The Contractor shall remove all temporary piles prior to completion of the project.
- On the Illinois shore, the Contractor shall be permitted to make the repairs to Pier 5 and to the adjacent proposed riprap Slope wall from ground level provided that such work is not conducted in river flood waters and provided that it is conducted in accordance with the applicable requirements of the adjacent BNSF Railroad.
- No separate payment will be made for compliance with these Environmental Commitment requirements. The costs for compliance with these requirements shall be included in the bid prices for associated items of work.

TOTAL BILL OF MATERIAL

PAY CODE	ITEM	UNIT	QUANTITY
20400800	Furnished Excavation	Cu. Yd.	55
28100127	Stone Riprap, Class B4	Sq. Yd.	395
28200200	Filter Fabric	Sq. Yd.	395
50102400	Concrete Removal	Cu. Yd.	66.7
50157300	Protective Shield	Sq. Yd.	233
50300255	Concrete Superstructure	Cu. Yd.	66.7
50300300	Protective Coat	Sq. Yd.	213
50501005	Jack and Reposition Bearings	Each	1
50501105	Open Steel Floor	Sq. Ft.	16,619
	Repair of Existing Open Steel Floor Welds	Each	18
	Furnishing and Installing Fabric Bearings	Each	76
	Remove and Replace Nonshrink Grout Bearing Pedestals	Each	12
	Cleaning and Painting Steel Bridge	L Sum	1
50606400	Containment and Disposal of Lead Paint Cleaning Residues	L Sum	1
50800205	Reinforcement Bars, Epoxy Coated	Pound	9,980
52000110	Preformed Joint Strip Seal	Foot	396
52100520	Anchor Bolts, 1"	Each	1
58700300	Concrete Sealer	Sq. Ft.	1,539
59000200	Epoxy Crack Injection	Foot	211
67000400	Engineer's Field Office, Type A	Cal. Mo.	9
67100100	Mobilization	L Sum	1
70101700	Traffic Control And Protection	L Sum	1
X0325303	Structural Repair of Concrete (Depth Greater Than 5 Inches)	Sq. Ft.	266
X0325305	Structural Repair of Concrete (Depth Equal To Or Less Than 5 Inches)	Sq. Ft.	60
	Fiber Reinforcement Protection	Sq. Ft.	1,989
	Acrylic Coating	Sq. Yd.	221
Z0031200	Jacking and Cribbing	Each	4
Z0032300	Jacking Existing Superstructure	L Sum	1
Z0048665	Railroad Protective Liability Insurance	L Sum	1
	Removal Existing Bearings	Each	76

DESIGNED	PJL
CHECKED	LLV
DRAWN	MGM
CHECKED	PJL

**GENERAL NOTES &
TOTAL BILL OF MATERIAL
F.A.P. RTE. 17 (US 52/IL 64)
OVER MISSISSIPPI RIVER
SECTION 6000 M-1
CARROLL COUNTY (IL)
JACKSON COUNTY (IA)
STRUCTURE NO. 008-6000**

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