

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**GENERAL NOTES**

1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. 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 qualified personnel approved by 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.
4. 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.
5. Concrete Sealer shall be applied to the bridge deck, parapets, approach slabs, abutment seats and abutment backwalls. All surfaces to be sealed shall be cleaned thoroughly prior to sealer application. Cost included in Concrete Sealer.
6. The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
7. Stage construction shall be utilized to maintain traffic during construction.
8. Deck drains (downspouts, floor drains and scuppers) shall be cleaned with the bridge deck prior to application of the Concrete Sealer. Cost of cleaning the deck drains is included with Concrete Sealer.
9. Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other than 50°F.

**INDEX OF SHEETS**

- 1 General Plan and Elevation
- 2 General Notes, Bill of Material and Index of Sheets
- 3 Stage Construction Details
- 4 Bridge Deck and Approach Slab Repairs
- 5 Expansion Joint Repairs
- 6 Expansion Joint Details
- 7 Preformed Joint Strip Seal
- 8 Bar Splicer Assembly Details

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	SUPER	SUB	TOTAL
Bridge Approach Pavement Connector (PCC)	Sq. Yd.	187		187
Pavement Reinforcement II 1/4"	Sq. Yd.	187		187
Concrete Removal	Cu. Yd.	23.5		23.5
Protective Shield	Sq. Yd.	181		181
Concrete Superstructure	Cu. Yd.	23.5		23.5
Reinforcement Bars, Epoxy Coated	Pound	2,430		2,430
Bar Splicers	Each	22		22
Preformed Joint Strip Seal	Foot	144.0		144.0
Concrete Sealer	Sq. Ft.	24,536	790	25,326
Bridge Approach Pavement Removal	Sq. Yd.	187		187
Approach Slab Repair (Partial Depth)	Sq. Yd.	21.8		21.8
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	5.0		5.0
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	23.3		23.3
Deck Slab Repair (Partial)	Sq. Yd.	140.0		140.0
Cleaning and Painting Exposed Rebar (Special)	Sq. Ft.	67		67
Clean and Reseal Relief Joint	Foot	72.0		72.0

DESIGNED -	MFB
CHECKED -	KWS
DRAWN -	VH
CHECKED -	KWS

**benesch**

alfred benesch & company  
Engineers - Surveyors - Planners  
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SHEET NO. 2	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	290	(2727, ETC., 3131)RS-7	COOK	216	168
8 SHEETS	CONTRACT NO. 60G53				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

**GENERAL NOTES, BILL OF MATERIAL  
AND INDEX OF SHEETS  
STRUCTURE NO. 016-0095**

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