

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURAL 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. 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.
4. The existing bearings contain lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
5. Stage construction shall be utilized to maintain traffic during construction.
6. The Contractor shall exercise care during removal of existing joints to ensure that the slab, beams, and diaphragms' integrity will not be detrimentally impacted. The Contractor shall repair any damage(s) to the slab, beams, and diaphragms caused by his operation as directed by the Engineer at no additional cost to the Department.
7. Protective Coat shall be applied to the new Bridge Deck Latex Concrete Overlay and to the Bridge Sidewalks and inside faces of Parapets.
8. Joint openings shall be adjusted according to Article 520.04 of the Std. Specs. when the deck is poured at an ambient temperature other than 50°F
9. The removal and reattachment of guardrail, hand rail, steel railings, traffic barrier terminal, and etcetera required for repair work (e.g. transverse joint replacement or structural repair of concrete) shall be included in the contract unit price of the work item being performed.
10. All structural steel shall be shop painted with the inorganic zinc rich primer per AASHTO M300, Type 1. Cost included with Furnishing and Erecting Structural Steel.
11. All structural steel shall conform to AASHTO Classification M-270 Gr. 36, unless otherwise noted.

INDEX OF SHEETS

- S1. General Plan & Elevation
- S2. General Notes, Bill of Material, and Index of Sheets
- S3. Stage Construction Details
- S4. Bridge Deck and Approach Repairs
- S5. Expansion Joint Repairs
- S6. Expansion Joint Details
- S7. Preformed Joint Strip Seal
- S8. Bar Splicer Assembly and Mechanical Splicer Details
- S9. Bearing Details
- S10. Floor Drains

TOTAL BILL OF MATERIAL

Item Description	UNIT	QUANTITY
Hot-Mix Asphalt Surface Course, Mix "D", N70	Ton	19
Protective Coat	Sq. Yd.	790
Hot-Mix Asphalt Surface Removal, 1 1/2"	Sq. Yd.	224
Hot-Mix Asphalt Surface Removal (Deck)	Sq. Yd.	580
Concrete Removal	Cu. Yd.	29.8
Concrete Superstructure	Cu. Yd.	29.8
Bridge Deck Grooving	Sq. Yd.	555
Jack and Remove Existing Bearings	Each	18
Reinforcement Bars, Epoxy Coated	Pound	2,140
Bar Splicers	Each	22
Preformed Joint Strip Seal	Foot	120
Elastomeric Bearing Assembly, Type I	Each	18
Bridge Deck Latex Concrete Overlay, 2 1/4 Inches	Sq. Yd.	580
Structural Repair of Concrete (Depth Equal To or Less Than 5 Inches)	Sq. Ft.	145
Bridge Deck Hydro-Scarification 1/2"	Sq. Yd.	580
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	24
Floor Drains	Each	8
Clean and Reseal Relief Joints	Foot	96
Anchor Bolts, 1 inch	Each	36
Furnishing and Erecting Structural Steel	Pound	2,620
Bituminous Materials (Prime Coat)	Gallon	23

**GENERAL NOTES, BILL OF MATERIAL
AND INDEX OF SHEETS
STRUCTURE NO. 016-0573**

DESIGNED JMH	2010
CHECKED LMS	EXAMINED
DRAWN VC	ENGINEER OF STRUCTURAL SERVICES
CHECKED JMH	PASSED
	ENGINEER OF BRIDGES AND STRUCTURES

SHEET NO. S2 OF S10 SHEETS	F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	1620	43I-1	COOK	16	6
CONTRACT NO. 60J82					
ILLINOIS FED. AID PROJECT					