

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | | | |
|-----------------------|----------|------------------|------|-----------|--------------------------|
| ROUTE NO. | DIVISION | COUNTY | ISIN | SHEET NO. | SHEET NO. 2 16 SHEETS |
| 3887 | AR-B | KANE | 43 | 18 | |
| FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT | | | |

Contract #60C23

GENERAL NOTES

1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60 (IL Modified). See Special Provisions
2. Reinforcement bars designated (E) shall be epoxy coated.
3. 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.
4. The minimum thickness of the Concrete overlay shall be 5" and varies as required to adjust for the new profile grade and beam camber.
5. No instream work will be allowed on this project.
6. Repair of the abutments shall be completed prior to placement of the new deck beams.
7. The contractor is advised that the existing PPC Deck Beams are in a deteriorated condition with reduced load carrying capacity. It is the contractor's responsibility to account for the condition of the beams when developing construction procedures for removal and replacement of the superstructure.
8. If the Contractor's procedure for existing beam removal or placement of new beams involves placement of heavy equipment on the new deck beams, a detailed procedure shall be submitted to the Engineer for approval. The procedure shall include calculations sealed by an Illinois Licensed Structural Engineer, verifying the structural adequacy of the beams for the proposed loads. Cost Included with Removal of Existing Superstructure.
9. Four utility pipes and/or conduits are supported on the west side of the bridge. Contractor shall temporarily support utilities during stage construction. Reattach with existing hangers and new hardware as required. Cost included in Removal of Existing Superstructures.

STATION 187+31.80
REBUILT 200... BY
STATE OF ILLINOIS
F.A.U. RTE. 3887
LOADING HS20
STR. NO. 045-0020

NAME PLATE

See Std. 515001

Relocate existing name plate next to rebuilt name plate, cost included in Name Plates.

TOTAL BILL OF MATERIAL

| ITEM | UNIT | SUPER | SUB | TOTAL |
|--|---------|-------|-----|-------|
| Removal of Existing Superstructures | Each | 1 | | 1 |
| Concrete Superstructure | Cu. Yd. | 26.5 | | 26.5 |
| Bridge Deck Grooving | Sq. Yd. | 190 | | 190 |
| Protective Coat | Sq. Yd. | 295 | | 295 |
| Concrete Wearing Surface, 5" | Sq. Yd. | 257 | | 257 |
| Precast Prestressed Concrete Deck Beams (21" Depth) | Sq. Ft. | 2,313 | | 2,313 |
| Reinforcement Bars, Epoxy Coated | Pound | 6230 | | 6230 |
| Bar Splicers | Each | 98 | | 98 |
| Removing and Re-erecting Existing Railing | Foot | 59 | | 59 |
| Name Plates | Each | 1 | | 1 |
| Preformed Joint Strip Seal | Foot | 55 | | 55 |
| Epoxy Crack Injection | Foot | | 26 | 26 |
| Structural Repair of Concrete (Depth Greater Than 5") | Sq. Ft. | | 50 | 50 |
| Structural Repair of Concrete (Depth Equal to or Less Than 5") | Sq. Ft. | | 2 | 2 |
| Asbestos Bearing Pad Removal | Each | | 38 | 38 |

**GENERAL NOTES AND
TOTAL BILL OF MATERIAL
F.A.U. 3887 (IL 31)
OVER MILL CREEK
SECTION AR-B
KANE COUNTY STA. 187+31.80
STRUCTURE NO. 045-0020**

| | |
|----------|-----|
| DESIGNED | LLV |
| CHECKED | DDB |
| DRAWN | MGM |
| CHECKED | LLV |

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