CONTRACT NO. 63075

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	108
STA. 511+80.00		TO STA. 609+14.92		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. S3 OF S108

GENERAL NOTES:

1. Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts. Bolts $^{7}/_{8}$ in. ϕ, holes $^{15}/_{16}$ in. ϕ, unless otherwise noted.

2. Calculated weight of Structural Steel:

S.N.	Gr. 50	Gr. 36	A500 Class B
045-3166	2,563,000 lb.	99,000 lb.	--
045-3164	23,500 lb.	2,000 lb.	17,000 lb.

3. No field welding is permitted except as specified in the contract documents.

4. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.

5. Reinforcement bars designated (E) shall be epoxy coated.

6. If the Contractor elects to use cantilever forming brackets on the exterior beams or girders, the brackets shall be placed at the same locations as required for the hardwood blocks in Article 503.06(b) of the Standard Specifications. If additional cantilever forming brackets are required, hardwood blocking shall be wedged between the exterior and first interior beam at each of these additional bracket locations.

7. Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of $^{1}/_{8}$ inch (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.

8. Concrete Sealer shall be applied to the designated areas of the:
   Stearns Road Bridge (S.N. 045-3166): Abutments
   Multi-Use Path Ramp (S.N. 045-3164): Abutments & Expansion Piers
   Multi-Use Path Bridge (S.N. 045-3164): Abutments & Piers

9. The Inorganic Zinc Rich Primer / Acrylic / Acrylic Paint System shall be used for shop and field painting of new structural steel, the Pedestrian Truss Superstructure, the Steel Bridge Rail, Special, Roof Columns, as well as the Bicycle Railing, Special on both the MUP Bridge and MUP Ramp except where otherwise noted. The color of the final finish coat for all steel girders and the entire Pedestrian Truss Superstructure shall be dark green, Federal Standard 595B, color #14062; submit paint chips to the engineer for approval prior to ordering any finish coat material. See Special Provision for "Cleaning and Painting New Metal Structures".

10. Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.

11. The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.

12. The Contractor shall drive test piles to 110% of the nominal required bearing specified in production locations at substructures specified or approved by the Engineer before ordering the remainder of piles.

13. The Contractor shall obtain a construction permit from the Illinois Department of Natural Resources (IDNR), Office of Water Resources for any temporary construction activity placed in the water except cofferdams. This shall include the placement of material for run-arounds, causeways, etc. Any permit application by the Contractor shall refer to the IDNR permit number as shown in the contract plans.

14. Seal coat thickness design is based on the Estimated Water Surface Elevation (EWSE). Cofferdam design details and proposed changes in seal coat thickness shall be submitted to the Engineer for approval with the cofferdam design.

15. Anti-Graffiti Coating shall be applied to the following locations:
    Stearns Road Bridge (SN 045-3166): Abutments & Piers at all locations "Form Liner Textured Surface" is applied to.
    Multi-Use Path Ramp (SN 045-3164): Exposed surfaces of Pier Caps & Columns except for the bearing seat.
    Multi-Use Path Bridge (SN 045-3164): Exposed surfaces of Abutments except for bearing seat and backwall front face.

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REVISIONS	
NAME	DATE

Baker
Baker Engineering, Inc.

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES & INDEX OF DRAWINGS

STEARNS ROAD
OVER THE FOX RIVER
STRUCTURE NUMBER 045-3166

PUBLIC WATERS

KANE COUNTY FAP 361 SECTION 06-00214-20-BR
STATION 571+42.96
DESIGNED: GWG DRAWN: SGW
DATE: JANUARY 16, 2009 CHECKED: KPZ CHECKED: KPZ

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3/25/2009