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ROUTE NO.	SECTION	COUNTY		TOTAL SHEETS	SHEET NO.	SHEET NO. 1
F.A.P. 312	71BR	RANDOLPH		73	25	31 sheets
FED. ROAD DIST. NO. 7		ILLIN0I6	FED. AID PROJECT-			

Contract No. 76125

## GENERAL NOTES

Fasteners shall be high strength bolts. Bolts  $T_8$  "  $\phi$  open holes  ${}^{15}_{16}$  "  $\phi$ . unless otherwise noted.

Calculated weight of Structural Steel = 101,210 pounds (M270 Gr. 50). = 19,100 pounds (M270 Gr. 36) Reinforcement bars shall conform to AASHTO M31 or M322 Grade 60.

Field welding of construction accessories will not be permitted to the beams. Anchor bolts shall be set before bolting diaphragms over supports. The main load carrying member components subject to tensile stress shall

conform to the Supplemental Requirements for Notch Toughness Zone 2. The components are the wide flange beams and all splice plate material except fill plates.

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

Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of a  ${}^{l}_{B}$  inch. Adjustment shall be made either by grinding the surface or by shimming the bearing. Two  $l_{B}$  inch adjusting shims, of the dimensions of the bottom bearing plate shall be provided for each bearing in addition to all other plates or shims. For Type 1 Elastomeric Bearing, two <sup>1</sup>8 inch adjusting shims shall be provided for each bearing and placed as detailed.

Bridge Seat Sealer shall be applied to the seat area of the abutments. The concrete for bridge floors finished according to Article 503.17 of the Standard Specifications, shall be placed and compacted parallel to the skew in uniform increments along centerline of bridge. The finishing machine, when required, shall be set parallel to the skew for striking off and screeding the concrete.

The inorganic zinc rich primer/Acrylic/Acrylic Paint System shall be used for shop and field painting of new structural steel except where otherwise noted. The color of the final finish coat for all steel surfaces shall be aray. Munsell No. 5B 7/1. See Special Provision for "Cleaning and Painting New Metal Structures".

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

The structural steel bearing plates of the Elastomeric Bearing Assembly shall conform to the requirements of AASHTO M270 Grade 50. All construction joints shall be bonded.



GENERAL PLAN ILLINOIS ROUTE 3 OVER HORSE CREEK F.A.P. RTE. 312-SECTION 71BR RANDOLPH COUNTY STA. 1128+90 STRUCTURE NO. 079-0048