

**GENERAL NOTES**

1. Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts. Bolts  $\frac{3}{4}$  in.  $\phi$ , holes  $\frac{5}{16}$  in.  $\phi$ , unless otherwise noted.
2. Calculated weight of Structural Steel:  
 Grade 50 = 3,704,060 lb  
 Grade 36 = 345,480 lb
3. All structural steel shall be AASHTO M270 Grade 50, except diaphragms which may be AASHTO M270 Grade 36.
4. The Organic Zinc Rich Primer/Epoxy/Urethane Paint System shall be used for painting of new structural steel except where otherwise noted. The entire system shall be shop applied, with the exception that masked off connection surfaces, field installed fasteners and damaged areas shall be touched up in the field. The color of the final finish coat for all interior steel surfaces shall be Gray, Munsell No. 5B 7/1. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be Reddish Brown, Munsell No. 2.5 YR 3/4. See Special Provision for "Cleaning and Painting New Metal Structures".

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	465 (HB&VB) F	COOK	31	3
STA. 173+50 TO STA. 195+00				
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
Contract # 60121			SHEET NO. S2 of S30	

**BRIDGE BILL OF MATERIAL**

ITEM	UNIT	TOTAL QUANTITY
FURNISHING STRUCTURAL STEEL	L SUM	1
STORAGE OF STRUCTURAL STEEL	CAL DA	30

**INDEX OF BRIDGE DRAWINGS**

SHEET	TITLE
S1	General Plan & Elevation
S2*	General Notes & Total Bill of Material
S3	Construction Staging I (F.I.O.)
S4	Construction Staging II (F.I.O.)
S5	Construction Staging III (F.I.O.)
S6	Top of Slab Elevations I (F.I.O.)
S7	Top of Slab Elevations Ia (F.I.O.)
S8	Top of Slab Elevations II (F.I.O.)
S9	Top of Slab Elevations IIa (F.I.O.)
S10	Top of Slab Elevations IIb (F.I.O.)
S11	Top of Slab Elevations IIc (F.I.O.)
S12	Top of Slab Elevations III (F.I.O.)
S13	Top of Slab Elevations IIIa (F.I.O.)
S14	Top of Slab Elevations N. & S. Approach (F.I.O.)
S15	Superstructure Plan I (F.I.O.)
S16	Superstructure Plan II (F.I.O.)
S17	Superstructure Plan III (F.I.O.)
S18	Superstructure Cross-Section (F.I.O.)
S19	Superstructure Details (F.I.O.)
S20	Bar Splicer Assembly (F.I.O.)
S21	Preformed Joint Strip Seal (F.I.O.)
S22	Modular Expansion Joint (F.I.O.)
S23	Bridge Fence Railing Parapet Mounted (F.I.O.)
S24	Framing Plan & Elevation I
S25	Framing Plan & Elevation II
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S27	Steel Details I
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F.I.O. = FOR INFORMATION ONLY  
 \*2A GENERAL PLAN + ELEVATION

**INDEX OF PLANS**

- 1 - COVER SHEET
- 2 - SUMMARY OF QUANTITIES
- 2A.-31 - BRIDGE DRAWINGS

EARTH TECH | AECOM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**GENERAL NOTES & TOTAL BILL OF MATERIAL**  
 FAP 330 US 12/45 (MANNHEIM RD.) OVER  
 500 LINE RR & FRANKLIN AVE.  
 STRUCTURE NO. 016-2815  
 SECTION 465 (HB & VB) F COOK COUNTY  
 STA. 183+33.30 DRAWN BY JHR  
 DATE 6/2009 CHECKED BY DSB