

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 2 13 SHEETS
FAP 553	125 VBR-1F	DEKALB	15	4	
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-		

Contract #64B90

General Notes

1. Fasteners shall be high strength bolts AASHTO M 164, Type 3 in unpainted areas and mechanically galvanized AASHTO M 164, Type 1 or 2 in painted areas. Bolts 7/8"  $\phi$ , open holes 13/16"  $\phi$ , unless otherwise noted.
2. Calculated weight of Structural Steel = 121,060 pounds
3. All structural steel shall be AASHTO M 270 Grade 50W.
4. Field welding of construction accessories will not be permitted to beams or girders.
5. The main load carrying member components subject to tensile stress shall conform to the Supplemental Requirements for Notch Toughness Zone 2. These components are the wide flange beams and all splice plate material except fill plates.
6. Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8 inch. Adjustment shall be made either by grinding the surface or by shimming the bearing. Two 1/8" adjusting shims, of the dimensions of the bottom bearing plate, shall be provided for each bearing in addition to all other plates or shims.
7. AASHTO M270 Grade 50W structural steel shall only be painted, at the ends of beams, for a distance equal to the depths of embedment into the concrete cap plus 3 inches. Those areas shall be primed in the shop with an inorganic zinc rich primer per AASTHO M 300, Type 1. No field painting shall be required. All structural steel shall be cleaned as specified in the special provision for "Surface Preparation and Painting Requirements for Weathering Steel".

TOTAL BILL OF MATERIALS				
ITEM	UNIT	SUPER	SUB	TOTAL
FURNISHING STRUCTURAL STEEL	L SUM	1	--	1

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DESIGNED -
CHECKED -
DRAWN ARR
CHECKED JKC

GENERAL NOTES AND BILL OF MATERIALS  
IL RTE 72 OVER  
IOWA CHICAGO & EASTERN RAILROAD  
FAP ROUTE 553  
SECTION 125VBR-1F  
DEKALB COUNTY  
STA. 144+14.40  
SN 019-0047