

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
57	2323.1F	COOK	011 4
STA.		TO STA.	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 62815

**INDEX OF SHEETS**

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**GENERAL NOTES**

1. Fasteners shall be high strength bolts. Bolts 3/4"  $\phi$ , open holes 15/16"  $\phi$ , unless otherwise noted.
2. Calculated weight of Structural Steel:  
M270 Grade 50 = 175,500 lbs  
M270 Grade 36 = 33,000 lbs
3. 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 finish coat for the exterior and bottom flange of the fascia beams shall be reddish brown, Munsell No. 2.5YR 3/4. See Special Provision for "Cleaning and Painting New Metal Structures."
4. The structural steel bearing plates of the Elastomeric Bearing Assembly shall conform to the requirements of AASHTO M270 Grade 50.
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 tension flanges and webs.
6. Plan dimensions and details relative to existing structures have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field 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 the scope of work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

TOTAL BILL OF MATERIAL		
Item	Unit	Total
FURNISHING STRUCTURAL STEEL	L SUM	1
FURNISHING ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	8
STORAGE OF ELASTOMERIC BEARING ASSEMBLIES	CAL DA	45
STORAGE OF STRUCTURAL STEEL	CAL DA	45

SHT. S-2

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. ROUTE 57 (INTERSTATE 57)  
BEAM & BEARING FABRICATION  
I-57 NB OVER WB CONNECTOR  
EXISTING SN 016-0072, PROPOSED SN 016-2852  
STA. 238+73.54, COOK COUNTY, SECTION 2323.1F  
GENERAL NOTES, INDEX OF SHEETS  
AND BILL OF MATERIAL

DATE: 10/20/05

DRAWN BY: VV  
CHECKED BY: RDS

**TENG**

TENG & ASSOCIATES, INC.  
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