



EXPANSION BEARING DETAILS - SOUTH ABUTMENT

TOTAL BILL OF MATERIAL

Item	Unit	Total
STEEL BEARING ASSEMBLY	EACH	19
ANCHOR BOLTS 1 1/4 IN DIAMETER	EACH	76

NOTES:

- Elastomeric Shock Pad shall conform to CSX Standard Specification for Structural Steel Section D.4. The cost of Shock Pads shall be incidental to "Furnishing and Erecting Structural Steel."
- Bronze Plates shall be self-lubricating cast bronze and shall conform to ASTM B22. Alloy C91100 shall be furnished. Bronze Plates shall be measured for payment and included in the item "Furnishing and Erecting Structural Steel." Lubricate top and bottom surfaces during installation.
- Machine Finish Bolster Cap Plates to conform w/ANSI/ASME B46.1 for surface texture where contacting Bronze Bearing Plates.
- Stress Relieve Bolster Assembly after fabrication in accordance with Section 4A of ANSI/AASHTO/AWS Bridge Welding Code D1.5.
- Horizontal Surfaces of stiffener plates of Bolster shall be milled to bear prior to welding.

FILE NAME = F:\615567\0200_CAD\001_Drawing\Sheets\Structural\016-7721_ID01.sht16_Bearing_Exp.dgn



USER NAME = risticvskam
 PLOT SCALE = 8:1 1/2" = 1'-0"
 CHECKED DATE = 3/16/2011

DESIGNED - BMR
 DRAWN - COM
 CHECKED - DD
 DATE - 11/23/2010

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXPANSION BEARING DETAILS
 STRUCTURE NO. 016-7721**

SCALE: NONE SHEET NO. 16 OF 65 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1537	06-00050-00-GS	COOK	209	109
CONTRACT NO. 63556				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CRE-9003(709)				