


SCHEDULE OF REPAIRS

Detail Number	Repair Type	Repair Detail Sheet No.	Number of Locations	Struct. Steel Repair (Lbs)	Jack and Clean Bearings (Each)
1	Truss Hanger/Post/Diagonal Web and Flange Repair	S-15	7	5,510	-
4	Missing Bolt Replacement	-	2	10	-
5	Stringer Web Repair	S-17	2	210	-
7	Stringer Web and Flange Repair 4	S-17	2	470	-
8	Diaphragm Replacement	S-18	3	950	-
9	Truss Hanger/Post Web Repair	S-16	6	1,250	-
10	Stringer Web Repair	S-19	1	160	-
-	Bearing Repair (See Note 1)	S-21	58	-	58
-	Tighten Loose Bearing Anchor Bolt	-	2	-	-
<b>Total</b>				<b>8,560</b>	<b>58</b>

**NOTES:**

- For locations of repairs see Sheets S-8 to S-13 of 35.
- Plan dimensions and details for repair details relative to the existing structure have been taken from 1960 design 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 the work. However, the Contractor will be paid for the quantity of steel actually furnished at the unit price bid for the work.
- Structural steel for repair shall conform to the requirements of AASHTO M270 Gr 36 except as noted.
- Fasteners shall be high strength bolts (AASHTO M164). Bolts shall be  $\frac{7}{8}$ " dia., open holes shall be  $\frac{15}{16}$ " dia unless otherwise noted.
- All existing steel surfaces that will be in contact with new steel shall be cleaned in accordance with Special Provision Cleaning and Painting Contact Surface Areas of Existing Steel Structures.
- The existing structural steel coating may contain lead. The contractor shall take appropriate precautions to deal with the presence of lead in this project.
- The cost of field drilling of existing members shall be included with "Structural Steel Repair".
- Detail 4 consists of the replacement of a missing bolt with a H.S. bolt of the same diameter. Contractor to verify diameter. Cost included with "Structural Steel Repair".
- Cost of removal and replacement of existing steel plates and members shall be included in the cost of "Structural Steel Repair".
- Cost of item "Tighten Loose Bearing Anchor Bolt" included in the cost of "Structural Steel Repair".

DESIGNED - MEA	REVISED -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>		<b>STEEL REPAIR SCHEDULE &amp; NOTES</b> <b>EASTBOUND I-80 OVER DES PLAINES RIVER</b> <b>STRUCTURE NO. 099-0056</b>		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
USER NAME = default	DRAWN - LK						REVISED -	80	99 (2&3) RS-3	WILL	200	121
PLOT SCALE = #SCALE#	CHECKED - MRI						REVISED -	CONTRACT NO. 60M64				
PLOT DATE = 2/8/2011	DATE - 2/8/2011						REVISED -	SHEET NO. S-14 OF 35 SHEETS				
FILE NAME = c:\cadd\lib\pw\mueller\pw\great_lakes\dms34579\0990056-60M64-014-STEEL_DET01.dgn							FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					