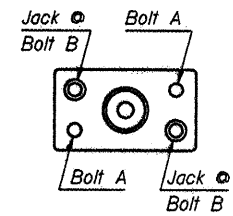
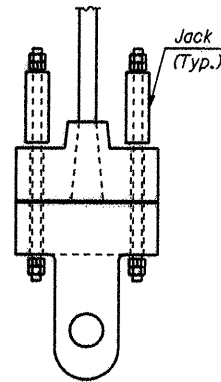


Hanger Replacement Sequence:

1. New hangers and materials shall conform to the details shown in plans.
2. Restrict all traffic to the curb lane on opposite side of hanger being replaced. Traffic control will be required.
3. Only one single hanger can be replaced at a time. At the Tie Girder Hanger Connection, remove bolts B as shown in the Jacking Diagram, install temporary high strength rods and jacks, 2 required per hanger.
4. Increase tension in jack to transfer the load to the jacks. Remove the remaining bolts A as shown in the Jacking Diagram.
5. Slowly decrease the tension in the jacks until the hanger is slack and can be removed from the temporary high strength rods and the Tie Girder Hanger Connection.
6. Remove stainless steel pin at Arch Rib Hanger Connection. Remove cable.
7. Inspect stainless steel pins and hanger plates.
8. Place new cable at the Arch Rib Hanger Connection and install stainless steel pin.
9. Tension and install anchor bolts in the Tie Girder Hanger Connection as designated on Sheet 50 of 79.
10. Seal new shim pack with silicone sealant.



PLAN



ELEVATION

JACKING DIAGRAM

FOR INFORMATION ONLY:
Details shown on this sheet are to facilitate future maintenance actions.

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CMT
CRAWFORD, MURPHY & TULLY, INC.
CONSULTING ENGINEERS
License No. 04-00063

HNTB

DESIGNED - PA, JDJ, BPD, CJW	REVISED -
DRAWN - GLD	REVISED -
CHECKED - RJK	REVISED -
DATE - 02/04/2011	REVISED -

**CITY OF ROCKFORD
MORGAN STREET BRIDGE**

**HANGER REPLACEMENT SEQUENCE AND DETAILS
STRUCTURE NO. 101-6108**

SCALE: SHEET NO. 52 OF 79 SHEETS STA. 47+00.74 TO STA. 52+63.50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5077	99-00493-00-BR	WINNEBAGO	253	178
CONTRACT NO. 85529			FED. ROAD DIST. NO. 2 [ILLINOIS] FED. AID PROJECT BRM-5099165	