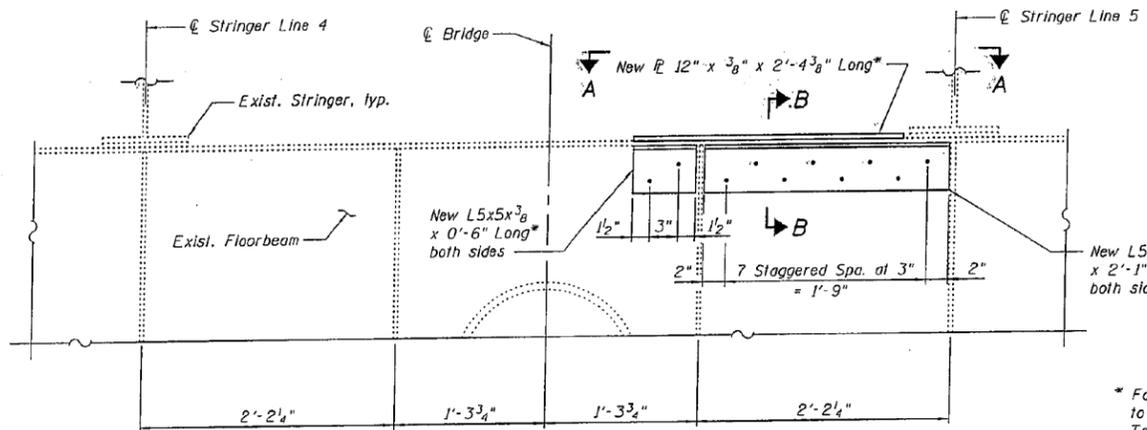


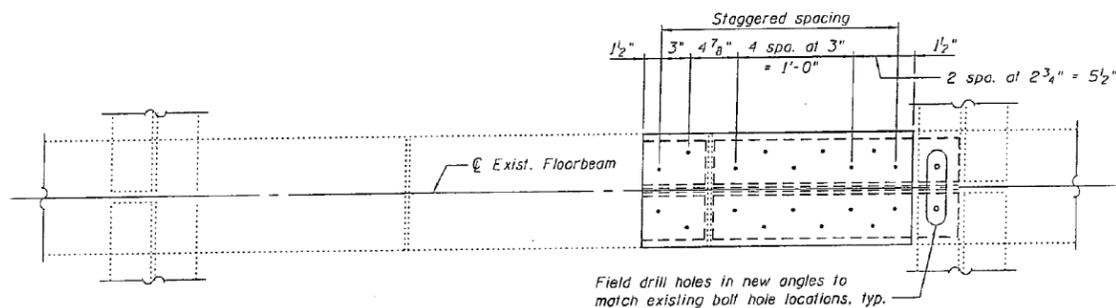
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



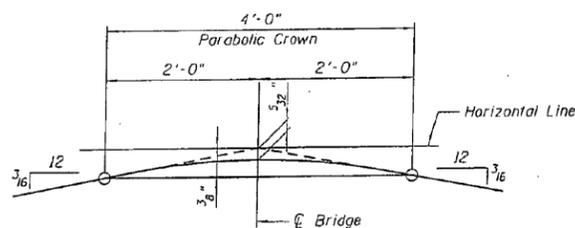
Note:
After mechanically straightening flange any gaps between the existing steel and the new steel angles and/or cover plates shall be sealed with an approval polyurethane sealant. The sealant shall be compatible with the proposed paint system and shall be submitted to the Engineer for approval prior to use.

* Fabricate new plate and angles for top flange repair to match existing top flange profile. See Floorbeam Top Flange Profile detail.

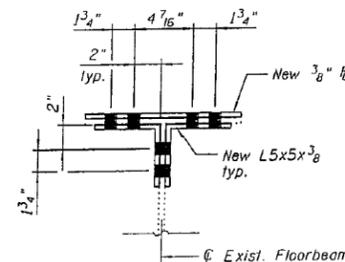
STRUCTURAL REPAIR L
FLOORBEAM 7 AT PIER 19
(Looking South)



VIEW A-A



FLOORBEAM TOP FLANGE PROFILE



SECTION B-B

Notes:
Clip (1/2" x 1/2") heels of new angles to clear existing floorbeam flange to web weld.
Field drill holes in existing floorbeams and new plate using new angles as templates.
Open holes in new angles to be 15/16" φ for 7/8" φ H.S. A325 bolts.

MISCELLANEOUS STEEL
REPAIR DETAILS - 8
I-80 OVER
MISSISSIPPI RIVER
STRUCTURE NO. 081-0011

DESIGNED	YSS
CHECKED	DWP
DRAWN	PRC
CHECKED	YSS



02/17/11

New Steel

SHEET NO. 2JC 33 SHEETS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	80	(81-13)M-4	ROCK ISLAND		
SN 081-0011			CONTRACT NO. 64F31		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					

Construction Change 02/17/11 P.R.C.

DESIGNED	VHV	EXAMINED	<i>Timothy A. Daulton</i>	DATE	OCTOBER 12, 2012
CHECKED	DAB	PASSED	<i>Carl Berger</i>		
DRAWN	baliva				
CHECKED	VHV DAB				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FOR INFORMATION ONLY
SN 081-0011

SHEET 39 OF 42 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80 D2 BRIDGE PAINTING 2012-2	ROCK ISLAND	46	43	
CONTRACT NO. 64H81				
ILLINOIS FED. AID PROJECT				