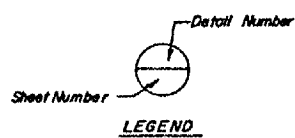


MISSOURI APPROACH - PLATE GIRDER REPAIR SCHEDULE

SPAN NUMBER	PIER NUMBER	GIRDER LOCATION				REMARKS	SPAN NUMBER	PIER NUMBER	GIRDER LOCATION							
		UPSTREAM	DOWNSTREAM	UPSTREAM-INSIDE	DOWNSTREAM-INSIDE				UPSTREAM	DOWNSTREAM	UPSTREAM-INSIDE	DOWNSTREAM-INSIDE				
45 (CONT.)	35 TO 45		Outside stiffener #5 has 3/16" loss of section and a hole at bottom. See Note "3", This Sheet.				65 (CONT.)	55 TO 65		Inside stiffener #1 has loss of section at bottom. See Note "3", This Sheet.	Outside bottom flange angle has 1/8" loss b/wn. stiff. 1-2, 5-6, 7-8 & 12-13, 1/4" loss b/wn. 10-11 & 1/8" to 1/4" loss b/wn. 8-9 at top. See Note "3", This Sheet.	The web has a hole near the bottom between stiffener #15 and the end. See Note "3", This Sheet.				
			Outside stiffener #7 has 100% loss of section at bottom. See Note "3", This Sheet.							Outside stiffeners 2 and 12 have loss of section at bottom. See Note "3", This Sheet.						
			Outside stiffener #10 has 3/16" loss of section at bottom. See Note "3", This Sheet.								Outside stiffeners #5 and #6 have 50% to 60% loss of section at bottom. See Note "3", This Sheet.					
			Outside stiffener #13 has 1/4" loss of section at bottom. See Note "3", This Sheet.								Outside face of the web has loss of section at bottom between stiff. #15 and the end. See Note "3", This Sheet.					
55	45 TO 55	Inside and outside top flange angles have 5/16" total loss at top and bott. between stiffener #15 and the end. See Note "3", This Sheet.	Outside and inside top flange angles have 3/16" to 1/4" total loss at top and bottom between stiffener #15 and the end. See Note "3", This Sh.	Sole plate and inside bottom flange angle have pack rust in between them at Pier 4S. See Note "2", This Sheet.	Sole plate and outside bott. flange angle have pack rust in between them at Pier 4S. See Note "2", This Sheet.		75	65 TO 75	Sole plate and inside and outside bottom flange angles have 1/8" to 1/4" pack rust in between them at Pier 7S. See Note "1", This Sheet.	Sole plate and outside bott. flange angle have 1/4" pack rust in between them at Pier 7S. See Note "2", This Sheet.	Sole plate and inside bott. flange angle have 1/4" pack rust in b/wn. them at Pier 6S. See Note "2", This Sheet.	Sole plate and outside bott. flange angle have 1/4" pack rust in between them at Pier 6S. See Note "1", This Sheet.				
		Inside bottom flange angle has 1/8" loss at bottom between stiffener #15 and the end. See Note "3", This Sheet.	Inside bottom flange angle has 1/8" total loss at top and bottom b/wn. stiffener #1 and the end. For repair, see detail (25)	Inside and outside top flange angles have 1/8" loss at top between stiff. #15 and the end. See Note "3", This Sheet.	Inside and outside top flange angles have 1/8" loss at top between stiff. #15 and the end. See Note "3", This Sheet.	Downstream Girder: A = 16 1/2" for Detail "6" N = 2			Downstream-Inside Girder: A = 16 1/2" for Detail "6" N = 2	Inside and outside top flange angles have 1/8" loss at top between stiff. #15 and the end. See Note "3", This Sheet.	Inside and outside top flange angles have 1/8" loss at top between stiff. #15 and the end. See Note "3", This Sheet.	Inside top flange angle has 1/8" loss at top between stiffener #15 and the end. See Note "3", This Sheet.	Inside and outside top flange angles have 1/8" loss at top and bottom b/wn. stiff. #15 and the end. See Note "3", This Sheet.	Inside and outside top flange angles have 1/8" loss at top and bottom b/wn. stiff. #15 and the end. See Note "3", This Sheet.	Upstream-Inside Girder: A = 34 1/2" for Detail "6" N = 5	
		Inside bottom flange angle has 3/16" loss at top to 7/16" total loss at top & bott. b/wn. 1-End. (26)	Inside and outside bottom flange angles have 1/2" to 3/8" total loss at top & bott. b/wn. stiff. 15-End. (27)	Inside and outside bottom flange angles have 1/2" to 3/8" total loss at top & bott. b/wn. stiff. 1-End. (28)	Inside and outside bottom flange angles have 1/2" to 3/8" total loss at top & bott. b/wn. stiff. 1-End. (29)	For repair, see detail (26)			For repair, see detail (27)	For repair, see detail (28)	For repair, see detail (29)	For repair, see detail (27)	For repair, see detail (27)	For repair, see detail (27)	For repair, see detail (27)	For repair, see detail (27)
		Outside bott. flange angle has 1/8" loss b/wn. stiff. 1-End and 1/4" total loss at top & bott. b/wn. stiff. 15-End. See Note "3", This Sheet.	Outside bottom flange angle has 1/8" loss b/wn. stiff. 3-5 and 1/4" loss b/wn. 1-End at top. See Note "3", This Sheet.	Inside bottom flange angle has 3/16" total loss at top and bottom b/wn. stiffener #15 and the end. See Note "3", This Sheet.	Inside and outside bott. flange angles have 1/2" to 3/8" total loss at top and bott. b/wn. stiff. 15-End. (30)	For repair, see detail (29)			For repair, see detail (30)	For repair, see detail (30)	For repair, see detail (30)	For repair, see detail (30)	For repair, see detail (30)	For repair, see detail (30)	For repair, see detail (30)	For repair, see detail (30)
		Outside stiffeners 2, 4, 5 and 8 have 1/8" loss of section at bottom. See Note "3", This Sheet.	Outside stiffeners 4, 6, 8 and 12 have holes at bottom. See Note "3", This Sheet.	Inside stiffener #1 has 3/16" loss of section at bottom. See Note "3", This Sheet.	The web has a hole near the bott. between stiffener #15 and the end. See Note "3", This Sheet.											
		Outside face of the web has 3/8" loss near the bottom between stiffener #15 and the end. See Note "3", This Sheet.	Outside face of the web has 1/4" loss near the bottom between stiffeners 3-5. See Note "3", This Sheet.	Inside face of the web has 1/4" loss, outside face has 1/8" loss and a hole near the bott. b/wn. stiff. #15 and the end. See Note "3", This Sh.	Inside face of the web has 1/4" loss, outside face has 1/8" loss and a hole near the bott. b/wn. stiff. #15 and the end. See Note "3", This Sh.											
		Inside face of the web has 1/4" loss b/wn. stiff. 15-End and 3/16" to 1/4" loss b/wn. stiff. 1-End at bott. See Note "3", This Sheet.	Inside face of the web has 1/4" loss and near the bottom between stiffener #15 and the end. See Note "3", This Sheet.	Inside face of the web has 1/4" loss near the bottom between stiffener #1 and the end. See Note "3", This Sheet.	The web has a hole near the bott. between stiffener #15 and the end. See Note "3", This Sheet.											
		Sole plate and inside and outside bottom flange angles have 1/8" to 1/4" pack rust in between them at Pier 5S. See Note "2", This Sheet.	Sole plate and inside and outside bottom flange angles have 1/8" pack rust in between them at Pier 6S. See Note "1", This Sheet.	Sole plate and inside and outside bottom flange angles have 1/8" to 3/16" pack rust in between them at Pier 5S. See Note "2", This Sheet.	Sole plate and inside and outside bottom flange angles have 1/8" to 3/16" pack rust in between them at Pier 5S. See Note "2", This Sheet.											
		Sole plate and outside bottom flange angle has 1/8" pack rust in between them at Pier 6S. See Note "1", This Sheet.	Sole plate and inside and outside bottom flange angles have 1/8" to 3/16" pack rust in between them at Pier 5S. See Note "2", This Sheet.	Sole plate and inside and outside bottom flange angles have 1/8" to 3/16" pack rust in between them at Pier 6S. See Note "1", This Sheet.	Sole plate and inside and outside bottom flange angles have 1/8" to 3/16" pack rust in between them at Pier 6S. See Note "1", This Sheet.											
		Inside and outside top flange angles have 1/8" loss at top and 1/4" loss at bottom between stiffener #15 and the end. See Note "3", This Sheet.	Outside top flange angle has 3/16" loss at top and 1/4" loss at bottom between stiffener #15 and the end. See Note "3", This Sheet.	Outside top flange angle has 3/16" loss at top and 1/4" loss at bottom between stiffener #15 and the end. See Note "3", This Sheet.	Outside top flange angle has 1/8" loss at top and 1/4" loss at bottom between stiffener #15 and the end. See Note "3", This Sheet.											
Outside bottom flange angle has 1/8" to 3/16" loss b/wn. stiff. 2-3 and 1/4" loss b/wn. 2-End, 3-4, 6-8 and 15-End at top. See Note "3", This Sh.	Inside top flange angle has 1/8" total loss at top and bottom b/wn. stiffener #15 and the end. See Note "3", This Sheet.	Inside top flange angle has 3/16" loss at top and 1/4" loss at bottom between stiffener #15 and the end. See Note "3", This Sheet.	Inside top flange angle has 1/8" total loss at top and bottom b/wn. stiffener #15 and the end. See Note "3", This Sheet.													
Inside bottom flange angle has 1/8" loss b/wn. stiff. 15-End and 1/4" loss b/wn. stiff. 14-15 at top. See Note "3", This Sheet.	Inside and outside bottom flange angles have 1/8" total loss at top and bottom b/wn. stiff. 15-End. See Note "3", This Sheet.	Outside bottom flange angle has 1/8" loss at bottom adjacent to sole plate at Pier 5S. See Note "2", This Sheet.	Inside bottom flange angle has 1/8" total loss at top and bottom b/wn. stiff. 15-End and 1-End. See Note "3", This Sheet.													
Inside bottom flange angle has 3/16" loss at bottom between stiff. #1 and the end. See Note "3", This Sheet.	Outside bottom flange angle has 1/8" loss at top to 1/4" total loss at top and bottom b/wn. stiff. #1 and the end. See Note "3", This Sh.	Inside bottom flange angle has 3/16" loss at top between stiffener #15 and the end. See Note "3", This Sheet.	Outside bottom flange angle has 1/8" total loss at top and bottom b/wn. stiff. #15 and the end. See Note "3", This Sheet.													
Outside stiffeners 2 and 3 have loss of section at bottom. See Note "3", This Sheet.	Inside bottom flange angle has 1/8" total loss at top and bottom b/wn. stiffener #1 and the end. See Note "3", This Sheet.	Inside bottom flange angle has 1/8" loss at top and a hole b/wn. stiff. #1 and the end. See Note "3", This Sheet.	The web has a hole near the bottom between stiffener #15 and the end. See Note "3", This Sheet.													

DESIGNED *L. J. ...*
CHECKED *R. E. C.*
DRAWN *L. J. ...*
CHECKED *R. E. C. - F. S.*

- NOTES:
- Clean girder end and remove all rust, foreign material and old paint down to the bare metal. Seal bearing using Fixed Bearing Repair Details, Sheet 31.
 - Clean girder end and remove all rust, foreign material and old paint down to the bare metal. Expansion Bearing is being replaced. See Bearing Repair Schedule, Sheets 28-30, and Expansion Bearing Replacement Details, Sheet 32.
 - Clean and remove all rust, foreign material and old paint down to the bare metal. Cost incidental to "Cleaning and Painting."



NOTE: Work This Sheet with Sheets 25 thru 32.

BRIDGE NO. 1
STRUCTURE 002-0005
FOR INFORMATION ONLY

MISSOURI APPROACH - PANS
GIRDER REPAIR SCHEDULE
F.A.U.S. Rte. 9811 (U.S. 60 & 62)
S.B.I. 150 SECTION 138 D-BR
ALEXANDER CO., IL. MISSISSIPPI CO., MO.
STATION 28+13.08