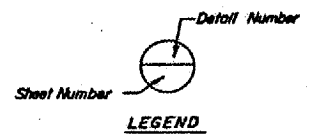


MISSOURI APPROACH - PLATE GIRDER REPAIR SCHEDULE

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			
15	H TO IS	Sole plate and inside bottom flange angle have 1/8" pack rust in between them at Pier 15. See Note 1, This Sheet.	Sole plate and outside bottom flange angle have 1/4" pack rust in between them at Pier 15. See Note 1, This Sheet.	Sole plate and inside botl. flange angle have 1/8" pack rust in between them at Pier 15. See Note 1, This Sheet.	Sole plate and outside bottom flange angle have 1/8" pack rust in between them at Pier 15. See Note 1, This Sheet.		35	2S TO 3S	Outside top flange angle has 1/8" loss at top between stiffener #15 and the end. See Note 3, This Sheet.	Sole plate and outside botl. flange angle have pack rust in between them at Pier 25. See Note 2, This Sheet.	Inside and outside top flange angles have 3/16" loss at top between stiff. #15 and the end. See Note 3, This Sheet.	Inside and outside top flange angles have 1/8" to 3/16" loss at top b/wn. stiffener #15 and the end. See Note 3, This Sheet.			
		Sole plate and outside bottom flange angle have 1/8" pack rust in between them at Pier H. See Note 2, This Sheet.	Sole plate and outside bottom flange angle have 1/4" pack rust in between them at Pier H. See Note 2, This Sheet.	Sole plate and inside bottom flange angle have 1/8" pack rust in between them at Pier H. See Note 2, This Sheet.	Sole plate and outside bottom flange angle have 1/8" pack rust in between them at Pier H. See Note 2, This Sheet.				Inside and outside bottom flange angles have 1/8" loss at bottom between stiffener #15 and the end. See Note 3, This Sheet.	Outside top flange angle has 1/8" loss at top between stiffener #15 and the end. See Note 3, This Sheet.	Inside bottom flange angle has 1/8" loss at bottom between stiff. #15 and the end. See Note 3, This Sheet.	Outside bottom flange angle has 3/16" total loss at top and bott. b/wn. stiff. #1 and the end. See above for repair.			
		Outside top flange angle has 1/8" loss at top between stiffener #15 and the end. See Note 3, This Sheet.	Outside top flange angle has 1/8" loss at top between stiffener #15 and the end. See Note 3, This Sheet.	Inside bottom flange angle has 1/8" loss between stiffener 15-End and 3/16" loss between 1-End at bottom. See Note 3, This Sheet.	Inside and outside bottom flange angles have 1/8" loss at bottom between stiffener #15 and the end. See Note 3, This Sheet.				Inside and outside bottom flange angles have 1/8" loss at bottom between stiffener #1 and the end. See Note 3, This Sheet.	Outside top flange angle has 1/8" loss at top between stiffener #15 and the end. See Note 3, This Sheet.	Inside bottom flange angle has 1/8" loss at bottom between stiff. #1 and the end. See Note 3, This Sheet.	Outside bottom flange angle has 3/16" total loss at top and bottom b/wn. stiff. #1 and the end. See above for repair.			
		Outside bottom flange angle has 1/8" loss at top between stiffeners 10-11 and between 13-14. See Note 3, This Sheet.	Outside bottom flange angle has 3/16" loss at bottom between stiff. 15-End and between 1-End. See Note 3, This Sheet.	Outside bottom flange angle has 1/8" loss between stiffener 1-End and 1/8" loss between 15-End at bottom. See Note 3, This Sheet.	Inside and outside bottom flange angles have 1/8" loss at bottom between stiffener #15 and the end. See Note 3, This Sheet.				Inside and outside bottom flange angles have 1/8" loss at bottom between stiffener #1 and the end. See Note 3, This Sheet.	Outside top flange angle has 1/8" loss at top between stiffener #15 and the end. See Note 3, This Sheet.	Inside bottom flange angle has 1/8" loss at bottom between stiff. #1 and the end. See Note 3, This Sheet.	Outside bottom flange angle has 3/16" total loss at top and bottom b/wn. stiff. #1 and the end. See above for repair.			
		The web has a hole near the top between stiffener #15 and the end. See Note 3, This Sheet.	Outside bottom flange angle has 1/8" loss between stiffeners 10-11 and 3/16" loss between 7-8 at top. See Note 3, This Sheet.	Inside and outside faces of the web have 3/16" loss and holes near the bottom between stiffener #15 and the end. Also, the inside face of the web has 1/4" loss near the bott. between stiffeners 14-15. For repair, see detail (25)	Outside stiffener #1 has 90% loss of section at bottom. See Note 3, This Sheet.				Inside face of the web has 3/16" loss near the top between stiffener #15 and the end. See Note 3, This Sheet.	Outside top flange angle has 1/8" loss at top between stiffener #15 and the end. See Note 3, This Sheet.	Inside bottom flange angle has 1/8" loss at bottom between stiff. #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.			
		Inside stiffeners #2 & 3 have 50% loss of section at bottom. See Note 3, This Sheet.	Inside bottom flange angle has 1/8" loss b/wn. 15-End at bottom. See Note 3, This Sheet.	Outside stiffener #1 has 50% loss of section at bottom. See Note 3, This Sheet.						Inside face of the web has 3/16" to 1/2" loss near the bottom between stiffener #1 and the end. See Note 3, This Sheet.	Inside bottom flange angle has 1/8" loss at bottom between stiff. #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.			
		Outside stiffeners #6 & 12 have 50% loss of section at bottom. See Note 3, This Sheet.	Outside stiffener #1 has 50% loss of section at bottom. See Note 3, This Sheet.	Inside face of the web has 1/8" loss near the bottom between stiffener #1 and the end. See Note 3, This Sheet.						Outside stiffeners #6 and 7 have 3/16" loss of section at bott. See Note 3, This Sheet.	Inside face of the web has 3/16" loss near the bottom between stiff. 7-9. 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 stiffener #12 has 60% loss of section at bottom. See Note 3, This Sheet.												
			Inside stiffener #1 has 60% loss of section at bottom. See Note 3, This Sheet.												
			The web has a hole near the top and near the bottom between stiff. #15 and the end. See Note 3, This Sheet.												
	The web has a hole near the bott. between stiffeners 1-2. See Note 3, This Sheet.														
25	IS TO 2S	Sole plate and inside bottom flange angle have 1/8" pack rust in between them at Pier 25. See Note 1, This Sheet.	Sole plate and outside bottom flange angle have 1/4" pack rust in between them at Pier 15. See Note 1, This Sheet.	Sole plate and inside bottom flange angle have 1/8" pack rust in between them at Pier 25. See Note 1, This Sheet.	Sole plate and outside bottom flange angle have 1/8" pack rust in between them at Pier 15. See Note 1, This Sheet.		45	3S TO 4S	Inside bottom flange angle has 1/8" loss at bottom between stiff. #15 and the end. See Note 3, This Sheet.	Sole plate and outside bottom flange angle have pack rust in between them at Pier 45. See Note 2, This Sheet.	Inside top flange angle has 1/8" loss at top between stiffener #15 and the end. See Note 3, This Sheet.	Inside top flange angle has 3/16" total loss at top and bott. b/wn. stiffener #15 and the end. See Note 3, This Sheet.			
		Sole plate and inside bottom flange angle have 1/8" pack rust in between them at Pier 15. See Note 2, This Sheet.	Sole plate and outside bottom flange angle have 1/4" pack rust in between them at Pier 25. See Note 1, This Sheet.	Sole plate and inside bottom flange angle have 1/8" pack rust in between them at Pier 15. See Note 2, This Sheet.	Sole plate and outside bottom flange angle have 1/8" pack rust in between them at Pier 25. See Note 1, This Sheet.				Outside bottom flange angle has 1/8" loss at bottom between stiff. #15 and the end. See Note 3, This Sheet.	Inside and outside top flange angles have 3/16" total loss at top and bott. between stiffener #15 and the end. See Note 3, This Sheet.	Outside top flange angle has 3/16" total loss at top and bott. between stiffener #15 and the end. See Note 3, This Sheet.	Inside bottom flange angle has 1/8" loss at bottom adjacent to sole plate at Pier 45. 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 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.	Outside bottom flange angle has 1/8" loss at bottom between stiff. #15 and the end. See Note 3, This Sheet.				Inside and outside faces of the web have 1/8" loss near the 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.	Outside bottom flange angle has 1/8" loss at bottom between stiff. #15 and the end. See Note 3, This Sheet.	Inside bottom flange angle has 1/8" loss at bottom between stiff. #15 and the end. See Note 3, This Sheet.	Outside bottom flange angle has 1/8" loss at top and bott. b/wn. stiffener #15 and the end. See Note 3, This Sheet.		
		Inside bottom flange angle has 1/8" loss between stiffener #15-End and 1/4" loss between #1-End at bottom. See Note 3, This Sheet.	Outside bottom flange angle has 1/8" loss at bottom between stiff. #1 and the end. See Note 3, This Sheet.	Inside and outside bottom flange angles have 1/8" loss at bott. b/wn. stiffener #15 and the end. See Note 3, This Sheet.	Outside bottom flange angle has 1/8" total loss at top and bottom between stiffener #1 and the end. See Note 3, This Sheet.				Outside bottom flange angle has 1/8" loss at bottom 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.	Outside bottom flange angle has 1/8" loss at bottom between stiff. #15 and the end. See Note 3, This Sheet.	Inside bottom flange angle has 1/8" loss at bottom between stiff. #15 and the end. See Note 3, This Sheet.	Outside bottom flange angle has 1/8" loss at top and bott. b/wn. stiffener #15 and the end. See Note 3, This Sheet.		
		Outside bottom flange angle has 3/16" loss between stiffener #1-End and between #15-End at bottom. See Note 3, This Sheet.	Inside bottom flange angle has 1/8" loss at top and 1/4" at bott. between stiffener #1 and the end. See Note 3, This Sheet.	Outside bottom flange angle has 1/8" total loss at top and bottom between stiffener #1 and the end. See Note 3, This Sheet.	Inside bottom flange angle has 1/8" loss at top between stiffener #1 and the end. See Note 3, This Sheet.				Inside bottom flange angle has 1/8" loss at bottom between stiff. #1 and the end. See Note 3, This Sheet.	Outside bottom flange angle has 1/8" loss at top between stiff. #15 and the end. See Note 3, This Sheet.	Outside bottom flange angle has 1/8" loss at bottom between stiff. #15 and the end. See Note 3, This Sheet.	Inside bottom flange angle has 1/8" loss at bottom between stiff. #15 and the end. See Note 3, This Sheet.	Outside bottom flange angle has 1/8" loss at top and bott. b/wn. stiffener #15 and the end. See Note 3, This Sheet.		
		The web has a hole near the top between stiffener #15 and the end. See Note 3, This Sheet.	Inside bottom flange angle has 1/8" loss at bottom between stiff. #1 and the end. See Note 3, This Sheet.	Inside bottom flange angle has 1/8" loss at bottom between stiffener #1 and the end. See Note 3, This Sheet.	Inside face of the web has 1/8" loss near the bottom between stiff. #1 and the end. See Note 3, This Sheet.				Inside face of the web has 3/16" loss near the bottom between stiff. #1 and the end. See Note 3, This Sheet.	Outside bottom flange angle has 1/8" loss at bottom between stiff. #15 and the end. See Note 3, This Sheet.	Outside bottom flange angle has 1/8" loss at bottom between stiff. #15 and the end. See Note 3, This Sheet.	The web has a hole near the top and near the bottom between stiffener #1 and the end. See Note 3, This Sheet.			
		The web has a hole near the bott. between stiffener #1 and the end. See Note 3, This Sheet.	Inside face of the web has 3/16" loss and a hole near the bottom between stiffener #15 and the end. See Note 3, This Sheet.	The web has a hole near the bott. 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.				The web has a hole near the bott. between stiffener #15 and the end. See Note 3, This Sheet.	Outside bottom flange angle has 1/8" loss at bottom between stiff. #15 and the end. See Note 3, This Sheet.	Outside bottom flange angle has 1/8" loss at bottom between stiff. #15 and the end. See Note 3, This Sheet.	The web has a hole near the bott. between stiffener #1 and the end. See Note 3, This Sheet.			
		Inside face of the web has 3/16" to 1/4" loss near the bottom between stiffener #15 and the end. See Note 3, This Sheet.	Outside stiffener #3 has 75% 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.	The web has a hole near the top between stiffener #15 and the end. See Note 3, This Sheet.				The web has a hole near the top between stiffener #15 and the end. See Note 3, This Sheet.	Outside bottom flange angle has 1/8" loss at bottom between stiff. #15 and the end. See Note 3, This Sheet.	Outside bottom flange angle has 1/8" loss at bottom between stiff. #15 and the end. See Note 3, This Sheet.	The web has a hole near the bott. between stiffener #1 and the end. See Note 3, This Sheet.			
		Inside stiffener #1 has 50% loss of section at bottom. See Note 3, This Sheet.	Outside stiffener #4 has 60% loss of section at bottom. See Note 3, This Sheet.		Inside bottom flange angle has 1/8" loss at bottom between stiffener #15 and the end. See Note 3, This Sheet.										

DESIGNED: *[Signature]*
CHECKED: R.F.C.
DRAWN: *[Signature]*
CHECKED: R.F.C.-FS

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