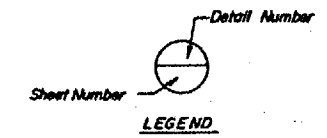


ILLINOIS APPROACH - PLATE GIRDER REPAIR SCHEDULE

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	
7N (CONT.)	7N TO 6N	Inside face of the web has 3/16" loss near the bottom adjacent to stiffener #2. See Note "3", This Sheet.	Outside bott. flange angle has 1/8" loss between stiffeners 4-5 & 9-12, 1/16" loss btwn. 1-2 & 6-7 at top. See Note "3", This Sheet.	Inside face of the web has 1/8" to 3/8" loss near the bott. between stiffener #1 and the end. See Note "3", This Sheet.			5N	5N TO 4N	Outside bott. flange angle has 1/8" loss at top between stiffeners 7-8 and 14-15. See Note "3", This Sheet.	Outside bott. flange angle has 1/8" loss btwn. stiff. 1-2, 4-5, 6-7, 8-10 & 11-12 and 1/16" loss btwn. 13-14 at top. See Note "3", This Sheet.	Outside top flange angle has 1/8" total loss at top and bott. between stiffener #1 and the end. See Note "3", This Sheet.	Inside bott. flange angle has 3/16" loss btwn. stiff. 1-End and 1/8" loss btwn. 15-End at bottom. See Note "3", This Sheet.	Upstream-Inside Girder: A = 22 1/2" for Detail "6" N = 3
		Outside bott. flange angle has 1/8" total loss at top and bott. between stiffeners 14-15. See Note "3", This Sheet.				Outside stiffener #6 has 3/16" loss of section at bottom. See Note "3", This Sheet.			Inside bott. flange angle has 1/2" total loss at top and bott. and a hole btwn. stiff. #1 and the end. For repair, see detail (27)	Inside face of the web has 3/16" loss near the bottom between stiffener #1 and the end. See Note "3", This Sheet.			
		Outside bott. flange angle has 1/8" loss at bott. between stiffener #1 and the end. See Note "3", This Sheet.				Outside stiffener #9 has 1/4" to 1/2" loss of section at bottom. See Note "3", This Sheet.			Outside bott. flange angle has 3/16" loss at top and bott. between stiff. #1 and the end. See above for repair.				
		Outside bott. flange angle has 1/8" loss between stiff. #2 and 1/4" loss btwn. 6-7 and 11-12 at top. See Note "3", This Sheet.							Inside and outside faces of the web have 1/8" loss near the bottom between stiffener #1 and the end. See Note "3", This Sheet.				
6N	6N TO 5N	Sole plate and inside bott. flange angle have 1/4" pack rust in btwn. them at Pier 5N. See Note "2", This Sheet.	Sole plate and outside bott. flange angle have pack rust in between them at Pier 6N. See Note "1", This Sheet.	Sole plate and inside bott. flange angle have pack rust in between them at Pier 6N. See Note "1", This Sheet.	Sole plate and inside bott. flange angle have pack rust in between them at Pier 6N. See Note "1", This Sheet.	Downstream-Inside Girder: A = 22 1/2" for Detail "6" N = 3	4N TO 3N	Sole plate and inside and outside bott. flange angles have 1/4" pack rust in between them at Pier 4N. See Note "1", This Sheet.	Sole plate and inside and outside bott. flange angles have 1/4" to 3/16" pack rust in between them at Pier 3N. See Note "2", This Sheet.	Sole plate and inside and outside bott. flange angles have 1/4" to light pack rust in between them at Pier 4N. See Note "1", This Sheet.	Sole plate and inside and outside bott. flange angles have 1/4" to light pack rust in between them at Pier 3N. See Note "2", This Sheet.	Sole plate and inside and outside bott. flange angles have 1/4" to light pack rust in between them at Pier 4N. See Note "1", This Sheet.	Sole plate and inside and outside bott. flange angles have 1/4" to light pack rust in between them at Pier 3N. See Note "2", This Sheet.
		Sole plate and outside bottom flange angle have pack rust in them at Pier 6N. See Note "1", This Sheet.	Sole plate and outside bott. flange angle have 1/4" pack rust in between them at Pier 5N. See Note "2", This Sheet.	Sole plate and inside bott. flange angle have 1/4" pack rust in between them at Pier 5N. See Note "2", This Sheet.	Sole plate and inside bott. flange angle have 1/4" pack rust in btwn. them at Pier 5N. See Note "2", This Sheet.			Sole plate and inside and outside bott. flange angles have 1/4" pack rust in between them at Pier 4N. See Note "1", This Sheet.	Sole plate and inside and outside bott. flange angles have 1/4" pack rust in between them at Pier 4N. See Note "1", This Sheet.	Sole plate and inside and outside bott. flange angles have 1/4" pack rust in between them at Pier 3N. See Note "2", This Sheet.	Sole plate and inside and outside bott. flange angles have 1/4" pack rust in between them at Pier 3N. See Note "2", This Sheet.		
		Inside top flange angle has 1/8" total loss at top and bott. between stiffener #1 and the end. See Note "3", This Sheet.	Outside top flange angle has 1/8" to 3/16" loss at top and bottom from end to end. See Note "3", This Sheet.	Outside face of the web has 1/8" loss near the bott. between stiff. #1 and the end. See Note "3", This Sheet.	Inside and outside faces of the web have 1/8" loss near the bott. btwn. stiff. #1 and the end. See Note "3", This Sheet.			Inside top flange angle has 1/8" loss at top and bott. between stiffener #1 and the end. See Note "3", This Sheet.	Inside top flange angle has 1/8" loss at top and bott. between stiffener #1 and the end. See Note "3", This Sheet.	Outside top flange angle has 1/8" loss at top and bott. between stiff. #1 and the end. See Note "3", This Sheet.	Inside top flange angle has 1/8" loss at top and bott. between stiff. #1 and the end. See Note "3", This Sheet.		
		Inside and outside bott. flange angles have 1/8" to 3/16" loss at bottom between stiffener #1 and the end. See Note "3", This Sheet.	Inside top flange angle has 1/8" to 3/16" loss at top and end. See Note "3", This Sheet.	Outside top flange angle has 1/8" loss at top and bott. between stiff. #1 and the end. See Note "3", This Sheet.	Inside and outside top flange angles have 1/8" to 3/16" loss at top between stiffener #1 and the end. See Note "3", This Sheet.			Outside bott. flange angle has 1/8" loss at top and bott. between stiff. #1 and the end. See Note "3", This Sheet.	Outside top flange angle has 3/16" total loss at top and bott. between stiffener #1 and the South end. See Note "3", This Sheet.	Outside top flange angle has 1/8" loss at top and bott. between stiff. #1 and the end. See Note "3", This Sheet.	Outside top flange angle has 1/8" loss at top and bott. between stiff. #1 and the end. See Note "3", This Sheet.		
		Inside bott. flange angle has 1/8" loss at top, 3/8" at bott. and a hole btwn. stiff. #15 and the end. For repair, see detail (28)	Inside top flange angle has 1/8" loss at bott. between stiff. #1 - End and #15 - End. See Note "3", This Sheet.	Inside top flange angle has 1/8" loss at bott. between stiffener #1 and the end. See Note "3", This Sheet.	Inside and outside bottom flange angles have 1/8" to 3/16" loss at bott. between stiff. #15 and the end. See Note "3", This Sheet.			Inside bott. flange angle has 1/8" loss at top, 3/8" at bott. and a hole btwn. stiff. #15 and the end. For repair, see detail (28)	Inside top flange angle has 1/8" loss at top and bott. between stiff. #1 and the end. See Note "3", This Sheet.	Outside bott. flange angle has 1/8" loss at top and bott. between stiff. #1 and the end. See Note "3", This Sheet.	Inside top flange angle has 1/8" loss at top and bott. between stiff. #1 and the end. See Note "3", This Sheet.		
		Outside bott. flange angle has 1/8" loss between stiffeners 1-2, 5-6, 12-13 and 14-15 at top. See Note "3", This Sheet.	Outside bott. flange angle has 1/8" loss at top and 3/16" loss at bott. btwn. stiff. #9-10. For repair, see detail (27)	Inside bott. flange angle has 1/8" loss at top and 1/4" loss at bottom btwn. stiff. #1 and the end. See Note "3", This Sheet.	Outside bott. flange angle has 1/8" loss at top and 3/16" loss at bott. btwn. stiff. #1 and the end. For repair, see detail (27)			Outside bott. flange angle has 1/8" loss at top and 3/16" loss at bott. btwn. stiff. #1 and the end. See Note "3", This Sheet.	Outside top flange angle has 1/8" loss at top and bott. between stiff. #1 and the South end. See Note "3", This Sheet.	Outside top flange angle has 1/8" loss at top and bott. between stiff. #1 and the end. See Note "3", This Sheet.	Outside top flange angle has 1/8" loss at top and bott. between stiff. #1 and the end. See Note "3", This Sheet.		
			Inside bott. flange angle has 1/8" loss at top and 1/4" loss at bott. btwn. stiff. #15 and the end. For repair, see detail (28)	Inside bott. flange angle has 1/8" loss at bott. between stiffener #15 and the end. See Note "3", This Sheet.	Inside bott. flange angle has 1/8" loss at top and 1/4" loss at bott. between stiffener #15 and the end. See Note "3", This Sheet.			Inside bott. flange angle has 1/8" loss at top and 1/4" loss at bott. between stiff. #15 and the end. For repair, see detail (28)	Outside top flange angle has 1/8" loss at top and bott. between stiff. #1 and the South end. See Note "3", This Sheet.	Outside top flange angle has 1/8" loss at top and bott. between stiff. #1 and the end. See Note "3", This Sheet.	Outside top flange angle has 1/8" loss at top and bott. between stiff. #1 and the end. See Note "3", This Sheet.		
			Outside bott. flange angle has 1/8" loss at bott. adjacent to sole plate at Pier 5N. See Note "2", This Sheet.	Outside bott. flange angle has 1/8" loss at bott. between stiffener #15 and the end. See Note "3", This Sheet.	Outside bott. flange angle has 1/8" loss at bott. between stiffener #15 and the end. See Note "3", This Sheet.			Outside bott. flange angle has 1/8" loss at top and 3/16" loss at bott. btwn. stiff. #1 and the end. See Note "3", This Sheet.	Outside top flange angle has 1/8" loss at top and bott. between stiff. #1 and the South end. See Note "3", This Sheet.	Outside top flange angle has 1/8" loss at top and bott. between stiff. #1 and the end. See Note "3", This Sheet.	Outside top flange angle has 1/8" loss at top and bott. between stiff. #1 and the end. See Note "3", This Sheet.		
			Outside bott. flange angle has 1/8" total loss at top and bott. btwn. stiffeners 7-8. See Note "3", This Sheet.					Outside bott. flange angle has 1/8" loss at top and 3/16" loss at bott. btwn. stiff. #1 and the end. See Note "3", This Sheet.	Outside top flange angle has 1/8" loss at top and bott. between stiff. #1 and the South end. See Note "3", This Sheet.	Outside top flange angle has 1/8" loss at top and bott. between stiff. #1 and the end. See Note "3", This Sheet.	Outside top flange angle has 1/8" loss at top and bott. between stiff. #1 and the end. See Note "3", This Sheet.		
			Outside bott. flange angle has 1/8" loss at bott. between stiffener #1 and the end. See Note "3", This Sheet.					Outside bott. flange angle has 1/8" loss at top and 3/16" loss at bott. btwn. stiff. #1 and the end. See Note "3", This Sheet.	Outside top flange angle has 1/8" loss at top and bott. between stiff. #1 and the South end. See Note "3", This Sheet.	Outside top flange angle has 1/8" loss at top and bott. between stiff. #1 and the end. See Note "3", This Sheet.	Outside top flange angle has 1/8" loss at top and bott. between stiff. #1 and the end. See Note "3", This Sheet.		
			Outside bott. flange angle has 1/8" loss at bott. between stiffener #1 and the end. See Note "3", This Sheet.					Outside bott. flange angle has 1/8" loss at top and 3/16" loss at bott. btwn. stiff. #1 and the end. See Note "3", This Sheet.	Outside top flange angle has 1/8" loss at top and bott. between stiff. #1 and the South end. See Note "3", This Sheet.	Outside top flange angle has 1/8" loss at top and bott. between stiff. #1 and the end. See Note "3", This Sheet.	Outside top flange angle has 1/8" loss at top and bott. between stiff. #1 and the end. See Note "3", This Sheet.		
		5N	5N TO 4N	Sole plate and inside bott. flange angle have pack rust in between them at Pier 5N. See Note "1", This Sheet.	Sole plate and outside bott. flange angle have pack rust in between them at Pier 4N. See Note "2", This Sheet.			Sole plate and inside bott. flange angle have pack rust in between them at Pier 4N. See Note "2", This Sheet.	Inside top flange angle has 3/16" loss at top between stiffener #1 and the end. See Note "3", This Sheet.	3N	3N TO 2N	Inside and outside top flange angles have 1/8" to 3/16" loss at top btwn. stiffener #15 and the end. See Note "3", This Sheet.	Outside top flange angle has 1/8" loss at top between stiffeners 2-4. See Note "3", This Sheet.
Sole plate and inside bott. flange angle have pack rust in between them at Pier 4N. See Note "2", This Sheet.	Inside and outside bottom flange angles have 1/8" loss at bott. btwn. stiffener #1 and the end. See Note "3", This Sheet.			Inside and outside bottom flange angles have 1/8" to 1/4" loss at bott. adjacent to sole plate at Pier 4N. See Note "2", This Sheet.	Outside bott. flange angle has 3/16" to 1/2" total loss at top and bottom btwn. stiff. #15 and the end. For repair, see detail (28)	Inside top flange angle has 1/8" loss at top between stiffeners 2-4. See Note "3", This Sheet.	Inside and outside top flange angles have 1/8" to 1/4" loss at top between stiffener #1 and the end. See Note "3", This Sheet.	Inside and outside top flange angles have 1/8" to 1/4" loss at top between stiffener #1 and the end. See Note "3", This Sheet.	Outside face of the web has 3/16" loss near the bottom between stiffener #1 and the end. See Note "3", This Sheet.				
Inside bott. flange angle has 1/8" total loss at top and bott. between stiff. #15 and the end. See Note "3", This Sheet.	Inside bott. flange angle has 1/8" loss at bott. between stiffener #15 and the end. See Note "3", This Sheet.			Inside top flange angle has 3/16" loss at top between stiffener #1 and the end. See Note "3", This Sheet.	Outside bott. flange angle has 3/16" to 1/2" total loss at top and bottom between stiffener #1 and the end. See Note "3", This Sheet.	Inside top flange angle has 1/8" loss at top between stiffeners 2-4. See Note "3", This Sheet.	Inside and outside top flange angles have 1/8" to 1/4" loss at top between stiffener #1 and the end. See Note "3", This Sheet.	Inside and outside top flange angles have 1/8" to 1/4" loss at top between stiffener #1 and the end. See Note "3", This Sheet.	Outside face of the web has 3/16" loss near the bottom between stiffener #1 and the end. See Note "3", This Sheet.				
Inside bott. flange angle has 1/8" total loss at top and bott. between stiff. #15 and the end. See Note "3", This Sheet.	Inside bott. flange angle has 1/8" loss at bott. between stiffener #15 and the end. See Note "3", This Sheet.			Inside top flange angle has 3/16" loss at top between stiffener #1 and the end. See Note "3", This Sheet.	Outside bott. flange angle has 3/16" to 1/2" total loss at top and bottom between stiffener #1 and the end. See Note "3", This Sheet.	Inside top flange angle has 1/8" loss at top between stiffeners 2-4. See Note "3", This Sheet.	Inside and outside top flange angles have 1/8" to 1/4" loss at top between stiffener #1 and the end. See Note "3", This Sheet.	Inside and outside top flange angles have 1/8" to 1/4" loss at top between stiffener #1 and the end. See Note "3", This Sheet.	Outside face of the web has 3/16" loss near the bottom between stiffener #1 and the end. See Note "3", This Sheet.				

DESIGNED *of*
CHECKED *R.C.*
DRAWN *Livan*
CHECKED *R.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. Lost incidental to "Cleaning and Painting."



NOTE: Work This Sheet with Sheets 25 thru 32.

BRIDGE NO. 1
STRUCTURE 002-005
FOR INFORMATION ONLY

ILLINOIS APPROACH SPANS
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