STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

MISSOURI APPROACH - PLATE GIRDER REPAIR SCHEDULE

CONTRACT 98939 U.S. RTE. 60 & U.S. RTE. 62 (138D-BR) P-1 ALEXANDER COUNTY

	2150	T	CIPOED	LOCATION			SPAN	PIER	T	GIPOEP	LOCATION	SHEET 32 OF	
	PIER NUMBER	UPSTREAM	DOWNSTREAM	UPSTREAM-INSIDE	DOWNSTREAM-INSIDE	REMARKS		NUMBER	UPSTREAM	DOWNSTREAM		DOWNSTREAM-INSIDE	()
SS DNT.J	75 70 85	Outside bottom florge angle has '8" loss at top between stiffener #15 and the end. See Note "3, This Sheet. Outside face of the web has '4" loss near the batt, btwn. stiff, I- End and btwn. stiff, 15-End. See Note "3, This Sheet.	Inside tape of the web has 4" to 36" loss and holes near the bott. stiffener 15-End. For repair, see detail \$\infty\$ Use A = 25'4," B = 15," n = 8 and nj = 3.				IOS (CONT.	95 TO	Inside face of the web has \$16" loss and outside face has 8" loss near the bottom between stiffener #15 and the end. Use A = 26"4," B =	The web has a hole rear the botton between stiffener #15 and the end. See Note "3", This Sheet. Ourside face of the web has left near the bottom adjacent to stiff 2 and 4	n Inside stifferer #15 has lass of section at bottom. See Note "3," This Sheet.	DOWNSTREAM-INSIDE	
	85 TO 95	bottom flonge angles have light to 'g" pack rust in between them a Pier 9 S. See Note "i," This Sheet.	bottom flange angles have light pack rust in between them of Pler 9S. See Note 1, This Sheet.	Sole plate and inside and outside bottom flange angles have 16" max. pock rust in between them at Pier 85. See Note "2," This Sheet. Sole plate and inside and outside	8" pack rust in between them at Pier 9S, See Note"," This Sheet. Sole plate and inside and outside				Inside and outside top flange on-	Corside stiffener # 6 has losed section at Bottom See Note # This Sheet. Sole plate and outside bott flange.	Sole plate and inside bottom floor	Outside top flange angle has 3is +	· · · · · · · · · · · · · · · · · · ·
		bottom flange angles have 4 ma. pack rust in between them at Pier	bottom flangs angles have '8" max. pock rust in between them at Pier 8.5. See Note "2" This Sheet	bottom flange angles have light pack rust in between them at Pier	to to the second	,	115	10 S TO 11 S	and bottom between stiffener #15 and the end. See Note "3," This Sh.	them at Pier IQS. See Note 2, This Sheet.	angle have pack rust in between them at Pier 10 S. See Note "2", This Sheet. Sinside and outside top flange angles	stiffener #15 and the end. See Note "3". This Sheet.	
		loss at top and ¹ 8" loss at bott, blum stiffener #15 and the end. See Note "3," This Sheet.	loss blun. stiff, 15-End and ¹ 8" loss blun. 14-15 at top. See Note "3," This Sheet.	loss at top and '8" loss at bottom between stiffener #15 and the end. See Note "3," This Sheet.	gles have '8"+ loss at top between				yora i ioss ar rop and parrom prwn,	have 4/6 total loss at top and both between stiffener #15 and the en See Note "3." This Sheet.	have 10" kas at top between stiff. I #15 and the end. See Note "3," This Sheet.	between stiffener #15 and the end. See Note "3," This Sheet.	
		at top and 16" loss at bottom blun, stiffener #15 and the end, See Note 3, This Sheet.	Inside top flange has le" loss at top between stiffener # 14 and the end. See Note "3", This Sheet.	loss at top between stiffener #15 and the end. See Note 3, This Sheet.	loss at top and to loss at bottom between stiffener #15 and the end See Note 3, This Sheet. Outside bottom flange angle has				16 total loss at top and bott blun stiffener [-End. 4 For repair, see detail 26	Langles have 'a" loss at bottom adjacent to sole plate at Pier IOS See Note "2." This Sheet.	8"+ total loss at top and bottom See ween stiffener ≠ I and the end See Nate "3." This Sheet	#15-End See Note "3" This Shoot	
5		loss blum stiff. 15-End and 16" loss blum. 6-7 and 1-End at bott. See Note "3" This Sheet.	and between 15-End. See Note 3." This Sheet	'g" loss at top btwn. stift. I-End and 'le" loss at batt. btwn. 15-End. See Note "3." This Sheet	lg" loss blun, stiff, 15-End and li6" loss blun, I-End at top. See Note"3." This Sheet.	721-00-0			Outside bottom flange ongle has lg loss at both bhwn stiff. I End A le tohal loss at top and both bhm. 15-End. See Note "3", This Sheet. Outside stiffener #2 has salless	sole plate at Pier II S. See Note "I," This Sheet.	lass at top and baltom between stiffener #15 and the end See Note "3," This Sheet.	Inside and outside faces of the web have 14" to 516" loss near the bott. between stiffener #15 and the end. Use A = 1914, B=9, n=	
		total loss at top and batt, blwn. stiffener ≠15 and the end. See Note 3, This Sheet.	lost '4" of its outer edge between stiffener #1 and the end. See Note '3," This Sheet.		near the bottom between stiffener				of section of bottom See Note 3, This Sheet:	of section at bottom. See Note "3," This Sheet.	3is" total loss at top and bottom between stiffener #15 and the end See Note "3". This Sheet.	For repair, see detail (25)	
		Inside bottom flange angle has ¹ 4" loss at bottom adjacent to sole plate at Pier 85. See Note "2", This Sheet.	3/6" loss between stiffener ≥ 1 and the end. See Note "3," This Sheet.	Inside bottom flange angle has la"+ loss at top between stiffener ≠1 and the end. See Nate 3". This Sheet.					See Note 5, This Sheet	See Note 3, This Sheet	loss near the bottom between stift #15 and the end. See Note "3," This Sheet.		
		See Note 3, This Sheet	bottom between sliffener #15 and the end. See Note "3," This Sheet.	See Note "3," This Sheet.	·				The web has a hole near the bott, between stiffener #15 and the end. Use A = 20 4", B = 12 2", n = 6 and n ₁ = 2	and holes near the bottom between stiffener #15 and the end. Use A = 1944" B = 12", n = 6			,
		near the bottom between stiffener #1 and the end. See Note "3," This Shaet.		near the bottom between stiffener #15 and the end . See Note "3," This Sheet.	·	• •				and nj = 2. For repair, see detail (25)			
		bottom flange angles have 4"max, pack rust in between them at Pier 95. See Note "2", This Sheet.	bottom flange angles have 'a" poch rust in between them at Pier IOS. See Note "I" This Sheet	So le plate and inside and outside bottom flange angles have '4"max pack rust in between them at Pler 9S. See Note "2", This Sheet.	bottom flange angles have '6"max. pack rust in between them at Pier 10 S. See Note "f," This Sheet.		125		Outside face of the web has ¹ 4" loss and inside face has ³ 16" loss near the bottom between slift.# I and the end. See Note "3," This Sh.				
	95 TO IOS	bottom flange angles have light to a "pack rust in between them at Pier 10 S. See Note "1," This Sheet.	bottom flonge angles have '8" max. pack rust in between them at Pier 9 S. See Note "2," This Sheet.	Sole plate and inside and outside bottom thange angles have "a" pack rust in between them at Pier IOS. See Note "(" This Sheet.	pottom flange angles have '8" max. pack rust in between them at Pier 95. See Note "2" This Sheet.			// S	See Note "I," This Sheet.	a pack rust in between them at Pier II S. See Note "2." This Sh.	'4" pack rust in between them at Pier [15, See Note "2," This Sh.	in between them at Pier I2S. See Note "I". This Sheet.	
		have le" to le" loss at top between stiffener #15 and the end. See Note "3". This Sheet.	lass bhm. stiff. 15-End, 3/6"loss faner #15 and the end. Note "3," This Sheet. Idea bottom flange angle has loss bhm. 14-18 and loss than fe'nos bhm. 14 and North End at hop. See Note "3," This Sheet. See Note "3," This Sheet. End and 16" to 18" loss bhm. 6-9, II-12 & End and 16" to 18" loss bhm.	See Note 3, This Sheet.	have '6" loss at top between stiff. #15 and the end. See Note "3," This Sheet.				See Note "2" This Sheet	them at Pier 12 S. See Note "I." This Sheet.	them at Pier 125. Sea Note "I." This Sheet.	them of Pier II S. See Note "2". This Sheet.	
os		& 14-15, '8" lass blun. 6-8, II-12 & 15-End and '16" to '8" loss blun.			8" loss at top between stiffener F15 and the end. See Note "3," This Sheet.				See Note "3," This Sheet.	have 'a" lass at top between stiff, #15 and the end. See Note "3", This Sheet.	gles have '8" loss at top between stiffener #15 and the end. See Note "3," This Sheet.	loss at top between stiffener # 15 and the end. See Note "3," This Sheet.	
1			at top between stiffener #15 and the end. See Nate "3." This Sheet.	See Note "3," This Sheet.	loss at top blum. stiff, I-End and 9" to tot loss at top and batt. blum. 5-End. See Note "3," This Sheet.			125		³ 16" loss blwn. stiff. 15-End and la" loss blwn. stiff. 1-End at bottom. See Note "3," This Sheet.	³ 16 [™] 10ss at top between stiffener ≠15 and the end. See Note "3," This Sheet.	316" loss at top and 18" loss at bottom between stiffener #15 and the end, See Note"3,"This Sh.	
		Income the said latter of Author	316" loss of bottom adjacent to	Inside fore of the set hos 35"	between stiffener #15 and the end			1	For repair, see detail (25)	's" loss at bottom between stiff. I-End. See Note "3", This Sheet. "Outside stiffeners 2, 9 and 10	's" lass at bottom between stiff. I and the end: See Note "3," This Sheet. Cutside bottom floors couls has	Inside bottom flonge angle has 4ª lass at bottom adjacent to sale plate at Pler II S. See Note "2," This Sheet. Inside bottom flonge angle has	
		bhm. 15 -End at top. See Note '3, This Sheet. Inside face of the web has Jin Taxs	loss bivm. 3-4 and 7- South End at top. See Note "3," This Sheet. Inside bottom flamme angle has le"				,	's" loss at bottom adjacent to sole plate at Pier II S. See Note "2," This Sheet,	have 30% loss of section of bott. See Note This Sheet.	stiffener #15 and the end.	316" loss at top between stifferer ≠15 and the end. See Note "3," This Sheet.	····	
		near the top between stillener# 15 and the end.	loss of top between stiffener #	loss near the bottom between stiffener #1 and the end. See Note 3," This Sheet.				-					

DESIGNED CHECKED PFC. CHECKED P.F.C./FS

Clean girder and 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"

LEGEND

BRIDGE NO. 1 STRUCTURE 002-0005 FOR INFORMATION ONLY

MISSOURI APPROACH SNS GIRDER REPAIR SCHEDULE F.A.U.S. Rte. 9811 (U.S. 60 & 62) S.B.I. 150 SECTION 1380-BR ALEXANDER CO., IL. MISSISSIPPI CO., MO. STATION 28+13.08

NOTE: Work This Sheet with Sheets 25 thru 32.