

TRUSS SPANS - STRINGER REPAIR SCHEDULE

PANEL PT. NO.	PANEL NUMBER	STRINGER LOCATION				REMARKS	PANEL PT. NO.	PANEL NUMBER	STRINGER LOCATION				REMARKS	
		UPSTREAM	DOWNSTREAM	UPSTREAM-INSIDE	DOWNSTREAM-INSIDE				UPSTREAM	DOWNSTREAM	UPSTREAM-INSIDE	DOWNSTREAM-INSIDE		
83	84	The bottom clip angle is rusted. See detail (15/40) for repair.	The bottom clip angle is rusted. See detail (15/40) for repair.	Outside face of the web has thin area near the bottom end, the bottom clip angle is rusted. See details (23/41) and (16/40). Use A = 11", B = 9", n = 46, n1 = 2.	Outside face of the web has thin area near the bottom end, the bottom clip angle is rusted. See details (23/41) and (16/40). Use A = 7", B = 9", n = 30, n1 = 2.		90 (CONT.)	90 (CONT.)		Outside face of the web has thin area and holes near the bottom end. See bottom of previous column for repair.				
				Inside face of the web has thin area near the bottom end. See above for repair.	Inside face of the web has thin area near the bottom end. See above for repair.		90	91		The inside vertical connection angle has thin area near the bottom end. See detail (25/41) for repair.	Outside face of the web has thin area near the top and bottom ends. See Note "I" This Sheet.	The bottom clip angle is rusted. See detail (16/40) for repair.	The bottom clip angle is rusted. See detail (16/40) for repair.	
85	85	The bottom clip angle is rusted. See detail (15/40) for repair.	Inside face of the web has thin area near the bottom end, the bottom clip angle is rusted. See details (19/40) and (22/41). Use A = 24", B = 9", n = 7, n1 = 2.	The bottom clip angle is rusted. See detail (15/40) for repair.	Outside face of the web has thin area near the bottom end, the bottom clip angle is rusted. See details (23/41) and (16/40). Use A = 24", B = 9", n = 7, n1 = 2.									
		The web has a hole near the top end. See Note "I" This Sheet.			Inside face of the web has thin area near the top end. See Note "I" This Sheet.									
85	86	The bottom clip angle is rusted. See detail (15/40) for repair.	Inside face of the web has thin area near the bottom end, the bottom clip angle is rusted. See details (22/41) and (19/40). Use A = 24", B = 9", n = 7, n1 = 2.	The bottom clip angle is rusted. See detail (15/40) for repair.	The bottom clip angle is rusted. See detail (16/40) for repair.									
		Inside face of the web has thin area near the top end. See detail (19/40) for repair. Use A = 12", B = 9", n = 3, n1 = 2.			Outside face of the web has thin area near the top end. See Note "I" This Sheet.									
		Outside face of the web has thin area near the top end. See above for repair.												
86	86	The bottom clip angle is rusted. See detail (15/40) for repair.	The bottom clip angle is rusted. See detail (15/40) for repair.	The bottom clip angle is rusted. See detail (16/40) for repair.	The bottom clip angle is rusted. See detail (16/40) for repair.									
87	88	The slip stringer is being replaced. See Sheets 69 and 70 for details.	The slip stringer is being replaced. See Sheets 69 and 70 for details.	The slip stringer is being replaced. See Sheets 69 and 70 for details.	The slip stringer is being replaced. See Sheets 69 and 70 for details.									
88	88	Outside face of the web has thin area near the bottom end, the bottom clip angle is rusted. See details (22/41) and (16/40). Use A = 24", B = 9", n = 7, n1 = 2.	Inside face of the web has thin area near the bottom end, the bottom clip angle is rusted. See details (23/41) and (19/40). Use A = 54", B = 9", n = 17, n1 = 2.	The bottom clip angle is rusted. See detail (16/40) for repair.	The bottom clip angle is rusted. See detail (16/40) for repair.									
			Outside face of the web has thin area and holes near the bottom end. See above for repair.											
88	89	The bottom clip angle is rusted. See detail (15/40) for repair.	Outside face of the web has a crack near the bottom end, the bottom clip angle is rusted. See details (23/41) and (19/40). Use A = 18", B = 9", n = 5, n1 = 2.	The bottom clip angle is rusted. See detail (16/40) for repair.	The bottom clip angle is rusted. See detail (15/40) for repair.									
89	89	The bottom clip angle is rusted. See detail (15/40) for repair.	The bottom clip angle is rusted. See detail (15/40) for repair.	The bottom clip angle is rusted. See detail (16/40) for repair.	The bottom clip angle is rusted. See detail (16/40) for repair.									
90	90		Inside face of the web has thin area near the bottom end. See detail (23/41) for repair. Use A = 18", B = 9", n = 5, n1 = 2.	The bottom clip angle is rusted. See detail (16/40) for repair.										
							91	91		The bottom clip angle is rusted. See detail (15/40) for repair.	The bottom clip angle is rusted. See detail (15/40) for repair.	The bottom clip angle is rusted. See detail (16/40) for repair.		
							92	92		Inside face of the web has thin area and a hole near the bottom end, the bottom clip angle is rusted. See details (19/40) and (22/41). Use A = 30", B = 9", n = 9, n1 = 2.	Outside face of the web has thin area near the bottom end, the bottom clip angle is rusted. See details (19/40) and (22/41). Use A = 39", B = 9", n = 12, n1 = 2.	The bottom clip angle is rusted. See detail (16/40) for repair.	Outside face of the web has thin area near the bottom end, the bottom clip angle is rusted. See details (16/40) and (23/41). Use A = 24", B = 9", n = 7, n1 = 2.	
										Inside face of the web has thin area near the bottom end. See above for repair.		Inside face of the web has thin area and a hole near the bottom end. See above for repair.		
							92	93		Inside face of the web has thin area near the bottom end, the bottom clip angle is rusted. See details (19/40) and (22/41). Use A = 30", B = 9", n = 9, n1 = 2.	The bottom clip angle is rusted. See detail (15/40) for repair.	The bottom clip angle is rusted. See detail (16/40) for repair.	Outside face of the web has thin area near the bottom end, the bottom clip angle is rusted. See details (16/40) and (23/41). Use A = 60", B = 9", n = 19, n1 = 2.	
										The stringer is being replaced. See detail (26/42) for repair.				
							93	93		The bottom clip angle is rusted. See detail (15/40) for repair.	The bottom clip angle is rusted. See detail (15/40) for repair.	The bottom clip angle is rusted. See detail (16/40) for repair.		Panel Point 93 at Panel 94 has a rivet missing at the Upstream stringer connection to the floor beam. Replace with 3/8" H.S. bolt, Hex. nut and washer.
										See Remarks				Downstream - Inside: The bottom clip angle is rusted. See detail (16/40) for repair.
							94	94		Outside face of the web has thin area and a hole near the bottom end, the bottom clip angle is rusted. See details (19/40) and (23/41). Use A = 15", B = 15", n = 5, n1 = 4.	Outside face of the web has thin area near the bottom end, the bottom clip angle is rusted. See detail (19/40). Use A = 24", B = 9", n = 7, n1 = 2.	Inside face of the web has thin area near the bottom end, the bottom clip angle is rusted. See detail (16/40). Use A = 24", B = 9", n = 7, n1 = 2.	Outside face of the web has thin area near the bottom end. See Note "I" This Sheet.	
										Inside face of the web has thin area near the top end. See Note "I" This Sheet.				
							94	95		The bottom clip angle is rusted. See detail (15/40) for repair.	Outside face of the web has thin area and holes near the bottom end, the bottom clip angle is rusted. See details (19/40) and (23/41). Use A = 39", B = 12", n = 12, n1 = 3.	Outside face of the web has thin area near the bottom end, the bottom clip angle is rusted. See details (16/40) and (24/41). Use A = 27", B = 9", C = 20", n = 8, n1 = 2.	The bottom clip angle is rusted. See detail (16/40) for repair.	
										Inside face of the web has thin area near the top end. See detail (19/40) for repair.		Outside face of the web has thin area near the bottom end. See Note "I" This Sheet.		
							95	95		The bottom clip angle is rusted. See detail (15/40) for repair.	The bottom clip angle is rusted. See detail (15/40) for repair.	The bottom clip angle is rusted. See detail (16/40) for repair.	The bottom clip angle is rusted. See detail (16/40) for repair.	
							95	96		The bottom clip angle is rusted. See detail (15/40) for repair.	The bottom clip angle is rusted. See detail (15/40) for repair.			

NOTE: Work This Sheet with Sheets 40 thru 42, 69 and 70.

DESIGNED *L. Schaub*
CHECKED *L. Schaub*
DRAWN *L. Schaub*
CHECKED *L. Schaub*

NOTE:
1. Contractor to clean the thin area and remove all rust, foreign material and all old paint down to the bare metal.

BRIDGE NO. 1
STRUCTURE 002-0005
FOR INFORMATION ONLY

TRUSS SPAN
STRINGER 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