STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONTRACT 98939
U.S. RTE. 60 & U.S. RTE. 62
(138D-BR) P-1
ALEXANDER COUNTY
SHEET 37 OF 85

ILLINOIS APPROACH - PLATE GIRDER BEARING REPAIR SCHEDULE

SPAN NUMBER	PIER NUMBER	GIRDER LOCATION UPSTREAM	GIRDER LOCATION DOWNSTREAM	GIRDER LOCATION UPSTREAM-INSIDE	GIRDER LOCATION DOWNSTREAM-INSIDE	REMARKS
21N	N. ABUT. TO 20N	Inside anchor bolt has 50% loss of section at Pier 20N. See Expansion Bearing Replacement Detail, Sheet 32	Sole and base plates have 1/8" pack rust in between them on the outside at Pier 20N. See Exp. Brg. Replacement Detail, Sheet 32	Shim plate between sole plate and riser block has 50% loss of section. Sole plate has minimum 1/8" loss of section at bottom at North Abut. See Abutment Bearing Replacement Details, Sheet 31	Shim plate between sole plate and riser block has 50% loss of section. Sole plate has minimum 1/8" loss of section at bottom at North Abut. See Abutment Bearing Replacement Details, Sheet 31	
		Shim plate between sole plate and riser block has 50% loss of section. Sole plate has minimum 1/8" loss of section at bottom at North Abut. See Abutment Bearing Replacement Details, Sheet 31	Shim plate between sole plate and riser block has 50% loss of section. Sole plate has minimum 1/8" loss of section at bottom at North Abut. See Abutment Bearing Replacement Details, Sheet 31			
20N	20N TO 19N	Base plate has 1/8" loss of section at top on the inside and the inside anchor bolt is missing at Pier 19N. See Expansion Bearing Replacement Detail, Sheet 32	Sole and base plates have 1/8" pack rust in between them on the inside at Pier 20N. See Note "1," This Sheet.			
			Inside and outside anchor bolts are missing at Pier 19N. See Expansion Bearing Replacement Detail, Sheet 32			
19N	19N TO 18N	Inside anchor bolt has 50% loss of section at Pier 18N. See Expansion Bearing Replacement Detail, Sheet 32	Inside anchor bolt has 50% loss of section at Pier 18N. See Expansion Bearing Replacement Detail, Sheet 32			
18N	18N TO 17N	Inside anchor bolt has 50% loss of section and sole plate is rusted considerably at Pier 17N. See Exp. Brg. Replacement Detail, Sheet 32	Inside anchor bolt has 50% loss of section and sole plate is rusted considerably at Pier 17N. See Exp. Brg. Replacement Detail, Sheet 32	Inside and outside anchor bolts are missing and sole plate is rusted considerably at Pier 17N. See Exp. Brg. Replacement Detail, Sheet 32	Inside and outside anchor bolts are missing and sole plate is rusted considerably at Pier 17N. See Exp. Brg. Replacement Detail, Sheet 32	
17N	17N TO 16N	Inside anchor bolt is missing and outside anchor bolt has 50% loss of section at Pier 16N. See Exp. Brg. Replacement Detail, Sheet 32	Sole plate is rusted considerably on the outside at Pier 17N. See Note "1," This Sheet.	Inside anchor bolt is missing at Pier 16N. See Expansion Bearing Replacement Detail, Sheet 32		
			Inside anchor bolt is missing at Pier 16N. See Expansion Bearing Replacement Detail, Sheet 32			
16N	16N TO 15N	Sole and base plates have pack rust in between them on the inside and the inside anchor bolt has loss of section at Pier 15N. Sole plate is raised off of base plate. See Exp. Bearing Replacement Detail, Sheet 32	Inside anchor bolt has loss of section at Pier 15N. See Expansion Bearing Replacement Detail, Sheet 32	Sole and base plates have pack rust in between them on the inside at Pier 15N. See Expansion Bearing Replacement Detail, Sheet 32	Sole and base plates have pack rust in between them on the outside at Pier 15N. See Expansion Bearing Replacement Detail, Sheet 32	
15N	15N TO 14N	Sole and base plates have pack rust in between them on the inside at Pier 15N. See Note "1," This Sheet.	Inside and outside anchor bolts have loss of section at Pier 14N. See Expansion Bearing Replacement Detail, Sheet 32	Sole and base plates have pack rust in between them on the inside at Pier 15N. See Note "1," This Sheet.	Sole and base plates have pack rust in between them on the outside at Pier 15N. See Note "1," This Sheet.	
		Sole and base plates have pack rust in between them on the outside and the inside and outside anchor bolts have 50% loss of section at Pier 14N. See Expansion Bearing Replacement Detail, Sheet 32			Sole and base plates have 6"pack rust in between them on the inside at Pier 14N. See Expansion Brg. Replacement Detail, Sheet 32	
14N	14N TO 13N	Outside anchor bolt has loss of section at Pier 14N. For repair, see detail (7/31)	Inside and outside anchor bolts have loss of section at Pier 13N. See Expansion Bearing Replacement Detail, Sheet 32			
		Sole and base plates have pack rust in between them on the outside at Pier 14N. Sole plate is raised 1/8" off of base plate. See Remarks				Upstream: Provide positive bearing by tightening anchor bolts. Cost incidental.
13N	13N TO 12N	Inside anchor bolt has 50% loss of section at Pier 12N. See Expansion Bearing Replacement Detail, Sheet 32	Inside anchor bolt has 50% loss of section at Pier 12N. See Expansion Bearing Replacement Detail, Sheet 32	Outside anchor bolt is missing at Pier 12N. See Expansion Bearing Replacement Detail, Sheet 32	Inside and outside anchor bolts are missing at Pier 12N. See Expansion Bearing Replacement Detail, Sheet 32	
		Inside anchor bolt has 50% loss of section at Pier 11N. See Expansion Bearing Replacement Detail, Sheet 32	Sole and base plates have pack rust in between them on the outside at Pier 12N. See Note "1," This Sheet.	Sole and base plates have pack rust in between them on the outside and the outside anchor bolt is missing at Pier 11N. See Exp. Bearing Replacement Detail, Sheet 32	Sole and base plates have pack rust in between them on the inside and the outside anchor bolt is missing at Pier 11N. See Expansion Brg. Replacement Detail, Sheet 32	
12N	12N TO 11N		Inside and outside anchor bolts have over 50% loss of section at Pier 11N. See Expansion Bearing Replacement Detail, Sheet 32			
				Sole and base plates have pack rust in between them on the outside at Pier 12N. See Note "1," This Sheet.		

SPAN NUMBER	PIER NUMBER	GIRDER LOCATION UPSTREAM	GIRDER LOCATION DOWNSTREAM	GIRDER LOCATION UPSTREAM-INSIDE	GIRDER LOCATION DOWNSTREAM-INSIDE	REMARKS
11N	11N TO 10N	Inside anchor bolt has 50% loss of section at Pier 10N. See Expansion Bearing Replacement Detail, Sheet 32	Inside anchor bolt has 50% loss of section at Pier 10N. See Expansion Bearing Replacement Detail, Sheet 32	Inside and outside anchor bolts are missing at Pier 10N. See Expansion Bearing Replacement Detail, Sheet 32	Sole and base plates have 1/8" pack rust in between them on the inside and the inside and outside anchor bolts are missing at Pier 10N. See Expansion Bearing Replacement Detail, Sheet 32	
10N	10N TO 9N	Sole and base plates have pack rust in between them on the inside at Pier 10N. See Note "1," This Sheet.	Inside anchor bolt is missing and the outside anchor bolt has loss of section at Pier 9N. See Exp. Brg. Replacement Detail, Sheet 32	Sole and base plates have pack rust in bhwn. them on the inside and the inside anchor bolt has loss of section at Pier 9N. See Exp. Brg. Rep. Det., Sh. 32	Sole and base plates have pack rust in between them on the outside at Pier 9N. See Expansion Bearing Replacement Detail, Sheet 32	
				Sole and base plates have pack rust in between them on the inside at Pier 10N. See Note "1," This Sheet.		
9N	9N TO 8N	Inside anchor bolt has 75% loss of section at Pier 8N. See Expansion Bearing Replacement Detail, Sheet 32	Inside anchor bolt has 75% loss of section at Pier 8N. See Expansion Bearing Replacement Detail, Sheet 32	Base plate has 1/4" loss of section at top on the inside and the inside and outside anchor bolts are missing at Pier 8N. See Expansion Bearing Replacement Detail, Sheet 32	Base plate has 1/4" loss of section at top on the outside and the inside and outside anchor bolts are missing at Pier 8N. See Expansion Brg. Replacement Detail, Sheet 32	
8N	8N TO 7N	Sole and base plates have pack rust in between them on the outside and the inside anchor bolt has 50% loss of section at Pier 7N. See Exp. Bearing Replacement Detail, Sheet 32	Sole and base plates have pack rust in between them on the outside and the inside anchor bolt has 50% loss of section at Pier 7N. See Exp. Bearing Replacement Detail, Sheet 32	Outside anchor bolt has 50% loss of section at Pier 8N. For repair, see detail (8/31)		
7N	7N TO 6N	Inside anchor bolt is missing and the outside anchor bolt has loss of section at Pier 6N. See Exp. Brg. Replacement Detail, Sheet 32	Inside and outside anchor bolts have loss of section at Pier 6N. See Expansion Bearing Replacement Detail, Sheet 32			
6N	6N TO 5N	Outside anchor bolt has 50% loss of section at Pier 6N. For repair, see detail (7/31)	Outside anchor bolt has 50% loss of section at Pier 6N. For repair, see detail (7/31)	Sole and base plates have 4"pack rust in between them on the inside and the inside and outside anchor bolts are missing at Pier 5N. See Expansion Bearing Replacement Detail, Sheet 32	Inside and outside anchor bolts have 50% loss of section at Pier 5N. See Exp. Brg. Replacement Detail, Sheet 32	
		Inside anchor bolt is missing at Pier 5N. See Expansion Bearing Replacement Detail, Sheet 32	Base plate has 1/16" loss of section at top on the outside, the outside anchor bolt is bent and the inside anchor bolt has 80% loss of section at Pier 5N. See Expansion Bearing Replacement Detail, Sheet 32			
		Inside anchor bolt has 50% loss of section at Pier 6N. For repair, see detail (8/31)		Outside anchor bolt has 75% loss of section at Pier 6N. For repair, see detail (8/31)		
5N	5N TO 4N	Inside anchor bolt has loss of section at Pier 4N. See Expansion Bearing Replacement Detail, Sheet 32	Inside anchor bolt is missing and the outside anchor bolt has loss of section at Pier 4N. See Exp. Brg. Replacement Detail, Sheet 32		Inside and outside anchor bolts have loss of section at Pier 4N. See Expansion Bearing Replacement Detail, Sheet 32	
4N	4N TO 3N	Sole and base plates have 1/8" pack rust in between them on the inside and outside at Pier 4N. See Note "1," This Sheet.	Sole and base plates have 1/8" pack rust in between them on the outside at Pier 4N. See Note "1," This Sheet.	Sole and base plates have 1/4" pack rust in between them on the inside and outside and the inside and outside anchor bolts are missing at Pier 3N. See Expansion Bearing Replacement Detail, Sheet 32	Inside anchor bolt is missing and the outside anchor bolt has 50% loss of section at Pier 3N. See Expansion Bearing Replacement Detail, Sh. 32	
		Sole and base plates have 1/8" to 1/4" pack rust in between them on the inside and outside, the inside anchor bolt is missing and the outside anchor bolt has 50% loss of section at Pier 3N. See Expansion Bearing Replacement Detail, Sheet 32	Sole and base plates have 1/8" to 3/16" pack rust in between them on the inside and outside, the inside anchor bolt is missing and the outside anchor bolt has 50% loss of section at Pier 3N. See Expansion Bearing Replacement Detail, Sheet 32			
3N	3N TO 2N	South end of the sole plate has loss of section on the outside and the inside and outside anchor bolts have loss of section at Pier 2N. See Expansion Bearing Replacement Detail, Sheet 32	Base plate has 1/2" loss of section at top on the outside at Pier 2N. There is movement with traffic. See Expansion Bearing Replacement Detail, Sheet 32	Outside anchor bolt has loss of section at Pier 3N. For repair, see detail (8/31)	Inside anchor bolt has loss of section and the outside anchor bolt is missing at Pier 2N. See Expansion Bearing Replacement Detail, Sheet 32	
				South end of the sole plate has loss of section on the outside, South end has loss of section on the inside, and the inside and outside anchor bolts are missing at Pier 2N. See Expansion Bearing Replacement Detail, Sheet 32		
			Outside anchor bolt has loss of section and the inside anchor bolt is missing at Pier 2N. See Expansion Bearing Replacement Detail, Sheet 32			

NOTE:
1. Clean and remove all rust, foreign material and old paint down to the bare metal. Cost incidental to "Cleaning and Painting."

DESIGNED Lamarie
CHECKED R.F.C.
DRAWN Lamarie
CHECKED R.F.C. - F.S.

BRIDGE NO. 1
STRUCTURE 002-0005
FOR INFORMATION ONLY

ILLINOIS APPROACH S[illegible]S
BEARING 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