



**ILLINOIS APPROACH REPAIR SCHEDULE - 1**

ID. NO.	Item	Location	Action
-	Structure Painting	Entire Structure - select locations	Clean and paint repair areas and 5' on each side of deck joints; the existing paint system may contain lead
-	Drainage System	Entire Structure	Replace/Repair drainage system; extend downspouts; clean out drains and drainage system
-	Miscellaneous Steel Repairs	Various members	Remove miscellaneous steel welded to structural members; replace defective fasteners
-	Concrete Median Barrier	Pier 11 to Bent 18	Repair median tie rods
1	Joint	Pier 13	Replace finger joint trough
2	Joints	Pier 12 and Bent 18	Replace neoprene joints with strip seals
3	Joint	Bent 17	Replace preformed joint with strip seal
4	Concrete Deck Repairs	Pier 11 to Bent 18	Perform partial depth concrete repairs; seal concrete deck
8	Bearing	Bent 17 at Beam 3; Bent 18 at Beam 4	Shim gap between bearing plates; replace tap bolts
9	Bearing	Bent 18 N. Column Base	Clean bearing surfaces at column bases
11	Steel Columns and Bents	Bent Cap 13; Bent Cap 17; Bent 17 N. Column; Bent Cap 18; Bent 18 N. Column	Repair and/or strengthen caps and columns
14	Substructure	Pier 12 and Bent 18	Formed concrete repair
28	Bottom Lateral Connection Plates	Span 12 UOS-LIN at LIN; UON-LIS at LIS; LIN-L2S at LIN; LIS-L2N at LIS Span 13 LOS-LIN at LIN; LIN-L2S at LIN	Replace bottom lateral connection plates
29	Floorbeams	Spans 12 and 13	Strengthen floorbeams (All 18)
30	Beams	Span 18	Strengthen beams 2, 3, 4, 5 and 6
31	Bearings	Span 17 at Bent 17, Beams 2 and 6; Bent 18, North Column at Base	Remove pack rust

**CURVE DATA**

Curve No. 3  
P.I. Sta. = 31+22.79  
 $\Delta = 3^{\circ}00'03''$  (RT)  
 $D = 0^{\circ}42'00''$   
 $R = 8185.11'$   
 $T = 214.39'$   
 $L = 428.69'$   
 $E = 2.81'$   
P.C. Sta. = 29+08.40  
P.T. Sta. = 33+37.09

Note:  
For 2013 NBIS defect item number and sheet reference, see sheets S4 and S5.



USER NAME =	DESIGNED - MEL	REVISED
	CHECKED - CDB	REVISED
PLOT SCALE =	DRAWN - AEC	REVISED
PLOT DATE = 03/28/2014	CHECKED - JMH	REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION - ILLINOIS APPROACH REPAIRS 1  
S.N. 082-6001 MLK BRIDGE OVER MISSISSIPPI RIVER

F.A.P. RTE. 799	SECTION 1BR, DRS-2	COUNTY ST. CLAIR	TOTAL SHEETS 156	SHEET NO. 28
CONTRACT NO. 76B03			ILLINOIS FED. AID PROJECT	

SHEET NO. S10 OF S138 SHEETS