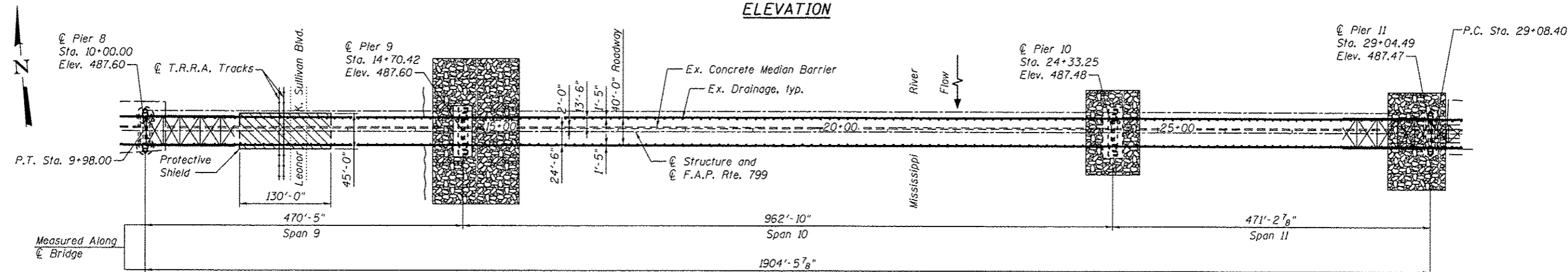


ELEVATION



PLAN

MAIN SPAN REPAIR SCHEDULE

ID. NO.	Item	Location	Action
-	Structure Painting	Entire Structure - select locations	Clean and paint splash zone, bottom chord, repair areas, 5' on each side of deck joints, and wind transfer device; the existing paint system may contain lead
-	Drainage System	Entire Structure	Repair/replace 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	Span 9-10 LO to L17, Span 10-11 L17' to LO'	Repair median tie rods
1	Joints	Pier 8, Panel Point 22', Pier 11	Replace finger plate troughs; reset finger plate joint at PP22' and Pier 11
4	Concrete Deck Repairs	Span 9-10 LO to L17, Span 10-11 L17' to LO'	Perform partial depth concrete repairs; seal concrete deck
12	Grid Deck Replacement	Span 10 L17 to L17'	Replace existing grid deck, stringers, and concrete median barrier
13	Aluminum Parapet	Outside limits of grid deck replacement	Install new posts, reuse/replace aluminum skin plate as required; replace fasteners
14	Substructure	Piers 8 and 10	Formed concrete repair
15	Pier	Pier 11	Fill void behind armor plate with polymer concrete
16	Piers	Piers 9, 10 and 11	Seal vertical cracks; place riprap

Notes:  
 For 2013 NBIS defect item number and sheet reference, see sheets S4 and S5.  
 For guide pin plate repairs see sheet S8.  
 For gusset plate strengthening/repairs see sheet S8.  
 For floorsystem repairs see sheet S9.  
 For navigation/decorative lighting repair/removal see sheet S12.



USER NAME :	DESIGNED - MEL	REVISED
PLOT SCALE :	CHECKED - COB	REVISED
PLOT DATE : 05/02/2014	DRAWN - AEC	REVISED
	CHECKED - JMH	REVISED

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
799	1BR, DRS-2	ST. CLAIR	156	25
CONTRACT NO. 76B03				
ILLINOIS FED. AID PROJECT				