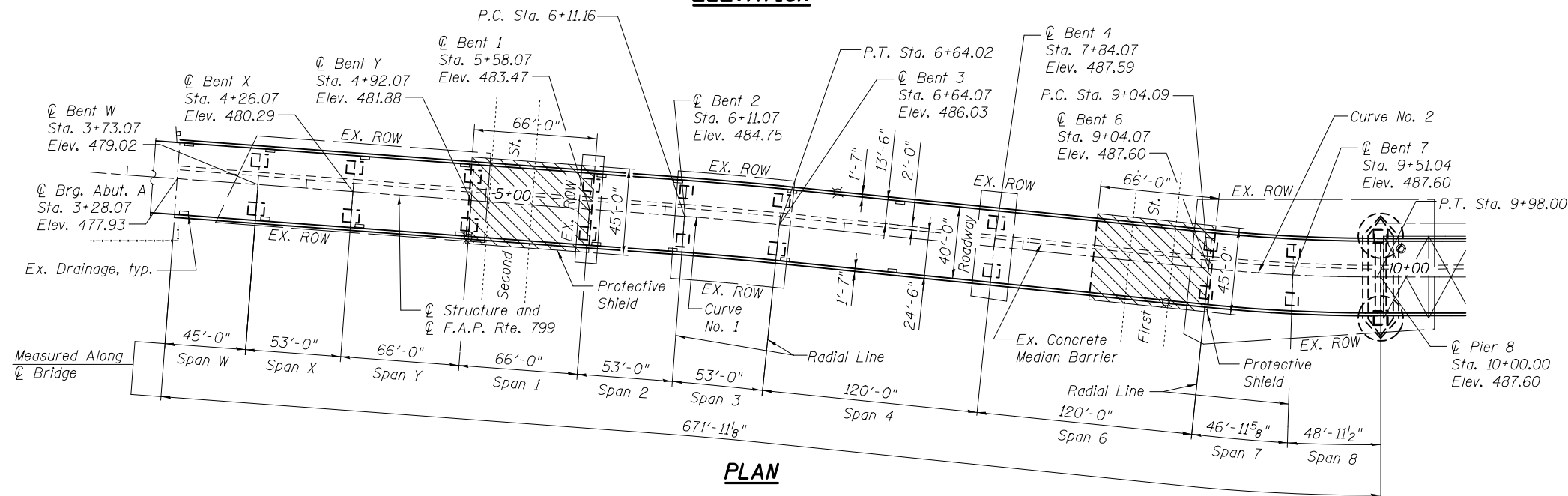
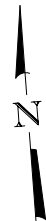


**ELEVATION**

**CURVE DATA**

Curve No. 1  
 P.I. Sta. = 6+37.59  
 $\Delta = 1^\circ 35' 09''$  (LT)  
 $D = 3^\circ 00' 00''$   
 $R = 1909.86'$   
 $T = 26.43'$   
 $L = 52.86'$   
 $E = 0.18'$   
 P.C. Sta. = 6+11.16  
 P.T. Sta. = 6+64.02

Curve No. 2  
 P.I. Sta. = 9+51.09  
 $\Delta = 5^\circ 52' 10''$  (RT)  
 $D = 6^\circ 15' 00''$   
 $R = 916.73'$   
 $T = 47.00'$   
 $L = 93.91'$   
 $E = 1.20'$   
 P.C. Sta. = 9+04.09  
 P.T. Sta. = 9+98.00



**PLAN**

**MISSOURI APPROACH REPAIR SCHEDULE**

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	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	Abutment A to Pier 8	Repair median tie rods
1	Joint	Abutment A	Replace finger joint trough
2	Joint	Span 6 at Hinge	Replace neoprene joint with strip seal
3	Joints	Bents W, 2, 3 and 6	Replace preformed joints with strip seals
4	Concrete Deck Repairs	Abutment A to Pier 8	Perform partial depth concrete repairs; seal concrete deck
5	Diaphragm Repair	Span 8 between Beams 5 and 6	Replace diaphragm with excessive offset
6	Stringers	Span 6 Stringers S2 and S6 between Girders G1 and G3 and G5 and G7	Install cross beams to provide additional support
7	Bearings	Bent W, Beams 5 and 7; Bent 2, Beam 3	Repair broken welds
8	Bearings	Bent W, Beams 2, 3, 4, 5, 6 and Bent 2, Beam 4, Spans 2 and 3	Shim gaps between bearing surfaces; repair offset bearing
9	Bearings	Bent 7 N. and S. Column	Clean bearing surfaces at column bases
10	Rocker Bearing	Span 6 Girders 2 and 3 at Hinge	Reset bearings to adjust inclination
11	Steel Columns and Bents	Bent W Cap; Bent W S. Column; Bent 1 N. Column; Bent 2 N. Column, S. Column; Bent 3 Cap; Bent 6 Cap, Bent 6 S. Column, N. Column; Bent 7 Cap	Repair and/or strengthen caps and columns
14	Substructure	Abutment A	Formed Concrete Repair

Notes:  
 For 2013 NBIS defect item number and sheet reference, see sheets S4 and S5.  
 There is no Bent 5 or Span 5.  
 Existing ROW shown is approximate. See general notes on sheet 2 of 156 for further details on ROW limitations and access.



USER NAME =	DESIGNED - MEL	REVISED
	CHECKED - CDB	REVISED
PLOT SCALE =	DRAWN - AEC	REVISED
PLOT DATE = 03/20/2014	CHECKED - JMH	REVISED

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

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

SHEET NO. S6 OF S138 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
799	1BR, DRS-2	ST. CLAIR	156	24
CONTRACT NO. 76B03				

ILLINOIS FED. AID PROJECT