



Missouri Department of Transportation
Bridge Inventory and Inspection System
Structural Inventory & Appraisal Sheet

January 9, 2013
8:36:44am

COUNTY : ST. LOUIS BRIDGE NO. L0623 4 REVIEW STATUS : REVIEW NBI STATUS : T
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 1/9/2013 SUBMITTAL YEAR : 2012

GENERAL STRUCTURE INFORMATION			ROUTE DESIGNATION INFORMATION		
1	State	MISSOURI	5A	Record Type	ROUTE CARRIED 'ON' STRUCT
2	District	SL	5B	Route Signing Prefix	IS
3	County	ST. LOUIS	5C	Designated Level of Service	MAINLINE
8	Federal ID No.	6389	5D	Route Number	00044
27	Year Built	1954	5E	Directional Suffix	NOT APPLICABLE
106	Year Reconstructed	1997	7	Facility Carried	IS 44 W
42A	Type of Service On	HIGHWAY	12	Base Hwy. Network	YES
21	Structure Maintenance	STATE HIGHWAY AGENCY	13A	LRS Inventory Route No.	0000000010
22	Structure Owner	STATE HIGHWAY AGENCY	13B	Subroute No.	00
33	Br. Median Code	NO MEDIAN	20	Toll Status	ON FREE ROAD
37	Historical Significance	NOT ELIGIBLE FOR NR OF HP	26	Functional Classification	11-UR PRNCPL ARTERIAL-IS
101	Parallel Struc Desg	LEFT	28A	Lanes on Structure	05
103	Temporary Structure	NOT TEMPORARY	100	STRAHNET Designation	ON A DEFENSE HWY
112	NBIS Bridge Length	YES	104	National Highway System	ON NHS
			105	Federal Lands Highway	NOT APPLICABLE
			110	Designated Nat. Network	YES
STRUCTURE LOCATION INFORMATION			STRUCTURE TRAFFIC INFORMATION		
4	Place	FENTON CITY	29	AADT	60660
	Code	23950	30	AADT Year	2012
9	Location	S 14 T 44 N R 5 E	102	Direction of Traffic	1-WAY TRAFFIC
11	Milepoint	14.43 miles	109	AADT Truck Percent	12%
16	Latitude	38 D 32 M 38 S	114	Future AADT	75825
17	Longitude	90 D 26 M 5 S	115	Future AADT Year	2033
UNDERRECORD INFORMATION			STRUCTURE GEOMETRIC INFORMATION		
6	Features Intersected	MERAMEC RVR, CST YARNELL	10	Inventory Rte. Vert. Clear	99 Ft. 99 In.
42B	Type of Service Under	HIGHWAY-WATERWAY	19	By pass Detour Length	0.63 miles
28B	Lanes Under Structure	02	32	Approach Roadway Width	51 Ft. 10 In.
54A	Vert. Clearance Ref.	HIGHWAY	34	Skew	0.00 Degrees
54B	Vert. Clearance	24 Ft. 2 In.	35	Struct. Flared	NO
55A	Rt. Lat Clear Ref.	HIGHWAY	47	Total Horiz. Clear	58 Ft. 1 In.
55B	Rt. Lat Clearance	9 Ft. 6 In.	48	Maximum Span Length	131 Ft. 7 In.
56	Left Lat Clearance	0 Ft. 0 In.	49	Structure Length	1,103 Ft. 0 In.
38	Navigation Control	PERMIT NOT REQ	50A	Left Curb/Sidewalk Width	0 Ft. 0 In.
39	Nav Vertical Clear	0 Ft. 0 In.	50B	Right Curb/Sidewalk Width	0 Ft. 0 In.
40	Nav Horizontal Clear	0 Ft. 0 In.	51	Curb to Curb Br. Width	58 Ft. 1 In.
111	Nav. Pier Protection		52	Deck Width (Out-Out)	60 Ft. 8 In.
116	Nav. Cl. Vert. Clear		53	Vert. Clearance Over Deck	99 Ft. 99 In.

Design_No = L0623 and Nbi_Status_with_Bridge = Temporary and Record_Type = ON and Inventory_Appraisal_Submittal_Year = 2012



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LOAD RATING AND POSTING INFORMATION			MATERIAL/CONSTRUCTION INFORMATION		
31	Design Load	HS 20	43A	Main Struc. Mat type	STEEL
41	Structure Status	POSTED FOR LOAD	43B	Main struc Constr. Type	STRINGER/MULTIBEAM - GRD
63	Oper. Rating Meth.	LOAD FACTOR	45	# of Main Spans	8
64	Operating Rating	57 Tons.	44A	Appr Struc. Mat type	STEEL CONTINUOUS
65	Inventory Rating Meth	LOAD FACTOR	44B	Appr Struc. Cnstr. type	STRINGER/MULTIBEAM - GRD
66	Inventory Rating	34 Tons.	46	# of Approach Span	22
70	Bridge Posting Code	=>LEGAL LOADS	107	Deck Mat/Constr.	1 CONCRETE CIP
PROPOSED IMPROVEMENT INFORMATION			108A	Wear Surf Mat/Constr.	6 BITUMINOUS
Sufficiency Rating 61.7 Percent			108B	Membrane Mat/Constr.	0 NONE
Deficiency Rating FUNCTIONAL			108C	Deck Protect Mat/Constr.	0 NONE
Funding Eligibility PARTIAL			CONDITION RATING INFORMATION		
75A	Proposed Work	REHAB-GENERAL DETERIORAT	58	Deck Cond. Rating	6
75B	Work Done By	Contract	59	Superstructure Cond. Rating	5
76	New Struc Length	1,102 Ft. 4 In.	60	Substructure Cond. Rating	5
94	Struc Improve Cost	\$ 6,606,000	61	Channel /Channel Protection Cond. Rating	7
95	Roadway Improve Cost	\$ 660,000	62	Culvert Cond. Rating	N
96	Total Project Cost	\$ 9,909,000	INSPECTION INFORMATION		
97	Year of Cost Estimates	2013	90	Gen. Insp Date	7 / 11
APPRAISAL RATING INFORMATION			91	Gen. Insp. Frequency	24 Months
36A	Br. Rail App. Rating	DOES NOT MEET ACCEPT STND	92A	Frac. Critical Insp. Dat	N Months
36B	Transition Rail App. Rating	MEETS ACCEPTBLE STND	93A	Frac. Critical Insp. Date	
36C	Approach Rail App. Rating	MEETS ACCEPTBLE STND	92B	Underwater Inspection	N Months
36D	Rail End Treat. App. Rating	MEETS ACCEPTBLE STND	93B	Underwater Insp. Date	
67	Struc Eval App. Rating	5	92C	Special Inspection	Y Months 24
68	Deck Geometry App. Rating	2	93C	Special Inspection Date	7 / 11
69	Underclearance App. Rating	5	BORDER BRIDGE INFORMATION		
71	Waterway Adeq. App. Rating	8	98	Neighboring State Code	
72	Approach Road App. Rating	8	98B	Neighboring State % Respon	
113	Scour Assess App. Rating	8	99	Neighboring State Struc. No.	
APPROVED POSTING INFORMATION			FIELD POSTING INFORMATION		
Approved Posting Categor S-C3			Field Posting Category S-C3		
Ton1 Ton2 Ton3			Ton1 Ton2 Ton3		
Tonnage Values for Posting Sign 65			Tonnage Values for Posting Sign 65		
General Text for Posting Sign			General Text for Posting Sign		
WEIGHT LIMIT 65 TONS.			WEIGHT LIMIT 65 TONS.		

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