



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

January 9, 2013  
8:37:21am

COUNTY : ST. LOUIS      BRIDGE NO. A2643 3      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.	2295	5D	Route Number	00044
27	Year Built	1972	5E	Directional Suffix	NOT APPLICABLE
106	Year Reconstructed	0	7	Facility Carried	IS 44 E
42A	Type of Service On	HIGHWAY	12	Base Hwy. Network	YES
21	Structure Maintenance	STATE HIGHWAY AGENCY	13A	LRS Inventory Route No.	0000000009
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	RIGHT	28A	Lanes on Structure	04
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	50132
	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	277.25 miles	109	AADT Truck Percent	12%
16	Latitude	38 D 32 M 36 S	114	Future AADT	62665
17	Longitude	90 D 26 M 4 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	12.00 Degrees
54B	Vert. Clearance	25 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	10 Ft. 6 In.	48	Maximum Span Length	145 Ft. 12 In.
56	Left Lat Clearance	0 Ft. 0 In.	49	Structure Length	1,081 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 = A2643 and Nbi\_Status\_with\_Bridge = Temporary and Record\_Type = ON and Inventory\_Appraisal\_Submittal\_Year = 2012



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

January 9, 2013  
8:37:21am

COUNTY : ST. LOUIS BRIDGE NO. A2643 3 REVIEW STATUS : REVIEW NBI STATUS : T  
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 1/9/2013 SUBMITTAL YEAR : 2012

LOAD RATING AND POSTING INFORMATION				MATERIAL/CONSTRUCTION INFORMATION				
31	Design Load	HS 20+MOD		43A	Main Struc. Mat type	STEEL CONTINUOUS		
41	Structure Status	POSTED FOR LOAD		43B	Main struc Constr. Type	STRINGER/MULTIBEAM - GRD		
63	Oper. Rating Meth.	LOAD FACTOR		45	# of Main Spans	12		
64	Operating Rating	50 Tons.		44A	Appr Struc. Mat type	000		
65	Inventory Rating Meth	LOAD FACTOR		44B	Appr Struc. Cnstr. type	000		
66	Inventory Rating	30 Tons.		46	# of Approach Span	0		
70	Bridge Posting Code	=>LEGAL LOADS		107	Deck Mat/Constr.	1 CONCRETE CIP		
PROPOSED IMPROVEMENT INFORMATION				108A	Wear Surf Mat/Constr.	5 EPOXY OVERLAY		
Sufficiency Rating		89.4	Percent	108B	Membrane Mat/Constr.	0 NONE		
Deficiency Rating		NOT DEFICIENT		108C	Deck Protect Mat/Constr.	0 NONE		
Funding Eligibility				CONDITION RATING INFORMATION				
75A	Proposed Work			58	Deck Cond. Rating	6		
75B	Work Done By			59	Superstructure Cond. Rating	6		
76	New Struc Length	0 Ft. 0 In.		60	Substructure Cond. Rating	6		
94	Struc Improve Cost	\$ 0,000		61	Channel /Channel Protection Cond. Rating	7		
95	Roadway Improve Cost	\$ 0,000		62	Culvert Cond. Rating	N		
96	Total Project Cost	\$ 0,000		INSPECTION INFORMATION				
97	Year of Cost Estimates	0		90	Gen. Insp Date	6 / 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	6		92C	Special Inspection	N Months		
68	Deck Geometry App. Rating	4		93C	Special Inspection Date			
69	Underclearance App. Rating	6		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	5		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		60		Tonnage Values for Posting Sign		60		
General Text for Posting Sign				General Text for Posting Sign				
WEIGHT LIMIT 60 TONS.				WEIGHT LIMIT 60 TONS.				

Design\_No = A2643 and Nbi\_Status\_with\_Bridge = Temporary and Record\_Type = ON and Inventory\_Appraisal\_Submittal\_Year = 2012