



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

January 11, 2023
1:45:11pm

COUNTY : ST. LOUIS BRIDGE : A0609 R REVIEW STATUS : APPROVED NBI STATUS : T
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 1/9/2023 SUBMITTAL YEAR : 2022

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.	441	5D	Route Number	00055
27	Year Built	1964	5E	Directional Suffix	NOT APPLICABLE
106	Year Reconstructed	1993	7	Facility Carried	IS 55 S
42A	Type of Service On	HIGHWAY	12	Base Hwy. Network	YES
21	Structure Maintenance	STATE HIGHWAY AGENCY	13A	LRS Inventory Route No.	0000000013
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	LEMAY	29	AADT	56204
	Code	41456	30	AADT Year	2021
9	Location	S 403 T 43 N R 6 E	102	Direction of Traffic	1-WAY TRAFFIC
11	Milepoint	16.89 miles	109	AADT Truck Percent	18%
16	Latitude	38 D 27 M 10 S	114	Future AADT	70255
17	Longitude	90 D 22 M 36 S	115	Future AADT Year	2041
UNDERRECORD INFORMATION			STRUCTURE GEOMETRIC INFORMATION		
6	Features Intersected	MERAMEC RVR	10	Inventory Rte. Vert. Clear	99 Ft. 99 In.
42B	Type of Service Under	WATERWAY	19	By pass Detour Length	0.63 miles
28B	Lanes Under Structure	00	32	Approach Roadway Width	73 Ft. 2 In.
54A	Vert. Clearance Ref.	N/A	34	Skew	30.00 Degrees
54B	Vert. Clearance	0 Ft. 0 In.	35	Struct. Flared	NO
55A	Rt. Lat Clear Ref.	N/A	47	Total Horiz. Clear	73 Ft. 10 In.
55B	Rt. Lat Clearance	0 Ft. 0 In.	48	Maximum Span Length	185 Ft. 0 In.
56	Left Lat Clearance	0 Ft. 0 In.	49	Structure Length	1,424 Ft. 10 In.
38	Navigation Control	PERMIT NOT REQ	50A	Left Curb/Sidewalk Width	0 Ft. 8 In.
39	Nav Vertical Clear	0 Ft. 0 In.	50B	Right Curb/Sidewalk Width	0 Ft. 8 In.
40	Nav Horizontal Clear	0 Ft. 0 In.	51	Curb to Curb Br. Width	73 Ft. 10 In.
111	Nav. Pier Protection		52	Deck Width (Out-Out)	76 Ft. 5 In.
116	Nav. Cl. Vert. Clear		53	Vert. Clearance Over Deck	99 Ft. 99 In.

Design_No = a0609 and Inventory_Appraisal_Submittal_Year = 2022



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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	5		
64	Operating Rating	52 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	31 Tons.		46	# of Approach Span	10		
70	Bridge Posting Code	=>LEGAL LOADS		107	Deck Mat/Constr.	1 CONCRETE CIP		
PROPOSED IMPROVEMENT INFORMATION				108A	Wear Surf Mat/Constr.	1 MONO CONCRETE		
Sufficiency Rating		78.6 Percent		108B	Membrane Mat/Constr.	0 NONE		
Deficiency Rating		NOT DEFICIENT		108C	Deck Protect Mat/Constr.	1 EPOXY		
Funding Eligibility				CONDITION RATING INFORMATION				
75A	Proposed Work			58	Deck Cond. Rating	7		
75B	Work Done By			59	Superstructure Cond. Rating	5		
76	New Struc Length	0 Ft. 0 In.		60	Substructure Cond. Rating	7		
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	7 / 22		
APPRAISAL RATING INFORMATION				91	Gen. Insp. Frequency	24 Months		
36A	Br. Rail App. Rating	MEETS ACCEPTBLE STND		92A	Frac. Critical Inspection	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	4		93C	Special Inspection Date	7 / 22		
69	Underclearance App. Rating	N		BORDER BRIDGE INFORMATION				
71	Waterway Adeq. App. Rating	6		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 Category		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.				

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