



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

June 30, 2021
1:21:17pm

COUNTY : ST. LOUIS BRIDGE : F0181 3 REVIEW STATUS : CONVERTED NBI STATUS : T
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 3/9/2021 SUBMITTAL YEAR : 2021

GENERAL STRUCTURE INFORMATION			ROUTE DESIGNATION INFORMATION		
1	State	MISSOURI	5A	Record Type	ROUTE CARRIED 'ON' STRUCT
2	District	SL	5B	Route Signing Prefix	MO
3	County	ST. LOUIS	5C	Designated Level of Service	MAINLINE
8	Federal ID No.	4452	5D	Route Number	00100
27	Year Built	1920	5E	Directional Suffix	NOT APPLICABLE
106	Year Reconstructed	1999	7	Facility Carried	MO 100 E
42A	Type of Service On	HIGHWAY	12	Base Hwy. Network	YES
21	Structure Maintenance	STATE HIGHWAY AGENCY	13A	LRS Inventory Route No.	0000006368
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	14-UR OTHR PRINCIPL ARTRL
101	Parallel Struc Desg	NONE EXISTS	28A	Lanes on Structure	06
103	Temporary Structure	NOT TEMPORARY	100	STRAHNET Designation	RTE NOT A DEFENSE HWY
112	NBIS Bridge Length	YES	104	National Highway System	ON NHS
			105	Federal Lands Highway	NOT APPLICABLE
			110	Designated Nat. Network	NO
STRUCTURE LOCATION INFORMATION			STRUCTURE TRAFFIC INFORMATION		
4	Place	ST. LOUIS 92915	29	AADT	41004
	Code	92915	30	AADT Year	2019
9	Location	S 32 T 45 N R 5 E	102	Direction of Traffic	2-WAY TRAFFIC
11	Milepoint	105.64 miles	109	AADT Truck Percent	13%
16	Latitude	38 D 35 M 47 S	114	Future AADT	57405
17	Longitude	90 D 28 M 34 S	115	Future AADT Year	2039
UNDERRECORD INFORMATION			STRUCTURE GEOMETRIC INFORMATION		
6	Features Intersected	BR GRAND GLAIZE CR	10	Inventory Rte. Vert. Clear	99 Ft. 99 In.
42B	Type of Service Under	WATERWAY	19	By pass Detour Length	3.75 miles
28B	Lanes Under Structure	00	32	Approach Roadway Width	89 Ft. 11 In.
54A	Vert. Clearance Ref.	N/A	34	Skew	0.00 Degrees
54B	Vert. Clearance	0 Ft. 0 In.	35	Struct. Flared	NO
55A	Rt. Lat Clear Ref.	N/A	47	Total Horiz. Clear	89 Ft. 11 In.
55B	Rt. Lat Clearance	0 Ft. 0 In.	48	Maximum Span Length	9 Ft. 2 In.
56	Left Lat Clearance	0 Ft. 0 In.	49	Structure Length	29 Ft. 10 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	0 Ft. 0 In.
111	Nav. Pier Protection		52	Deck Width (Out-Out)	0 Ft. 0 In.
116	Nav. Cl. Vert. Clear		53	Vert. Clearance Over Deck	99 Ft. 99 In.

Design_No = F0181 and Inventory_Appraisal_Submittal_Year = 2021



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LOAD RATING AND POSTING INFORMATION				MATERIAL/CONSTRUCTION INFORMATION			
31	Design Load	H 20		43A	Main Struc. Mat type	CONCRETE CONTINUOUS	
41	Structure Status	OPEN NO RESTRICTIONS		43B	Main struc Constr. Type	CULVERT	
63	Oper. Rating Meth.	LOAD FACTOR		45	# of Main Spans	3	
64	Operating Rating	43 Tons.		44A	Appr Struc. Mat type	000	
65	Inventory Rating Meth	LOAD FACTOR		44B	Appr Struc. Cnstr. type	000	
66	Inventory Rating	26 Tons.		46	# of Approach Span	0	
70	Bridge Posting Code	=>LEGAL LOADS		107	Deck Mat/Constr.	NA	
PROPOSED IMPROVEMENT INFORMATION				108A	Wear Surf Mat/Constr.	NA	
Sufficiency Rating 50.2 Percent				108B	Membrane Mat/Constr.	NA	
Deficiency Rating NOT DEFICIENT				108C	Deck Protect Mat/Constr.	NA	
Funding Eligibility				CONDITION RATING INFORMATION			
75A	Proposed Work			58	Deck Cond. Rating	N	
75B	Work Done By			59	Superstructure Cond. Rating	N	
76	New Struc Length	0 Ft. 0 In.		60	Substructure Cond. Rating	N	
94	Struc Improve Cost	\$ 0,000		61	Channel /Channel Protection Cond. Rating	5	
95	Roadway Improve Cost	\$ 0,000		62	Culvert Cond. Rating	5	
96	Total Project Cost	\$ 0,000		INSPECTION INFORMATION			
97	Year of Cost Estimates	0		90	Gen. Insp Date	11 / 19	
APPRAISAL RATING INFORMATION				91	Gen. Insp. Frequency	24 Months	
36A	Br. Rail App. Rating	NOT APPLICABLE		92A	Frac. Critical Inspection	N Months	
36B	Transition Rail App. Rating	NOT APPLICABLE		93A	Frac. Critical Insp. Date		
36C	Approach Rail App. Rating	NOT APPLICABLE		92B	Underwater Inspection	N Months	
36D	Rail End Treat. App. Rating	NOT APPLICABLE		93B	Underwater Insp. Date		
67	Struc Eval App. Rating	5		92C	Special Inspection	N Months	
68	Deck Geometry App. Rating	N		93C	Special Inspection Date		
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-1				Field Posting Category S-1			
Ton1 Ton2 Ton3				Ton1 Ton2 Ton3			
Tonnage Values for Posting Sign				Tonnage Values for Posting Sign			
General Text for Posting Sign				General Text for Posting Sign			
NO POSTING REQUIRED				NO POSTING REQUIRED			

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