



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

June 24, 2021  
10:43:26am

COUNTY : NEW MADRID      BRIDGE : S0443      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	SE	5B	Route Signing Prefix	MO
3	County	NEW MADRID	5C	Designated Level of Service	MAINLINE
8	Federal ID No.	8711	5D	Route Number	0000E
27	Year Built	1932	5E	Directional Suffix	NOT APPLICABLE
106	Year Reconstructed	0	7	Facility Carried	RT E S
42A	Type of Service On	HIGHWAY	12	Base Hwy. Network	NO
21	Structure Maintenance	STATE HIGHWAY AGENCY	13A	LRS Inventory Route No.	
22	Structure Owner	STATE HIGHWAY AGENCY	13B	Subroute No.	
33	Br. Median Code	NO MEDIAN	20	Toll Status	ON FREE ROAD
37	Historical Significance	NOT ELIGIBLE FOR NR OF HP	26	Functional Classification	07-RURAL MAJOR COLLECTOR
101	Parallel Struc Desg	NONE EXISTS	28A	Lanes on Structure	01
103	Temporary Structure	NOT TEMPORARY	100	STRAHNET Designation	RTE NOT A DEFENSE HWY
112	NBIS Bridge Length	YES	104	National Highway System	NOT ON NHS
			105	Federal Lands Highway	NOT APPLICABLE
			110	Designated Nat. Network	NO
STRUCTURE LOCATION INFORMATION			STRUCTURE TRAFFIC INFORMATION		
4	Place	WEST	29	AADT	449
	Code	78478	30	AADT Year	2019
9	Location	S 20 T 25 N R 13 E	102	Direction of Traffic	ONE LANE BRIDGE FOR 2-WAY
11	Milepoint	4.22 miles	109	AADT Truck Percent	10%
16	Latitude	36 D 47 M 40 S	114	Future AADT	695
17	Longitude	89 D 40 M 30 S	115	Future AADT Year	2039
UNDERRECORD INFORMATION			STRUCTURE GEOMETRIC INFORMATION		
6	Features Intersected	OTTER SLU DTCH	10	Inventory Rte. Vert. Clear	99 Ft. 99 In.
42B	Type of Service Under	WATERWAY	19	By pass Detour Length	18.13 miles
28B	Lanes Under Structure	00	32	Approach Roadway Width	20 Ft. 12 In.
54A	Vert. Clearance Ref.	N/A	34	Skew	15.00 Degrees
54B	Vert. Clearance	0 Ft. 0 In.	35	Struct. Flared	NO
55A	Rt. Lat Clear Ref.	N/A	47	Total Horiz. Clear	20 Ft. 0 In.
55B	Rt. Lat Clearance	0 Ft. 0 In.	48	Maximum Span Length	29 Ft. 10 In.
56	Left Lat Clearance	0 Ft. 0 In.	49	Structure Length	70 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	20 Ft. 0 In.
111	Nav. Pier Protection		52	Deck Width (Out-Out)	20 Ft. 12 In.
116	Nav. Cl. Vert. Clear		53	Vert. Clearance Over Deck	99 Ft. 99 In.

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LOAD RATING AND POSTING INFORMATION				MATERIAL/CONSTRUCTION INFORMATION				
31	Design Load	H 10		43A	Main Struc. Mat type	STEEL		
41	Structure Status	POSTED FOR LOAD		43B	Main struc Constr. Type	STRINGER/MULTIBEAM - GRD		
63	Oper. Rating Meth.	ALLOWABLE STRESS		45	# of Main Spans	3		
64	Operating Rating	24 Tons.		44A	Appr Struc. Mat type	000		
65	Inventory Rating Meth	ALLOWABLE STRESS		44B	Appr Struc. Cnstr. type	000		
66	Inventory Rating	13 Tons.		46	# of Approach Span	0		
70	Bridge Posting Code	10.0-19.9% BELOW		107	Deck Mat/Constr.	1 CONCRETE CIP		
PROPOSED IMPROVEMENT INFORMATION				108A	Wear Surf Mat/Constr.	6 BITUMINOUS		
	Sufficiency Rating	48.0	Percent	108B	Membrane Mat/Constr.	0 NONE		
	Deficiency Rating	FUNCTIONAL		108C	Deck Protect Mat/Constr.	7 INTERNALLY SEALED		
	Funding Eligibility	FULL		CONDITION RATING INFORMATION				
75A	Proposed Work	REPLACEMENT SUBSTND LOAD		58	Deck Cond. Rating	5		
75B	Work Done By	Contract		59	Superstructure Cond. Rating	5		
76	New Struc Length	98 Ft. 5 In.		60	Substructure Cond. Rating	5		
94	Struc Improve Cost	\$ 340,000		61	Channel /Channel Protection Cond. Rating	6		
95	Roadway Improve Cost	\$ 34,000		62	Culvert Cond. Rating	N		
96	Total Project Cost	\$ 511,000		INSPECTION INFORMATION				
97	Year of Cost Estimates	2021		90	Gen. Insp Date	12 / 20		
APPRAISAL RATING INFORMATION				91	Gen. Insp. Frequency	12	Months	
36A	Br. Rail App. Rating	DOES NOT MEET ACCEPT STND		92A	Frac. Critical Inspection	N	Months	
36B	Transition Rail App. Rating	DOES NOT MEET ACCEPT STND		93A	Frac. Critical Insp. Date			
36C	Approach Rail App. Rating	DOES NOT MEET ACCEPT STND		92B	Underwater Inspection	N	Months	
36D	Rail End Treat. App. Rating	DOES NOT MEET ACCEPT STND		93B	Underwater Insp. Date			
67	Struc Eval App. Rating	4		92C	Special Inspection	N	Months	
68	Deck Geometry App. Rating	3		93C	Special Inspection Date			
69	Underclearance App. Rating	N		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 Category		S-5		Field Posting Category		S-5		
		Ton1	Ton2	Ton3		Ton1	Ton2	Ton3
Tonnage Values for Posting Sign		18		Tonnage Values for Posting Sign		18		
General Text for Posting Sign				General Text for Posting Sign				
CENTERLINE OF BRIDGE AND TRUCKS OVER 18 TONS 15 MPH ON BRIDGE.				CENTERLINE OF BRIDGE AND TRUCKS OVER 18 TONS 15 MPH ON BRIDGE.				

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