



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

February 13, 2024
8:01:01am

COUNTY : WAYNE	BRIDGE : L0210	REVIEW STATUS : APPROVED	NBI STATUS : T
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT		RUN DATE : 12/20/2023	SUBMITTAL YEAR : 2023

GENERAL STRUCTURE INFORMATION	ROUTE DESIGNATION INFORMATION
1 State MISSOURI	5A Record Type ROUTE CARRIED 'ON' STRUCT
2 District SE	5B Route Signing Prefix US
3 County WAYNE	5C Designated Level of Service MAINLINE
8 Federal ID No. 6125	5D Route Number 00067
27 Year Built 1955	5E Directional Suffix NOT APPLICABLE
106 Year Reconstructed 0	7 Facility Carried US 67 N
42A Type of Service On HIGHWAY	12 Base Hwy. Network YES
21 Structure Maintenance STATE HIGHWAY AGENCY	13A LRS Inventory Route No. 0000000014
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 02-RU PRINCPL ARTRIAL-OTH
101 Parallel Struc Desg LEFT	28A Lanes on Structure 02
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 YES

STRUCTURE LOCATION INFORMATION	STRUCTURE TRAFFIC INFORMATION
4 Place BLACK RIVER	29 AADT 3267
Code 06112	30 AADT Year 2022
9 Location S 18 T 27 N R 6 E	102 Direction of Traffic 1-WAY TRAFFIC
11 Milepoint 39.14 miles	109 AADT Truck Percent 29%
16 Latitude 36 D 59 M 28 S	114 Future AADT 5717
17 Longitude 90 D 26 M 54 S	115 Future AADT Year 2042

UNDERRECORD INFORMATION	STRUCTURE GEOMETRIC INFORMATION
6 Features Intersected OTTER CR	10 Inventory Rte. Vert. Clear 99 Ft. 99 In.
42B Type of Service Under WATERWAY	19 By pass Detour Length 26.25 miles
28B Lanes Under Structure 00	32 Approach Roadway Width 25 Ft. 11 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 25 Ft. 11 In.
55B Rt. Lat Clearance 0 Ft. 0 In.	48 Maximum Span Length 57 Ft. 5 In.
56 Left Lat Clearance 0 Ft. 0 In.	49 Structure Length 272 Ft. 12 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 25 Ft. 11 In.
111 Nav. Pier Protection	52 Deck Width (Out-Out) 30 Ft. 2 In.
116 Nav. Cl. Vert. Clear	53 Vert. Clearance Over Deck 99 Ft. 99 In.

Design_No = L0210 and Inventory_Appraisal_Submittal_Year = 2023



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

February 13, 2024
8:01:01am

COUNTY : WAYNE	BRIDGE : L0210	REVIEW STATUS : APPROVED	NBI STATUS : T
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT		RUN DATE : 12/20/2023	SUBMITTAL YEAR : 2023

LOAD RATING AND POSTING INFORMATION	MATERIAL/CONSTRUCTION INFORMATION																																																						
<table border="0" style="width:100%"> <tr><td>31</td><td>Design Load</td><td>H 20</td></tr> <tr><td>41</td><td>Structure Status</td><td>OPEN NO RESTRICTIONS</td></tr> <tr><td>63</td><td>Oper. Rating Meth.</td><td>LOAD FACTOR</td></tr> <tr><td>64</td><td>Operating Rating</td><td>36 Tons.</td></tr> <tr><td>65</td><td>Inventory Rating Meth</td><td>LOAD FACTOR</td></tr> <tr><td>66</td><td>Inventory Rating</td><td>22 Tons.</td></tr> <tr><td>70</td><td>Bridge Posting Code</td><td>=>LEGAL LOADS</td></tr> </table>	31	Design Load	H 20	41	Structure Status	OPEN NO RESTRICTIONS	63	Oper. Rating Meth.	LOAD FACTOR	64	Operating Rating	36 Tons.	65	Inventory Rating Meth	LOAD FACTOR	66	Inventory Rating	22 Tons.	70	Bridge Posting Code	=>LEGAL LOADS	<table border="0" style="width:100%"> <tr><td>43A</td><td>Main Struc. Mat type</td><td>CONCRETE</td></tr> <tr><td>43B</td><td>Main struc Constr. Type</td><td>TEE BEAM</td></tr> <tr><td>45</td><td># of Main Spans</td><td>5</td></tr> <tr><td>44A</td><td>Appr Struc. Mat type</td><td>000</td></tr> <tr><td>44B</td><td>Appr Struc. Cnstr. type</td><td>000</td></tr> <tr><td>46</td><td># of Approach Span</td><td>0</td></tr> <tr><td>107</td><td>Deck Mat/Constr.</td><td>1 CONCRETE CIP</td></tr> <tr><td>108A</td><td>Wear Surf Mat/Constr.</td><td>6 BITUMINOUS</td></tr> <tr><td>108B</td><td>Membrane Mat/Constr.</td><td>0 NONE</td></tr> <tr><td>108C</td><td>Deck Protect Mat/Constr.</td><td>0 NONE</td></tr> </table>	43A	Main Struc. Mat type	CONCRETE	43B	Main struc Constr. Type	TEE BEAM	45	# of Main Spans	5	44A	Appr Struc. Mat type	000	44B	Appr Struc. Cnstr. type	000	46	# of Approach Span	0	107	Deck Mat/Constr.	1 CONCRETE CIP	108A	Wear Surf Mat/Constr.	6 BITUMINOUS	108B	Membrane Mat/Constr.	0 NONE	108C	Deck Protect Mat/Constr.	0 NONE			
31	Design Load	H 20																																																					
41	Structure Status	OPEN NO RESTRICTIONS																																																					
63	Oper. Rating Meth.	LOAD FACTOR																																																					
64	Operating Rating	36 Tons.																																																					
65	Inventory Rating Meth	LOAD FACTOR																																																					
66	Inventory Rating	22 Tons.																																																					
70	Bridge Posting Code	=>LEGAL LOADS																																																					
43A	Main Struc. Mat type	CONCRETE																																																					
43B	Main struc Constr. Type	TEE BEAM																																																					
45	# of Main Spans	5																																																					
44A	Appr Struc. Mat type	000																																																					
44B	Appr Struc. Cnstr. type	000																																																					
46	# of Approach Span	0																																																					
107	Deck Mat/Constr.	1 CONCRETE CIP																																																					
108A	Wear Surf Mat/Constr.	6 BITUMINOUS																																																					
108B	Membrane Mat/Constr.	0 NONE																																																					
108C	Deck Protect Mat/Constr.	0 NONE																																																					
PROPOSED IMPROVEMENT INFORMATION	CONDITION RATING INFORMATION																																																						
<table border="0" style="width:100%"> <tr><td>Sufficiency Rating</td><td>40.6</td><td>Percent</td></tr> <tr><td>Deficiency Rating</td><td colspan="2">FUNCTIONAL</td></tr> <tr><td>Funding Eligibility</td><td colspan="2">FULL</td></tr> <tr><td>75A</td><td>Proposed Work</td><td>REPLACEMENT SUBSTND LOAD</td></tr> <tr><td>75B</td><td>Work Done By</td><td>Contract</td></tr> <tr><td>76</td><td>New Struc Length</td><td>305 Ft. 1 In.</td></tr> <tr><td>94</td><td>Struc Improve Cost</td><td>\$ 1,860,000</td></tr> <tr><td>95</td><td>Roadway Improve Cost</td><td>\$ 186,000</td></tr> <tr><td>96</td><td>Total Project Cost</td><td>\$ 2,790,000</td></tr> <tr><td>97</td><td>Year of Cost Estimates</td><td>2023</td></tr> </table>	Sufficiency Rating	40.6	Percent	Deficiency Rating	FUNCTIONAL		Funding Eligibility	FULL		75A	Proposed Work	REPLACEMENT SUBSTND LOAD	75B	Work Done By	Contract	76	New Struc Length	305 Ft. 1 In.	94	Struc Improve Cost	\$ 1,860,000	95	Roadway Improve Cost	\$ 186,000	96	Total Project Cost	\$ 2,790,000	97	Year of Cost Estimates	2023	<table border="0" style="width:100%"> <tr><td>58</td><td>Deck Cond. Rating</td><td>5</td></tr> <tr><td>59</td><td>Superstructure Cond. Rating</td><td>5</td></tr> <tr><td>60</td><td>Substructure Cond. Rating</td><td>7</td></tr> <tr><td>61</td><td>Channel /Channel Protection Cond. Rating</td><td>6</td></tr> <tr><td>62</td><td>Culvert Cond. Rating</td><td>N</td></tr> </table>	58	Deck Cond. Rating	5	59	Superstructure Cond. Rating	5	60	Substructure Cond. Rating	7	61	Channel /Channel Protection Cond. Rating	6	62	Culvert Cond. Rating	N									
Sufficiency Rating	40.6	Percent																																																					
Deficiency Rating	FUNCTIONAL																																																						
Funding Eligibility	FULL																																																						
75A	Proposed Work	REPLACEMENT SUBSTND LOAD																																																					
75B	Work Done By	Contract																																																					
76	New Struc Length	305 Ft. 1 In.																																																					
94	Struc Improve Cost	\$ 1,860,000																																																					
95	Roadway Improve Cost	\$ 186,000																																																					
96	Total Project Cost	\$ 2,790,000																																																					
97	Year of Cost Estimates	2023																																																					
58	Deck Cond. Rating	5																																																					
59	Superstructure Cond. Rating	5																																																					
60	Substructure Cond. Rating	7																																																					
61	Channel /Channel Protection Cond. Rating	6																																																					
62	Culvert Cond. Rating	N																																																					
APPRAISAL RATING INFORMATION	INSPECTION INFORMATION																																																						
<table border="0" style="width:100%"> <tr><td>36A</td><td>Br. Rail App. Rating</td><td>DOES NOT MEET ACCEPT STND</td></tr> <tr><td>36B</td><td>Transition Rail App. Rating</td><td>MEETS ACCEPTBLE STND</td></tr> <tr><td>36C</td><td>Approach Rail App. Rating</td><td>MEETS ACCEPTBLE STND</td></tr> <tr><td>36D</td><td>Rail End Treat. App. Rating</td><td>MEETS ACCEPTBLE STND</td></tr> <tr><td>67</td><td>Struc Eval App. Rating</td><td>5</td></tr> <tr><td>68</td><td>Deck Geometry App. Rating</td><td>2</td></tr> <tr><td>69</td><td>Underclearance App. Rating</td><td>N</td></tr> <tr><td>71</td><td>Waterway Adeq. App. Rating</td><td>8</td></tr> <tr><td>72</td><td>Approach Road App. Rating</td><td>8</td></tr> <tr><td>113</td><td>Scour Assess App. Rating</td><td>8</td></tr> </table>	36A	Br. Rail App. Rating	DOES NOT MEET ACCEPT STND	36B	Transition Rail App. Rating	MEETS ACCEPTBLE STND	36C	Approach Rail App. Rating	MEETS ACCEPTBLE STND	36D	Rail End Treat. App. Rating	MEETS ACCEPTBLE STND	67	Struc Eval App. Rating	5	68	Deck Geometry App. Rating	2	69	Underclearance App. Rating	N	71	Waterway Adeq. App. Rating	8	72	Approach Road App. Rating	8	113	Scour Assess App. Rating	8	<table border="0" style="width:100%"> <tr><td>90</td><td>Gen. Insp Date</td><td>12 / 23</td></tr> <tr><td>91</td><td>Gen. Insp. Frequency</td><td>24 Months</td></tr> <tr><td>92A</td><td>Frac. Critical Inspection</td><td>N Months</td></tr> <tr><td>93A</td><td>Frac. Critical Insp. Date</td><td></td></tr> <tr><td>92B</td><td>Underwater Inspection</td><td>N Months</td></tr> <tr><td>93B</td><td>Underwater Insp. Date</td><td></td></tr> <tr><td>92C</td><td>Special Inspection</td><td>N Months</td></tr> <tr><td>93C</td><td>Special Inspection Date</td><td></td></tr> </table>	90	Gen. Insp Date	12 / 23	91	Gen. Insp. Frequency	24 Months	92A	Frac. Critical Inspection	N Months	93A	Frac. Critical Insp. Date		92B	Underwater Inspection	N Months	93B	Underwater Insp. Date		92C	Special Inspection	N Months	93C	Special Inspection Date	
36A	Br. Rail App. Rating	DOES NOT MEET ACCEPT STND																																																					
36B	Transition Rail App. Rating	MEETS ACCEPTBLE STND																																																					
36C	Approach Rail App. Rating	MEETS ACCEPTBLE STND																																																					
36D	Rail End Treat. App. Rating	MEETS ACCEPTBLE STND																																																					
67	Struc Eval App. Rating	5																																																					
68	Deck Geometry App. Rating	2																																																					
69	Underclearance App. Rating	N																																																					
71	Waterway Adeq. App. Rating	8																																																					
72	Approach Road App. Rating	8																																																					
113	Scour Assess App. Rating	8																																																					
90	Gen. Insp Date	12 / 23																																																					
91	Gen. Insp. Frequency	24 Months																																																					
92A	Frac. Critical Inspection	N Months																																																					
93A	Frac. Critical Insp. Date																																																						
92B	Underwater Inspection	N Months																																																					
93B	Underwater Insp. Date																																																						
92C	Special Inspection	N Months																																																					
93C	Special Inspection Date																																																						
APPROVED POSTING INFORMATION	BORDER BRIDGE INFORMATION																																																						
<table border="0" style="width:100%"> <tr><td>Approved Posting Category</td><td>S-1</td></tr> <tr><td></td><td>Ton1 Ton2 Ton3</td></tr> <tr><td>Tonnage Values for Posting Sign</td><td></td></tr> <tr><td>General Text for Posting Sign</td><td></td></tr> <tr><td>NO POSTING REQUIRED</td><td></td></tr> </table>	Approved Posting Category	S-1		Ton1 Ton2 Ton3	Tonnage Values for Posting Sign		General Text for Posting Sign		NO POSTING REQUIRED		<table border="0" style="width:100%"> <tr><td>98</td><td>Neighboring State Code</td></tr> <tr><td>98B</td><td>Neighboring State % Respon</td></tr> <tr><td>99</td><td>Neighboring State Struc. No.</td></tr> </table>	98	Neighboring State Code	98B	Neighboring State % Respon	99	Neighboring State Struc. No.																																						
Approved Posting Category	S-1																																																						
	Ton1 Ton2 Ton3																																																						
Tonnage Values for Posting Sign																																																							
General Text for Posting Sign																																																							
NO POSTING REQUIRED																																																							
98	Neighboring State Code																																																						
98B	Neighboring State % Respon																																																						
99	Neighboring State Struc. No.																																																						
FIELD POSTING INFORMATION	FIELD POSTING INFORMATION																																																						
<table border="0" style="width:100%"> <tr><td>Field Posting Category</td><td>S-1</td></tr> <tr><td></td><td>Ton1 Ton2 Ton3</td></tr> <tr><td>Tonnage Values for Posting Sign</td><td></td></tr> <tr><td>General Text for Posting Sign</td><td></td></tr> <tr><td>NO POSTING REQUIRED</td><td></td></tr> </table>	Field Posting Category	S-1		Ton1 Ton2 Ton3	Tonnage Values for Posting Sign		General Text for Posting Sign		NO POSTING REQUIRED		<table border="0" style="width:100%"> <tr><td>Field Posting Category</td><td>S-1</td></tr> <tr><td></td><td>Ton1 Ton2 Ton3</td></tr> <tr><td>Tonnage Values for Posting Sign</td><td></td></tr> <tr><td>General Text for Posting Sign</td><td></td></tr> <tr><td>NO POSTING REQUIRED</td><td></td></tr> </table>	Field Posting Category	S-1		Ton1 Ton2 Ton3	Tonnage Values for Posting Sign		General Text for Posting Sign		NO POSTING REQUIRED																																			
Field Posting Category	S-1																																																						
	Ton1 Ton2 Ton3																																																						
Tonnage Values for Posting Sign																																																							
General Text for Posting Sign																																																							
NO POSTING REQUIRED																																																							
Field Posting Category	S-1																																																						
	Ton1 Ton2 Ton3																																																						
Tonnage Values for Posting Sign																																																							
General Text for Posting Sign																																																							
NO POSTING REQUIRED																																																							

Design_No = L0210 and Inventory_Appraisal_Submittal_Year = 2023