



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

January 9, 2023  
11:21:57am

COUNTY : PLATTE	BRIDGE : S0025 3	REVIEW STATUS : APPROVED	NBI STATUS : T
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT		RUN DATE : 4/19/2022	SUBMITTAL YEAR : 2022

GENERAL STRUCTURE INFORMATION	ROUTE DESIGNATION INFORMATION
1 State MISSOURI	5A Record Type ROUTE CARRIED 'ON' STRUCT
2 District KC	5B Route Signing Prefix MO
3 County PLATTE	5C Designated Level of Service MAINLINE
8 Federal ID No. 8562	5D Route Number 0000Z
27 Year Built 1966	5E Directional Suffix NOT APPLICABLE
106 Year Reconstructed 0	7 Facility Carried RT Z E
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 HISTORICAL SIGNIF UNKNWN	26 Functional Classification 07-RURAL MAJOR COLLECTOR
101 Parallel Struc Desg NONE EXISTS	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 NOT ON NHS
	105 Federal Lands Highway NOT APPLICABLE
	110 Designated Nat. Network NO

STRUCTURE LOCATION INFORMATION	STRUCTURE TRAFFIC INFORMATION
4 Place GREEN	29 AADT 805
Code 29026	30 AADT Year 2021
9 Location S 1 T 54 N R 34 W	102 Direction of Traffic 2-WAY TRAFFIC
11 Milepoint 7.59 miles	109 AADT Truck Percent 10%
16 Latitude 39 D 30 M 54 S	114 Future AADT 1449
17 Longitude 94 D 39 M 28 S	115 Future AADT Year 2041

UNDERRECORD INFORMATION	STRUCTURE GEOMETRIC INFORMATION
6 Features Intersected PLATTE RVR	10 Inventory Rte. Vert. Clear 99 Ft. 99 In.
42B Type of Service Under WATERWAY	19 By pass Detour Length 10.00 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 25 Ft. 11 In.
55B Rt. Lat Clearance 0 Ft. 0 In.	48 Maximum Span Length 160 Ft. 1 In.
56 Left Lat Clearance 0 Ft. 0 In.	49 Structure Length 837 Ft. 11 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) 28 Ft. 7 In.
116 Nav. Cl. Vert. Clear	53 Vert. Clearance Over Deck 99 Ft. 99 In.

DistrictAbbr = KC and Design\_No = S0025 and County = PLATTE and Inventory\_Appraisal\_Submittal\_Year = 2022 and Structure\_Type = STATE SYSTEM BRIDGE



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

January 9, 2023  
11:21:57am

COUNTY : PLATTE	BRIDGE : S0025 3	REVIEW STATUS : APPROVED	NBI STATUS : T
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT		RUN DATE : 4/19/2022	SUBMITTAL YEAR : 2022

LOAD RATING AND POSTING INFORMATION	MATERIAL/CONSTRUCTION INFORMATION																																																						
<table border="0" style="width:100%"> <tr><td>31</td><td>Design Load</td><td>H 15</td></tr> <tr><td>41</td><td>Structure Status</td><td>POSTED FOR LOAD</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>39 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>24 Tons.</td></tr> <tr><td>70</td><td>Bridge Posting Code</td><td>=&gt;LEGAL LOADS</td></tr> </table>	31	Design Load	H 15	41	Structure Status	POSTED FOR LOAD	63	Oper. Rating Meth.	LOAD FACTOR	64	Operating Rating	39 Tons.	65	Inventory Rating Meth	LOAD FACTOR	66	Inventory Rating	24 Tons.	70	Bridge Posting Code	=>LEGAL LOADS	<table border="0" style="width:100%"> <tr><td>43A</td><td>Main Struc. Mat type</td><td>STEEL CONTINUOUS</td></tr> <tr><td>43B</td><td>Main struc Constr. Type</td><td>STRINGER/MULTIBEAM - GRD</td></tr> <tr><td>45</td><td># of Main Spans</td><td>3</td></tr> <tr><td>44A</td><td>Appr Struc. Mat type</td><td>STEEL CONTINUOUS</td></tr> <tr><td>44B</td><td>Appr Struc. Cnstr. type</td><td>STRINGER/MULTIBEAM - GRD</td></tr> <tr><td>46</td><td># of Approach Span</td><td>8</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	STEEL CONTINUOUS	43B	Main struc Constr. Type	STRINGER/MULTIBEAM - GRD	45	# of Main Spans	3	44A	Appr Struc. Mat type	STEEL CONTINUOUS	44B	Appr Struc. Cnstr. type	STRINGER/MULTIBEAM - GRD	46	# of Approach Span	8	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 15																																																					
41	Structure Status	POSTED FOR LOAD																																																					
63	Oper. Rating Meth.	LOAD FACTOR																																																					
64	Operating Rating	39 Tons.																																																					
65	Inventory Rating Meth	LOAD FACTOR																																																					
66	Inventory Rating	24 Tons.																																																					
70	Bridge Posting Code	=>LEGAL LOADS																																																					
43A	Main Struc. Mat type	STEEL CONTINUOUS																																																					
43B	Main struc Constr. Type	STRINGER/MULTIBEAM - GRD																																																					
45	# of Main Spans	3																																																					
44A	Appr Struc. Mat type	STEEL CONTINUOUS																																																					
44B	Appr Struc. Cnstr. type	STRINGER/MULTIBEAM - GRD																																																					
46	# of Approach Span	8																																																					
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>59.1</td><td>Percent</td></tr> <tr><td>Deficiency Rating</td><td colspan="2">NOT DEFICIENT</td></tr> <tr><td>Funding Eligibility</td><td colspan="2"></td></tr> <tr><td>75A</td><td>Proposed Work</td><td></td></tr> <tr><td>75B</td><td>Work Done By</td><td></td></tr> <tr><td>76</td><td>New Struc Length</td><td>0 Ft. 0 In.</td></tr> <tr><td>94</td><td>Struc Improve Cost</td><td>\$ 0,000</td></tr> <tr><td>95</td><td>Roadway Improve Cost</td><td>\$ 0,000</td></tr> <tr><td>96</td><td>Total Project Cost</td><td>\$ 0,000</td></tr> <tr><td>97</td><td>Year of Cost Estimates</td><td>0</td></tr> </table>	Sufficiency Rating	59.1	Percent	Deficiency Rating	NOT DEFICIENT		Funding Eligibility			75A	Proposed Work		75B	Work Done By		76	New Struc Length	0 Ft. 0 In.	94	Struc Improve Cost	\$ 0,000	95	Roadway Improve Cost	\$ 0,000	96	Total Project Cost	\$ 0,000	97	Year of Cost Estimates	0	<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>6</td></tr> <tr><td>60</td><td>Substructure Cond. Rating</td><td>5</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	6	60	Substructure Cond. Rating	5	61	Channel /Channel Protection Cond. Rating	6	62	Culvert Cond. Rating	N									
Sufficiency Rating	59.1	Percent																																																					
Deficiency Rating	NOT DEFICIENT																																																						
Funding Eligibility																																																							
75A	Proposed Work																																																						
75B	Work Done By																																																						
76	New Struc Length	0 Ft. 0 In.																																																					
94	Struc Improve Cost	\$ 0,000																																																					
95	Roadway Improve Cost	\$ 0,000																																																					
96	Total Project Cost	\$ 0,000																																																					
97	Year of Cost Estimates	0																																																					
58	Deck Cond. Rating	5																																																					
59	Superstructure Cond. Rating	6																																																					
60	Substructure Cond. Rating	5																																																					
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>DOES NOT MEET ACCEPT STND</td></tr> <tr><td>36C</td><td>Approach Rail App. Rating</td><td>DOES NOT MEET ACCEPT STND</td></tr> <tr><td>36D</td><td>Rail End Treat. App. Rating</td><td>DOES NOT MEET ACCEPT 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>5</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>5</td></tr> <tr><td>72</td><td>Approach Road App. Rating</td><td>6</td></tr> <tr><td>113</td><td>Scour Assess App. Rating</td><td>3</td></tr> </table>	36A	Br. Rail App. Rating	DOES NOT MEET ACCEPT STND	36B	Transition Rail App. Rating	DOES NOT MEET ACCEPT STND	36C	Approach Rail App. Rating	DOES NOT MEET ACCEPT STND	36D	Rail End Treat. App. Rating	DOES NOT MEET ACCEPT STND	67	Struc Eval App. Rating	5	68	Deck Geometry App. Rating	5	69	Underclearance App. Rating	N	71	Waterway Adeq. App. Rating	5	72	Approach Road App. Rating	6	113	Scour Assess App. Rating	3	<table border="0" style="width:100%"> <tr><td>90</td><td>Gen. Insp Date</td><td>8 / 21</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>Y Months 24</td></tr> <tr><td>93C</td><td>Special Inspection Date</td><td>8 / 21</td></tr> </table>	90	Gen. Insp Date	8 / 21	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	Y Months 24	93C	Special Inspection Date	8 / 21
36A	Br. Rail App. Rating	DOES NOT MEET ACCEPT STND																																																					
36B	Transition Rail App. Rating	DOES NOT MEET ACCEPT STND																																																					
36C	Approach Rail App. Rating	DOES NOT MEET ACCEPT STND																																																					
36D	Rail End Treat. App. Rating	DOES NOT MEET ACCEPT STND																																																					
67	Struc Eval App. Rating	5																																																					
68	Deck Geometry App. Rating	5																																																					
69	Underclearance App. Rating	N																																																					
71	Waterway Adeq. App. Rating	5																																																					
72	Approach Road App. Rating	6																																																					
113	Scour Assess App. Rating	3																																																					
90	Gen. Insp Date	8 / 21																																																					
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	Y Months 24																																																					
93C	Special Inspection Date	8 / 21																																																					
APPROVED POSTING INFORMATION	BORDER BRIDGE INFORMATION																																																						
<table border="0" style="width:100%"> <tr><td>Approved Posting Category</td><td>S-C3</td></tr> <tr><td></td><td>Ton1      Ton2      Ton3</td></tr> <tr><td>Tonnage Values for Posting Sign</td><td>45</td></tr> <tr><td>General Text for Posting Sign</td><td></td></tr> <tr><td>WEIGHT LIMIT 45 TONS.</td><td></td></tr> </table>	Approved Posting Category	S-C3		Ton1      Ton2      Ton3	Tonnage Values for Posting Sign	45	General Text for Posting Sign		WEIGHT LIMIT 45 TONS.		<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-C3																																																						
	Ton1      Ton2      Ton3																																																						
Tonnage Values for Posting Sign	45																																																						
General Text for Posting Sign																																																							
WEIGHT LIMIT 45 TONS.																																																							
98	Neighboring State Code																																																						
98B	Neighboring State % Respon																																																						
99	Neighboring State Struc. No.																																																						
APPROVED POSTING INFORMATION	FIELD POSTING INFORMATION																																																						
<table border="0" style="width:100%"> <tr><td>Approved Posting Category</td><td>S-C3</td></tr> <tr><td></td><td>Ton1      Ton2      Ton3</td></tr> <tr><td>Tonnage Values for Posting Sign</td><td>45</td></tr> <tr><td>General Text for Posting Sign</td><td></td></tr> <tr><td>WEIGHT LIMIT 45 TONS.</td><td></td></tr> </table>	Approved Posting Category	S-C3		Ton1      Ton2      Ton3	Tonnage Values for Posting Sign	45	General Text for Posting Sign		WEIGHT LIMIT 45 TONS.		<table border="0" style="width:100%"> <tr><td>Field Posting Category</td><td>S-C3</td></tr> <tr><td></td><td>Ton1      Ton2      Ton3</td></tr> <tr><td>Tonnage Values for Posting Sign</td><td>45</td></tr> <tr><td>General Text for Posting Sign</td><td></td></tr> <tr><td>WEIGHT LIMIT 45 TONS.</td><td></td></tr> </table>	Field Posting Category	S-C3		Ton1      Ton2      Ton3	Tonnage Values for Posting Sign	45	General Text for Posting Sign		WEIGHT LIMIT 45 TONS.																																			
Approved Posting Category	S-C3																																																						
	Ton1      Ton2      Ton3																																																						
Tonnage Values for Posting Sign	45																																																						
General Text for Posting Sign																																																							
WEIGHT LIMIT 45 TONS.																																																							
Field Posting Category	S-C3																																																						
	Ton1      Ton2      Ton3																																																						
Tonnage Values for Posting Sign	45																																																						
General Text for Posting Sign																																																							
WEIGHT LIMIT 45 TONS.																																																							

DistrictAbbr = KC and Design\_No = S0025 and County = PLATTE and Inventory\_Appraisal\_Submittal\_Year = 2022 and Structure\_Type = STATE SYSTEM BRIDGE