



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

June 30, 2021  
1:22:15pm

COUNTY : ST. LOUIS BRIDGE : F0182 R2 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.          | 4453                      | 5D                              | Route Number                | 00100                     |
| 27                             | Year Built              | 1921                      | 5E                              | Directional Suffix          | NOT APPLICABLE            |
| 106                            | Year Reconstructed      | 1983                      | 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          | 05                        |
| 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 31 T 45 N R 5 E         | 102                             | Direction of Traffic        | 2-WAY TRAFFIC             |
| 11                             | Milepoint               | 105.01 miles              | 109                             | AADT Truck Percent          | 13%                       |
| 16                             | Latitude                | 38 D 35 M 47 S            | 114                             | Future AADT                 | 57405                     |
| 17                             | Longitude               | 90 D 29 M 16 S            | 115                             | Future AADT Year            | 2039                      |
| UNDERRECORD INFORMATION        |                         |                           | STRUCTURE GEOMETRIC INFORMATION |                             |                           |
| 6                              | Features Intersected    | GLAIZE CR                 | 10                              | Inventory Rte. Vert. Clear  | 99 Ft. 99 In.             |
| 42B                            | Type of Service Under   | WATERWAY                  | 19                              | By pass Detour Length       | 13.13 miles               |
| 28B                            | Lanes Under Structure   | 00                        | 32                              | Approach Roadway Width      | 69 Ft. 11 In.             |
| 54A                            | Vert. Clearance Ref.    | N/A                       | 34                              | Skew                        | 20.00 Degrees             |
| 54B                            | Vert. Clearance         | 0 Ft. 0 In.               | 35                              | Struct. Flared              | NO                        |
| 55A                            | Rt. Lat Clear Ref.      | N/A                       | 47                              | Total Horiz. Clear          | 45 Ft. 11 In.             |
| 55B                            | Rt. Lat Clearance       | 0 Ft. 0 In.               | 48                              | Maximum Span Length         | 13 Ft. 1 In.              |
| 56                             | Left Lat Clearance      | 0 Ft. 0 In.               | 49                              | Structure Length            | 43 Ft. 8 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.             |

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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            | 72 Tons.             | 44A                               | Appr Struc. Mat type                     | 000                 |
| 65                                  | Inventory Rating Meth       | LOAD FACTOR          | 44B                               | Appr Struc. Cnstr. type                  | 000                 |
| 66                                  | Inventory Rating            | 44 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 59.0 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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