

| COUNTY: LAWRENCE<br>RECORD TYPE: ROU | BRIDGE : A0872 1<br>JTE CARRIED 'ON' STRUCT | REVIEW STATUS : APPROVED<br>RUN DATE : 8/9/2024 | NBI STATUS : T<br>SUBMITTAL YEAR : 2024 |
|--------------------------------------|---|---|---|
| GENERAL STRUCTURE INFORMATION        |   |   | NATION INFORMATION                      |
|                                      | STRUCTURE INFORMATION                       |   |   |
| 1 State                              | MISSOURI                                    | 5A Record Type                                  | ROUTE CARRIED 'ON' STRUCT               |
| 2 District                           | SW  | 5B Route Signing Prefix                         | US                                      |
| 3 County                             | LAWRENCE                                    | 5C Designated Level of Service                  | MAINLINE                                |
| 8 Federal ID No.                     | 634   | 5D Route Number                                 | 00060                                   |
| 27 Year Built                        | 1961  | 5E Directional Suffix                           | NOT APPLICABLE                          |
| 106 Year Reconstructed               | 0   | 7 Facility Carried                              | US 60 E                                 |
| 42A Type of Service On               | HIGHWAY                                     | 12 Base Hwy. Network                            | YES                                     |
| 21 Structure Maintenance             | STATE HIGHWAY AGENCY                        | 13A LRS Inventory Route No.                     | 0000007782                              |
| 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                          | 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       |   |   | RAFFIC INFORMATION                      |
| 4 Place                              | BUCK PRAIRIE                                | 29 AADT   | 11513                                   |
| Code                                 | 09442                                       | 30 AADT Year                                    | 2023                                    |
| 9 Location                           | S 9 T 26 N R 25 W                           | 102 Direction of Traffic                        | 2-WAY TRAFFIC                           |
| 11 Milepoint                         | 57.21 miles                                 | 109 AADT Truck Percent                          | 12%                                     |
| 16 Latitude                          | 36 D 58 M 6 S                               | 114 Future AADT                                 | 18421                                   |
| 17 Longitude                         | 93 D 40 M 41 S                              | 115 Future AADT Year                            | 2043                                    |
| UNDERRECORD INFORMATION              |   | STRUCTURE GEO                                   | OMETRIC INFORMATION                     |
| 6 Features Intersected               | MNA RR                                      | 10 Inventory Rte. Vert. Clear                   | 99 Ft. 99 In.                           |
| 42B Type of Service Under            | RAILROAD                                    | 19 By pass Detour Length                        | 14.38 miles                             |
| 28B   Lanes Under Structure          | 00  | 32 Approach Roadway Width                       | 43 Ft. 12 In.                           |
| 54A Vert. Clearance Ref.             | RAIL ROAD                                   | 34 Skew   | 12.00 Degrees                           |
| 54B Vert. Clearance                  | 23 Ft. 3 In.                                | 35 Struct. Flared                               | NO                                      |
| 55A Rt. Lat Clear Ref.               | RAIL ROAD                                   | 47 Total Horiz. Clear                           | 27 Ft. 11 In.                           |
| 55B Rt. Lat Clearance                | 24 Ft. 7 In.                                | 48 Maximum Span Length                          | 55 Ft. 1 In.                            |
| 56 Left Lat Clearance                | 0 Ft. 0 In.                                 | 49 Structure Length                             | 147 Ft. 12 In.                          |
| 38 Navigation Control                | N/A   | 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                       | 27 Ft. 11 In.                           |
| 111 Nav. Pier Protection             |   | 52 Deck Width (Out-Out)                         | 31 Ft. 6 In.                            |
| 116 Nav. Cl. Vert. Clear             |   | 53 Vert.Clearance Over Deck                     | 99 Ft. 99 In.                           |

Design\_No = a0872 and Inventory\_Appraisal\_Submittal\_Year = 2024

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| COUNTY: LAWRENCE BRIDGE: A0872 1   | REVIEW STATUS : APPROVED NBI STATUS : T   |  |  |  |
|--|---|--|--|--|
| RECORD TYPE : ROUTE CARRIED 'ON' STRUCT  | RUN DATE :         8/9/2024         SUBMITTAL YEAR :         2024   |  |  |  |
| LOAD RATING AND POSTING INFORMATION  | MATERIAL/CONSTRUCTION INFORMATION   |  |  |  |
| 31       Design Load       H 20         41       Structure Status       OPEN NO RESTRICTIONS         63       Oper. Rating Meth.       LOAD FACTOR         64       Operating Rating       43 Tons.         65       Inventory Rating Meth       LOAD FACTOR         66       Inventory Rating       26 Tons.         70       Bridge Posting Code       =>LEGAL LOADS         PROPOSED IMPROVEMENT INFORMATION         Sufficiency Rating         41.2       Percent         Deficiency Rating       \$TRUCTURAL         Funding Eligibility       FULL         75A       Proposed Work       REPLACEMENT SUBSTND LOAD         75B       Work Done By       Contract         76       Work Done By       Contract | 43AMain Struc. Mat typeSTEEL CONTINUOUS43BMain struc Constr. TypeSTRINGER/MULTIBEAM - GRD45# of Main Spans344AAppr Struc. Mat type00044BAppr Struc. Cnstr. type00046# of Approach Span0107Deck Mat/Constr.1 CONCRETE CIP108AWear Surf Mat/Constr.6 BITUMINOUS108BMembrane Mat/Constr.0 NONE108CDeck Protect Mat/Constr.0 NONE58Deck Cond. Rating359Superstructure Cond. Rating5 |  |  |  |
| 76         New Struc Length         180 Ft. 5 In.           94         Struc Improve Cost         \$ 1,260,000           95         Roadway Improve Cost         \$ 126,000           96         Total Project Cost         \$ 1,890,000           97         Year of Cost Estimates         2024  | 60     Substructure Cond. Rating     6       61     Channel /Channel Protection Cond. Rating     N       62     Culvert Cond. Rating     N  |  |  |  |
| APPRAISAL RATING INFORMATION36ABr. Rail App. RatingMEETS ACCEPTBLE STND36BTransition Rail App. RatingMEETS ACCEPTBLE STND36CApproach Rail App. RatingMEETS ACCEPTBLE STND36DRail End Treat. App. RatingMEETS ACCEPTBLE STND67Struc Eval App. Rating568Deck Geometry App. Rating2   | 91Gen. Insp. Frequency24Months92AFrac. Critical InspectionNMonths93AFrac. Critical Insp. Date92BUnderwater InspectionNMonths93BUnderwater Insp. Date92CSpecial InspectionNMonths93CSpecial Inspection Date  |  |  |  |
| 69       Underclearance App. Rating       9         71       Waterway Adeq. App. Rating       N         72       Approach Road App. Rating       8         113       Scour Assess App. Rating       N  | BORDER BRIDGE INFORMATION         98       Neighboring State Code         98B       Neighboring State % Respon  |  |  |  |
| APPROVED POSTING INFORMATION   | 99 Neighboring State Struc. No. FIELD POSTING INFORMATION   |  |  |  |
| Approved Posting Category S-1  | Field Posting Category S-1  |  |  |  |
| Ton1 Ton2 Ton3   | Ton 1 Ton 2 Ton 3<br>Tonnage Values for Posting Sign  |  |  |  |
| General Text for Posting Sign<br>NO POSTING REQUIRED<br>Design No = a0872 and Inventory Appraisal Submittal Year = 2024  | General Text for Posting Sign<br>NO POSTING REQUIRED  |  |  |  |
| Design_No = a08/2 and inventory_Appraisal_Submittal_year = 2024<br>Page: 2   |   |  |  |  |



|                         | TY: LAWRENCE            | BRIDGE : K0947 R<br>TE CARRIED 'ON' STRUCT | REVIEW STATUS :APPROVEDNBI STATUS :TRUN DATE :8/29/2024SUBMITTAL YEAR :2024 |  |
|-------------------------|-------------------------|--|---|--|
|                         |                         |  |   |  |
|                         | GENERAL S               | TRUCTURE INFORMATION                       | ROUTE DESIGNATION INFORMATION   |  |
| 1                       | State                   | MISSOURI                                   | 5A Record Type ROUTE CARRIED 'ON' STRUCT                                    |  |
| 2                       | District                | SW   | 5B Route Signing Prefix MO  |  |
| 3                       | County                  | LAWRENCE                                   | 5C Designated Level of Service MAINLINE                                     |  |
| 8                       | Federal ID No.          | 6003                                       | 5D Route Number 0000H   |  |
| 27                      | Year Built              | 1941                                       | 5E Directional Suffix NOT APPLICABLE  |  |
| 106                     | Year Reconstructed      | 0  | 7 Facility Carried RT H S   |  |
| 42A                     | Type of Service On      | HIGHWAY                                    | 12 Base Hwy. Network YES  |  |
| 21                      | Structure Maintenance   | STATE HIGHWAY AGENCY                       | 13ALRS Inventory Route No.0000002309  |  |
| 22                      | Structure Owner         | STATE HIGHWAY AGENCY                       | 13BSubroute No.00   |  |
| 33                      | Br. Median Code         | NO MEDIAN                                  | 20 Toll Status ON FREE ROAD   |  |
| 37                      | Historical Significance | HISTORICAL SIGNIF UNKNWN                   | 26 Functional Classification 06-RURAL MINOR ARTERIAL                        |  |
| 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                   | HOBERG VILLAGE                             | 29 AADT 4576  |  |
|                         | Code                    | 32410                                      | 30 AADT Year 2023   |  |
| 9                       | Location                | S 2 T 27 N R 27 W                          | 102   Direction of Traffic   2-WAY TRAFFIC                                  |  |
| 11 1                    | Milepoint               | 1.01 miles                                 | 109 AADT Truck Percent 13%  |  |
| 16 I                    | Latitude                | 37 D 4 M 28 S                              | 114         Future AADT         7322  |  |
| 17 I                    | Longitude               | 93 D 51 M 28 S                             | 115   Future AADT Year   2043   |  |
| UNDERRECORD INFORMATION |                         | RECORD INFORMATION                         | STRUCTURE GEOMETRIC INFORMATION   |  |
| 6                       | Features Intersected    | MNA RR                                     | 10 Inventory Rte. Vert. Clear 99 Ft. 99 In.                                 |  |
| 42B                     | Type of Service Under   | RAILROAD                                   | 19 By pass Detour Length 36.25 miles  |  |
|                         | Lanes Under Structure   | 00   | 32 Approach Roadway Width 40 Ft. 0 In.                                      |  |
|                         | Vert. Clearance Ref.    | RAIL ROAD                                  | 34 Skew 18.00 Degrees   |  |
|                         | Vert. Clearance         | 22 Ft. 11 In.                              | 35 Struct. Flared NO  |  |
|                         | Rt. Lat Clear Ref.      | RAIL ROAD                                  | 47 Total Horiz. Clear 29 Ft. 2 In.  |  |
| 55B                     | Rt. Lat Clearance       | 16 Ft. 1 In.                               | 48 Maximum Span Length 57 Ft. 5 In.   |  |
| 56                      | Left Lat Clearance      | 0 Ft. 0 In.                                | 49Structure Length172 Ft. 11 In.  |  |
| 38 1                    | Navigation Control      | N/A  | 50A Left Curb/Sidewalk Width 0 Ft. 0 In.                                    |  |
| 39 1                    | 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 29 Ft. 2 In.                                      |  |
| 111                     | Nav. Pier Protection    |  | 52 Deck Width (Out-Out) 29 Ft. 10 In.                                       |  |
| 116                     | Nav. Cl. Vert. Clear    |  | 53 Vert.Clearance Over Deck 99 Ft. 99 In.                                   |  |

Design\_No = k0947 and Inventory\_Appraisal\_Submittal\_Year = 2024

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| COUNTY: LAWRENCE BRIDGE: K0947 R   | REVIEW STATUS : APPROVED NBI STATUS : T   |  |  |
|--|---|--|--|
| RECORD TYPE : ROUTE CARRIED 'ON' STRUCT  | RUN DATE :   8/29/2024   SUBMITTAL YEAR :   2024  |  |  |
| LOAD RATING AND POSTING INFORMATION  | MATERIAL/CONSTRUCTION INFORMATION   |  |  |
| 31       Design Load       H 15         41       Structure Status       OPEN NO RESTRICTIONS         63       Oper. Rating Meth.       LOAD FACTOR         64       Operating Rating       37 Tons.         65       Inventory Rating Meth       LOAD FACTOR         66       Inventory Rating       22 Tons.         70       Bridge Posting Code       =>LEGAL LOADS | 43AMain Struc. Mat typeCONCRETE43BMain struc Constr. TypeTEE BEAM45# of Main Spans344AAppr Struc. Mat type00044BAppr Struc. Cnstr. type00046# of Approach Span0107Deck Mat/Constr.1 CONCRETE CIP108AWear Surf Mat/Constr.6 BITUMINOUS |  |  |
| PROPOSED IMPROVEMENT INFORMATION   | 108B Membrane Mat/Constr. 1 BUILT UP  |  |  |
| Sufficiency Rating4.5PercentDeficiency RatingSTRUCTURALFunding EligibilityFULL   | 108C       Deck Protect Mat/Constr.       0 NONE         CONDITION RATING INFORMATION   |  |  |
| 75A Proposed Work REPLACEMENT SUBSTND LOAD   | 58 Deck Cond. Rating 3  |  |  |
| 75B Work Done By Contract  | 59     Superstructure Cond. Rating     3  |  |  |
| 76 New Struc Length 206 Ft. 8 In.  | 60 Substructure Cond. Rating 4  |  |  |
| 94 Struc Improve Cost \$ 1,325,000   | 61 Channel /Channel Protection Cond. Rating N   |  |  |
| 95 Roadway Improve Cost \$132,000  | 62 Culvert Cond. Rating N   |  |  |
| 96 Total Project Cost \$1,987,000  | INSPECTION INFORMATION  |  |  |
| 97 Year of Cost Estimates 2024   | 90 Gen. Insp Date 7/24  |  |  |
| APPRAISAL RATING INFORMATION   | 91 Gen. Insp. Frequency 24 Months   |  |  |
| 36A Br. Rail App. Rating MEETS ACCEPTBLE STND  | 92A Frac. Critical Inspection N Months  |  |  |
| 36B Transition Rail App. Rating MEETS ACCEPTBLE STND   | 93A Frac. Critical Insp. Date   |  |  |
| 36C Approach Rail App. Rating MEETS ACCEPTBLE STND   | 92B Underwater Inspection N Months  |  |  |
| 36D Rail End Treat. App. Rating MEETS ACCEPTBLE STND   | 93B Underwater Insp. Date   |  |  |
| 67 Struc Eval App. Rating 3  | 92C Special Inspection N Months   |  |  |
| 68 Deck Geometry App. Rating 4   | 93C Special Inspection Date   |  |  |
| 69 Underclearance App. Rating 6  | BORDER BRIDGE INFORMATION   |  |  |
| 71 Waterway Adeq. App. Rating N<br>72 Approach Road App. Rating 6  | 98 Neighboring State Code   |  |  |
|  | 98B Neighboring State % Respon  |  |  |
| 113 Scour Assess App. Rating N   | 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   |  |  |
|  | ~   |  |  |
|  |   |  |  |
| Design_No = k0947 and Inventory_Appraisal_Submittal_Year = 2024  |   |  |  |
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