

Inspector:

Structure Number: 03827

Inspection Date:

Facility Carried: SH 5 WHITE
COUNTY

Bridge Inspection Report

National Bridge Inventory

| IDENTIFICATION | | INSPECTIONS | |
|---------------------------------------------------|---------------------------|-------------------------------------------------------------|---------------|
| (1) STATE CODE | 056 - Arkansas | (90) INSPECTION DATE | 03/08/2016 |
| (8) STRUCTURE NUMBER | 03827 | (91) DESIGNATED INSPECTION FREQUENCY | 24 |
| (5) INV. ROUTE (ON/UNDER) | 1 3 1 5 0 | (92) CRITICAL FEATURE INSPECTION | (93) CFI DATE |
| (2) HIGHWAY AGENCY | 05 | A. FRACTURE CRITICAL DETAIL | N |
| (4) PLACE CODE | 00000 | B. UNDERWATER INSPECTION | N |
| (6) FEATURES INTERSECTED | BULL CREEK | C. OTHER SPECIAL | N |
| (7) FACILITY CARRIED | SH 5 WHITE COUNTY | | |
| (9) LOCATION | 2.78 MI N US 64 | | |
| (11) MILEPOINT | 2.750 | | |
| (12) BASE HIGHWAY NETWORK | 1 | | |
| (13A) LRS INVENTORY ROUTE | 0000005140 | (13B) SUBROUTE NUMBER | 00 |
| (16) LATITUDE | 35.14257 | (17) LONGITUDE | -92.09081 |
| (98A) BORDER BRIDGE CODE | | | |
| PERCENT RESPONSIBILITY | (99) BORDER BRIDGE STRUCT | | |
| STRUCTURE TYPE AND MATERIAL | | CONDITION | |
| (43) STRUCTURE TYPE, MAIN | | (58) DECK | 8 |
| A) KIND OF MATERIAL/DESIGN: 1 - Concrete | | (59) SUPERSTRUCTURE | 7 |
| B) TYPE OF DESIGN/CONSTR: 01 - Slab | | (60) SUBSTRUCTURE | 7 |
| (44) STRUCTURE TYPE, APPROACH SPANS | | (61) CHANNEL & CHANNEL PROTECTION | 7 |
| A) KIND OF MATERIAL/DESIGN: 0 - Other | | (62) CULVERT | N |
| B) TYPE OF DESIGN/CONSTR: 00 - Other | | | |
| (45) NUMBER OF SPANS IN MAIN | 3 | (46) NUMBER OF APPROACH | 0 |
| (107) DECK STRUCTURE TYPE | 1 | (108A) WEARING SURFACE | 1 |
| (108B) DECK MEMBRANE | 0 | (108C) DECK PROTECTION | 0 |
| AGE OF SERVICE | | LOAD RATING AND POSTING | |
| (27) YEAR BUILT | 1966 | (106) YEAR RECONSTRUCTED | 0000 |
| (42) TYPE OF SERVICE | ON 1 UNDER 5 | (83) METHOD USED TO DETERMINE OPERATING RATING | 1 |
| (28) LANES | ON 02 UNDER 00 | (64) OPERATING RATING | 60.0 |
| (29) AVERAGE DAILY TRAFFIC | 2500 | (85) METHOD USED TO DETERMINE INVENTORY RATING | 1 |
| (30) YEAR OF AVERAGE DAILY TRAFFIC | 2014 | (66) INVENTORY RATING | 36.0 |
| (109) AVERAGE DAILY TRUCK TRAFFIC | 1 | (70) BRIDGE POSTING | 5 |
| GEOMETRIC DATA | | (41) STRUCTURE OPEN/POSTED/CLOSED | A |
| (48) LENGTH OF MAX SPAN (ft.) | 30 | (49) STRUCTURE LENGTH (ft.) | 90 |
| (50) CURB/SIDEWALK WIDTHS (ft.) | LEFT 1.4 RIGHT 1.4 | (87) STRUCTURAL EVALUATION | 7 |
| (51) BRDG RDWY WIDTH CURB-TO-CURB (ft.) | 27.9 | (88) DECK GEOMETRY | 4 |
| (52) DECK WIDTH, OUT-TO-OUT (ft.) | 30.9 | (89) UNDERCLEARANCES, VERTICAL & HORIZONTAL | N |
| (32) APPROACH ROADWAY WIDTH (ft.) | 36.1 | (71) WATERWAY ADEQUACY | 8 |
| (33) BRIDGE MEDIAN | 0 | (72) APPROACH ROADWAY ALIGNMENT | 8 |
| (34) SKEW (DEG.) | 0 | (36) TRAFFIC SAFETY FEATURE | |
| (35) STRUCTURE FLARED | 0 | 36A) BRIDGE RAILINGS: | 1 |
| (10) INV RTE, MIN VERT CLEAR (ft.) | 99.99 | 36B) TRANSITIONS: | 0 |
| (47) TOTAL HORIZONTAL CLEARANCE (ft.) | 33.8 | 36C) APPROACH GUARDRAIL: | 0 |
| (53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.) | 99.99 | 36D) APPROACH GUARDRAIL ENDS: | 0 |
| (54) VERTICAL UNDER CLEARANCE (ft.) | N 0 | (113) SCOUR CRITICAL BRIDGES | 8 |
| (55) LATERAL UNDER CLEARANCE RIGHT (ft.) | N 99.9 | SUFFICIENCY RATING | 0 |
| (56) MIN LATERAL UNDER CLEARANCE (ft.) | 0 | STATUS | 78.0 |
| PROPOSED IMPROVEMENTS | | CLASSIFICATION | |
| (75A) TYPE OF WORK PROPOSED | (75B) WORK DONE BY | (112) NBIS BRIDGE LENGTH | Y |
| (76) LENGTH OF STRUCTURE IMPROVEMENT (ft.) | 0 | (104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE | 0 |
| (94) BRIDGE IMPROVEMENT COST (\$) | 0 | (26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE | 06 |
| (95) ROADWAY IMPROVEMENT COST (\$) | 0 | (100) STRAHNET HIGHWAY DESIGNATION | 0 |
| (96) TOTAL PROJECT COST | 0 | (101) PARALLEL STRUCTURE DESIGNATION | N |
| (97) YEAR OF IMPROVEMENT COST ESTIMATE | | (102) DIRECTION OF TRAFFIC | 2 |
| (114) FUTURE ADT | 5421 | (103) TEMP STRUCTURE | |
| (115) YEAR OF FUTURE ADT | 2028 | (105) FEDERAL LANDS HIGHWAYS | 0 |
| | | (110) DESIGNATED NATIONAL NETWORK | 0 |
| | | (20) TOLL | 3 |
| | | (21) MAINTENANCE RESPONSIBILITY | 01 |
| | | (22) OWNER | 01 |
| | | (37) HISTORICAL | 5 |
| | | NAVIGATION DATA | |
| | | (38) NAVIGATION CONTROL | 0 |
| | | (111) PIER OR ABUTMENT PROTECTION | 1 |
| | | (39) NAV VERT CLEARANCE (ft.) | 0 |
| | | (116) MIN NAVIGATION VERT CLEARANCE, VERT LIFT BRIDGE (ft.) | 0 |
| | | (40) NAV HORIZONTAL CLEARANCE (ft.) | 0 |

Inspector:

Structure Number: 03827

Inspection Date:

Facility Carried: SH 5 WHITE
COUNTY

Bridge Inspection Report

Element Inspection

| | Environment | Total Quantity | Units | Condition State 1 | Condition State 2 | Condition State 3 | Condition State 4 |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------|-------------------|-------------------|-------------------|-------------------|
| 38 - Reinforced Concrete Slab | 1- Ben. | 2781 | sq. ft. | 2688 | 90 | 3 | 0 |
| | Unsealed longitudinal crack to deck @ Span 1, 2, & 3. Moderate cracks to left & right outside edge of deck @ Bent 2 Minor longitudinal crack to deck below @ Span 1. | | | | | | |
| 1130 - Cracking (RC and Other) | | 93 | | | 90 | 3 | |
| 205 - Reinforced Concrete Column | 1- Ben. | 4 | each | 4 | | | |
| 215 - Reinforced Concrete Abutment | 1- Ben. | 90 | ft. | 90 | | | |
| 234 - Reinforced Concrete Pier Cap | 1- Ben. | 62 | ft. | 62 | | | |
| 301 - Pourable Joint Seal | 1- Ben. | 62 | ft. | 0 | 0 | 62 | 0 |
| | Joint seals are cracked. | | | | | | |
| 2340 - Seal Cracking | | 62 | | | 0 | 62 | |
| 330 - Metal Bridge Railing | 1- Ben. | 360 | ft. | 360 | | | |