

Oklahoma Dept. of Transportation - Bridge Inspection Report

NBI No.: 12788	Structure No.: 5156 1418 X	Local ID: -1	Suff. Rating: 67.00	ND
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Bridge Description: IDENTIFICATION (12ft.-14ft.-12ft.)X 14ft.X 106ft. R.C.BOX 1. State: Oklahoma 2. Division: Division 1 3. County: MUSKOGEE 4. City: MUSKOGEE Admin Area: Unknown 5a. On/Under: Route On Structure 5b. Kind of Hwy: U.S. Hwy 5c. Lvl of Svc: Mainline 5d. Route No.: 00069 5e. Dir. Sufx: N/A (NBI)	7. Facility Carried : U.S. 69 6. Feat. Intersect: COODY CREEK 9. Location: 14.1 MI NE C/L 11. Mile Post: 14.459 mi 13. LRS Inv. / Sub Rte: 5100056HX / 00 16. Latitude: 35° 44' 04.71" 17. Longitude: 095° 24' 08.44" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown
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STRUCTURE TYPE AND MATERIALS 43a/b. Main Span: Concrete / Culvert 44a/b. Appr. Span: Unknown / Unknown (P) 45. # of Main Spans: 3 46. # of Appr. Spans: 0 107. Deck Type: N/A (NBI) 108a. Wearing Surface: N/A (no deck (NBI)) 108b. Membrane: None 108c. Deck protection: None	INSPECTION <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Type</th> <th>Insp. Req.</th> <th>Insp. Done</th> <th>Freq.</th> <th>Insp. Date</th> <th>Next Insp.</th> </tr> </thead> <tbody> <tr> <td>NBI:</td> <td></td> <td>1</td> <td>24 months</td> <td>6/8/2023</td> <td>06/08/2025</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>	Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	6/8/2023	06/08/2025	FC:	N	0		NA	NA	UW:	N	0		NA	NA	OS:	N	0		NA	NA
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OS:	N	0		NA	NA																										

AGE AND SERVICE 19. Detour Length: 18.0 mi 27. Year Built: 1952 28a/b. Lanes on/und: 4 / 0 29. ADT: 17,200 30. Year of ADT: 2020 42a/b. Type of Svc on/und: Highway / Waterway	CLASSIFICATION 12. Base Hwy Net.: On Base Network 20. Toll Facility: On free road 21. Custodian: State 22. Owner: State 26. Function Class: 02 Rural Other Princ 37. Historical Sig.: Not eligible for NRHP 100. Def. Hwy: Not a STRAHNET hwy 101. Parallel Str.: No bridge exists 102. Traffic Dir.: 2-way traffic 103. Temp. Str.: Not Applicable (P) 104. Hwy System: On the NHS 105. Fed Land Hwy: N/A (NBI) 110. Defense Hwy: Not a STRAHNET hwy 112. NBIS Length: Long Enough
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GEOMETRIC DATA 10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 64.00 ft 33. Median: Closed Med w/o Barri 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 64.00 ft 48. Length Max Span: 14.11 ft 49. Struct. Length: 42.00 ft 50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 0.00 ft 52. Width Out to Out: 0.00 ft Deck Area: 4,367.48 sq. ft 53. Min. Vert. Cl. Ovr Brg: 99.99 ft 54a. Min. Vt. Undclr. Ref.: N Feature not hwy c 54b. Min. Vert. Undclr.: 0.00 ft 55a. Min. Lat. Undclr. Ref.: N Feature not hwy 55. Min. Lat. Underclr. R: 0.00 ft 56. Min. Lat. Underclr. L: 0.00 ft	CONDITION 58. Deck: N/A (NBI) 62. Culvert: 6 Deterioration 59. Sup.: N N/A (NBI) 61. Chan./Chan. Prot.: 5 Bank Prot Eroded Flowline Notes LOAD RATING AND POSTING 31. Design Load: MS 18 (HS 20) 41. Post. Status: A Open, no restriction 70. Posting: 5 At/Above Legal Loads 63. Op / 65. Inv. Rating Meth.: 1 LF Load Factor / 1 LF Load Factor <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>H</th> <th>HS</th> <th>3-3</th> <th>EV3</th> <th>SHV</th> </tr> </thead> <tbody> <tr> <td>64. Operating Rating (tons):</td> <td>32.96</td> <td>49.05</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>19.95</td> <td>36.05</td> <td>-1.00</td> <td>-1.00</td> <td></td> </tr> </tbody> </table>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	32.96	49.05	0.00	0.00	0.00	66. Inventory Rating (tons):	19.95	36.05	-1.00	-1.00	
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OKLAHOMA ITEMS 200c. Temperature: 92 200d. Weather: Clear 201. Struc. Stl. ASTM Desig.: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: - 204. Type of Railing: N/A 205. Material Quantity: -1.00 208a. Type of Abutment: Other b. Type of Found.: Bears on Natural Found. 209. Type of Pier/Found.: - / 210. Foundation Elev.: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">-1.00</td> <td style="width: 33%;">-1.00</td> <td style="width: 33%;">-1.00</td> </tr> <tr> <td>-1.00</td> <td>-1.00</td> <td>-1.00</td> </tr> </table> 211. Wear. Surf. Prot. Sys: None Date Installed: 01/01/1901 211c. Silane Reapplied 211d. Date : 213. Utilities Attached:	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	APPRAISAL 36a. Brdg Rail: 0 Substandard 36b. Transition: 0 Substandard 36c. Appr. Rail: 0 Substandard 36d. Appr. Rail Ends: 0 Substandard 67. Str Evaluation: 6 Equal Min Criteri 68. Deck Geom.: Not applicable (NBI) 69. Vert./Horiz. Undclr: Not applicable (NB 71. Waterway Adeq: 7 Above Minimum 72. Appr. Alignment: 8 Equal Desirable Crit 113. Scour Critical: 8 Stable Above Footir PROPOSED IMPROVEMENTS 94. Bridge Cost: \$336,368 95. Roadway Cost: \$555,007 96. Total Cost: \$941,830 97. Yr. of Cost Est.: 2015 75. Type of Work: 33 Widen w/o Deck Rel 76. Lngth of Improvement: 42.0 ft 114. Future ADT: 27,520 115. Yr. of Future ADT: 2040 NAVIGATION DATA 38. Nav. Control: Permit Not Required 39. Vert. Clearance: 0.0 ft 40. Horiz. Clearance: 0.0 ft 111. Pier Protect.: 1 Not Required 116. Lift Bridge Vert. Clr.: 0.0 ft 214a. Posted Weight Limit: NR b. Posted Speed Limit: N c. Narrow/1way Brdg Sign: No d. Vertical Clr. Sign: No Adv. Warning Sign: No e. Navigation Lights?: NA Working/Not Working: NA 215. Overpass: U.S. HIGHWAY 218. Functionally Obsolete : - 220. Bridge Redecked : - 221. Substr. Cond. (U/W): 222. Fill Over RCB: 3 223. Appr. Slab/Rwy Cond.: 2 225. Paint Type/Ovrct: 226. Date Painted: 227. Paint Color: -1 233. Deck Forming: 238. School Bus Rte.: Current & Desired route 240. Appr. Rwy Type.: Asphalt/Bituminous 243. Grdr Spacing/No.: /
-1.00	-1.00	-1.00					
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-1.00	-1.00	-1.00					
-1.00	-1.00	-1.00					

BRIDGE OWNER: DISTRICT 1
NBI NO.: 12788
STRUCTURE NO.: 5156 1418 X

COUNTY: MUSKOGEE
FACILITY CARRIED: U.S. 69
FACILITY INTERSECTED: COODY CREEK



PHOTO 1: SOUTH APPROACH (LOOKING NORTH)



PHOTO 2: NORTH APPROACH (LOOKING SOUTH)

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PHOTO 3: WEST PROFILE
(LOOKING EAST)



PHOTO 4: CHANNEL,
UPSTREAM
(LOOKING WEST)

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PHOTO 5: CHANNEL, DOWNSTREAM (LOOKING EAST)



PHOTO 6: VERTICAL CRACK WITH EFFLORESCENCE AND HEAVY BUILDUP IN WALLS OF CELLS

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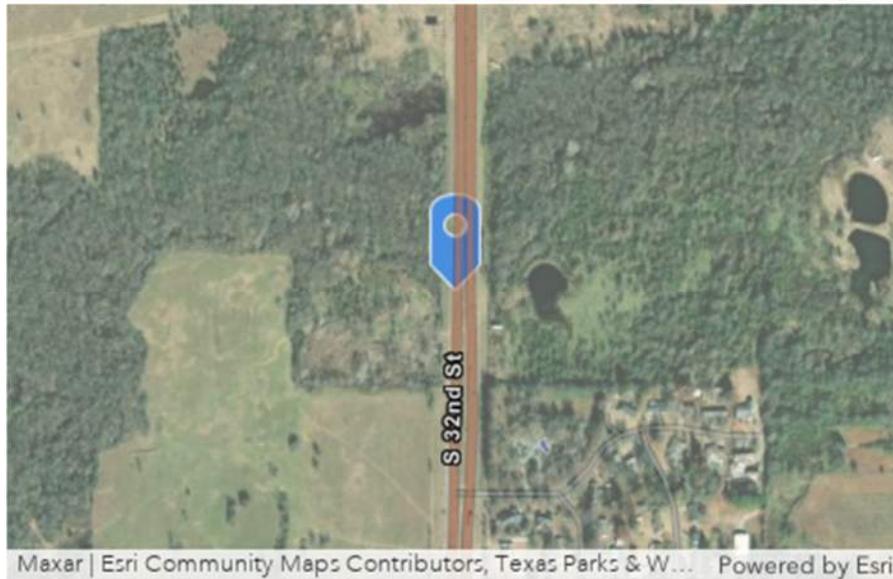
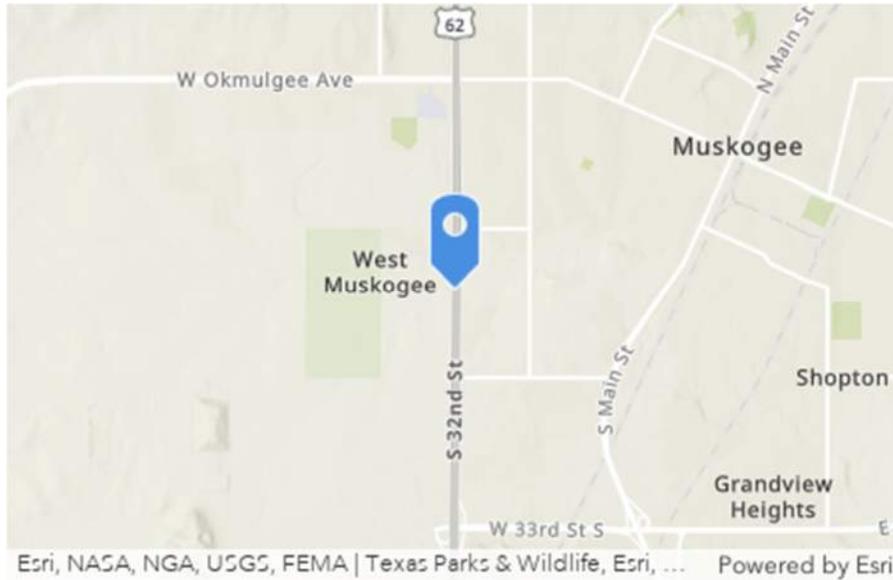


PHOTO 7: SEDIMENT AND VEGETATION OBSTRUCTING CELLS 2 & 3 UP TO 6FT UPSTREAM AND DOWNSTREAM

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INSPECTED BY: Bridge_Garver
INSPECTION DATE: 06/08/2023
LOCATION: -95.40266, 35.73436



LOCATION NOTES