

Oklahoma Dept. of Transportation - Bridge Inspection Report

NBI No.: 09189	Structure No.: 14N3170E1210005	Local ID: 022A	Suff. Rating: 27.20	SD																														
Bridge Description: 15ft. - 36ft. - 15ft. WF BEAM		IDENTIFICATION																																
1. State: Oklahoma 2. Division: Division 3 3. County: CLEVELAND 4. City: NORMAN Admin Area: Unknown 5a. On/Under: Route On Structure 5b. Kind of Hwy: City Street 5c. Lvl of Svc: Mainline 5d. Route No.: N3170 5e. Dir. Sufx: N/A (NBI)		7. Facility Carried : 60TH AVE NE 6. Feat. Intersect: ROCK CREEK 9. Location: 0.5 N ROCK CREEK RD 11. Mile Post: 4.542 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 35° 15' 19.30" 17. Longitude: 097° 21' 11.09" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown																																
STRUCTURE TYPE AND MATERIALS		INSPECTION																																
43a/b. Main Span: Steel / Stringer/Girder 44a/b. Appr. Span: N/A / Not Applicable (P) 45. # of Main Spans: 3 46. # of Appr. Spans: 0 107. Deck Type: Concrete-Cast-in-Place 108a. Wearing Surface: Bituminous 108b. Membrane: None 108c. Deck protection: None		<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>12 months</td> <td>10/10/2022</td> <td>10/10/2023</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	12 months	10/10/2022	10/10/2023	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		CLASSIFICATION																																
19. Detour Length: 0.6 mi 27. Year Built: 1940 28a/b. Lanes on/und: 2 / 0 29. ADT: 1,669 30. Year of ADT: 2020 42a/b. Type of Svc on/und: Highway / Waterway		12. Base Hwy Net.: Not on Base Network 20. Toll Facility: On free road 21. Custodian: City 22. Owner: City 26. Function Class: 09 Rural Local 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: Not on NHS 105. Fed Land Hwy: IRR-Indian Res Rd 110. Defense Hwy: Not a STRAHNET hwy 112. NBIS Length: Long Enough																																
GEOMETRIC DATA		CONDITION																																
10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 24.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 26.00 ft 48. Length Max Span: 36.09 ft 49. Struct. Length: 65.95 ft		58. Deck: 6 Satisfactory 59. Sup.: 4 Poor 60. Sub: 4 Poor 62. Culvert: N/A (NBI) 61. Chan./Chan. Prot.: 5 Bank Prot Eroded 57. Flowline Notes 2022- FL= 19.4 ft to E TOD 2021, FL=19.1ft to ETOD 2019, FL = 19.2ft measured 35ft from NE corner.																																
OKLAHOMA ITEMS		LOAD RATING AND POSTING																																
200c. Temperature: 68 200d. Weather: Cloudy 201. Struc.Stl. ASTM Desig.: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: Pourable 204. Type of Railing: Metal Railing (other) 205. Material Quantity: -1.00 208a. Type of Abutment: Other b. Type of Found.: Bears on Natural Found. 209. Type of Pier/Found.: B / No Steel Piling 210. Foundation Elev.: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>-1.00</td> <td>-1.00</td> <td>-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	31. Design Load: M 9 (H 10) 41. Post. Status: P Posted for load 70. Posting: 0 >39.9% below 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>5.60</td> <td>6.60</td> <td>15.50</td> <td>4.30</td> <td>5.60</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>3.40</td> <td>4.00</td> <td>9.30</td> <td>2.60</td> <td></td> </tr> </tbody> </table> Date Rated: 12/03/2019				H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	5.60	6.60	15.50	4.30	5.60	66. Inventory Rating (tons):	3.40	4.00	9.30	2.60							
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214a. Posted Weight Limit: 040404 b. Posted Speed Limit: 50 c. Narrow/1way Brdg Sign: No d. Vertical Clr. Sign: No Adv. Warning Sign: No e. Navigation Lights?: No Working/Not Working: No 215. Overpass: ACOG 218. Functionally Obsolete : FO 220. Bridge Redecked: - 221. Substr.Cond.(U/W): 222. Fill Over RCB: 223. Appr.Slab/Rwy Cond.: 2 225. Paint Type/Ovrct: Red Lead 3 Coat System 226. Date Painted: 1940 227. Paint Color: Silver 233. Deck Forming: Perm.Metal Deck Forr 238. School Bus Rte.: Current bus route 240. Appr. Rwy Type.: Asphalt/Bituminous 243. Grdr Spacing/No.: 3.40 / VA		36a. Brdg Rail: 0 Substandard 36b. Transition: 0 Substandard 36c. Appr. Rail: 0 Substandard 36d. Appr.Rail Ends: 0 Substandard 67. Str Evaluation: 2 Intolerable - Repl 68. Deck Geom.: 4 Tolerable 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																																
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OKLAHOMA ITEMS		NAVIGATION DATA																																
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**OKLAHOMA DEPARTMENT OF TRANSPORTATION
OFF-SYSTEM ROUTINE INSPECTION
PHOTOGRAPH RECORD FORM**

County: CLEVELAND Division: 3 Facility Carried: 60th AVE NE
Structure: 14N3170E1210005 NBI#: 09189 Feature Intersected: ROCK CREEK



Roadway view with load posting of 4 tons, looking south



Roadway view with load posting of 4 tons, looking north

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Elevation view, looking west



Southeast ditch erosion, looking north

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Southeast ditch erosion, looking south



Northwest ditch erosion

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Erosion at west end of south abutment



Section loss to secondary support on pier cap at east end

Date: October 10, 2022
Inspected By: Troy Travis, P.E. and Colby Warden, E.I.

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Section loss to secondary support on pier cap at east end



Section loss to secondary support on pier cap at east end

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Typical view of SIP forms



Loss of section to end of beam 1 at north abutment

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Loss of section to end of beam 1 at north abutment



Typical condition of superstructure, looking at northside of pier 1

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Channel view, looking east



Channel view, looking west