

Oklahoma Dept. of Transportation - Bridge Inspection Report

NBI No.: 09863	Structure No.: 14E1220N3070004	Local ID: 023	Suff. Rating: 97.80	ND
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Bridge Description: (6) 4ft. X 51ft. CGMP SKEWED 10 DEG. LF 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 Srvc: Mainline 5d. Route No.: E1220 5e. Dir. Sufx: N/A (NBI) 7. Facility Carried: W ROCK CREEK RD 6. Feat.: CREEK 9. 0.6 W 48TH AVE NW 11. Mile Post: 0.466 mi 13. LRS / Sub Rte: / 16. Latitude: 35° 14' 50.36" 17. Longitude: 097° 31' 16.77" 98. Border: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown	INSPECTION <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Type</th> <th>Insp. Req.</th> <th>Insp. Done</th> <th>Freq.</th> <th>Insp. Date</th> <th>Next Insp.</th> </tr> <tr> <td>NBI:</td> <td></td> <td>1</td> <td>24 months</td> <td>10/9/2023</td> <td>10/09/2025</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> </table>	Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	10/9/2023	10/09/2025	FC:	N	0		NA	NA	UW:	N	0		NA	NA	OS:	N	0		NA	NA
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FC:	N	0		NA	NA																										
UW:	N	0		NA	NA																										
OS:	N	0		NA	NA																										
STRUCTURE TYPE AND MATERIALS 43a/b. Main Span: Steel / Culvert 44a/b. Appr. Span: N/A / Not Applicable (P) 45. # of Main Spans: 6 46. # of Appr. Spans: 0 107. Deck Type: N/A (NBI) 108a. Wearing Surface: N/A (no deck (NBI)) 108b. Membrane: N/A (no deck (NBI)) 108c. Deck protection: N/A (no deck (NBI)) 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	CLASSIFICATION 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: N/A (NBI) 110. Defense Hwy: Not a STRAHNET hwy 112. NBIS Length: Long Enough 58. Deck: N/A (NBI) 62. Culvert: 6 Deterioration 59. Sup.: N N/A (NBI) 61. Chan./Chan. Prot.: 8 Protected 60. Sub: N N/A (NBI) Flowline Notes: Erosion N. edge of asphalt extending 4.5' under asphalt up to 2' deep																														
AGE AND SERVICE 19. Detour Length: 0.6 mi 27. Year Built: 1942 28a/b. Lanes on/und: 2 / 0 29. ADT: 3,366 30. Year of ADT: 2020 42a/b. Type of Svc on/und: Highway / Waterway 106. Year Reconst.: 109. Truck ADT: 10%	LOAD RATING AND POSTING 31. Design Load: M 13.5 (H 15) 41. Post. Status: P Posted for load 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;"> <tr> <th></th> <th>H</th> <th>HS</th> <th>3-3</th> <th>EV3</th> <th>SHV</th> </tr> <tr> <td>64. Operating Rating (tons):</td> <td>99.80</td> <td>100.00</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>99.60</td> <td>99.60</td> <td></td> <td></td> <td></td> </tr> </table>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	99.80	100.00	0.00	0.00	0.00	66. Inventory Rating (tons):	99.60	99.60															
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GEOMETRIC DATA 10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 22.00 ft 33. Median: No median 34. Skew: 10.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 22.00 ft 48. Length Max Span: 3.94 ft 49. Struct. Length: 28.87 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: 1,443.55 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	APPRAISAL 36a. Brdg Rail: N/A or not required 36b. Transition: N/A or not required 36c. Appr. Rail: N/A or not required 36d. Appr. Rail Ends: N/A or not require 67. Str Evaluation: 6 Equal Min Criteriz 68. Deck Geom.: Not applicable (NBI) 69. Vert./Horiz. Undclr: Not applicable (NB 71. Waterway Adeq: 4 Tolerable 72. Appr. Alignment: 8 Equal Desirable Crit 113. Scour Critical: 8 Stable Above Footin																														
OKLAHOMA ITEMS 200c. Temperature: 85 200d. Weather: Clear 201. Struc. Stl. ASTM Desig.: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: Open Joint-No 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>-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: 214a. Posted Weight Limit: 202020 b. Posted Speed Limit: NR 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: ACOG 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 bus route 240. Appr. Rwy Type.: Asphalt/Bituminous 243. Grdr Spacing/No.: /	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	PROPOSED IMPROVEMENT 94. Bridge Cost: \$100,000 95. Roadway Cost: \$75,000 96. Total Cost: \$225,000 97. Yr. of Cost Est.: 2015 75. Type of Work: 33 Widen w/o Deck Rel 76. Lngth of Improvement: 105.8 ft 114. Future ADT: 4,712 115. Yr. of Future ADT: 2040																								
-1.00	-1.00	-1.00																													
-1.00	-1.00	-1.00																													
NAVIGATION DATA 38. Nav. Control: Permit Not Required 39. Vert. Clearance: 0.0 ft 40. Horiz. Clearance: 0.0 ft 111. Pier Protect.: Not Applicable (P) 116. Lift Bridge Vert. Clr.: 0.0 ft	244. Span Lengths: 245. Girder Depth: 246a. Type of Overlay: NA b. Overlay Thickness: c. Overlay Date: 01/01/1901 d. Only Depth Changed >1": 247. Protective Systems: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table> 248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: No 250. Headwall: 50.00 258. Plans w/Found. in ODOT File: - 259. Scour Eval. in ODOT File: - 263. Interchange at Intersection: - 264. Interstate Milepoint:																														

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Inspection Date: 10/9/23 Wayne Roesner

Invoice No.: HWL141023 Inspected With: Lukas Evans

Wayne Roesner (Ite)

Digitally signed by Wayne Roesner (Ite)
DN: C=US,
E=wroesner@hwlochner.com,
O=Lochner, CN=Wayne Roesner (Ite)
Date: 2023.12.19 14:05:02-06'00'

BRIDGE NOTES:

INSPECTION NOTES: 10/9/23

Stream alignment is poor on upstream end. Water stands in pipes most of the time. New Pipes 2021. Cavity tunneling between west pipes in north shoulder.

ELEMENT CONDITION STATE DATA

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
240 / 4	Steel Culvert	ft	305.00	0%	0.00	0%	0.00	100%	305.00	0%	0.00
Section loss started to lower 1/3 of all pipes. Monitor debris											
965 / 4	Debris SF	each	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
Fence on downstream side is catching debris. Drift caught in N. end up to 15% coverage in pipes 2-5.											
968 / 1	Erosion SF	each	1.00	100%	1.00	0%	0.00	0%	0.00	0%	0.00
PX- Repair erosion under asphalt 2' x 4.5'											

**OKLAHOMA DEPARTMENT OF TRANSPORTATION
ON-SYSTEM ROUTINE INSPECTION
PHOTOGRAPH RECORD FORM**

County: Cleveland ODOT District: 3 Facility Carried: W ROCK CREEK RD
Structure: 14E12203070004 NBI# 09863 Feature Intersected: CREEK



Roadway view, looking west



Roadway view, looking east

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Elevation view, looking southwest



Elevation view, looking north

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Erosion 4.5' under asphalt with 2' deep void



E. pipe 20.5' from north end 3" deflection