

Oklahoma Dept. of Transportation - Bridge Inspection Report

NBI No.: 18599		Structure No.: 04E0300N1560001		Local ID: 077		Suff. Rating: 81.40	
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IDENTIFICATION				INSPECTION																																	
Bridge Description: 12-30ft. CONT. I-BM SPANS				<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>12 months</td> <td>10/3/2023</td> <td>10/03/2024</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	12 months	10/3/2023	10/03/2024	FC:	N	0		NA	NA	UW:	N	0		NA	NA	OS:	N	0		NA	NA
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NBI:		1	12 months	10/3/2023	10/03/2024																																
FC:	N	0		NA	NA																																
UW:	N	0		NA	NA																																
OS:	N	0		NA	NA																																
1. State: Oklahoma 2. Division: Division 6 3. County: BEAVER 4. City: Unknown Admin Area: Cnty. District 1 5a. On/Under: Route On Structure 5b. Kind of Hwy: County Hwy 5c. Lvl of Srvc: Mainline 5d. Route No.: 0430C 5e. Dir. Sufx: N/A (NBI)				7. Facility Carried: 0430C 6. Feat. KIOWA CREEK 9. 3.S 5.9W OF SLAPOUT 11. Mile Post: 2.100 mi 13. LRS / Sub Rte: / 16. Latitude: 36° 34' 21.34" 17. Longitude: 100° 12' 55.46" 98. Border Unknown (P) % Responsible: 0.00 99. Border Brdg #: -1																																	
STRUCTURE TYPE AND MATERIALS				CLASSIFICATION																																	
43a/b. Main Span: Steel Cont. / Stringer/Girder 44a/b. Appr. Span: Unknown / Unknown (P) 45. # of Main Spans: 12 46. # of Appr. Spans: 0 107. Deck Type: Corrugated Steel 108a. Wearing Surface: Other 108b. Membrane: None 108c. Deck protection: None				12. Base Hwy Net.: Not on Base Network 20. Toll Facility: On free road 21. Custodian: County 22. Owner: County 26. Function Class: 07 Rural Mjr Collecto 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: N/A (NBI) 110. Defense Hwy: Not a STRAHNET hwy 112. NBIS Length: Long Enough																																	
AGE AND SERVICE				CONDITION																																	
19. Detour Length: 12.0 mi 27. Year Built: 1973 28a/b. Lanes on/und: 2 / 0 29. ADT: 100 30. Year of ADT: 2020 42a/b. Type of Svc on/und: Highway / Waterway				58. Deck: 5 Fair 62. Culvert: N/A (NBI) 59. Sup.: 6 Satisfactory 61. Chan./Chan. Prot.: 6 Bank Slumping 60. Sub: 6 Satisfactory Flowline Notes: 10/3/2023 - 17ft 6in TOD 10/4/2022 - 17ft TOD																																	
GEOMETRIC DATA				LOAD RATING AND POSTING																																	
10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 31.40 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 23.40 ft 48. Length Max Span: 29.86 ft 49. Struct. Length: 360.00 ft				31. Design Load: Unknown 41. Post. Status: P Posted for load 70. Posting: 3 10.0-19.9% below 63. Op / 65. Inv. Rating Meth.: 1 LF Load Factor / 1 LF Load Factor <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>H</th> <th>HS</th> <th>3-3</th> <th>EV3</th> <th>SHV</th> </tr> <tr> <td>28.00</td> <td>44.00</td> <td>0.00</td> <td>36.00</td> <td>41.00</td> </tr> </table> 64. Operating Rating (tons): 66. Inventory Rating (tons):				H	HS	3-3	EV3	SHV	28.00	44.00	0.00	36.00	41.00																				
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OKLAHOMA ITEMS				APPRAISAL																																	
200c. Temperature: 73 200d. Weather: Clear 201. Struc. Stil. ASTM Desig.: 33 / KSI 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: - 204. Type of Railing: W-Beam 205. Material Quantity: 720.00 208a. Type of Abutment: Skeleton b. Type of Found.: Steel Piling 209. Type of Pier/Found.: 9 / Yes 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> </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	214a. Posted Weight Limit: 282828 b. Posted Speed Limit: NR 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: ACCO 218. Functionally Obsolete: 220. Bridge Redecked: - 221. Substr. Cond. (U/W): 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: Red Lead 3 Coat System N/A 226. Date Painted: 1973 227. Paint Color: White 233. Deck Forming: 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type: Gravel 243. Grdr Spacing/No.: 28.00 / 11																														
-1.00	-1.00	-1.00																																			
PROPOSED IMPROVEMENT				NAVIGATION DATA																																	
94. Bridge Cost: \$627,000 95. Roadway Cost: \$345,000 96. Total Cost: \$983,000 97. Yr. of Cost Est.: 2015				75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 402.9 ft 114. Future ADT: 160 115. Yr. of Future ADT: 2040																																	
244. Span Lengths: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>30</td> <td>30</td> <td>30</td> </tr> </table> 245. Girder Depth: 15.00 246a. Type of Overlay: Soil b. Overlay Thickness: 6.00 c. Overlay Date: 06/30/2001 d. Ovly Depth Changed >1": N 247. Protective Systems:				30	30	30	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																														
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Inspection Date: 10/3/23 Stephen Reese

Invoice No.: 604353 Inspected With: Tyson Rose

BRIDGE NOTES:

INSPECTION NOTES: 10/3/23

10/3/2023
10/4/2022 - 8in by 8in H beams for piles and caps

ELEMENT CONDITION STATE DATA

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
30 / 1	Steel Deck - Orthotropic	sq.ft	8,424.00	100%	8,400.00	0%	23.00	0%	0.00	0%	1.00
10/3/2023 - No holes noted at this time. Looks to have been re-welded. 10/4/2022 - 1 patched area in span #4 in N lane not welded to outer areas. 1 torn area below in span #8 has been repaired on roadway but still has a gouge below ok for now. 12/4/19 Visible areas show potholes small areas of deck visible with rust. No holes noted. Decking looks to have been replaced recently. SW corner has deck angle bent up											
510 / 1	Wearing Surfaces	sq.ft	8,424.00	0%	0.00	100%	8,424.00	0%	0.00	0%	0.00
10/3/2023 10/4/2022 - Overlay very rough with lots of wash boarding and pot holes. 12/4/19 6in. of gravel. Pot holes throughout.											
107 / 1	Steel Opn Girder/Beam	ft	3,960.00	0%	0.00	0%	0.00	100%	3,960.00	0%	0.00
10/3/2023 - Most beams have been spliced with steel plates on webs. 10/4/2022 - No change. Satisfactory condition. Rust with minor pitting. Light pitting on bottom of flanges. All beams are welded continuous over piers.											
515 / 1	Steel Protective Coating	sq.ft	16,879.00	0%	0.00	0%	0.00	0%	0.00	100%	16,879.00
10/3/2023 10/4/2022 - PX - Not much paint left.											
219 / 1	Stl Abutment	ft	48.00	100%	48.00	0%	0.00	0%	0.00	0%	0.00
10/3/2023 - Good condition.											
918 / 1	St.(substr)Prot.Coat	sq.ft	1,440.00	0%	0.00	100%	1,440.00	0%	0.00	0%	0.00
10/3/2023 10/4/2022 - Light staining.											
225 / 1	Steel Pile	each	40.00	0%	0.00	0%	0.00	100%	40.00	0%	0.00
10/3/2023 - 8in H beam for piles. 10/4/2022 - Piles in pier 4 and 5 have moderate exfoliation with minor loss on lower 2ft. Satisfactory condition. No loss to any piles at this time. All bad piles have been repaired with steel plates. Now only minor exfoliation visible on a few piles in pier #7. Heavy freckle rust with minor pitting on others. Minor pitting on all piles											
231 / 1	Steel Pier Cap	ft	312.00	0%	0.00	0%	0.00	100%	312.00	0%	0.00
10/3/2023 - No change. 8in H beam for caps. 10/4/2022 - Satisfactory condition. Light pitting on caps											
330 / 1	Metal Bridge Railing	ft	720.00	0%	0.00	89%	640.00	11%	80.00	0%	0.00
10/3/2023 - Minor pitting on rail post. 10/4/2022 - Rust prevalent on approximately 50% of rail. Rail broke loos at pier #4 S side											
919 / 1	St.(Rail) Prot. Coat	sq.ft	1,584.00	0%	0.00	0%	0.00	0%	0.00	100%	1,584.00
10/3/2023 10/4/2022 - PX - not much coating left.											
871 / 1	Steel Wingwall	each	4.00	0%	0.00	0%	0.00	100%	4.00	0%	0.00
10/3/2023 10/4/2022 - Minor pitting on piles											
963 / 1	Steel Section Loss SF	each	1.00	0%	0.00	0%	0.00	0%	0.00	100%	1.00
10/3/2023 10/4/2022 - Pitting on piles and caps. Minor pitting on beams and piles.											

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NBI No.: 15210		Structure No.: 13N0130E0280008		Local ID: 124		Suff. Rating: 42.50		SD	
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Bridge Description: 27 PAN GIRDER SPANS				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>12 months</td> <td>10/4/2022</td> <td>10/04/2023</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> </table>				Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	12 months	10/4/2022	10/04/2023	FC:	N	0		NA	NA	UW:	N	0		NA	NA	OS:	N	0		NA	NA
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NBI:		1	12 months	10/4/2022	10/04/2023																																
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IDENTIFICATION 1. State: Oklahoma 2. Division: Division 6 3. County: CIMARRON 4. City: Unknown Admin Area: Cnty. District 1 5a. On/Under: Route On Structure 5b. Kind of Hwy: County Hwy 5c. Lvl of Svc: Mainline 5d. Route No.: 1342C 5e. Dir. Sufx: N/A (NBI)				7. Facility Carried: 1342C 6. Feat.: BEAVER RIVER 9. 1.2N OF FELT 11. Mile Post: 6.351 mi 13. LRS / Sub Rte: -1 / -1 16. Latitude: 36° 35' 42.10" 17. Longitude: 102° 47' 22.18" 98. Border: Unknown (P) % Responsible: 0.00 99. Border Brdg #: -1																																	
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AGE AND SERVICE 19. Detour Length: 21.1 mi 27. Year Built: 1960 28a/b. Lanes on/und: 2 / 0 29. ADT: 100 30. Year of ADT: 2020 42a/b. Type of Svc on/und: Highway / Waterway				CONDITION 58. Deck: 6 Satisfactory 62. Culvert: N/A (NBI) 59. Sup.: 4 Poor 61. Chan./Chan. Prot.: 8 Protected Flowline Notes: 10/4/2022 - 22ft TOD - 10/4/2021 - 19ft 6in TOD - 10/8/2020 - 19ft TOD 2013 - 19.8ft TOC 10/21/2015 - 19.8ft TOC 10/20/17 - 19.8ft TOC. 11/1/19																																	
GEOMETRIC DATA 10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 27.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 26.90 ft 48. Length Max Span: 40.03 ft 49. Struct. Length: 1,080.05 ft 50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 27.00 ft 52. Width Out to Out: 28.50 ft Deck Area: 30,782.20 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: 99.90 ft 56. Min. Lat. Underclr. L: 99.90 ft				LOAD RATING AND POSTING 31. Design Load: MS 18 (HS 20) 41. Post. Status: P Posted for load 70. Posting: 4 0.1-9.9% below 63. Op / 65. Inv. Rating Meth.: 2 AS Allowable Stress / 2 AS Allowable Stress <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>H</th> <th>HS</th> <th>3-3</th> <th>EV3</th> <th>SHV</th> </tr> <tr> <td>64. Operating Rating (tons): 15.00</td> <td>23.00</td> <td></td> <td>28.00</td> <td>26.00</td> </tr> <tr> <td>66. Inventory Rating (tons): 8.00</td> <td>13.00</td> <td></td> <td>15.00</td> <td></td> </tr> </table>				H	HS	3-3	EV3	SHV	64. Operating Rating (tons): 15.00	23.00		28.00	26.00	66. Inventory Rating (tons): 8.00	13.00		15.00																
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OKLAHOMA ITEMS 200c. Temperature: 56 200d. Weather: Rain/Snow 201. Struc. Stl. ASTM Design: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: Open Joint-No Device 204. Type of Railing: SFP-1 205. Material Quantity: 2,160.00 208a. Type of Abutment: Skeleton b. Type of Found.: Steel Piling 209. Type of Pier/Found.: 2 / Yes Concrete 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: Petroleum Prod				-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	214a. Posted Weight Limit: 151515 b. Posted Speed Limit: NR 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: ACCO 218. Functionally Obsolete: - 220. Bridge Redecked: - 221. Substr. Cond. (U/W): 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 1 225. Paint Type/Ovrct: N/A N/A 226. Date Painted: 227. Paint Color: -1 233. Deck Forming: Conventional Forming 238. School Bus Rte.: Current bus route 240. Appr. Rwy Type.: Asphalt/Bituminous 243. Grdr Spacing/No.: / 10																											
-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: 4 Minimum Tolerab 68. Deck Geom.: 6 Equal Min Criteria 69. Vert./Horiz. Undclr: Not applicable (NB 71. Waterway Adeq: 6 Equal Minimum 72. Appr. Alignment: 8 Equal Desirable Crl 113. Scour Critical: 8 Stable Above Footin				PROPOSED IMPROVEMENT 94. Bridge Cost: \$1,681,000 95. Roadway Cost: \$480,000 96. Total Cost: \$2,208,000 97. Yr. of Cost Est.: 2015 75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 1,080.1 ft 114. Future ADT: 160 115. Yr. of Future ADT: 2040																																	
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NBI No.: 15210	Structure No.: 13N0130E0280008	Local ID: 124	Suff. Rating: 42.50	SD
Inspection Date: 10/4/22		Stephen Reese		
Invoice No.: 613322		Inspected With: Tyson Rose		

BRIDGE NOTES:

LEAVE RATING DUE TO CARRYING LOAD. 12-12-2013 JW

INSPECTION NOTES: 10/4/22

10/4/2022 - FX - Needs all bridge end markers put up. PX- bad caps needs cleaned and patched and joints need repaired soon. Some deep spalls in diaphragm areas of pier 5 on S face

ELEMENT CONDITION STATE DATA

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
12 / 1	Re Concrete Deck	sq.ft	29,160.00	100%	29,160.00	0%	0.00	0%	0.00	0%	0.00
510 / 1	Wearing Surfaces	sq.ft	30,827.80	100%	30,827.80	0%	0.00	0%	0.00	0%	0.00
10/4/2022 - NEW AC OVERLAY											
110 / 1	Re Conc Opn Girder/Beam	ft	10,801.00	100%	10,798.00	0%	3.00	0%	0.00	0%	0.00
10/4/2022 - Pier #6 diaphragms between beams 1 2 3 and 5 are badly broken up with rebar exposed. Moderate spall on bottom stem of #10 at pier #7 on east face not steel some cracks in other beams have been sealed with epoxy of some kind.											
215 / 1	Re Conc Abutment	ft	56.00	0%	0.00	100%	56.00	0%	0.00	0%	0.00
10/4/2022 - 2 moderate cracks with leaching at both south corners. Light cracks throughout north cap with minor leaching.											
227 / 1	Re Conc Pile	each	130.00	98%	127.00	2%	3.00	0%	0.00	0%	0.00
10/4/2022 - Lots of small cracks on lower 3ft of pile #3 pier #20. Satisfactory condition. W pile pier 6 has 2 small spalls from gun shot.											
234 / 1	Re Conc Pier Cap	ft	745.00	90%	668.00	8%	61.00	2%	16.00	0%	0.00
10/4/2022 - N face pier #23 has impending spall below beam #10 2ft. N face pier #16 has large impending spall below beam #2 2ft. S face pier #11 has 2 impending spalls below beam 2 and 9 4ft. S face pier #7 has large impending spall full width 28ft. S face pier #5 has small spall below beams 2 and 9. Full pier #24 on N face has spalls under beams fullwidth pier #20 has small spall on N face under beam #1 3ft pier #19 has large spall with rebar exposed for 3ft under beam #9 10ft 3ft pier #18 has large spall with rebar exposed on N face under beam 1 and 2 5ft pier #16 has large spalls on N face with rebar exposed for 5ft under beams 4 5 and 6 full pier #8 has impending spalls full width on S face 2ft pier #6 has small spall with larger on E diaphragms 1 and 3 major breakage 5ft pier #3 large spall under beams 2 3 and 9 with rebar exposed 6ft pier #2 condition beam 2 3 4 5 and 6 full pier #1 emending spalls full length S face. Pier #1 has lots of impending spalls on S face full length Pier #2 has S spalls under beams 2 3 4 and 5 S face 9ft. Pier #3 has spalls below beams 2 3 4 and 9 S face 8ft. Pier #5 has spalls below beams 2 and 9 S face 4ft. Pier #6 has spalls below beams 2 and 9 S face 4ft. Pier #7 has spalls full length on S face full length. Pier #8 has spalls below beams 2 3 4 6 and 7 7ft. Pier # 11 has spalls below beams 2 and 9 S face 4ft. Pier #16 has spalls below beams 2 4 5 and 6 N face 7ft. Pier #18 has spalls below beams 1 2 8 and 9 N face 9ft. Pier #19 has spalls below beams 9 and 10 N face 4ft.											
301 / 1	Pourable Joint Seal	ft	745.00	0%	0.00	0%	0.00	0%	0.00	100%	745.00
10/4/2022 - Poor condition. 2019 - MOST JOINTS HAVE SMALL QUARTER SIZED HOLES IN THEM. FX - SHOULD FILL THEM IN. #14 has 2 holes^ #11 has small hole^ #7 has small hole^ #6 has large hole 6ft.^ #5 has small hole^ #4 small hole^ #3 small hole^ #2 small hole^ #1 small hole. PX - Pier 6 has 8ft. of joint gone. Most others have small holes. PX- all joints have large holes and leaking on caps											
331 / 1	Re Conc Bridge Railing	ft	2,159.00	0%	0.00	100%	2,159.00	0%	0.00	0%	0.00
10/4/2022 - Coating delamination full length.											
859 / 1	Soffit	each	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
10/4/2022 - CRACKS IN TOPS OF PANS.											
870 / 1	Concrete Wingwall	each	4.00	100%	4.00	0%	0.00	0%	0.00	0%	0.00

Oklahoma Dept. of Transportation - Bridge Inspection Report

NBI No.: 17606		Structure No.: 70D0913E0300000		Local ID: 001		Suff. Rating: 79.50		ND	
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Bridge Description: <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">23-40ft. PAN GIRDER SPANS</div> <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> 1. State: Oklahoma 2. Division: Division 6 3. County: TEXAS 4. City: Unknown Admin Area: Cnty. District 2 5a. On/Under: Route On Structure 5b. Kind of Hwy: County Hwy 5c. Lvl of Svc: Mainline 5d. Route No.: 07033 5e. Dir. Sufx: N/A (NBI) </div> <div style="width: 48%;"> 7. Facility Carried: D0913 6. Feat.: COLDWATER CREEK 9. 4.9 N 3.7 W HITCHLAND 11. Mile Post: 5.154 mi 13. LRS / Sub Rte: / 16. Latitude: 36° 34' 20.90" 17. Longitude: 101° 22' 53.82" 98. Border: Unknown (P) % Responsible: 0.00 99. Border Brdg #: -1 </div> </div>				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>10/5/2023</td> <td>10/05/2025</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	10/5/2023	10/05/2025	FC:	N	0		NA	NA	UW:	N	0		NA	NA	OS:	N	0		NA	NA
Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.																																		
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STRUCTURE TYPE AND MATERIALS 43a/b. Main Span: Concrete / Stringer/Girder 44a/b. Appr. Span: Unknown / Unknown (P) 45. # of Main Spans: 23 46. # of Appr. Spans: 0 107. Deck Type: Concrete-Cast-in-Place 108a. Wearing Surface: Bituminous 108b. Membrane: None 108c. Deck protection: None				CLASSIFICATION 12. Base Hwy Net.: Not on Base Network 20. Toll Facility: On free road 21. Custodian: County 22. Owner: County 26. Function Class: 07 Rural Mjr Collecto 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: N/A (NBI) 110. Defense Hwy: Not a STRAHNET hwy 112. NBIS Length: Long Enough																																			
AGE AND SERVICE 19. Detour Length: 38.0 mi 27. Year Built: 1969 28a/b. Lanes on/und: 2 / 0 29. ADT: 590 30. Year of ADT: 2020 42a/b. Type of Svc on/und: Highway / Waterway				CONDITION 58. Deck: 8 Very Good 62. Culvert: N/A (NBI) Flowline Notes: <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> 10/5/2023 10/7/2021 - 23ft 2in TOD </div>																																			
GEOMETRIC DATA 10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 33.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 27.00 ft 48. Length Max Span: 40.00 ft 49. Struct. Length: 920.00 ft 50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 27.00 ft 52. Width Out to Out: 28.90 ft Deck Area: 26,586.86 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				LOAD RATING AND POSTING 31. Design Load: MS 18 (HS 20) Date Rated: 10/25/2023 41. Post. Status: A Open, no restriction 70. Posting: 5 At/Above Legal Loads 63. Op / 65. Inv. Rating Meth.: 2 AS Allowable Stress / 2 AS Allowable Stress <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <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>23.00</td> <td>36.00</td> <td>0.00</td> <td>43.00</td> <td>40.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>13.00</td> <td>21.00</td> <td></td> <td>24.00</td> <td></td> </tr> </table>							H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	23.00	36.00	0.00	43.00	40.00	66. Inventory Rating (tons):	13.00	21.00		24.00													
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OKLAHOMA ITEMS 200c. Temperature: 82 200d. Weather: Clear 201. Struc. Stil. ASTM Desig.: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: Sealed Expansion Joint 204. Type of Railing: SFP-1 205. Material Quantity: 1,840.00 208a. Type of Abutment: Skeleton b. Type of Found.: Steel Piling 209. Type of Pier/Found.: 2 / Yes Concrete Piling 210. Foundation Elev.: <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <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: 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: 1 Meets Standards 36b. Transition: 1 Meets Standards 36c. Appr. Rail: 1 Meets Standards 36d. Appr. Rail Ends: 0 Substandard 67. Str Evaluation: 5 Above Min Tolera 68. Deck Geom.: 5 Above Tolerable 69. Vert./Horiz. Undclr: Not applicable (NB 71. Waterway Adeq: 9 Above Desirable 72. Appr. Alignment: 8 Equal Desirable Cri 113. Scour Critical: 8 Stable Above Footin PROPOSED IMPROVEMENT 94. Bridge Cost: \$1,432,000 95. Roadway Cost: \$480,000 96. Total Cost: \$1,951,000 97. Yr. of Cost Est.: 2015 75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 1,012.0 ft 114. Future ADT: 720 115. 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 244. Span Lengths: <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td>40</td> <td>40</td> <td>40</td> </tr> <tr> <td>40</td> <td>40</td> <td>40</td> </tr> </table> 245. Girder Depth: 26.50 246a. Type of Overlay: AC Overlay b. Overlay Thickness: 2.00 c. Overlay Date: 11/17/2009 d. Ovl Depth Changed >1": Y 247. Protective Systems: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="height: 20px;"></td> <td style="height: 20px;"></td> </tr> <tr> <td style="height: 20px;"></td> <td style="height: 20px;"></td> </tr> </table> 248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: - 250. Headwall: 258. Plans w/Found.in ODOT File: - 259. Scour Eval. in ODOT File: - 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00						40	40	40	40	40	40																		
-1.00	-1.00	-1.00																																					
-1.00	-1.00	-1.00																																					
40	40	40																																					
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214a. Posted Weight Limit: NR b. Posted Speed Limit: NR 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: ACCO 218. Functionally Obsolete: - 220. Bridge Redecked: - 221. Substr. Cond. (U/W): 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 2 225. Paint Type/Ovrcr: N/A N/A 226. Date Painted: 227. Paint Color: -1 233. Deck Forming: Conventional Forming 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Asphalt/Bituminous 243. Grdr Spacing/No.: 36.00 / 10																																							

Oklahoma Dept. of Transportation - Bridge Inspection Report

NBI No.: 17606	Structure No.: 70D0913E0300000	Local ID: 001	Suff. Rating: 79.50	ND
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Inspection Date: 10/5/23 Stephen Reese

Invoice No.: 670136 Inspected With: Tyson Rose

BRIDGE NOTES:

INSPECTION NOTES: 10/5/23

10/5/2023
10/7/2021 - PX - Joints need resealed and rip rap placed at N end.

ELEMENT CONDITION STATE DATA

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
12 / 1	Re Concrete Deck	sq.ft	24,840.00	100%	24,840.00	0%	0.00	0%	0.00	0%	0.00
10/5/2023 10/7/2021 - 2in of asphalt covering deck											
510 / 1	Wearing Surfaces	sq.ft	26,588.00	100%	26,588.00	0%	0.00	0%	0.00	0%	0.00
10/5/2023 10/7/2021 - 2in of asphalt											
110 / 1	Re Conc Opn Girder/Beam	ft	9,184.00	100%	9,167.00	0%	17.00	0%	0.00	0%	0.00
10/5/2023 10/7/2021 - Satisfactory condition. Some vertical hairline cracks noted in most stems where close observation is possible. Not serious. Small crack span #3^ 4^ 5^ 8^ 9 South end. Span #5 small cracks #3^ 4^ 5^ 6^ 8. Span #8 small cracks #3^ 4. Span #10 small cracks #2^ 3. Span # 11 small cracks #3^ 4. Span #12 small cracks #4. No change.											
215 / 1	Re Conc Abutment	ft	58.00	50%	29.00	50%	29.00	0%	0.00	0%	0.00
10/5/2023 - Moderate scaling on S abutment. 10/7/2021 - Satisfactory condition. Mod CRACK ON N at W and E end. Some efflor ON scattered areas. It staining due to water seepage.											
227 / 1	Re Conc Pile	each	114.00	96%	109.90	4%	4.10	0%	0.00	0%	0.00
10/5/2023 - Good condition overall. 10/7/2021 - Satisfactory condition. Small areas of scaling on #3 in bent #17. Moderate cracks #2#3#4 in bent #17. Moderate crack on #4 in bent #18. Good condition overall. Span #4 was previously taken out due to truck wreck & replaced by new pan girder span bridge re-opened. No change.											
234 / 1	Re Conc Pier Cap	ft	638.00	91%	581.00	4%	25.00	5%	32.00	0%	0.00
10/5/2023 - Pier #6 has 2 spalls below beams 2 & 8 with exposed rebar S face. Pier #7 has 1 spall below beam #4 with rebar exposed S face. Pier #8 has small spall below beam #1 S face. Pier #10 has small spall below beam #1 S face. Pier # 11 has small spall below beam #2 S face. Pier #12 deep spalls with rebar exposed full width N face 4in deep. Pier #15 has 2 spalls, 1 below beam #1 and 1 below beam #2 N face. Pier #16 has spalls on outer face both ends. Pier #17 has spalls below beams 6, 9 & 10 N face 3in deep. Pier #19 has impending spalls below beams 1, 2, 3, 5 & 6 N face. Pier #22 has small spall below beam #7 N face.											
301 / 1	Pourable Joint Seal	ft	631.00	0%	0.00	97%	615.00	0%	0.00	3%	16.00
10/5/2023 - Px - Pier 22 has 3 holes, pier 21 has 3 holes, pier 20 has 2 holes, pier 17 has 2 holes, pier 13 has 1 holes, pier 12 has large holes, pier 10 has 2 holes, pier 6 has 2 holes, pier 4 has 1 hole and pier 3 has 1 hole. 10/7/2021 - Joints have been repaired. 4 small tares in joints 3 4 5 6 10 20 21 and 22											
331 / 1	Re Conc Bridge Railing	ft	1,840.00	0%	0.00	100%	1,840.00	0%	0.00	0%	0.00
10/5/2023 - Moderate scaling throughout lower areas. 10/7/2021 - 1 moderate crack on E rail S end. Lots of small to mod spalls in most spans. Lots of delaminations also. Needs cleaned and patched to slow deterioration. ^08 RAILS HAVE BEEN PATCHED.											
859 / 1	Soffit	each	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
10/5/2023 10/7/2021 - Lt cracks in tops of each pan. Some areas with leaching and it efflor. No spalls yet.											
958 / 1	Concrete Cracking SF	each	1.00	100%	1.00	0%	0.00	0%	0.00	0%	0.00
10/5/2023 10/7/2021 - Lt to mod cracks in several spans. Worst on spans 20 thru 23. Needs sealed soon. Needs a chip & seal overlay to protect deck. All bt span #4 new has cracks. Overlayed in 2008.											
966 / 1	Exposed Abut.Piling SF	each	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
10/5/2023 10/7/2021 - PX 4 piles exposed at north abutment for 12in..											

Oklahoma Dept. of Transportation - Bridge Inspection Report

NBI No.: 17589	Structure No.: 70N0770E0200008	Local ID: 058	Suff. Rating: 65.90	ND
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Bridge Description: <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">10-40ft. PAN GIRDER SPANS</div> <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> 1. State: Oklahoma 2. Division: Division 6 3. County: TEXAS 4. City: Unknown Admin Area: Cnty. District 3 5a. On/Under: Route On Structure 5b. Kind of Hwy: County Hwy 5c. Lvl of Svc: Mainline 5d. Route No.: 07003 5e. Dir. Sufx: N/A (NBI) </div> <div style="width: 48%;"> 7. Facility Carried: FAS 7003 6. Feat.: BEAVER RIVER 9. .1NW .1W 7.2N OF GOODWE 11. Mile Post: 14.106 mi 13. LRS / Sub Rte: -1 / -1 16. Latitude: 36° 42' 22.56" 17. Longitude: 101° 38' 12.98" 98. Border: Unknown (P) % Responsible: 0.00 99. Border Brdg #: -1 </div> </div>	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>10/5/2023</td> <td>10/05/2025</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> CLASSIFICATION <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>12. Base Hwy Net.: Not on Base Network</td> <td>101. Parallel Str.: No bridge exists</td> </tr> <tr> <td>20. Toll Facility: On free road</td> <td>102. Traffic Dir.: 2-way traffic</td> </tr> <tr> <td>21. Custodian: County</td> <td>103. Temp. Str.: Not Applicable (P)</td> </tr> <tr> <td>22. Owner: County</td> <td>104. Hwy System: Not on NHS</td> </tr> <tr> <td>26. Function Class: 07 Rural Mjr Collecto</td> <td>105. Fed Land Hwy: N/A (NBI)</td> </tr> <tr> <td>37. Historical Sig.: Not eligible for NRHP</td> <td>110. Defense Hwy: Not a STRAHNET hwy</td> </tr> <tr> <td>100. Def. Hwy: Not a STRAHNET hwy</td> <td>112. NBIS Length: Long Enough</td> </tr> </table>	Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	10/5/2023	10/05/2025	FC:	N	0		NA	NA	UW:	N	0		NA	NA	OS:	N	0		NA	NA	12. Base Hwy Net.: Not on Base Network	101. Parallel Str.: No bridge exists	20. Toll Facility: On free road	102. Traffic Dir.: 2-way traffic	21. Custodian: County	103. Temp. Str.: Not Applicable (P)	22. Owner: County	104. Hwy System: Not on NHS	26. Function Class: 07 Rural Mjr Collecto	105. Fed Land Hwy: N/A (NBI)	37. Historical Sig.: Not eligible for NRHP	110. Defense Hwy: Not a STRAHNET hwy	100. Def. Hwy: Not a STRAHNET hwy	112. NBIS Length: Long Enough
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STRUCTURE TYPE AND MATERIALS 43a/b. Main Span: Concrete / Stringer/Girder 44a/b. Appr. Span: Unknown / Unknown (P) 45. # of Main Spans: 10 46. # of Appr. Spans: 0 107. Deck Type: Concrete-Cast-in-Place 108a. Wearing Surface: Bituminous 108b. Membrane: None 108c. Deck protection: None	CONDITION 58. Deck: 6 Satisfactory 62. Culvert: N/A (NBI) Flowline Notes: <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> 10/5/2023 -26ft TOD 10/6/2021 - 27ft 2in TOD </div>
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AGE AND SERVICE 19. Detour Length: 16.0 mi 27. Year Built: 1969 28a/b. Lanes on/und: 2 / 0 29. ADT: 100 30. Year of ADT: 2020 42a/b. Type of Svc on/und: Highway / Waterway	106. Year Reconst.: -1 109. Truck ADT: 15%
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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: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 27.00 ft 48. Length Max Span: 40.03 ft 49. Struct. Length: 399.93 ft	50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 27.00 ft 52. Width Out to Out: 28.80 ft Deck Area: 11,517.79 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
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200c. Temperature: 79 200d. Weather: Clear 201. Struc. Stil. ASTM Desig.: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: - 204. Type of Railing: SFP-1 205. Material Quantity: 801.00 208a. Type of Abutment: Skeleton b. Type of Found.: Steel Piling 209. Type of Pier/Found.: 9 / Yes 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: 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	OKLAHOMA ITEMS 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?: No Working/Not Working: No 215. Overpass: ACCO 218. Functionally Obsolete : - 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 N/A 226. Date Painted: 1969 227. Paint Color: Silver 233. Deck Forming: Conventional Forming 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Asphalt/Bituminous 243. Grdr Spacing/No.: / 10
-1.00	-1.00	-1.00					
-1.00	-1.00	-1.00					

LOAD RATING AND POSTING 31. Design Load: MS 18 (HS 20) 41. Post. Status: P Posted for load 70. Posting: 0 >39.9% below 63. Op / 65. Inv. Rating Meth.: 2 AS Allowable Stress / 2 AS Allowable Stress <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>H</th> <th>HS</th> <th>3-3</th> <th>EV3</th> <th>SHV</th> </tr> <tr> <td>20.00</td> <td>31.00</td> <td></td> <td>37.00</td> <td>34.00</td> </tr> <tr> <td>12.00</td> <td>18.00</td> <td></td> <td>22.00</td> <td></td> </tr> </table>	H	HS	3-3	EV3	SHV	20.00	31.00		37.00	34.00	12.00	18.00		22.00		APPRAISAL 36a. Brdg Rail: 1 Meets Standards 36b. Transition: 0 Substandard 36c. Appr. Rail: 0 Substandard 36d. Appr. Rail Ends: 0 Substandard 67. Str Evaluation: 5 Above Min Tolera 68. Deck Geom.: 6 Equal Min Criteria 69. Vert./Horiz. Undclr: Not applicable (NB 71. Waterway Adeq: 8 Equal Desirable 72. Appr. Alignment: 8 Equal Desirable Cri 113. Scour Critical: 8 Stable Above Footin
H	HS	3-3	EV3	SHV												
20.00	31.00		37.00	34.00												
12.00	18.00		22.00													

PROPOSED IMPROVEMENT 94. Bridge Cost: \$663,000 95. Roadway Cost: \$365,000 96. Total Cost: \$1,041,000 97. Yr. of Cost Est.: 2015	75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 426.1 ft 114. Future ADT: 160 115. Yr. of Future ADT: 2040
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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
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244. Span Lengths: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>40</td> <td>40</td> <td>40</td> </tr> <tr> <td>40</td> <td>40</td> <td>40</td> </tr> </table> 245. Girder Depth: 246a. Type of Overlay: Chipseal b. Overlay Thickness: 0.50 c. Overlay Date: 06/08/2005 d. Ovl Depth Changed >1": N 247. Protective Systems:	40	40	40	40	40	40	248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: - 250. Headwall: 258. Plans w/Found. in ODOT File: - 259. Scour Eval. in ODOT File: - 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00
40	40	40					
40	40	40					

Oklahoma Dept. of Transportation - Bridge Inspection Report

NBI No.: 17589	Structure No.: 70N0770E0200008	Local ID: 058	Suff. Rating: 65.90	ND
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Inspection Date: 10/5/23 Stephen Reese

Invoice No.: 670136 Inspected With: Tyson Rose

BRIDGE NOTES:

INSPECTION NOTES: 10/5/23

10/5/2023
10/6/2021 - P X - Needs rip rap at S abut, * No need to rerate due to less than 1/2" overlay.

ELEMENT CONDITION STATE DATA

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
12 / 1	Re Concrete Deck	sq.ft	10,800.00	100%	10,800.00	0%	0.00	0%	0.00	0%	0.00
10/5/2023 - Good chip and seal overlay. 10/6/2021 - Good chip and seal rdwy.											
510 / 1	Wearing Surfaces	sq.ft	10,800.00	100%	10,800.00	0%	0.00	0%	0.00	0%	0.00
10/5/2023 10/6/2021 - Good chip and seal rdwy.											
110 / 1	Re Conc Opn Girder/Beam	ft	3,999.00	98%	3,919.00	1%	40.00	1%	40.00	0%	0.00
10/5/2023 - Measured cracks again and not much change noted. 10/6/2021 - Cracks do not look to be getting any wider yet. Minor spalling on east girder in span 2. Similar spall on W girder in span 5. SOUTH END OF SPAN #3 BMS #3THRU#6HAVE CRACKS 3FT OUT EXTENDING INTO PAN * SPAN #4CRACKS 3FT OUT FROM SOUTH CAP BMS #2THRU#7 #3#4#6 NORTH END SPANS #6#7 ALL BMS CRACKED 3FT OUT. SPANS #8#9#10 BMS #3THRU #6 CRACKS. Span #1 beams #3 & 4 are cracked through #3 on S end in shear zone is .05 wide up to .100 wide others are very lt. beams #3. S end of span #3 beams #3 throughout #6 have cracks 3ft out extending into pans span #4 have cracks 3ft out from S cup beams 2 throughout 7.3.4.6 N end spans 6.7 all beams cracked 3ft out, spans 8.9.10 beams 3 throughout 6 have cracks span #1 beams 3,4 are cracked throughout stems #3 at S end is in shear zone .05 wide now up to .100 wide others are very light											
215 / 1	Re Conc Abutment	ft	59.00	83%	49.00	17%	10.00	0%	0.00	0%	0.00
10/5/2023 - No change. 10/6/2021 - Some Minor LEACHING noted ON S ABUT.											
225 / 1	Steel Pile	each	46.00	0%	0.00	78%	36.00	22%	10.00	0%	0.00
10/5/2023 - Exfoliation on pier piles 4,5,6 & 7 on lower 2ft. No loss noted. 10/6/2021 - No change. Light loss to all piles on bent #7 and #6. Moderate surface rust on lower 1ft on #4.5.8. Minor defects on others. Light surface rust bleeding throughout											
918 / 1	St.(substr)Prot.Coat	sq.ft	3,895.00	0%	0.00	0%	0.00	0%	0.00	100%	3,895.00
10/5/2023 10/6/2021 - PX - no coating left on lower 1ft at pier #7											
234 / 1	Re Conc Pier Cap	ft	259.00	83%	214.00	5%	12.00	13%	33.00	0%	0.00
10/5/2023 - Pier #9 has 1 spall below beam #2 N face. Pier #8 spall below beam #1 outer face. Pier #7 Large spall below beams 2,5,6,7, 8 & 10 with rebar exposed N face. Pier #5 large spall below beam #1 S face with rebar exposed. Pier #3 small spall below beam #1 S face. Pier #2 spalls below beams 1 & 9.											
301 / 1	Pourable Joint Seal	ft	259.00	0%	0.00	87%	226.00	0%	0.00	13%	33.00
10/5/2023 - Pier #7 full hole. Pier #2 4 holes. 10/6/2021 - Overlay cracked at each joint. Some seepage in a few areas below. Needs sealed. #7 JOINT GONE NEEDS FILLED. Joints been repaired. Joint 6 has small areas with seal torn.. 10/24/19 PX- (1) 6in hole in joint #7 E side											
331 / 1	Re Conc Bridge Railing	ft	801.00	96%	771.00	2%	15.00	2%	15.00	0%	0.00
10/5/2023 10/6/2021 - Some spalls noted in scattered areas due to insufficient cover. SPAN 8 EAST RAIL HAS SPALL FOR 9ft. AREA AND SPAN 9 EAST RAIL HAS SPALL WITH REBAR FOR 6ft. AREA.											
859 / 1	Soffit	each	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
10/5/2023 10/6/2021 - It cracks IN tops of ALL pans. Some areas HAVE signs of initial LEACHING & discoloration.											
963 / 1	Steel Section Loss SF	each	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
10/5/2023 10/6/2021 - MINOR LOSS ON 8 PILES BENTS #6#7											
966 / 1	Exposed Abut.Piling SF	each	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
10/5/2023 10/6/2021 - PX - 4 piles exposed 12in. on S abut. 1 pile exposed at NW corner for 1ft..											