

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 04244	<b>Structure No.:</b> 27N2760E0050003	<b>Local ID:</b> 261	<b>Suff. Rating:</b> 29.00	<b>SD</b>
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<p><b>Bridge Description:</b> IDENTIFICATION</p> <div style="border: 1px solid black; padding: 2px;">21ft. TIMBER SPAN, TEMP PIPE</div> <p>1. State: Oklahoma 2. Division: Division 4 3. County: GRANT 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.: N2760 5e. Dir. Sufx: North</p> <p>7. Facility Carried : N2760 6. Feat. Intersect: CREEK 9. Location: 3W 4.S OF MANCHESTER 11. Mile Post: 0.300 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 56' 17.75" 17. Longitude: 098° 05' 30.19" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown</p>	<p style="text-align: center;"><b>INSPECTION</b></p> <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>3/15/2017</td> <td>03/15/2019</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> </tbody> </table> <p style="text-align: center;"><b>CLASSIFICATION</b></p> <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.: Temporary</td> </tr> <tr> <td>22. Owner: County</td> <td>104. Hwv System: Not on NHS</td> </tr> <tr> <td>26. Function Class: 09 Rural Local</td> <td>105. Fed Land Hwy: N/A (NBI)</td> </tr> <tr> <td>37. Historical Sig.: Hist sign not determin</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	3/15/2017	03/15/2019	FC:	N	0	NA	NA	NA	UW:	N	0	NA	NA	NA	OS:	N	0	NA	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.: Temporary	22. Owner: County	104. Hwv System: Not on NHS	26. Function Class: 09 Rural Local	105. Fed Land Hwy: N/A (NBI)	37. Historical Sig.: Hist sign not determin	110. Defense Hwy: Not a STRAHNET hwy	100. Def. Hwy: Not a STRAHNET hwy	112. NBIS Length: Long Enough
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<p style="text-align: center;"><b>STRUCTURE TYPE AND MATERIALS</b></p> <p>43a/b. Main Span: Wood or Timber / Stringer/Girder 44a/b. Appr. Span: Unknown / Unknown (P) 45. # of Main Spans: 1 46. # of Appr. Spans: 0 107. Deck Type: Other 108a. Wearing Surface: Gravel 108b. Membrane: None 108c. Deck protection: None</p>	<p style="text-align: center;"><b>CONDITION</b></p> <p>58. Deck: 2 Critical 62. Culvert: N/A (NBI) <b>Flowline Notes</b> PIPES CLEAR, 3/23/2015 - Tumble weeds in front of pipes, 3/15/2017 - Pipes clear,</p> <p>59. Sup.: 2 Critical 61. Chan./Chan. Prot.: 7 Minor Damage 60. Sub: 2 Critical</p>
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<p style="text-align: center;"><b>AGE AND SERVICE</b></p> <p>19. Detour Length: 2.0 mi 27. Year Built: 1935 28a/b. Lanes on/und: 2 / 0 29. ADT: 24 30. Year of ADT: 2016 42a/b. Type of Svc on/und: Highway / Waterway</p> <p>106. Year Reconst.: -1 109. Truck ADT: 10%</p>	<p style="text-align: center;"><b>LOAD RATING AND POSTING</b></p> <p>31. Design Load: Unknown 41. Post. Status: E Open, temp struct 70. Posting: 5 At/Above Legal Loads 63. Op / 65. Inv. Rating Meth.: 2 AS Allowable Stress / 2 AS Allowable Stress Date Rated: 01/01/1901</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td></td> <td style="text-align: center;"><b>H</b></td> <td style="text-align: center;"><b>HS</b></td> <td style="text-align: center;"><b>3-3</b></td> <td style="text-align: center;"><b>EV3</b></td> <td style="text-align: center;"><b>SHV</b></td> </tr> <tr> <td>64. Operating Rating (tons):</td> <td style="text-align: center;">0.00</td> <td style="text-align: center;">0.00</td> <td style="text-align: center;">-1.00</td> <td style="text-align: center;">-1.00</td> <td style="text-align: center;">0.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td style="text-align: center;">0.00</td> <td style="text-align: center;">0.00</td> <td style="text-align: center;">-1.00</td> <td style="text-align: center;">-1.00</td> <td></td> </tr> </table>		<b>H</b>	<b>HS</b>	<b>3-3</b>	<b>EV3</b>	<b>SHV</b>	64. Operating Rating (tons):	0.00	0.00	-1.00	-1.00	0.00	66. Inventory Rating (tons):	0.00	0.00	-1.00	-1.00	
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<p style="text-align: center;"><b>GEOMETRIC DATA</b></p> <p>10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 22.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: Yes, flared 47. Horizontal Clr: 18.00 ft 48. Length Max Span: 21.00 ft 49. Struct. Length: 21.00 ft</p> <p>50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 18.00 ft 52. Width Out to Out: 19.00 ft Deck Area: 398.27 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</p>	<p style="text-align: center;"><b>APPRAISAL</b></p> <p>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</p> <p>68. Deck Geom.: 4 Tolerable 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 6 Equal Minimum 72. Appr. Alignment: 8 Equal Desirable Crit 113. Scour Critical: 8 Stable Above Footin</p>
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<p style="text-align: center;"><b>OKLAHOMA ITEMS</b></p> <p>200c. Temperature: 23 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: Timber Bulkhead b. Type of Found.: Timber Piling 209. Type of Pier/Found.: - / No 210. Foundation Elev.: -1.00 -1.00 -1.00 211. Wear. Surf. Prot. Sys: Date Installed: 01/01/1901 213. Utilities Attached:</p>	<p>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 221. Substr. Cond. (U/W): 222. Fill Over RCB: -1 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: N/A N/A 226. Date Painted: 1935 227. Paint Color: -1 233. Deck Forming: 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Soil 243. Grdr Spacing/No.: -1.00 / -1</p>
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<p style="text-align: center;"><b>PROPOSED IMPROVEMENTS</b></p> <p>94. Bridge Cost: \$139,000 95. Roadway Cost: \$77,000 96. Total Cost: \$225,000 97. Yr. of Cost Est.: 2015</p> <p>75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 89.4 ft 114. Future ADT: 38 115. Yr. of Future ADT: 2036</p>	<p style="text-align: center;"><b>NAVIGATION DATA</b></p> <p>38. Nav. Control: Permit Not Required 39. Vert. Clearance: 0.0 ft 40. Horiz. Clearance: 0.0 ft</p> <p>111. Pier Protect.: 1 Not Required 116. Lift Bridge Vert. Clr.: 0.0 ft</p> <p>244. Span Lengths: -1 -1 -1 -1 -1 -1 245. Girder Depth: -1.00 246a. Type of Overlay: NA b. Overlay Thickness: 0.00 c. Overlay Date: 01/01/1901 d. Ovlv Depth Changed &gt;1": 247. Protective Systems: 248. # Field Splices w/ Corrosion: -1 249. Scour Crit. POA Exists?: 250. Headwall: -1.00 254. Thru Truss Type: 257a. OkiePROS Truck Routing: - 258. Plans w/Found. in ODOT File: 259. Scour Eval. in ODOT File: 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00</p>
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 04244	<b>Structure No.:</b> 27N2760E0050003	<b>Local ID:</b> 261	<b>Suff. Rating:</b> 29.00	<b>SD</b>
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Inspection Date: 3/15/17      Reported By: Stephen Reese

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Invoice No.: 427356      Inspected With:

**BRIDGE NOTES:**

**INSPECTION NOTES:**      3/15/17

2 STEEL CORR. PIPES. Two 72x40.6 temp pipes, light staining. 4/10/2017 - J.W. - Rating date is before 2000 due to pipe in place.

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
31 / 1	Timber Deck	sq.ft	399.00	0%	0.00	0%	0.00	0%	0.00	100%	399.00
-1											
111 / 1	Timber Open Girder	ft	320.00	0%	0.00	0%	0.00	0%	0.00	100%	320.00
-1											
206 / 1	Timber Column	each	8.00	0%	0.00	0%	0.00	0%	0.00	100%	8.00
-1											
216 / 1	Timber Abutment	ft	36.00	0%	0.00	0%	0.00	0%	0.00	100%	36.00
-1											
235 / 1	Timber Pier Cap	ft	1.00	0%	0.00	0%	0.00	0%	0.00	100%	1.00
-1											

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 04305	<b>Structure No.:</b> 27E0030N2830005	<b>Local ID:</b> 025	<b>Suff. Rating:</b> 34.00	<b>SD</b>																														
<b>Bridge Description:</b> 25ft. TIMBER SPAN, TEMP STEEL PIPE		<b>IDENTIFICATION</b>																																
1. State: Oklahoma 2. Division: Division 4 3. County: GRANT 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.: E0030 5e. Dir. Sufx: East		6. Feat. Intersect: CREEK 7. Facility Carried: E0030 9. Location: 1.7S 4.5E OF MANCHESTER 11. Mile Post: 0.500 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 58' 14.74" 17. Longitude: 097° 57' 28.36" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown																																
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214a. Posted Weight Limit: NR b. Posted Speed Limit: NR c. Narrow/1way Brdg Sign: NA d. Vertical Clr. Sign: NA Adv. Warning Sign: No e. Navigation Lights?: No Working/Not Working: No 215. Overpass: ACCO 221. Substr. Cond. (U/W): 222. Fill Over RCB: -1 223. Appr. Slab/Rwy Cond.: 4 225. Paint Type/Ovrct: N/A 226. Date Painted: -1 227. Paint Color: -1 233. Deck Forming: 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Soil 243. Grdr Spacing/No.: -1.00 / -1		64. Operating Rating (tons): 66. Inventory Rating (tons): <b>PROPOSED IMPROVEMENTS</b> 94. Bridge Cost: \$152,000 95. Roadway Cost: \$84,000 96. Total Cost: \$241,000 97. Yr. of Cost Est.: 2015 75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 97.9 ft 114. Future ADT: 38 115. Yr. of Future ADT: 2036																																
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 04305	<b>Structure No.:</b> 27E0030N2830005	<b>Local ID:</b> 025	<b>Suff. Rating:</b> 34.00	<b>SD</b>
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Inspection Date: 4/10/17      Reported By: Stephen Reese

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Invoice No.: 427157      Inspected With:

**BRIDGE NOTES:**

**INSPECTION NOTES:**      4/10/17

24 INCH X 35 FT. STEEL PIPE 2-LOW WATER X-ING SIGNS. Top of pile exposed.

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
31 / 1	Timber Deck	sq.ft	503.00	0%	0.00	0%	0.00	0%	0.00	100%	503.00
Moderate hole near mid-span one plank.											
111 / 1	Timber Open Girder	ft	226.00	0%	0.00	0%	0.00	0%	0.00	100%	226.00
The #3 girder (from south) is failed from internal decay. South girder is hollow at 60%. All have some longitudinal splitting & decay. Rest have minor weathering. Ok @ 3 tons. Low water allowed close inspection of each girder.											
206 / 1	Timber Column	each	8.00	0%	0.00	0%	0.00	0%	0.00	100%	8.00
The #1 & #4 columns (in west) have approximately 50% loss. All have some splitting & decay. The #2 & #3 are pushed 50% out from under cap by headwall pressure. Needs repair ASAP.											
216 / 1	Timber Abutment	ft	39.00	0%	0.00	0%	0.00	0%	0.00	100%	39.00
Some decay noted.											
235 / 1	Timber Pier Cap	ft	39.00	0%	0.00	0%	0.00	0%	0.00	100%	39.00
Minor splitting and decay. Planks at SW are separating some.											
510 / 1	Wearing Surfaces	sq.ft	503.00	0%	0.00	0%	0.00	0%	0.00	100%	503.00
Moderate hole near mid-span one plank.											

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 10177	<b>Structure No.:</b> 27E0270N2970009	<b>Local ID:</b> 248	<b>Suff. Rating:</b> 40.00	<b>SD</b>																														
<b>Bridge Description:</b> 25ft. TIMBER SPAN		<b>IDENTIFICATION</b>																																
1. State: Oklahoma 2. Division: Division 4 3. County: GRANT 4. City: Unknown Admin Area: Cnty. District 3 5a. On/Under: Route On Structure 5b. Kind of Hwy: County Hwy 5c. Lvl of Srvc: Mainline 5d. Route No.: E0270 5e. Dir. Sufx: N/A (NBI)		7. Facility Carried: E0270 6. Feat. Intersect: CREEK 9. Location: 5.7E 3.2S OF POND CREEK 11. Mile Post: 0.900 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 37' 20.48" 17. Longitude: 097° 41' 58.87" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown																																
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<b>OKLAHOMA ITEMS</b>		<b>LOAD RATING AND POSTING</b>																																
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		214a. Posted Weight Limit: 030303 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 221. Substr. Cond. (U/W): - 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: N/A 226. Date Painted: 1945 227. Paint Color: -1 233. Deck Forming: - 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Soil 243. Grdr Spacing/No.: 24.00 / 10																																

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 10177	<b>Structure No.:</b> 27E0270N2970009	<b>Local ID:</b> 248	<b>Suff. Rating:</b> 40.00	<b>SD</b>
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Inspection Date: 7/11/18      Reported By: Stephen Reese

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Invoice No.: 427265      Inspected With: Brian Rauh



**BRIDGE NOTES:**

12 MONTHS DUE TO PILES

**INSPECTION NOTES:**      7/11/18

\* Good shale roadway \* New deck & girders in 1994 \* Satisfactory ditches \* Minor bank erosion \*

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4	
31 / 1	Timber Deck	sq.ft	500.00	0%	0.00	100%	500.00	0%	0.00	0%	0.00	
Minor wear overall. Some nails are loosening. Could use a set of runners. Some planks are splitting with some initial decay noted. Needs several deck boards replaced. FEW HOLES AND ROTTEN BOARDS. Several deck boards split in 1/2 full width. 7 boards with splits and holes. 1 board on west side center of bridge is starting to splinter out^ 1 on east end has large splits^ no holes yet. Bad timbers have been replaced. 1 6ft area SE corner rotten no hole yet.												
111 / 1	Timber Open Girder	ft	250.00	60%	151.00	30%	74.00	10%	25.00	0%	0.00	
Minor defects only. Replaced in 94. Some old nail holes in bottom of a few girders. #1 BEAM HAS ROTTEN SPOT UP TO 25% LOSS IN 1ft. AREA ON WEST END. All beams have mod. white rot on bottom with spongy feel see photos. Split on beam #1. All beams have moderate white rot on bottoms. None broke look stable. Mod split on #1 outer face full length.												
206 / 1	Timber Column	each	8.00	0%	0.00	75%	6.00	0%	0.00	25%	2.00	
West Abut: #1 75% hollow; #3 large split. East Abut: #2-#4 50% hollow; #3 75% hollow. Could only see 18in. of piles on E. abut^ but piles look good^ not much clearance. Could not get close dut to low clearance and water level^ looks to be in the same condition. #1^ 3 on west have large splits 2 and 4 look ok. 1 and 2 on east all that is visible^ #3 and 4 only have 3 inches visible due to no end cap at east end ^ 1 and 2 sound good. No crushing or ballooning noted all east piles sound good. #3 4 5 not visible at E abut. 1 - 2 sound good. Pile 3 at W end has mod splits no crushing noted.												
216 / 1	Timber Abutment	ft	40.00	0%	0.00	100%	40.00	0%	0.00	0%	0.00	
Minor weathering only. Light splitting on most abut boards^ 1 small hole at northwest corner no loss of ill. Most of E abut not visible.												
235 / 1	Timber Pier Cap	ft	40.00	0%	0.00	100%	40.00	0%	0.00	0%	0.00	
Minor weathering & splitting.												



# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 10228	<b>Structure No.:</b> 27E0060N2750009	<b>Local ID:</b> 043	<b>Suff. Rating:</b> 32.00	<b>SD</b>																														
<b>Bridge Description:</b> 18ft.-15ft. TIMBER SPANS, TEMP PIPE		<b>IDENTIFICATION</b>																																
1. State: Oklahoma 2. Division: Division 4 3. County: GRANT 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.: E0060 5e. Dir. Sufx: East		6. Feat. Intersect: CREEK 7. Facility Carried: E0060 9. Location: .7S3W4S.1W OF MANCHES 11. Mile Post: 0.900 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 55' 38.34" 17. Longitude: 098° 05' 35.57" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown																																
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94. Bridge Cost: \$180,000 95. Roadway Cost: \$99,000 96. Total Cost: \$285,000 97. Yr. of Cost Est.: 2015		75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 115.6 ft 114. Future ADT: 38 115. Yr. of Future ADT: 2036																																
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

**NBI No.:**  
10228

**Structure No.:**  
27E0060N2750009

**Local ID:**  
043

**Suff. Rating:**  
32.00

SD

Inspection Date: 3/15/17      Reported By: Stephen Reese

Invoice No.: 427356      Inspected With:

**BRIDGE NOTES:**

4ft FLOW THRU PIPE.

**INSPECTION NOTES:**      3/15/17

2 large dents in center of pipe see photos. Light surface rust on lower and upper areas. 4/10/2017 - J.W. - Rating due date is prior to 2000 due to pipe in place.



# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 10799	<b>Structure No.:</b> 27E0100N3070009	<b>Local ID:</b> 091	<b>Suff. Rating:</b> 32.00	<b>SD</b>																														
<b>Bridge Description:</b> 25ft. TIMBER SPAN		<b>IDENTIFICATION</b>																																
1. State: Oklahoma 2. Division: Division 4 3. County: GRANT 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.: E0100 5e. Dir. Sufx: East		7. Facility Carried: E0100 6. Feat. Intersect: CREEK 9. Location: 4N 1.9E OF SH11/SH74 11. Mile Post: 9.798 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 52' 07.64" 17. Longitude: 097° 31' 03.60" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown																																
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<b>OKLAHOMA ITEMS</b>		<b>LOAD RATING AND POSTING</b>																																
200c. Temperature: 87 200d. Weather: Ptly Cloudy 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: Timber Bulkhead b. Type of Found.: Timber Piling 209. Type of Pier/Found.: - / No 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 213. Utilities Attached:		-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	31. Design Load: Unknown 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;"> <thead> <tr> <th>H</th> <th>HS</th> <th>3-3</th> <th>EV3</th> <th>SHV</th> </tr> </thead> <tbody> <tr> <td>3.97</td> <td>7.06</td> <td>-1.00</td> <td>-1.00</td> <td>0.00</td> </tr> <tr> <td>1.98</td> <td>3.53</td> <td>-1.00</td> <td>-1.00</td> <td></td> </tr> </tbody> </table> 64. Operating Rating (tons): 66. Inventory Rating (tons):			H	HS	3-3	EV3	SHV	3.97	7.06	-1.00	-1.00	0.00	1.98	3.53	-1.00	-1.00										
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<b>GEOMETRIC DATA</b>		<b>APPRAISAL</b>																																
50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 18.00 ft 52. Width Out to Out: 18.00 ft Deck Area: 441.32 sq. ft 53. Min. Vert. Cl. Ovr Brg: 99.99 ft 54a. Min. Vert. 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		68. Deck Geom.: 4 Tolerable 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																																
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214a. Posted Weight Limit: 050505 b. Posted Speed Limit: NR c. Narrow/1way Brdg Sign: Yes d. Vertical Clr. Sign: NA Adv. Warning Sign: NA e. Navigation Lights?: No Working/Not Working: No 215. Overpass: ACCO 221. Substr. Cond. (U/W): 222. Fill Over RCB: -1 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: N/A 226. Date Painted: 1948 227. Paint Color: -1 233. Deck Forming: 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Soil 243. Grdr Spacing/No.: 17.00 / 14		94. Bridge Cost: \$152,000 95. Roadway Cost: \$84,000 96. Total Cost: \$241,000 97. Yr. of Cost Est.: 2015 75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 97.9 ft 114. Future ADT: 40 115. Yr. of Future ADT: 2036																																
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 10799	<b>Structure No.:</b> 27E0100N3070009	<b>Local ID:</b> 091	<b>Suff. Rating:</b> 32.00	<b>SD</b>
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Inspection Date: 5/31/17      Reported By: Stephen Reese

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Invoice No.: 427258      Inspected With:



**BRIDGE NOTES:**

2-5 tons signs\*

**INSPECTION NOTES:**      5/31/17

Bridge looks to have overtopped recently 2017.

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
31 / 1	Timber Deck	sq.ft	441.00	100%	441.00	0%	0.00	0%	0.00	0%	0.00
NEW DECK AND RUNNERS 2013											
107 / 1	Steel Opn Girder/Beam	ft	98.00	0%	0.00	0%	0.00	100%	98.00	0%	0.00
Minor pitting all areas. Not serious.											
111 / 1	Timber Open Girder	ft	249.00	0%	0.00	90%	224.00	10%	25.00	0%	0.00
# 1 BEAM BOWED OUTWARD.											
206 / 1	Timber Column	each	10.00	0%	0.00	80%	8.00	20%	2.00	0%	0.00
#2-#3 west 50% decayed with large splits #4 25%. 2 ARE WING PILES R. Could not get close to west piles due to high water^ looks to be the same condition. East abut piles silted over. Moderate splits on lower 3 ft of west abut others look good.											
216 / 1	Timber Abutment	ft	36.00	0%	0.00	100%	36.00	0%	0.00	0%	0.00
Some decay on west noted. East abut silted in^ could not see but 1ft.. 1 inch gap between 2 planks at west abut and 1 other timber split at south side no loss of fill.											
235 / 1	Timber Pier Cap	ft	36.00	0%	0.00	50%	18.00	50%	18.00	0%	0.00
Superficial weathering overall. CAPS ARE ROTTING AND HAS SPLIT #3 PILE AT WEST AT TOP. West cap rotated slightly^ not serious. No new movement noted.											
510 / 1	Wearing Surfaces	sq.ft	441.00	100%	441.00	0%	0.00	0%	0.00	0%	0.00
3 inches of timber runners and soil covering deck.											
515 / 1	Steel Protective Coating	sq.ft	275.00	100%	275.00	0%	0.00	0%	0.00	0%	0.00
Timber overlay 3 inches.											
870 / 1	Concrete Wingwall	(EA)	2.00	0%	0.00	0%	0.00	100%	2.00	0%	0.00
-1											
963 / 1	Steel Section Loss SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
Loss not serious. 90% cond. Lt pitting on beams.											
969 / 1	OutOfPlane Dist./Load	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
BOTH CAPS ROTATING AND S FACIA BEAM IS TWISTING OUT. No new movement noted.											

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 10991	<b>Structure No.:</b> 27E0270N2870001	<b>Local ID:</b> 245	<b>Suff. Rating:</b> 34.00	<b>SD</b>																														
<b>Bridge Description:</b> 25ft. TIMBER SPAN, TEMP PIPE		<b>IDENTIFICATION</b>																																
1. State: Oklahoma 2. Division: Division 4 3. County: GRANT 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.: E0270 5e. Dir. Sufx: East		7. Facility Carried: E0270 6. Feat. Intersect: HORSE CREEK 9. Location: 3S .9W OF US64/US81 11. Mile Post: 0.100 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 37' 21.01" 17. Longitude: 097° 53' 34.13" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown																																
<b>STRUCTURE TYPE AND MATERIALS</b>		<b>INSPECTION</b>																																
43a/b. Main Span: Wood or Timber / Stringer/Girder 44a/b. Appr. Span: N/A / Not Applicable (P) 45. # of Main Spans: 1 46. # of Appr. Spans: 0 107. Deck Type: Wood or Timber 108a. Wearing Surface: Wood or Timber 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>24 months</td> <td>5/24/2017</td> <td>05/24/2019</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>			Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	5/24/2017	05/24/2019	FC:	N	0	NA	NA	NA	UW:	N	0	NA	NA	NA	OS:	N	0	NA	NA	NA
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<b>AGE AND SERVICE</b>		<b>CLASSIFICATION</b>																																
19. Detour Length: 2.0 mi 27. Year Built: 1949 28a/b. Lanes on/und: 2 / 0 29. ADT: 24 30. Year of ADT: 2016 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: County 22. Owner: County 26. Function Class: 09 Rural Local 37. Historical Sig.: Not eligible for NRHP 100. Def. Hwy: Not a STRAHNET hwy																																
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200c. Temperature: 68 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: Timber Bulkhead b. Type of Found.: Timber Piling 209. Type of Pier/Found.: - / No 210. Foundation Elev.: <table border="1" style="display: inline-table; margin-right: 10px;"> <tr><td>-1.00</td><td>-1.00</td></tr> <tr><td>-1.00</td><td>-1.00</td></tr> </table> 211. Wear. Surf. Prot. Sys: None Date Installed: 01/01/1901 213. Utilities Attached:		-1.00	-1.00	-1.00	-1.00	31. Design Load: Unknown 41. Post. Status: E Open, temp struct 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;"> <thead> <tr> <th>H</th> <th>HS</th> <th>3-3</th> <th>EV3</th> <th>SHV</th> </tr> </thead> <tbody> <tr> <td>0.00</td> <td>0.00</td> <td>-1.00</td> <td>-1.00</td> <td>0.00</td> </tr> <tr> <td>0.00</td> <td>0.00</td> <td>-1.00</td> <td>-1.00</td> <td></td> </tr> </tbody> </table> 64. Operating Rating (tons): 66. Inventory Rating (tons):			H	HS	3-3	EV3	SHV	0.00	0.00	-1.00	-1.00	0.00	0.00	0.00	-1.00	-1.00												
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		<b>APPRAISAL</b>																																
		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																																
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 10991	<b>Structure No.:</b> 27E0270N2870001	<b>Local ID:</b> 245	<b>Suff. Rating:</b> 34.00	<b>SD</b>
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Inspection Date: 5/24/17      Reported By: Stephen Reese

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Invoice No.: 427258      Inspected With:

**BRIDGE NOTES:**

(1) 6' x 36' cgrp

**INSPECTION NOTES:**      5/24/17

Checked late due to bad weather. PX - Large drift needs removed from north side.

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
<b>31 / 1</b>	Timber Deck	sq.ft	500.00	0%	0.00	0%	0.00	0%	0.00	100%	500.00
NEEDS 7 DECK BOARDS AND RUNNERS.											
<b>111 / 1</b>	Timber Open Girder	ft	476.00	0%	0.00	0%	0.00	0%	0.00	100%	476.00
Lots of splintering and old nail holes on btm. Mod longitudinal splits. Broken bms are singles. #7 STARTING TO CRACK AT BOTTOM. #9-25% BROKEN. #12-50% BROKEN. #7 BM CRACKING AT BTM. #9 50% BROKEN; #12 100% BROKEN; #15 N FACIA 75% ROTTEN. #11^ 16^ 17^ 18^ 19 are broken.											
<b>206 / 1</b>	Timber Column	each	8.00	0%	0.00	0%	0.00	0%	0.00	100%	8.00
Minor splitting on #2 and #3 (on E). W piles have been replaced in the past.											
<b>216 / 1</b>	Timber Abutment	ft	39.00	0%	0.00	0%	0.00	0%	0.00	100%	39.00
Minor decay noted.											
<b>235 / 1</b>	Timber Pier Cap	ft	39.00	0%	0.00	0%	0.00	0%	0.00	100%	39.00
Some splitting and checking overall. Some hvy internal decay on W cap at old bolt holes. Hard to tell how far it goes from holes (mainly over #2 & #3 piles). SMALL HOLE IN WEST CAP IN MIDDLE HOLE SIZE 2in. X 2in..											

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11146	<b>Structure No.:</b> 27N3000E0090009	<b>Local ID:</b> 371	<b>Suff. Rating:</b> 32.10	<b>SD</b>																														
<b>Bridge Description:</b> 26ft. I-BEAM SPAN		<b>IDENTIFICATION</b>																																
1. State: Oklahoma 2. Division: Division 4 3. County: GRANT 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.: N3000 5e. Dir. Sufx: North		7. Facility Carried : N3000 6. Feat. Intersect: POLECAT CREEK 9. Location: .3W 3.7S OF RENFROW 11. Mile Post: 0.900 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 52' 23.07" 17. Longitude: 097° 39' 38.24" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown																																
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43a/b. Main Span: Steel / Stringer/Girder 44a/b. Appr. Span: N/A / Not Applicable (P) 45. # of Main Spans: 1 46. # of Appr. Spans: 0 107. Deck Type: Concrete-Cast-in-Place 108a. Wearing Surface: Monolithic Concrete 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>4/5/2018</td> <td>04/05/2019</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	4/5/2018	04/05/2019	FC:	N	0		NA	NA	UW:	N	0		NA	NA	OS:	N	0		NA	NA
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10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 16.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 15.20 ft 48. Length Max Span: 26.00 ft 49. Struct. Length: 28.00 ft		58. Deck: 4 Poor 62. Culvert: N/A (NBI) 59. Sup.: 6 Satisfactory 61. Chan./Chan. Prot.: 5 Bank Prot Eroded 60. Sub: 4 Poor 12' NW CORNER, 4/28/2014 - 11' N.W. corner, 4/9/2015 - 11' TOD, 4/8/2016 - 11' TOD, 4/6/2017 - 10.5 ft TOD, 4/5/18 - 10'6" TOD.																																
<b>OKLAHOMA ITEMS</b>		<b>LOAD RATING AND POSTING</b>																																
200c. Temperature: 50 200d. Weather: Ptly Cloudy 201. Struc.Stl. ASTM Desig.: 30 / KSI 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: Cantilever b. Type of Found.: Bears on Natural Found. 209. Type of Pier/Found.: - / No 210. Foundation Elev.: <table border="1" style="display: inline-table; margin-right: 10px;"> <tr><td>-1.00</td><td>-1.00</td></tr> <tr><td>-1.00</td><td>-1.00</td></tr> </table> 211. Wear.Surf.Prot.Sys: Date Installed: 01/01/1901 213. Utilities Attached:		-1.00	-1.00	-1.00	-1.00	31. Design Load: Unknown 41. Post. Status: P Posted for load 70. Posting: 1 30.0-39.9% below 63. Op / 65. Inv. Rating Meth.: 1 LF Load Factor / 1 LF Load Factor 64. Operating Rating (tons): <table border="1" style="display: inline-table; margin-right: 10px;"> <tr><td>14.99</td><td>28.00</td><td>-1.00</td><td>-1.00</td><td>0.00</td></tr> <tr><td>10.03</td><td>15.98</td><td>-1.00</td><td>-1.00</td><td></td></tr> </table> 66. Inventory Rating (tons): <table border="1" style="display: inline-table; margin-right: 10px;"> <tr><td>14.99</td><td>28.00</td><td>-1.00</td><td>-1.00</td><td>0.00</td></tr> <tr><td>10.03</td><td>15.98</td><td>-1.00</td><td>-1.00</td><td></td></tr> </table> Date Rated: 05/12/2014			14.99	28.00	-1.00	-1.00	0.00	10.03	15.98	-1.00	-1.00		14.99	28.00	-1.00	-1.00	0.00	10.03	15.98	-1.00	-1.00							
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<b>INSPECTION</b>		<b>APPRAISAL</b>																																
214a. Posted Weight Limit: 151515 b. Posted Speed Limit: NR c. Narrow/1way Brdg Sign: No d. Vertical Clr. Sign: NA Adv. Warning Sign: NA e. Navigation Lights?: No Working/Not Working: No 215. Overpass: ACCO 221. Substr. Cond. (U/W): 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: 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.: Soil 243. Grdr Spacing/No.: 24.00 / 9		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																																
<b>PROPOSED IMPROVEMENTS</b>		<b>NAVIGATION DATA</b>																																
94. Bridge Cost: \$81,000 95. Roadway Cost: \$45,000 96. Total Cost: \$225,000 97. Yr. of Cost Est.: 2015		68. Deck Geom.: 7 Above Min Criteria 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 7 Above Minimum 72. Appr. Alignment: 8 Equal Desirable Crit 113. Scour Critical: 4 Stable, needs action 75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 104.1 ft 114. Future ADT: 38 115. Yr. of Future ADT: 2036																																
<b>NAVIGATION DATA</b>		<b>PROTECTIVE SYSTEMS</b>																																
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: 26 245. Girder Depth: 15.00 246a. Type of Overlay: NA b. Overlay Thickness: 0.00 c. Overlay Date: 01/01/1901 d. Ovlv 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?: Yes 250. Headwall: 254. Thru Truss Type: 257a. OkiePROS Truck Routing: - 258. Plans w/Found.in ODOT File: 259. Scour Eval. in ODOT File: 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00																																

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11146	<b>Structure No.:</b> 27N3000E0090009	<b>Local ID:</b> 371	<b>Suff. Rating:</b> 32.10	<b>SD</b>
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Inspection Date: 4/5/18	Reported By: Stephen Reese
Invoice No.: 427262	Inspected With: Donnie Head



**BRIDGE NOTES:**

12 MONTHS DUE TO DECK \* Deck Controls Rating \*

**INSPECTION NOTES:** 4/5/18

PX - Needs riprap placed at both abuts. FX - Needs all bridge end markers put up.

**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	395.00	0%	0.00	44%	172.00	56%	223.00	0%	0.00
Lots of pock-marks^ footprints^ and scaling^ up to 1.25 inches deep. Needs cleaned and overlaid to fill low areas holding water (1995 photo) (not critical). HOLES FORMING ON SIDE AT ABUTMENT JUNCTION THE WHOLE WAY DOWN. Curb knocked off 4 ft each side on South end. HOLE AT SE CORNER 1 ft X 6 inches. Less than .5 inch of soil.											
107 / 1	Steel Opn Girder/Beam	ft	144.00	0%	0.00	0%	0.00	100%	144.00	0%	0.00
SOME LIGHT TO MODERATE PITTING ON TOP OF OUTER GIRDERS & SIDES OF OUTER GIRDERS. OTHER BEAMS HAVE MOD RUST. Both outer girders bowed outward 1/2" due to overloading 15" channel iron only. All inner areas top flanges encased in concrete. No problems noted. Minor pitting only.											
215 / 1	Re Conc Abutment	ft	33.00	88%	29.00	12%	4.00	0%	0.00	0%	0.00
Minor crack with leaching near btm on E. Some minor scaling on N near btm. Solid for age. One minor crack below beam #3 and #7 on south abut. One light vertical crack on west abut.											
231 / 1	Steel Pier Cap	ft	32.00	0%	0.00	0%	0.00	100%	32.00	0%	0.00
CAP HAS HEAVY PITTING THROUGHOUT. Six inch channel iron used for caps sitting on concrete abuts. No holes visible.											
859 / 1	Soffit	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
Some light cracking with leaching and seepage. Some areas of honeycombing.											
865 / 1	St.Open Gird End(5Ft)	(LF)	90.00	0%	0.00	0%	0.00	100%	90.00	0%	0.00
SOME LIGHT EXFOLIATION AT ABUTMENT SEATS. MODERATE SURFACE RUST OVERALL. ALSO LIGHT PITTING AT ABUTMENT SEATS. All ends at abuts covered with soil. Could be some exfol. Pitting on others.											
870 / 1	Concrete Wingwall	(EA)	1.00	100%	1.00	0%	0.00	0%	0.00	0%	0.00
-1											
961 / 1	Scour SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
Starting to silt in. SCOUR AT SE JCT. Scour now at N.W. corner 18 inches deep. Could not see footings due to water level. No change.											
963 / 1	Steel Section Loss SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
Light to moderate pitting on outer girders. Exfol at beam ends. Pitting on beams.											



# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11151	<b>Structure No.:</b> 27N2820E0130007	<b>Local ID:</b> 288	<b>Suff. Rating:</b> 45.10	<b>SD</b>
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<p><b>Bridge Description:</b> IDENTIFICATION</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">26ft. TIMBER SPAN</div> <p>1. State: Oklahoma 2. Division: Division 4 3. County: GRANT 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.: N2820 5e. Dir. Sufx: North</p> <p>7. Facility Carried : N2820 6. Feat. Intersect: CREEK 9. Location: 3E .3N OF SH132/SH11 11. Mile Post: 0.700 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 49' 01.88" 17. Longitude: 097° 59' 02.35" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown</p>	<p style="text-align: center;"><b>INSPECTION</b></p> <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>2/1/2018</td> <td>02/01/2019</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> </tbody> </table> <p style="text-align: center;"><b>CLASSIFICATION</b></p> <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: 09 Rural Local</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	12 months	2/1/2018	02/01/2019	FC:	N	0	NA	NA	NA	UW:	N	0	NA	NA	NA	OS:	N	0	NA	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: 09 Rural Local	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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<p style="text-align: center;"><b>STRUCTURE TYPE AND MATERIALS</b></p> <p>43a/b. Main Span: Wood or Timber / Stringer/Girder 44a/b. Appr. Span: N/A / Not Applicable (P) 45. # of Main Spans: 1 46. # of Appr. Spans: 0 107. Deck Type: Wood or Timber 108a. Wearing Surface: Gravel 108b. Membrane: None 108c. Deck protection: None</p>	<p style="text-align: center;"><b>CONDITION</b></p> <p>58. Deck: 4 Poor 62. Culvert: N/A (NBI) <b>Flowline Notes</b> 11' FLOW TO DECK TOP. '08 SAME 11' DECK TOP 5/12/2011 11' 6" TOD '13, 3/18/2015 - 11' TOD, 2/28/2016 - 11' TOD, 2/16/2017 - 11' TOD east</p> <p>59. Sup.: 6 Satisfactory 60. Sub: 6 Satisfactory 61. Chan./Chan. Prot.: 6 Bank Slumping</p>
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<p style="text-align: center;"><b>AGE AND SERVICE</b></p> <p>19. Detour Length: 2.0 mi 27. Year Built: 1950 28a/b. Lanes on/und: 2 / 0 29. ADT: 24 30. Year of ADT: 2016 42a/b. Type of Svc on/und: Highway / Waterway</p> <p>106. Year Reconst.: -1 109. Truck ADT: 10%</p>	<p style="text-align: center;"><b>LOAD RATING AND POSTING</b></p> <p>31. Design Load: Unknown 41. Post. Status: P Posted for load 70. Posting: 0 &gt;39.9% below 63. Op / 65. Inv. Rating Meth.: 2 AS Allowable Stress / 2 AS Allowable Stress</p> <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>11.02</td> <td>15.98</td> <td>-1.00</td> <td>-1.00</td> <td>0.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>8.05</td> <td>12.02</td> <td>-1.00</td> <td>-1.00</td> <td></td> </tr> </tbody> </table> <p>Date Rated: 02/23/2017</p>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	11.02	15.98	-1.00	-1.00	0.00	66. Inventory Rating (tons):	8.05	12.02	-1.00	-1.00	
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66. Inventory Rating (tons):	8.05	12.02	-1.00	-1.00															

<p style="text-align: center;"><b>GEOMETRIC DATA</b></p> <p>10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 20.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 16.10 ft 48. Length Max Span: 25.60 ft 49. Struct. Length: 26.40 ft</p> <p>50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 16.10 ft 52. Width Out to Out: 18.00 ft Deck Area: 475.18 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</p>	<p style="text-align: center;"><b>APPRAISAL</b></p> <p>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</p> <p>68. Deck Geom.: 3 Intolerable - Correct 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 5 Above Tolerable 72. Appr. Alignment: 8 Equal Desirable Crit 113. Scour Critical: 8 Stable Above Footin</p>
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<p style="text-align: center;"><b>OKLAHOMA ITEMS</b></p> <p>200c. Temperature: 45 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: Timber Bulkhead b. Type of Found.: Steel Piling 209. Type of Pier/Found.: - / No 210. Foundation Elev.: -1.00 -1.00 -1.00 211. Wear. Surf. Prot. Sys: None Date Installed: 01/01/1901 213. Utilities Attached:</p>	<p>214a. Posted Weight Limit: 111111 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 221. Substr. Cond. (U/W): 222. Fill Over RCB: -1 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: N/A N/A 226. Date Painted: 1950 227. Paint Color: -1 233. Deck Forming: - 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: 21.00 / 11</p>
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<p style="text-align: center;"><b>PROPOSED IMPROVEMENTS</b></p> <p>94. Bridge Cost: \$157,000 95. Roadway Cost: \$86,000 96. Total Cost: \$248,000 97. Yr. of Cost Est.: 2015</p> <p>75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 100.9 ft 114. Future ADT: 38 115. Yr. of Future ADT: 2036</p>	<p style="text-align: center;"><b>NAVIGATION DATA</b></p> <p>38. Nav. Control: Permit Not Required 39. Vert. Clearance: 0.0 ft 40. Horiz. Clearance: 0.0 ft</p> <p>111. Pier Protect.: 1 Not Required 116. Lift Bridge Vert. Clr.: 0.0 ft</p> <p>244. Span Lengths: 26 -1 -1 -1 -1 -1</p> <p>245. Girder Depth: 19.00 246a. Type of Overlay: Soil b. Overlay Thickness: 1.00 c. Overlay Date: 02/16/2017 d. Ovlv Depth Changed &gt;1": - 247. Protective Systems: 248. # Field Splices w/ Corrosion: -1 249. Scour Crit. POA Exists?: - 250. Headwall: -1.00 254. Thru Truss Type: 257a. OkiePROS Truck Routing: - 258. Plans w/Found. in ODOT File: 259. Scour Eval. in ODOT File: 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00</p>
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11151	<b>Structure No.:</b> 27N2820E0130007	<b>Local ID:</b> 288	<b>Suff. Rating:</b> 45.10	<b>SD</b>
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Inspection Date: 2/1/18      Reported By: Stephen Reese

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Invoice No.: 427161      Inspected With:



**BRIDGE NOTES:**

NEEDS WINGS REPAIRED. 2-11TON SIGNS.

**INSPECTION NOTES:**      2/1/18

PX- NEEDS SEVERAL DECK BOARDS AND WINGS REPAIRED    FX - BEMs put up and runners added.

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
31 / 1	Timber Deck	sq.ft	418.00	0%	0.00	0%	0.00	100%	418.00	0%	0.00
Deck HAS HEAVY WEAR IN WHEEL PATHS. Seven boards split and heavy wear. Five other deck boards are very thin and needs replaced and runners added. One small hole on north side^ several deck boards badly splintered^ poor condition overall. 3 deck boards are very thin with holes starting to develop on south side of deck^ 1in. of gravel covering deck. Heavy wear throughout with 2 3in.x1ft. holes at S end.											
111 / 1	Timber Open Girder	ft	299.00	0%	0.00	100%	299.00	0%	0.00	0%	0.00
Minor checking and weathering. Most X-braces have come loose below.											
202 / 1	Steel Column	each	10.00	0%	0.00	0%	0.00	100%	10.00	0%	0.00
DrOVE 10 NEW STEEL PILES. Light to moderate surface rust. Moderate surface rust^ used oilfield pipe for piles. Heavy surface rust with light pitting on used pipe.											
216 / 1	Timber Abutment	ft	36.00	0%	0.00	100%	36.00	0%	0.00	0%	0.00
Some deterioration. Light split on one board on north abut.											
231 / 1	Steel Pier Cap	ft	52.00	0%	0.00	100%	52.00	0%	0.00	0%	0.00
Moderate surface rust.											
510 / 1	Wearing Surfaces	sq.ft	418.00	100%	418.00	0%	0.00	0%	0.00	0%	0.00
1 in. of gravel.											
870 / 1	Concrete Wingwall	(EA)	3.00	0%	0.00	0%	0.00	100%	3.00	0%	0.00
-1											
963 / 1	Steel Section Loss SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
Pitting on piles.											

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11162	<b>Structure No.:</b> 27N2910E0240004	<b>Local ID:</b> 325	<b>Suff. Rating:</b> 37.10	<b>SD</b>																														
<b>Bridge Description:</b> 25ft. TIMBER SPAN		<b>IDENTIFICATION</b>																																
1. State: Oklahoma 2. Division: Division 4 3. County: GRANT 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.: N2910 5e. Dir. Sufx: North		7. Facility Carried : N2910 6. Feat. Intersect: CREEK 9. Location: .3S1.2W.4S OF POND CREE 11. Mile Post: 0.400 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 39' 34.09" 17. Longitude: 097° 49' 18.06" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown																																
<b>STRUCTURE TYPE AND MATERIALS</b>		<b>INSPECTION</b>																																
43a/b. Main Span: Wood or Timber / Stringer/Girder 44a/b. Appr. Span: N/A / Not Applicable (P) 45. # of Main Spans: 1 46. # of Appr. Spans: 0 107. Deck Type: Wood or Timber 108a. Wearing Surface: Wood or Timber 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>24 months</td> <td>6/2/2017</td> <td>06/02/2019</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>			Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	6/2/2017	06/02/2019	FC:	N	0	NA	NA	NA	UW:	N	0	NA	NA	NA	OS:	N	0	NA	NA	NA
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FC:	N	0	NA	NA	NA																													
UW:	N	0	NA	NA	NA																													
OS:	N	0	NA	NA	NA																													
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<b>GEOMETRIC DATA</b>		<b>CONDITION</b>																																
10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 21.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 18.00 ft 48. Length Max Span: 23.50 ft 49. Struct. Length: 24.70 ft		58. Deck: 7 Good 62. Culvert: N/A (NBI) 59. Sup.: 7 Good 61. Chan./Chan. Prot.: 7 Minor Damage 60. Sub: 5 Fair 63. Flowline Notes 8"6" TOD, 6/4/2015 - 7" TOD, 6/2/2017 - 6 ft TOD,																																
<b>OKLAHOMA ITEMS</b>		<b>LOAD RATING AND POSTING</b>																																
200c. Temperature: 73 200d. Weather: Cloudy 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: Cantilever b. Type of Found.: Bears on Natural Found. 209. Type of Pier/Found.: - / No 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 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.: 2 AS Allowable Stress / 2 AS Allowable Stress <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>H</th> <th>HS</th> <th>3-3</th> <th>EV3</th> <th>SHV</th> </tr> </thead> <tbody> <tr> <td>8.05</td> <td>14.00</td> <td>-1.00</td> <td>-1.00</td> <td>0.00</td> </tr> <tr> <td>3.97</td> <td>8.05</td> <td>-1.00</td> <td>-1.00</td> <td></td> </tr> </tbody> </table> 64. Operating Rating (tons): 66. Inventory Rating (tons):			H	HS	3-3	EV3	SHV	8.05	14.00	-1.00	-1.00	0.00	3.97	8.05	-1.00	-1.00										
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11162	<b>Structure No.:</b> 27N2910E0240004	<b>Local ID:</b> 325	<b>Suff. Rating:</b> 37.10	<b>SD</b>
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Inspection Date: 6/2/17      Reported By: Stephen Reese

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Invoice No.: 427258      Inspected With:

**BRIDGE NOTES:**

\* 2- 8 TON SIGNS

**INSPECTION NOTES:**      6/2/17

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
31 / 1	Timber Deck	sq.ft	445.00	100%	445.00	0%	0.00	0%	0.00	0%	0.00
2 running boards splitting^ moderate wear overall. Deck timbers look good.											
107 / 1	Steel Opn Girder/Beam	ft	100.00	0%	0.00	100%	100.00	0%	0.00	0%	0.00
RUST PREVALENT. Moderate surface rust. Beams have been knothched to fit on cap at abuts^ moderate scaling in most areas.											
111 / 1	Timber Open Girder	ft	125.00	0%	0.00	100%	125.00	0%	0.00	0%	0.00
Minor checking and splitting only.											
215 / 1	Re Conc Abutment	ft	36.00	0%	0.00	78%	28.10	22%	7.90	0%	0.00
Mod vertical crack near centerline on S^ 1 in N near E end. Mod scaling overall. SE^ SW^ & NE corners chipped at 18 in. Still stable. Crack on north abut is 1in. wide and 1 crack on northeast is 3/4in. wide still stable. No loss of fill noted.											
231 / 1	Steel Pier Cap	ft	36.00	0%	0.00	100%	36.00	0%	0.00	0%	0.00
SLIGHT RUST. Moderate surface rust.											
510 / 1	Wearing Surfaces	sq.ft	250.00	0%	0.00	100%	250.00	0%	0.00	0%	0.00
Moderate wear on runners.											

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11461	<b>Structure No.:</b> 27E0130N2780003	<b>Local ID:</b> 115	<b>Suff. Rating:</b> 34.00	<b>SD</b>
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<p><b>Bridge Description:</b> IDENTIFICATION</p> <div style="border: 1px solid black; padding: 2px;">25ft. TIMBER SPAN, TEMP PIPES</div> <p>1. State: Oklahoma 2. Division: Division 4 3. County: GRANT 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.: E0130 5e. Dir. Sufx: N/A (NBI)</p> <p>7. Facility Carried: E0130 6. Feat. Intersect: CREEK 9. Location: 1S 1.7 W OF SANDCREEK 11. Mile Post: 0.300 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 49' 32.66" 17. Longitude: 098° 02' 53.37" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown</p>	<p style="text-align: center;"><b>INSPECTION</b></p> <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>2/1/2018</td> <td>02/01/2020</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> </tbody> </table> <p style="text-align: center;"><b>CLASSIFICATION</b></p> <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.: Temporary</td> </tr> <tr> <td>22. Owner: County</td> <td>104. Hwv System: Not on NHS</td> </tr> <tr> <td>26. Function Class: 09 Rural Local</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	2/1/2018	02/01/2020	FC:	N	0	NA	NA	NA	UW:	N	0	NA	NA	NA	OS:	N	0	NA	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.: Temporary	22. Owner: County	104. Hwv System: Not on NHS	26. Function Class: 09 Rural Local	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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<p style="text-align: center;"><b>STRUCTURE TYPE AND MATERIALS</b></p> <p>43a/b. Main Span: Wood or Timber / Stringer/Girder 44a/b. Appr. Span: N/A / Not Applicable (P) 45. # of Main Spans: 1 46. # of Appr. Spans: 0 107. Deck Type: Wood or Timber 108a. Wearing Surface: Gravel 108b. Membrane: None 108c. Deck protection: None</p>	<p style="text-align: center;"><b>CONDITION</b></p> <p>58. Deck: 2 Critical 62. Culvert: N/A (NBI) <b>Flowline Notes</b> 2014 - Both pipes clear, 2/1/2016 - Both pipes clear, 2/1/18 - both pipes clear.</p> <p>59. Sup.: 2 Critical 61. Chan./Chan. Prot.: 7 Minor Damage 60. Sub: 2 Critical</p>
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<p style="text-align: center;"><b>AGE AND SERVICE</b></p> <p>19. Detour Length: 2.0 mi 27. Year Built: 1950 28a/b. Lanes on/und: 2 / 0 29. ADT: 25 30. Year of ADT: 2016 42a/b. Type of Svc on/und: Highway / Waterway</p> <p>106. Year Reconst.: -1 109. Truck ADT: 10%</p>	<p style="text-align: center;"><b>LOAD RATING AND POSTING</b></p> <p>31. Design Load: Unknown 41. Post. Status: E Open, temp struct 70. Posting: 5 At/Above Legal Loads 63. Op / 65. Inv. Rating Meth.: 2 AS Allowable Stress / 2 AS Allowable Stress Date Rated: 08/20/2005</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>64. Operating Rating (tons):</td> <td style="text-align: center;">0.00</td> <td style="text-align: center;">0.00</td> <td style="text-align: center;">-1.00</td> <td style="text-align: center;">-1.00</td> <td style="text-align: center;">0.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td style="text-align: center;">0.00</td> <td style="text-align: center;">0.00</td> <td style="text-align: center;">-1.00</td> <td style="text-align: center;">-1.00</td> <td></td> </tr> </table>	64. Operating Rating (tons):	0.00	0.00	-1.00	-1.00	0.00	66. Inventory Rating (tons):	0.00	0.00	-1.00	-1.00	
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<p style="text-align: center;"><b>GEOMETRIC DATA</b></p> <p>10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 14.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 20.20 ft 48. Length Max Span: 25.00 ft 49. Struct. Length: 25.90 ft</p> <p>50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 20.20 ft 52. Width Out to Out: 20.20 ft Deck Area: 527.43 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</p>	<p style="text-align: center;"><b>APPRAISAL</b></p> <p>36a. Brgd Rail: 0 Substandard 36b. Transition: 0 Substandard 36c. Appr. Rail: 0 Substandard 36d. Appr. Rail Ends: 0 Substandard 67. Str Evaluation: 2 Intolerable - Repl</p> <p>68. Deck Geom.: 5 Above Tolerable 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 5 Above Tolerable 72. Appr. Alignment: 8 Equal Desirable Crit 113. Scour Critical: 8 Stable Above Footin</p>
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<p style="text-align: center;"><b>OKLAHOMA ITEMS</b></p> <p>200c. Temperature: 35 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: Timber Bulkhead b. Type of Found.: Timber Piling 209. Type of Pier/Found.: - / No 210. Foundation Elev.: -1.00 -1.00 -1.00 211. Wear. Surf. Prot. Sys: - Date Installed: 01/01/1901 213. Utilities Attached:</p>	<p>214a. Posted Weight Limit: NR b. Posted Speed Limit: NR c. Narrow/1way Brgd Sign: No d. Vertical Clr. Sign: No Adv. Warning Sign: No e. Navigation Lights?: No Working/Not Working: No 215. Overpass: ACCO 221. Substr. Cond. (U/W): - 222. Fill Over RCB: -1 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: N/A N/A 226. Date Painted: -1 227. Paint Color: -1 233. Deck Forming: Perm. Metal Deck Forr 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Soil 243. Grdr Spacing/No.: -1.00 / 8</p>
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<p style="text-align: center;"><b>PROPOSED IMPROVEMENTS</b></p> <p>94. Bridge Cost: \$152,000 95. Roadway Cost: \$84,000 96. Total Cost: \$241,000 97. Yr. of Cost Est.: 2015</p> <p>75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 97.9 ft 114. Future ADT: 40 115. Yr. of Future ADT: 2036</p>	<p style="text-align: center;"><b>NAVIGATION DATA</b></p> <p>38. Nav. Control: Permit Not Required 39. Vert. Clearance: 0.0 ft 40. Horiz. Clearance: 0.0 ft</p> <p>111. Pier Protect.: 1 Not Required 116. Lift Bridge Vert. Clr.: 0.0 ft</p> <p>244. Span Lengths: 25 -1 -1 -1 -1 -1 -1 -1</p> <p>245. Girder Depth: -1.00 246a. Type of Overlay: Soil b. Overlay Thickness: 2.50 c. Overlay Date: 04/24/1997 d. Ovlv Depth Changed &gt;1": N</p> <p>247. Protective Systems: - - -</p> <p>248. # Field Splices w/ Corrosion: -1 249. Scour Crit. POA Exists?: - 250. Headwall: -1.00 254. Thru Truss Type: 257a. OkiePROS Truck Routing: - 258. Plans w/ Found. in ODOT File: 259. Scour Eval. in ODOT File: 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00</p>
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11461	<b>Structure No.:</b> 27E0130N2780003	<b>Local ID:</b> 115	<b>Suff. Rating:</b> 34.00	<b>SD</b>
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Inspection Date: 2/1/18      Reported By: Stephen Reese

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Invoice No.: 427161      Inspected With:

**BRIDGE NOTES:**

**INSPECTION NOTES:**      2/1/18

\* (2) 36in x 35ft CGMPs \* 3ft cover with shale \*

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
31 / 1	Timber Deck	sq.ft	523.00	0%	0.00	0%	0.00	0%	0.00	100%	523.00
Soil needs removed. Minor damage noted at SE corner. Some discoloration below. NEEDS 4 DECK BOARDS. 1 HOLE NW CORNER. 1 HOLE SE CORNER. DECK REPAIRED AS OF 3-25-08											
111 / 1	Timber Open Girder	ft	200.00	0%	0.00	0%	0.00	0%	0.00	100%	200.00
Minor weathering & longitudinal splits only.											
206 / 1	Timber Column	each	8.00	0%	0.00	0%	0.00	0%	0.00	100%	8.00
#1 in east = 95% hollow. #2 = 50%^ #3 = 50%^ #4 = 95%. No crushing yet. Also #4 in W = 50%. Others in west are not visible. Piles are only visible 10 to 12 inches. ON EAST^ WEST ABUT PILES ARE SILTED UP CAN NOT SEE AT THIS TIME. East abut. #1-100%^ #2-50%^ #3-75%^ #4-can't see. North abut. can't see.											
216 / 1	Timber Abutment	ft	39.00	0%	0.00	0%	0.00	0%	0.00	100%	39.00
10FT EAST ABUTMENT ROTTEN.											
235 / 1	Timber Pier Cap	ft	39.00	0%	0.00	0%	0.00	0%	0.00	100%	39.00
Minor checking & decay. No cracks or stress noted. East cap tilted out slightly due to Hvy pile.											
510 / 1	Wearing Surfaces	sq.ft	523.00	0%	0.00	0%	0.00	0%	0.00	100%	523.00
Soil needs removed. Minor damage noted at SE corner. Some discoloration below. NEEDS 4 DECK BOARDS. ONE HOLE NW CORNER. ONE HOLE SE CORNER. DECK REPAIRED AS OF 3-25-08											

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11471	<b>Structure No.:</b> 27E0130N2820009	<b>Local ID:</b> 118	<b>Suff. Rating:</b> 34.00	<b>SD</b>
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<p><b>Bridge Description:</b> IDENTIFICATION</p> <div style="border: 1px solid black; padding: 2px;">24ft. TIMBER SPAN, TEMP PIPE</div> <p>1. State: Oklahoma 2. Division: Division 4 3. County: GRANT 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.: E0130 5e. Dir. Sufx: East</p> <p>7. Facility Carried: E0130 6. Feat. Intersect: DUEL CREEK 9. Location: 1N 3.9E OF SH11/SH132 11. Mile Post: 0.900 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 49' 31.56" 17. Longitude: 097° 58' 04.19" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown</p>	<p style="text-align: center;"><b>INSPECTION</b></p> <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>3/15/2017</td> <td>03/15/2019</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> </tbody> </table> <p style="text-align: center;"><b>CLASSIFICATION</b></p> <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.: Temporary</td> </tr> <tr> <td>22. Owner: County</td> <td>104. Hwv System: Not on NHS</td> </tr> <tr> <td>26. Function Class: 09 Rural Local</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	3/15/2017	03/15/2019	FC:	N	0	NA	NA	NA	UW:	N	0	NA	NA	NA	OS:	N	0	NA	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.: Temporary	22. Owner: County	104. Hwv System: Not on NHS	26. Function Class: 09 Rural Local	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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<p style="text-align: center;"><b>STRUCTURE TYPE AND MATERIALS</b></p> <p>43a/b. Main Span: Steel / Stringer/Girder 44a/b. Appr. Span: N/A / Not Applicable (P) 45. # of Main Spans: 1 46. # of Appr. Spans: 0 107. Deck Type: Wood or Timber 108a. Wearing Surface: Wood or Timber 108b. Membrane: None 108c. Deck protection: None</p>	<p style="text-align: center;"><b>CONDITION</b></p> <p>58. Deck: 2 Critical 62. Culvert: N/A (NBI) <b>Flowline Notes</b> PIPES CLEAR. *11*, 3/23/2015 - Pipe clear, 3/15/2017 - Pipe clear,</p> <p>59. Sup.: 2 Critical 61. Chan./Chan. Prot.: 6 Bank Slumping 60. Sub: 2 Critical</p>
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<p style="text-align: center;"><b>AGE AND SERVICE</b></p> <p>19. Detour Length: 2.0 mi 27. Year Built: 1950 28a/b. Lanes on/und: 2 / 0 29. ADT: 24 30. Year of ADT: 2016 42a/b. Type of Svc on/und: Highway / Waterway</p> <p>106. Year Reconst.: -1 109. Truck ADT: 10%</p>	<p style="text-align: center;"><b>LOAD RATING AND POSTING</b></p> <p>31. Design Load: Unknown 41. Post. Status: E Open, temp struct 70. Posting: 5 At/Above Legal Loads 63. Op / 65. Inv. Rating Meth.: 2 AS Allowable Stress / 2 AS Allowable Stress Date Rated: 01/01/1901</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td></td> <td style="text-align: center;"><b>H</b></td> <td style="text-align: center;"><b>HS</b></td> <td style="text-align: center;"><b>3-3</b></td> <td style="text-align: center;"><b>EV3</b></td> <td style="text-align: center;"><b>SHV</b></td> </tr> <tr> <td>64. Operating Rating (tons):</td> <td style="text-align: center;">0.00</td> <td style="text-align: center;">0.00</td> <td style="text-align: center;">-1.00</td> <td style="text-align: center;">-1.00</td> <td style="text-align: center;">0.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td style="text-align: center;">0.00</td> <td style="text-align: center;">0.00</td> <td style="text-align: center;">-1.00</td> <td style="text-align: center;">-1.00</td> <td></td> </tr> </table>		<b>H</b>	<b>HS</b>	<b>3-3</b>	<b>EV3</b>	<b>SHV</b>	64. Operating Rating (tons):	0.00	0.00	-1.00	-1.00	0.00	66. Inventory Rating (tons):	0.00	0.00	-1.00	-1.00	
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64. Operating Rating (tons):	0.00	0.00	-1.00	-1.00	0.00														
66. Inventory Rating (tons):	0.00	0.00	-1.00	-1.00															

<p style="text-align: center;"><b>GEOMETRIC DATA</b></p> <p>10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 20.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 18.00 ft 48. Length Max Span: 22.97 ft 49. Struct. Length: 24.93 ft</p> <p>50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 18.20 ft 52. Width Out to Out: 18.20 ft Deck Area: 452.08 sq. ft 53. Min. Vert. Cl. Ovr Brg: 99.99 ft 54a. Min. Vert. 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</p>	<p style="text-align: center;"><b>APPRAISAL</b></p> <p>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</p> <p>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 Footin</p>
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<p style="text-align: center;"><b>OKLAHOMA ITEMS</b></p> <p>200c. Temperature: 34 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: Timber Bulkhead b. Type of Found.: Steel Piling 209. Type of Pier/Found.: - / No 210. Foundation Elev.: -1.00 -1.00 -1.00 211. Wear. Surf. Prot. Sys: Date Installed: 01/01/1901 213. Utilities Attached:</p>	<p style="text-align: center;"><b>PROPOSED IMPROVEMENTS</b></p> <p>94. Bridge Cost: \$152,000 95. Roadway Cost: \$84,000 96. Total Cost: \$241,000 97. Yr. of Cost Est.: 2015</p> <p>75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 97.9 ft 114. Future ADT: 38 115. Yr. of Future ADT: 2036</p> <p style="text-align: center;"><b>NAVIGATION DATA</b></p> <p>38. Nav. Control: Permit Not Required 39. Vert. Clearance: 0.0 ft 40. Horiz. Clearance: 0.0 ft</p> <p>111. Pier Protect.: 1 Not Required 116. Lift Bridge Vert. Clr.: 0.0 ft</p>
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<p>214a. Posted Weight Limit: NR b. Posted Speed Limit: NR c. Narrow/1way Brdg Sign: No d. Vertical Clr. Sign: NA Adv. Warning Sign: NA e. Navigation Lights?: No Working/Not Working: No</p> <p>215. Overpass: ACCO 221. Substr. Cond. (U/W): 222. Fill Over RCB: -1 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: N/A N/A</p> <p>226. Date Painted: 1950 227. Paint Color: -1 233. Deck Forming: 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Soil 243. Grdr Spacing/No.: -1.00 / -1</p>	<p>244. Span Lengths: -1 -1 -1 -1 -1 -1 -1 -1</p> <p>245. Girder Depth: -1.00 246a. Type of Overlay: NA b. Overlay Thickness: 0.00 c. Overlay Date: 01/01/1901 d. Ovlv Depth Changed &gt;1": 247. Protective Systems: 248. # Field Splices w/ Corrosion: -1 249. Scour Crit. POA Exists?: 250. Headwall: -1.00 254. Thru Truss Type: 257a. OkiePROS Truck Routing: - 258. Plans w/Found. in ODOT File: 259. Scour Eval. in ODOT File: 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00</p>
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11471	<b>Structure No.:</b> 27E0130N2820009	<b>Local ID:</b> 118	<b>Suff. Rating:</b> 34.00	<b>SD</b>
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Inspection Date: 3/15/17	Reported By: Stephen Reese
Invoice No.: 427356	Inspected With:

**BRIDGE NOTES:**

**INSPECTION NOTES:** 3/15/17

10' x 32' steel tank cut in 1/2 with steel head wall with 6 piles each side and concrete floor. 4/10/2017 - J.W. - Rating date is before 2000 due to pipe in place.

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
31 / 1	Timber Deck	sq.ft	455.00	0%	0.00	0%	0.00	0%	0.00	100%	455.00
-1											
107 / 1	Steel Opn Girder/Beam	ft	250.00	0%	0.00	0%	0.00	0%	0.00	100%	250.00
-1											
202 / 1	Steel Column	each	8.00	0%	0.00	0%	0.00	0%	0.00	100%	8.00
-1											
216 / 1	Timber Abutment	ft	36.00	0%	0.00	0%	0.00	0%	0.00	100%	36.00
-1											
231 / 1	Steel Pier Cap	ft	36.00	0%	0.00	0%	0.00	0%	0.00	100%	36.00
-1											
963 / 1	Steel Section Loss SF	(EA)	1.00	0%	0.00	0%	0.00	0%	0.00	100%	1.00
-1											



# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11486	<b>Structure No.:</b> 27E0180N2920006	<b>Local ID:</b> 159	<b>Suff. Rating:</b> 19.40	<b>SD</b>
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<p><b>Bridge Description:</b> IDENTIFICATION</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">26ft. TIMBER SPAN</div> <p>1. State: Oklahoma 2. Division: Division 4 3. County: GRANT 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.: E0180 5e. Dir. Sufx: N/A (NBI)</p> <p>7. Facility Carried: E1080 6. Feat. Intersect: OSAGE CREEK 9. Location: 3.8S 3.2W OF MEDFORD 11. Mile Post: 0.600 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 45' 09.69" 17. Longitude: 097° 47' 44.76" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown</p>	<p style="text-align: center;"><b>INSPECTION</b></p> <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>7/17/2018</td> <td>07/17/2020</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> <p style="text-align: center;"><b>CLASSIFICATION</b></p> <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: 09 Rural Local</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	7/17/2018	07/17/2020	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: 09 Rural Local	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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<p style="text-align: center;"><b>STRUCTURE TYPE AND MATERIALS</b></p> <p>43a/b. Main Span: Wood or Timber / Stringer/Girder 44a/b. Appr. Span: N/A / Not Applicable (P) 45. # of Main Spans: 1 46. # of Appr. Spans: 0 107. Deck Type: Wood or Timber 108a. Wearing Surface: Wood or Timber 108b. Membrane: None 108c. Deck protection: None</p>	<p style="text-align: center;"><b>CONDITION</b></p> <p>58. Deck: 0 Failed 62. Culvert: N/A (NBI)</p> <p>59. Sup.: 0 Failed 61. Chan./Chan. Prot.: 0 Br Closed - Replace</p> <p>60. Sub: 0 Failed</p> <p><b>Flowline Notes</b></p> <div style="border: 1px solid black; padding: 2px;">CLOSED, 7/24/2014 - Closed, 7/20/2016 - CLOSED, 7/17/18 - closed.</div>
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<p style="text-align: center;"><b>AGE AND SERVICE</b></p> <p>19. Detour Length: 2.0 mi 27. Year Built: 1950 28a/b. Lanes on/und: 2 / 0 29. ADT: 24 30. Year of ADT: 2016 42a/b. Type of Svc on/und: Highway / Waterway</p> <p>106. Year Reconst.: -1 109. Truck ADT: 10%</p>	<p style="text-align: center;"><b>LOAD RATING AND POSTING</b></p> <p>31. Design Load: Unknown 41. Post. Status: K Closed to all traffic 70. Posting: 0 &gt;39.9% below 63. Op / 65. Inv. Rating Meth.: 2 AS Allowable Stress / 2 AS Allowable Stress</p> <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>0.00</td> <td>0.00</td> <td>-1.00</td> <td>-1.00</td> <td>0.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>0.00</td> <td>0.00</td> <td>-1.00</td> <td>-1.00</td> <td></td> </tr> </tbody> </table> <p>Date Rated: 08/14/1998</p>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	0.00	0.00	-1.00	-1.00	0.00	66. Inventory Rating (tons):	0.00	0.00	-1.00	-1.00	
	H	HS	3-3	EV3	SHV														
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66. Inventory Rating (tons):	0.00	0.00	-1.00	-1.00															

<p style="text-align: center;"><b>GEOMETRIC DATA</b></p> <p>10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 21.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 16.10 ft 48. Length Max Span: 25.30 ft 49. Struct. Length: 26.60 ft</p> <p>50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 16.10 ft 52. Width Out to Out: 16.10 ft Deck Area: 430.56 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</p>	<p style="text-align: center;"><b>APPRAISAL</b></p> <p>36a. Brdg Rail: 0 Substandard 36b. Transition: 0 Substandard 36c. Appr. Rail: 0 Substandard 36d. Appr. Rail Ends: 0 Substandard 67. Str Evaluation: 0 Closed</p> <p>68. Deck Geom.: 3 Intolerable - Correct 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 0 Bridge closed 72. Appr. Alignment: 8 Equal Desirable Crit 113. Scour Critical: 8 Stable Above Footin</p>
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<p style="text-align: center;"><b>OKLAHOMA ITEMS</b></p> <p>200c. Temperature: 77 200d. Weather: Rain/Snow 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: Timber Bulkhead b. Type of Found.: Timber Piling 209. Type of Pier/Found.: - / No 210. Foundation Elev.: -1.00 -1.00 -1.00 -1.00 -1.00 211. Wear. Surf. Prot. Sys: - Date Installed: 01/01/1901 213. Utilities Attached:</p>	<p style="text-align: center;"><b>PROPOSED IMPROVEMENTS</b></p> <p>94. Bridge Cost: \$156,000 95. Roadway Cost: \$86,000 96. Total Cost: \$246,000 97. Yr. of Cost Est.: 2015</p> <p>75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 99.9 ft 114. Future ADT: 38 115. Yr. of Future ADT: 2036</p> <p style="text-align: center;"><b>NAVIGATION DATA</b></p> <p>38. Nav. Control: Permit Not Required 39. Vert. Clearance: 0.0 ft 40. Horiz. Clearance: 0.0 ft</p> <p>111. Pier Protect.: 1 Not Required 116. Lift Bridge Vert. Clr.: 0.0 ft</p>
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<p>214a. Posted Weight Limit: CLOSED 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</p> <p>215. Overpass: ACCO 221. Substr. Cond. (U/W): - 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 4 225. Paint Type/Ovrct: N/A N/A</p> <p>226. Date Painted: 1950 227. Paint Color: -1 233. Deck Forming: - 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Soil 243. Grdr Spacing/No.: 26.00 /</p>	<p>244. Span Lengths: 25</p> <p>245. Girder Depth: 15.50 246a. Type of Overlay: NA b. Overlay Thickness: c. Overlay Date: 01/01/1901 d. Ovlv Depth Changed &gt;1": -</p> <p>247. Protective Systems: - - -</p> <p>248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: - 250. Headwall: 254. Thru Truss Type: 257a. OkiePROS Truck Routing: - 258. Plans w/Found.in ODOT File: 259. Scour Eval. in ODOT File: 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00</p>
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11486	<b>Structure No.:</b> 27E0180N2920006	<b>Local ID:</b> 159	<b>Suff. Rating:</b> 19.40	<b>SD</b>
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Inspection Date: 7/17/18      Reported By: Stephen Reese

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Invoice No.: 427265      Inspected With: Bill Petoom



**BRIDGE NOTES:**

**INSPECTION NOTES:**      7/17/18

\* NEEDS PERMANENT BARRICADES!!! \* Only 20 foot of weeds \* East approach half gone due to NE wing failure \* Dirt piles @ each end \* Structure still closed \* Road not maintained \* Road is fenced off 100 yards east of structure \*

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
31 / 1	Timber Deck	sq.ft	428.00	0%	0.00	0%	0.00	0%	0.00	100%	428.00
5 planks gone.											
111 / 1	Timber Open Girder	ft	208.00	0%	0.00	0%	0.00	0%	0.00	100%	208.00
-1											
206 / 1	Timber Column	each	8.00	0%	0.00	0%	0.00	0%	0.00	100%	8.00
#1 & #4 in east failed.											
216 / 1	Timber Abutment	ft	32.00	0%	0.00	0%	0.00	0%	0.00	100%	32.00
-1											
235 / 1	Timber Pier Cap	ft	32.00	0%	0.00	0%	0.00	0%	0.00	100%	32.00
-1											
960 / 1	Settlement SF	(EA)	1.00	0%	0.00	0%	0.00	0%	0.00	100%	1.00
-1											

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11503	<b>Structure No.:</b> 27E0270N3030002	<b>Local ID:</b> 250	<b>Suff. Rating:</b> 34.00	<b>SD</b>																														
<b>Bridge Description:</b> 24ft. TIMBER SPAN, TEMP PIPES		<b>IDENTIFICATION</b>																																
1. State: Oklahoma 2. Division: Division 4 3. County: GRANT 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.: E0270 5e. Dir. Sufx: East		6. Feat. Intersect: CREEK 7. Facility Carried: E0270 9. Location: .1E .7S .8W OF SALT FORK 11. Mile Post: 0.200 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 37' 20.50" 17. Longitude: 097° 36' 09.72" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown																																
<b>STRUCTURE TYPE AND MATERIALS</b>		<b>INSPECTION</b>																																
43a/b. Main Span: Wood or Timber / Stringer/Girder 44a/b. Appr. Span: N/A / Not Applicable (P) 45. # of Main Spans: 1 46. # of Appr. Spans: 0 107. Deck Type: Wood or Timber 108a. Wearing Surface: Wood or Timber 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>24 months</td> <td>5/10/2017</td> <td>05/10/2019</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>			Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	5/10/2017	05/10/2019	FC:	N	0	NA	NA	NA	UW:	N	0	NA	NA	NA	OS:	N	0	NA	NA	NA
Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.																													
NBI:		1	24 months	5/10/2017	05/10/2019																													
FC:	N	0	NA	NA	NA																													
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OS:	N	0	NA	NA	NA																													
<b>AGE AND SERVICE</b>		<b>CLASSIFICATION</b>																																
19. Detour Length: 2.0 mi 27. Year Built: 1950 28a/b. Lanes on/und: 2 / 0 29. ADT: 24 30. Year of ADT: 2016 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: County 22. Owner: County 26. Function Class: 09 Rural Local 37. Historical Sig.: Not eligible for NRHP 100. Def. Hwy: Not a STRAHNET hwy																																
<b>GEOMETRIC DATA</b>		<b>CONDITION</b>																																
10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 20.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 18.00 ft 48. Length Max Span: 23.95 ft 49. Struct. Length: 23.95 ft		58. Deck: 2 Critical 62. Culvert: N/A (NBI) <b>Flowline Notes</b> PIPES BLOCKED WITH SILT, 5/14/2015 - East pipe blocked with silt, 5/10/2017 - Pipes clear,																																
<b>OKLAHOMA ITEMS</b>		<b>LOAD RATING AND POSTING</b>																																
200c. Temperature: 66 200d. Weather: Cloudy 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: Timber Bulkhead b. Type of Found.: Timber Piling 209. Type of Pier/Found.: - / No 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 213. Utilities Attached:		-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	31. Design Load: Unknown 41. Post. Status: E Open, temp struct 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;"> <thead> <tr> <th>H</th> <th>HS</th> <th>3-3</th> <th>EV3</th> <th>SHV</th> </tr> </thead> <tbody> <tr> <td>0.00</td> <td>0.00</td> <td>-1.00</td> <td>-1.00</td> <td>0.00</td> </tr> <tr> <td>0.00</td> <td>0.00</td> <td>-1.00</td> <td>-1.00</td> <td></td> </tr> </tbody> </table> 64. Operating Rating (tons): 66. Inventory Rating (tons):			H	HS	3-3	EV3	SHV	0.00	0.00	-1.00	-1.00	0.00	0.00	0.00	-1.00	-1.00										
-1.00	-1.00	-1.00																																
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0.00	0.00	-1.00	-1.00																															
<b>INSPECTION</b>		<b>APPRAISAL</b>																																
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 221. Substr. Cond. (U/W): 222. Fill Over RCB: -1 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: N/A 226. Date Painted: -1 227. Paint Color: -1 233. Deck Forming: 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Soil 243. Grdr Spacing/No.: -1.00 / -1		68. Deck Geom.: 4 Tolerable 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 6 Equal Minimum 72. Appr. Alignment: 8 Equal Desirable Crit 67. Str Evaluation: 2 Intolerable - Repl 113. Scour Critical: 8 Stable Above Footin																																
<b>PROPOSED IMPROVEMENTS</b>		<b>NAVIGATION DATA</b>																																
94. Bridge Cost: \$149,000 95. Roadway Cost: \$82,000 96. Total Cost: \$236,000 97. Yr. of Cost Est.: 2015		75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 95.8 ft 114. Future ADT: 38 115. Yr. of Future ADT: 2036																																
<b>NAVIGATION DATA</b>		<b>PROTECTIVE SYSTEMS</b>																																
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;"> <tr> <td>-1</td> <td>-1</td> <td>-1</td> <td>-1</td> <td>-1</td> </tr> <tr> <td>-1</td> <td>-1</td> <td>-1</td> <td>-1</td> <td>-1</td> </tr> </table> 245. Girder Depth: -1.00 246a. Type of Overlay: NA b. Overlay Thickness: 0.00 c. Overlay Date: 01/01/1901 d. Ovlv 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: -1 249. Scour Crit. POA Exists?: 250. Headwall: -1.00 254. Thru Truss Type: 257a. OkiePROS Truck Routing: - 258. Plans w/Found.in ODOT File: 259. Scour Eval. in ODOT File: 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00			-1	-1	-1	-1	-1	-1	-1	-1	-1	-1																				
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11503	<b>Structure No.:</b> 27E0270N3030002	<b>Local ID:</b> 250	<b>Suff. Rating:</b> 34.00	<b>SD</b>
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Inspection Date: 5/10/17      Reported By: Stephen Reese

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Invoice No.: 427258      Inspected With:

**BRIDGE NOTES:**

\* 2 - 48 in. temporary CGMP's PIPES BLOCKED FROM SILT

**INSPECTION NOTES:**      5/10/17

< none >

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
31 / 1	Timber Deck	sq.ft	432.00	0%	0.00	0%	0.00	0%	0.00	100%	432.00
-1											
111 / 1	Timber Open Girder	ft	240.00	0%	0.00	0%	0.00	0%	0.00	100%	240.00
-1											
206 / 1	Timber Column	each	8.00	0%	0.00	0%	0.00	0%	0.00	100%	8.00
-1											
216 / 1	Timber Abutment	ft	36.00	0%	0.00	0%	0.00	0%	0.00	100%	36.00
-1											
235 / 1	Timber Pier Cap	ft	36.00	0%	0.00	0%	0.00	0%	0.00	100%	36.00
-1											
960 / 1	Settlement SF	(EA)	1.00	0%	0.00	0%	0.00	0%	0.00	100%	1.00
-1											

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11514	<b>Structure No.:</b> 27E0150N3070004	<b>Local ID:</b> 136	<b>Suff. Rating:</b> 38.20	<b>SD</b>
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<p><b>Bridge Description:</b> IDENTIFICATION</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">24ft. I-BEAM SPAN</div> <p>1. State: Oklahoma 2. Division: Division 4 3. County: GRANT 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.: E0150 5e. Dir. Sufx: N/A (NBI)</p> <p>7. Facility Carried: E0150 6. Feat. Intersect: LITTLE ANTELOPE CREEK 9. Location: 1S 1.4E OF SH11/SH74 11. Mile Post: 0.400 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 47' 46.44" 17. Longitude: 097° 31' 42.16" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown</p>	<p style="text-align: center;"><b>INSPECTION</b></p> <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>7/11/2018</td> <td>07/11/2019</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> <p style="text-align: center;"><b>CLASSIFICATION</b></p> <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.: 1-lane Br for 2-way</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: 09 Rural Local</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	12 months	7/11/2018	07/11/2019	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.: 1-lane Br for 2-way	21. Custodian: County	103. Temp. Str.: Not Applicable (P)	22. Owner: County	104. Hwy System: Not on NHS	26. Function Class: 09 Rural Local	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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FC:	N	0		NA	NA																																								
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<p style="text-align: center;"><b>STRUCTURE TYPE AND MATERIALS</b></p> <p>43a/b. Main Span: Steel / Stringer/Girder 44a/b. Appr. Span: N/A / Not Applicable (P) 45. # of Main Spans: 1 46. # of Appr. Spans: 0 107. Deck Type: Concrete-Cast-in-Place 108a. Wearing Surface: Gravel 108b. Membrane: None 108c. Deck protection: None</p>	<p style="text-align: center;"><b>CONDITION</b></p> <p>58. Deck: 4 Poor 62. Culvert: N/A (NBI) <b>Flowline Notes</b> 6/5/01 - Flowline to deck top = 12.2' * 6/5/03 - Flowline to deck top = 10.9' * 08/02/05 - Flowline to deck top = 11' * 9-5-07: FLOWLINE TO DECK TOP=</p>
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<p style="text-align: center;"><b>AGE AND SERVICE</b></p> <p>19. Detour Length: 2.0 mi 27. Year Built: 1950 28a/b. Lanes on/und: 1 / 0 29. ADT: 64 30. Year of ADT: 2016 42a/b. Type of Svc on/und: Highway / Waterway</p>	<p style="text-align: center;"><b>LOAD RATING AND POSTING</b></p> <p>31. Design Load: MS 18 (HS 20) <span style="float: right;">Date Rated: 08/13/2015</span> 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</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <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>39.02</td> <td>70.99</td> <td>-1.00</td> <td>-1.00</td> <td>0.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>23.04</td> <td>42.00</td> <td>-1.00</td> <td>-1.00</td> <td></td> </tr> </tbody> </table>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	39.02	70.99	-1.00	-1.00	0.00	66. Inventory Rating (tons):	23.04	42.00	-1.00	-1.00	
	H	HS	3-3	EV3	SHV														
64. Operating Rating (tons):	39.02	70.99	-1.00	-1.00	0.00														
66. Inventory Rating (tons):	23.04	42.00	-1.00	-1.00															

<p style="text-align: center;"><b>GEOMETRIC DATA</b></p> <p>10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 21.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 15.70 ft 48. Length Max Span: 24.00 ft 49. Struct. Length: 24.70 ft</p>	<p>50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 15.70 ft 52. Width Out to Out: 16.10 ft Deck Area: 397.67 sq. ft 53. Min. Vert. Cl. Ovr Brg: 99.99 ft 54a. Min. Vert. 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</p>
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<p style="text-align: center;"><b>OKLAHOMA ITEMS</b></p> <p>200c. Temperature: 100 200d. Weather: Clear 201. Struc. Stl. ASTM Desig.: 30 / KSI 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: 204. Type of Railing: Metal Railing (other) 205. Material Quantity: 48.00 208a. Type of Abutment: Cantilever b. Type of Found.: Bears on Natural Found. 209. Type of Pier/Found.: - / No 210. Foundation Elev.: -1.00 -1.00 -1.00 -1.00 -1.00 211. Wear. Surf. Prot. Sys: Date Installed: 01/01/1901 213. Utilities Attached:</p>	<p>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 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: 1950 227. Paint Color: Silver 233. Deck Forming: Conventional Forming 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Soil 243. Grdr Spacing/No.: 32.00 / 7</p>
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<p style="text-align: center;"><b>APPRAISAL</b></p> <p>36a. Brdg Rail: 0 Substandard 36b. Transition: 0 Substandard 36c. Appr. Rail: 0 Substandard 36d. Appr. Rail Ends: 0 Substandard 67. Str Evaluation: 3 Intolerable - Corr</p>	<p>68. Deck Geom.: 7 Above Min Criteria 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 5 Above Tolerable 72. Appr. Alignment: 8 Equal Desirable Crit 113. Scour Critical: 3 SC - Unstable</p>
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<p style="text-align: center;"><b>PROPOSED IMPROVEMENTS</b></p> <p>94. Bridge Cost: \$80,000 95. Roadway Cost: \$42,000 96. Total Cost: \$225,000 97. Yr. of Cost Est.: 2015</p>	<p>75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 97.9 ft 114. Future ADT: 102 115. Yr. of Future ADT: 2036</p>
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<p style="text-align: center;"><b>NAVIGATION DATA</b></p> <p>38. Nav. Control: Permit Not Required 39. Vert. Clearance: 0.0 ft 40. Horiz. Clearance: 0.0 ft</p>	<p>111. Pier Protect.: 1 Not Required 116. Lift Bridge Vert. Clr.: 0.0 ft</p>
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<p>244. Span Lengths: 24</p> <p>245. Girder Depth: 15.00 246a. Type of Overlay: Soil b. Overlay Thickness: 1.00 c. Overlay Date: 07/15/2015 d. Ovlv Depth Changed &gt;1": N</p> <p>247. Protective Systems: _____ _____ _____</p> <p>248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: Yes 250. Headwall: 254. Thru Truss Type: 257a. OkiePROS Truck Routing: - 258. Plans w/Found. in ODOT File: 259. Scour Eval. in ODOT File: 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00</p>	<p>249. Scour Crit. POA Exists?: Yes 250. Headwall: 254. Thru Truss Type: 257a. OkiePROS Truck Routing: - 258. Plans w/Found. in ODOT File: 259. Scour Eval. in ODOT File: 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00</p>
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11514	<b>Structure No.:</b> 27E0150N3070004	<b>Local ID:</b> 136	<b>Suff. Rating:</b> 38.20	<b>SD</b>
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Inspection Date: 7/11/18      Reported By: Stephen Reese

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Invoice No.: 427265      Inspected With: Brian Rauh



**BRIDGE NOTES:**

**INSPECTION NOTES:**      7/11/18

\* PX-needs 24" rip rap at abut. \* PX - Hole in deck needs repaired. FX - Needs all BEMs put up.

**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	376.00	99%	374.00	0%	0.00	0%	0.00	1%	2.00
SMALL HOLE STARTED NEAR 99 REPAIR ON NW AREA. 3 OLDER REPAIRS. DECK ROUGH AND WORN. REPAIR BREAKING OUT AGAIN (PHOTO) HAS HOLE 2ft. X 9ft.. HOLE NEEDS TO BE REPAIRED. Hole has been repaired. HAS 1 SMALL HOLE AT WEST END. PX - Hole on W. end is now 14in.x 18in. see photos. Rebar grid still in place. Deck looks to only be 3inches thick^ large hole not repaired yet. Hole at SW corner not repaired.											
510 / 1	Wearing Surfaces	sq.ft	376.00	0%	0.00	100%	376.00	0%	0.00	0%	0.00
Rough^ 1.5in. of soil covering deck. Most soil removed.											
107 / 1	Steel Opn Girder/Beam	ft	98.00	0%	0.00	0%	0.00	100%	98.00	0%	0.00
Mod surf rust overall. Traces of paint only. Could not see much due to water depth. Could be pitting^ could not get close due to water level. Light pitting on all beams. South beam east end is pulled out from under deck due to rail impact 1.5inch. Har dto see inner areas due to channel holding water.											
515 / 1	Steel Protective Coating	sq.ft	727.00	0%	0.00	0%	0.00	0%	0.00	100%	727.00
PX - Mod surf rust overall. Traces of paint only. Could not see much due to water depth. PX - No paint visible.											
215 / 1	Re Conc Abutment	ft	32.00	0%	0.00	100%	32.00	0%	0.00	0%	0.00
Minor scaling and erosion most areas. Mod lateral cracking on W approx 4 ft above water line. Looks stable at this time. Some deep loss of sect on W right at water line noted (not serious). 2ft. above waterline is a 2ft. wide x 2in. deep scaling line. Could not see much due to water depth. some light cracking on west abut. Full of water year around.											
231 / 1	Steel Pier Cap	ft	32.00	0%	0.00	0%	0.00	100%	32.00	0%	0.00
HAS PITTING. Could not see much due to water depth. Both caps are covered with silt only 1ft. at each corner visible with pitting. Couldnt get close.											
330 / 1	Metal Bridge Railing	ft	48.00	0%	0.00	0%	0.00	100%	48.00	0%	0.00
Damage on SE corner. Hvy rust overall with pitting on lower areas. Both rails very low and weak. Mod pitting throughout.											
859 / 1	Soffit	(EA)	1.00	0%	0.00	0%	0.00	0%	0.00	100%	1.00
Some spalls with rebar visible along edges. Mod cracks with leaching. 3 repaired areas. Used ladder. Could not see much due to water depth. PX - Hole in deck at southwest corner 14in. x 18in.^ needs repaired. Hole not repaired.											
865 / 1	St.Open Gird End(5Ft)	(LF)	70.00	0%	0.00	0%	0.00	100%	70.00	0%	0.00
Some minor pitting at abutment seats to all girders. Not serious. EXFOLIATION STARTING ON BM ENDS. Could not get close due to water level. Light pitting throughout all ends. Could not see much.											
870 / 1	Concrete Wingwall	(EA)	4.00	0%	0.00	100%	4.00	0%	0.00	0%	0.00
Minor weathering only.											
961 / 1	Scour SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
Footing exposed on E. No undermining yet. Str constricts channel quite a bit. MEASURED UPSTREAM. Could not see much due to water depth. 4ft. water level year round^ channel is 20ft. wider than bridge. Footing is not visible due to water level^ measurment shows scour is deeper by 1ft. Silting in some.											
962 / 1	Super.Traffic Impact	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
Beam #1 pulled from under deck due to rail damage.											
963 / 1	Steel Section Loss SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
Loss not serious. Lt loss to girder ends. EXFOLIATION STARTING ON BM ENDS. Could not see exfol. Could not see much due to water depth. Light pitting on beams and caps.											



# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11518	<b>Structure No.:</b> 27E0280N3100008	<b>Local ID:</b> 259	<b>Suff. Rating:</b> 19.40	<b>SD</b>																														
<b>Bridge Description:</b> 24ft. I-BEAM SPAN		<b>IDENTIFICATION</b>																																
1. State: Oklahoma 2. Division: Division 4 3. County: GRANT 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.: E0280 5e. Dir. Sufx: East		7. Facility Carried: E0280 6. Feat. Intersect: CREEK 9. Location: .1E 1.8S 6.8E0F SALT FORK 11. Mile Post: 0.800 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 36' 29.11" 17. Longitude: 097° 27' 58.19" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown																																
<b>STRUCTURE TYPE AND MATERIALS</b>		<b>INSPECTION</b>																																
43a/b. Main Span: Steel / Stringer/Girder 44a/b. Appr. Span: N/A / Not Applicable (P) 45. # of Main Spans: 1 46. # of Appr. Spans: 0 107. Deck Type: Concrete-Cast-in-Place 108a. Wearing Surface: Monolithic Concrete 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>24 months</td> <td>5/9/2017</td> <td>05/09/2019</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>			Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	5/9/2017	05/09/2019	FC:	N	0	NA	NA	NA	UW:	N	0	NA	NA	NA	OS:	N	0	NA	NA	NA
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FC:	N	0	NA	NA	NA																													
UW:	N	0	NA	NA	NA																													
OS:	N	0	NA	NA	NA																													
<b>AGE AND SERVICE</b>		<b>CLASSIFICATION</b>																																
19. Detour Length: 2.0 mi 27. Year Built: 1950 28a/b. Lanes on/und: 2 / 0 29. ADT: 24 30. Year of ADT: 2016 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: County 22. Owner: County 26. Function Class: 09 Rural Local 37. Historical Sig.: Not eligible for NRHP 100. Def. Hwy: Not a STRAHNET hwy																																
<b>GEOMETRIC DATA</b>		<b>CONDITION</b>																																
10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 21.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 16.30 ft 48. Length Max Span: 21.00 ft 49. Struct. Length: 24.00 ft		58. Deck: 4 Poor 62. Culvert: N/A (NBI) <b>Flowline Notes</b> 4'6" TOD, 5/13/2015 - 3' TOD, 05/9/2017 - 3 ft TOD,																																
<b>OKLAHOMA ITEMS</b>		<b>LOAD RATING AND POSTING</b>																																
200c. Temperature: 81 200d. Weather: Clear 201. Struc.Stl. ASTM Desig.: 30 / KSI 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: Cantilever b. Type of Found.: Bears on Natural Found. 209. Type of Pier/Found.: - / No 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 213. Utilities Attached:		-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	31. Design Load: Unknown 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>9.04</td> <td>18.96</td> <td>-1.00</td> <td>-1.00</td> <td>0.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>5.95</td> <td>10.03</td> <td>-1.00</td> <td>-1.00</td> <td></td> </tr> </tbody> </table>				H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	9.04	18.96	-1.00	-1.00	0.00	66. Inventory Rating (tons):	5.95	10.03	-1.00	-1.00							
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<b>INSPECTION</b>		<b>APPRAISAL</b>																																
214a. Posted Weight Limit: 090909 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 221. Substr. Cond. (U/W): 222. Fill Over RCB: -1 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: N/A 226. Date Painted: -1 227. Paint Color: -1 233. Deck Forming: Conventional Forming 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Soil 243. Grdr Spacing/No.: 40.00 / 7		64. Operating Rating (tons): 66. Inventory Rating (tons): 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.: 3 Intolerable - Correct 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																																
<b>PROPOSED IMPROVEMENTS</b>		<b>NAVIGATION DATA</b>																																
94. Bridge Cost: \$149,000 95. Roadway Cost: \$82,000 96. Total Cost: \$236,000 97. Yr. of Cost Est.: 2015		75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 95.8 ft 114. Future ADT: 38 115. Yr. of Future ADT: 2036																																
<b>NAVIGATION DATA</b>		<b>PROTECTIVE SYSTEMS</b>																																
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;"> <tr> <td>22</td> <td>-1</td> <td>-1</td> </tr> <tr> <td>-1</td> <td>-1</td> <td>-1</td> </tr> </table> 245. Girder Depth: 15.00 246a. Type of Overlay: NA b. Overlay Thickness: 0.00 c. Overlay Date: 01/01/1901 d. Ovlv 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: -1 249. Scour Crit. POA Exists?: 250. Headwall: -1.00 254. Thru Truss Type: 257a. OkiePROS Truck Routing: - 258. Plans w/Found.in ODOT File: 259. Scour Eval. in ODOT File: 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00			22	-1	-1	-1	-1	-1																								
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11518	<b>Structure No.:</b> 27E0280N3100008	<b>Local ID:</b> 259	<b>Suff. Rating:</b> 19.40	<b>SD</b>
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Inspection Date: 5/9/17      Reported By: Stephen Reese

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Invoice No.: 427258      Inspected With:



**BRIDGE NOTES:**

**INSPECTION NOTES:**      5/9/17

UNKNOWN FOUNDATION DEPTH. PX - Hole in deck needs repaired and outer girders need reset under deck. FX - Needs all bridge end markers put up. Bridge should be replaced before long poor condition overall.

**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	391.00	89%	349.00	10%	40.00	0%	0.00	1%	2.00
5 in. (soil) needs removed. Curb knocked off on S. Some deterioration noted along edges. Outer 3.5in. of deck not supported^ PX - 1 moderate hole at west end 3in. x 12in.. PX - Small hole at northeast corner 3 inch wide 1 ft long deck is only 4 inches thick with looks to be only 1 layer of rebar.											
107 / 1	Steel Opn Girder/Beam	ft	98.00	0%	0.00	71%	70.00	0%	0.00	29%	28.00
S girder still out from under deck full length (photo). N girder 3/4 out from under deck. MOD SURFACE RUST ONLY. North girder is loose about to fall out from under deck. PX - both outer girders are out from under deck^ now only 5 beams supporting load. Could not see inner areas due to water level and low clearance. South girder has fallen into channel.											
215 / 1	Re Conc Abutment	ft	36.00	0%	0.00	0%	0.00	92%	33.00	8%	3.00
Abutments crumbling at SE corner and not supporting S girder. Some steel exposed. Stable at this time. Mod TO HEAVY scaling overall. Could not see much due to water level and low clearance.											
859 / 1	Soffit	(EA)	1.00	0%	0.00	0%	0.00	100%	1.00	0%	0.00
Some minor spalling along outer edges. Minor cracks with leaching on a few other areas. Could not see much due to water level and low clearance. Several spalls along edges with rebar exposed.											
865 / 1	St.Open Gird End(5Ft	(LF)	70.00	0%	0.00	71%	50.00	0%	0.00	29%	20.00
S girder still out from under deck full length (photo). N girder 3/4 out from under deck. Heavy exfoliation at abutment seats. MOD SURFACE RUST ONLY. PX - Outer girders are out from under deck.											
870 / 1	Concrete Wingwall	(EA)	3.00	0%	0.00	67%	2.00	33%	1.00	0%	0.00
-1											
960 / 1	Settlement SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
SE corner settled in the past. No change last 6-8 yrs.											
962 / 1	Super.Traffic Impact	(EA)	1.00	0%	0.00	0%	0.00	0%	0.00	100%	1.00
PX - Both outer girders knocked out from under deck.											

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11641	<b>Structure No.:</b> 27N3070E0160002	<b>Local ID:</b> 412	<b>Suff. Rating:</b> 56.50	<b>SD</b>																														
<b>Bridge Description:</b> 31ft. I-BEAM SPAN		<b>IDENTIFICATION</b>																																
1. State: Oklahoma 2. Division: Division 4 3. County: GRANT 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.: N3070 5e. Dir. Sufx: North		7. Facility Carried : N3070 6. Feat. Intersect: BIG ANTELOPE CREEK 9. Location: .3N 1.2E 5.8N OF LAMONT 11. Mile Post: 0.200 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 46' 40.72" 17. Longitude: 097° 32' 03.86" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown																																
<b>STRUCTURE TYPE AND MATERIALS</b>		<b>INSPECTION</b>																																
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<b>GEOMETRIC DATA</b>		<b>CONDITION</b>																																
10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 19.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 18.20 ft 48. Length Max Span: 30.80 ft 49. Struct. Length: 34.10 ft		58. Deck: 6 Satisfactory 62. Culvert: N/A (NBI) 59. Sup.: 6 Satisfactory 61. Chan./Chan. Prot.: 5 Bank Prot Eroded 60. Sub: 4 Poor 101. Parallel Str.: No    bridge exists 102. Traffic Dir.: 2-way traffic 103. Temp. Str.: Not Applicable (P) 104. Hwv System: Not on NHS 105. Fed Land Hwy: N/A (NBI) 110. Defense Hwy: Not a STRAHNET hwy 112. NBIS Length: Long Enough																																
<b>OKLAHOMA ITEMS</b>		<b>LOAD RATING AND POSTING</b>																																
200c. Temperature: 52 200d. Weather: Clear 201. Struc.Stl. ASTM Desig.: 30 / KSI 202. Waterprf.Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: 204. Type of Railing: Metal Railing (other) 205. Material Quantity: 62.00 208a. Type of Abutment: Cantilever b. Type of Found.: Bears on Natural Found. 209. Type of Pier/Found.: - / No 210. Foundation Elev.: <table border="1" style="display: inline-table; margin-right: 10px;"> <tr><td>-1.00</td><td>-1.00</td></tr> <tr><td>-1.00</td><td>-1.00</td></tr> </table> 211. Wear.Surf.Prot.Sys: Date Installed: 01/01/1901 213. Utilities Attached:		-1.00	-1.00	-1.00	-1.00	31. Design Load: M 18 (H 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>40.01</td> <td>61.95</td> <td>-1.00</td> <td>-1.00</td> <td>0.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>24.03</td> <td>37.04</td> <td>-1.00</td> <td>-1.00</td> <td></td> </tr> </tbody> </table> Date Rated: 05/12/2014 68. Deck Geom.: 3 Intolerable - Correct 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 6 Equal Minimum 72. Appr. Alignment: 8 Equal Desirable Crit 113. Scour Critical: 4 Stable, needs action				H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	40.01	61.95	-1.00	-1.00	0.00	66. Inventory Rating (tons):	24.03	37.04	-1.00	-1.00									
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<b>PROPOSED IMPROVEMENTS</b>		<b>APPRAISAL</b>																																
94. Bridge Cost: \$180,000 95. Roadway Cost: \$99,000 96. Total Cost: \$285,000 97. Yr. of Cost Est.: 2015		75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 115.6 ft 114. Future ADT: 38 115. Yr. of Future ADT: 2036																																
<b>NAVIGATION DATA</b>		<b>PROPOSED IMPROVEMENTS</b>																																
38. Nav. Control: Permit Not Required 39. Vert. Clearance: 0.0 ft 40. Horiz. Clearance: 0.0 ft		67. Str Evaluation: 4 Minimum Tolerab 113. Scour Critical: 4 Stable, needs action																																
214a. Posted Weight Limit: NR b. Posted Speed Limit: NR c. Narrow/1way Brdg Sign: No d. Vertical Clr. Sign: NA Adv. Warning Sign: NA e. Navigation Lights?: No Working/Not Working: No 215. Overpass: ACCO 221. Substr.Cond.(U/W): 222. Fill Over RCB: 223. Appr.Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: 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.: Gravel 243. Grdr Spacing/No.: 35.00 / 7		244. Span Lengths: 31 245. Girder Depth: 20.00 246a. Type of Overlay: Soil b. Overlay Thickness: 6.00 c. Overlay Date: 08/02/2005 d. Ovlv Depth Changed >1": N 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?: - 250. Headwall: 254. Thru Truss Type: 257a. OkiePROS Truck Routing: - 258. Plans w/Found.in ODOT File: 259. Scour Eval. in ODOT File: 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00																																

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11641	<b>Structure No.:</b> 27N3070E0160002	<b>Local ID:</b> 412	<b>Suff. Rating:</b> 56.50	<b>SD</b>
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Inspection Date: 4/5/18      Reported By: Stephen Reese

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Invoice No.: 427262      Inspected With: Donnie Head



**BRIDGE NOTES:**

**INSPECTION NOTES:**      4/5/18

**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	533.00	100%	533.00	0%	0.00	0%	0.00	0%	0.00
Deck has 6 inches of overlay. Some damage to curbs. Could not see much due to fill.											
510 / 1	Wearing Surfaces	sq.ft	533.00	100%	533.00	0%	0.00	0%	0.00	0%	0.00
Deck has 6 inches of overlay. Some damage to curbs.											
107 / 1	Steel Opn Girder/Beam	ft	147.00	0%	0.00	0%	0.00	100%	147.00	0%	0.00
Minor pitting with exfoliation on top of outer Mod surface rust otherwise. Pads starting to have loss. Minor freckle rust started on all beams and ends. Pitting and exfol only on outer girders. Very little loss. Hard to get close due to water level. All look to have minor pitting only.											
215 / 1	Re Conc Abutment	ft	36.00	0%	0.00	100%	36.00	0%	0.00	0%	0.00
Moderate loss of concrete up to 2 inches at water line. No steel noted. Minor pattern cracking overall. In various spots only. Minor seam at each abut 3 ft down from beams at cold joint full width. One light crack under beam #1 and #2 on south abut.											
330 / 1	Metal Bridge Railing	ft	62.00	0%	0.00	0%	0.00	100%	62.00	0%	0.00
Rail low and weak. Heavy surface rust overall with some minor pitting. Mainly traps debris along outer girders. Both rails are ineffective^ too low and weak to support. Rail full of overlay. Rail is level with roadway.											
859 / 1	Soffit	(EA)	1.00	100%	1.00	0%	0.00	0%	0.00	0%	0.00
Cannot get a good look due to water depth. Looks good below.											
865 / 1	St.Open Gird End(5Ft)	(LF)	70.00	0%	0.00	51%	36.00	49%	34.00	0%	0.00
Minor pitting with exfoliation on top of outer girder ends. Some light loss on lower flanges at abutment seats from debris build up. Mod surface rust otherwise. Pitting and exfol only on outer girders. Light pitting 1ft. each end at abut seats.											
870 / 1	Concrete Wingwall	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
-1											
961 / 1	Scour SF	(EA)	1.00	100%	1.00	0%	0.00	0%	0.00	0%	0.00
East side has scour at North abut. Can't probe due to water level. Not much change.											
963 / 1	Steel Section Loss SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
Lt pitting top of fascia beam and ends. Pitting on rails.											

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11818	<b>Structure No.:</b> 27E0260N2820001	<b>Local ID:</b> 228	<b>Suff. Rating:</b> 32.00	<b>SD</b>															
<b>Bridge Description:</b> 19ft. 14ft. TIMBER SPANS, (3) -TEMP PIPES		<b>INSPECTION</b>																	
<b>IDENTIFICATION</b>		<b>INSPECTION</b>																	
1. State: Oklahoma 2. Division: Division 4 3. County: GRANT 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.: E0260 5e. Dir. Sufx: N/A (NBI)		7. Facility Carried : E0260 6. Feat. Intersect: SAND CREEK 9. Location: 3.7E 2.S OF NASH 11. Mile Post: 0.100 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 38' 13.55" 17. Longitude: 097° 58' 57.13" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown																	
<b>STRUCTURE TYPE AND MATERIALS</b>		<b>CLASSIFICATION</b>																	
43a/b. Main Span: Wood or Timber / Stringer/Girder 44a/b. Appr. Span: N/A / Not Applicable (P) 45. # of Main Spans: 2 46. # of Appr. Spans: 0 107. Deck Type: Wood or Timber 108a. Wearing Surface: Wood or Timber 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: 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.: Temporary 104. Hwv System: Not on NHS 105. Fed Land Hwy: N/A (NBI) 110. Defense Hwy: Not a STRAHNET hwy 112. NBIS Length: Long Enough																	
<b>AGE AND SERVICE</b>		<b>CONDITION</b>																	
19. Detour Length: 2.0 mi 27. Year Built: 1950 28a/b. Lanes on/und: 2 / 0 29. ADT: 50 30. Year of ADT: 2016 42a/b. Type of Svc on/und: Highway / Waterway		58. Deck: 2 Critical 62. Culvert: N/A (NBI) 59. Sup.: 2 Critical 61. Chan./Chan. Prot.: 3 Bank Prot Failed 60. Sub: 2 Critical Date Rated: 11/22/1991																	
<b>GEOMETRIC DATA</b>		<b>LOAD RATING AND POSTING</b>																	
10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 16.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 20.20 ft 48. Length Max Span: 19.00 ft 49. Struct. Length: 33.00 ft		31. Design Load: Unknown 41. Post. Status: E Open, temp struct 70. Posting: 5 At/Above Legal Loads 63. Op / 65. Inv. Rating Meth.: 2 AS Allowable Stress / 2 AS Allowable Stress 64. Operating Rating (tons): <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td>H</td> <td>HS</td> <td>3-3</td> <td>EV3</td> <td>SHV</td> </tr> <tr> <td>0.00</td> <td>0.00</td> <td>-1.00</td> <td>-1.00</td> <td>0.00</td> </tr> <tr> <td>0.00</td> <td>0.00</td> <td>-1.00</td> <td>-1.00</td> <td></td> </tr> </table> 66. Inventory Rating (tons):			H	HS	3-3	EV3	SHV	0.00	0.00	-1.00	-1.00	0.00	0.00	0.00	-1.00	-1.00	
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0.00	0.00	-1.00	-1.00	0.00															
0.00	0.00	-1.00	-1.00																
<b>OKLAHOMA ITEMS</b>		<b>APPRAISAL</b>																	
200c. Temperature: 84 200d. Weather: Cloudy 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: Timber Bulkhead b. Type of Found.: Timber Piling 209. Type of Pier/Found.: B / No Timber Piling 210. Foundation Elev.: <table border="1" style="display: inline-table; 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 213. Utilities Attached:		-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	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.: 5 Above Tolerable 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 3 Intolerable - Corre 72. Appr. Alignment: 5 Above Tolerable 113. Scour Critical: 8 Stable Above Footin											
-1.00	-1.00	-1.00																	
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<b>PROPOSED IMPROVEMENTS</b>		<b>NAVIGATION DATA</b>																	
214a. Posted Weight Limit: NR b. Posted Speed Limit: NR c. Narrow/1way Brdg Sign: No d. Vertical Clr. Sign: Yes Adv. Warning Sign: No e. Navigation Lights?: No Working/Not Working: No 215. Overpass: ACCO 221. Substr. Cond. (U/W): - 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: N/A 226. Date Painted: 1950 227. Paint Color: -1 233. Deck Forming: - 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Soil 243. Grdr Spacing/No.: /		94. Bridge Cost: \$177,000 95. Roadway Cost: \$97,000 96. Total Cost: \$281,000 97. Yr. of Cost Est.: 2015 75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 113.8 ft 114. Future ADT: 80 115. Yr. of Future ADT: 2036 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: 19 14 245. Girder Depth: 246a. Type of Overlay: NA b. Overlay Thickness: 0.00 c. Overlay Date: 01/01/1901 d. Ovlv Depth Changed >1": - 247. Protective Systems: <table border="1" style="display: inline-table; 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?: - 250. Headwall: 254. Thru Truss Type: 257a. OkiePROS Truck Routing: - 258. Plans w/Found.in ODOT File: 259. Scour Eval. in ODOT File: 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00																	

# Oklahoma Dept. of Transportation - Bridge Inspection Report

**NBI No.:**  
11818

**Structure No.:**  
27E0260N2820001

**Local ID:**  
228

**Suff. Rating:**  
32.00

SD

Inspection Date: 7/17/18      Reported By: Stephen Reese

Invoice No.: 427265      Inspected With: Bill Petoom

**BRIDGE NOTES:**

\* Temporary 3' x 46' steel pipe \* The original elements are not available \* Low water signs each approach

**INSPECTION NOTES:**      7/17/18

\* Should be a 40' structure here \* Low water crossing with steel tank \* Heavy channel erosion \* Steel pipe still in place \* Soil washed out over pipe marginal ability to cross \* PX - needs concrete added to prevent washing out pipe and total loss of crossing \* 30% LF skew. Low water x-ing replaced with (3) 48"x 51' COMP's 3' of fill 3' spacing may need new NBI#. FX - Needs BEMS put up. PX - Needs fill layed over pipes and roadway widened. Water has overtopped all pipes and narrowed roadway exposing pipe for 15' on north end. Pipes still in place.

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11820	<b>Structure No.:</b> 27E0230N2820002	<b>Local ID:</b> 212	<b>Suff. Rating:</b> 34.00	<b>SD</b>																														
<b>Bridge Description:</b> 15ft., 20ft. TIMBER SPANS		<b>IDENTIFICATION</b>																																
1. State: Oklahoma 2. Division: Division 4 3. County: GRANT 4. City: Unknown Admin Area: Cnty. District 3 5a. On/Under: Route On Structure 5b. Kind of Hwy: County Hwy 5c. Lvl of Srvc: Mainline 5d. Route No.: E0230 5e. Dir. Sufx: East		7. Facility Carried : E0230 6. Feat. Intersect: COLDWATER CREEK 9. Location: 3.7E 1N .2E OF NASH 11. Mile Post: 0.200 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 40' 50.61" 17. Longitude: 097° 58' 47.04" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown																																
<b>STRUCTURE TYPE AND MATERIALS</b>		<b>INSPECTION</b>																																
43a/b. Main Span: Wood or Timber / Stringer/Girder 44a/b. Appr. Span: N/A / Not Applicable (P) 45. # of Main Spans: 2 46. # of Appr. Spans: 0 107. Deck Type: Wood or Timber 108a. Wearing Surface: None 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>24 months</td> <td>5/25/2017</td> <td>05/25/2019</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>			Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	5/25/2017	05/25/2019	FC:	N	0	NA	NA	NA	UW:	N	0	NA	NA	NA	OS:	N	0	NA	NA	NA
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19. Detour Length: 2.0 mi 27. Year Built: 1950 28a/b. Lanes on/und: 2 / 0 29. ADT: 25 30. Year of ADT: 2016 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: County 22. Owner: County 26. Function Class: 09 Rural Local 37. Historical Sig.: Not eligible for NRHP 100. Def. Hwy: Not a STRAHNET hwy																																
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200c. Temperature: 83 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: Timber Bulkhead b. Type of Found.: Timber Piling 209. Type of Pier/Found.: B / No Timber 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 213. Utilities Attached: Communication		-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	31. Design Load: Unknown 41. Post. Status: K Closed to all traffic 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;"> <thead> <tr> <th>H</th> <th>HS</th> <th>3-3</th> <th>EV3</th> <th>SHV</th> </tr> </thead> <tbody> <tr> <td>0.00</td> <td>0.00</td> <td>-1.00</td> <td>-1.00</td> <td>0.00</td> </tr> <tr> <td>0.00</td> <td>0.00</td> <td>-1.00</td> <td>-1.00</td> <td></td> </tr> </tbody> </table> 64. Operating Rating (tons): 66. Inventory Rating (tons):			H	HS	3-3	EV3	SHV	0.00	0.00	-1.00	-1.00	0.00	0.00	0.00	-1.00	-1.00										
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214b. Posted Weight Limit: CLOSED 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 221. Substr. Cond. (U/W): 222. Fill Over RCB: -1 223. Appr. Slab/Rwy Cond.: 5 225. Paint Type/Ovrct: N/A 226. Date Painted: -1 227. Paint Color: -1 233. Deck Forming: 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Soil 243. Grdr Spacing/No.: 17.00 / 13		64a. Brgd Rail: 0 Substandard 68. Deck Geom.: 4 Tolerable 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 6 Equal Minimum 72. Appr. Alignment: 6 Equal Min Criteria 67. Str Evaluation: 0 Closed 113. Scour Critical: 8 Stable Above Footin																																
<b>NAVIGATION DATA</b>		<b>PROPOSED IMPROVEMENTS</b>																																
38. Nav. Control: Permit Not Required 39. Vert. Clearance: 0.0 ft 40. Horiz. Clearance: 0.0 ft		94. Bridge Cost: \$183,000 95. Roadway Cost: \$100,000 96. Total Cost: \$290,000 97. Yr. of Cost Est.: 2015 75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 117.3 ft 114. Future ADT: 40 115. Yr. of Future ADT: 2036																																



# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11820	<b>Structure No.:</b> 27E0230N2820002	<b>Local ID:</b> 212	<b>Suff. Rating:</b> 34.00	<b>SD</b>
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Inspection Date: 5/25/17      Reported By: Stephen Reese

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Invoice No.: 427258      Inspected With:

**BRIDGE NOTES:**

**INSPECTION NOTES:**      5/25/17

ROADWAY HAS GROWN UP WITH WEEDS. LOOKS LIKE IT DOESN'T GET TRAVELED DOWN. C X - Bridge has no barricades or dirt piles, farm traffic has been crossing bridge.

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
31 / 1	Timber Deck	sq.ft	630.00	0%	0.00	0%	0.00	0%	0.00	100%	630.00
NEEDS 3 DECK BOARDS.											
111 / 1	Timber Open Girder	ft	636.00	0%	0.00	0%	0.00	0%	0.00	100%	636.00
Minor checking and splitting overall.											
206 / 1	Timber Column	each	9.00	0%	0.00	0%	0.00	0%	0.00	100%	9.00
Some minor splitting on most piles. #2-3 PILES AT E ABUT 50% HOLLOW AT TOP											
216 / 1	Timber Abutment	ft	36.00	0%	0.00	0%	0.00	0%	0.00	100%	36.00
Some decay noted.											
235 / 1	Timber Pier Cap	ft	52.00	0%	0.00	0%	0.00	0%	0.00	100%	52.00
Lt to mod splitting & checking overall. Some fungus started on E cap. E CAP LG SPLIT FULL LENGTH											
960 / 1	Settlement SF	(EA)	1.00	0%	0.00	0%	0.00	0%	0.00	100%	1.00
The NW & NE piles lean in a small amount up to 15 degrees on NW but pile is only visible 16 in. NE leans at 10 degrees.											

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11824	<b>Structure No.:</b> 27E0030N2840009	<b>Local ID:</b> 026	<b>Suff. Rating:</b> 32.00	<b>SD</b>
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<p><b>Bridge Description:</b> <u>IDENTIFICATION</u></p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">2-15ft. TIMBER SPAN, TEMP PIPE</div> <p>1. State: Oklahoma 2. Division: Division 4 3. County: GRANT 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.: E0030 5e. Dir. Sufx: East</p> <p>7. Facility Carried : E0030 6. Feat. Intersect: CROOKED CREEK 9. Location: 1.7S 5.9E OF MANCHESTER 11. Mile Post: 0.900 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 58' 14.51" 17. Longitude: 097° 56' 00.57" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown</p>	<p style="text-align: center;"><u>INSPECTION</u></p> <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>4/10/2017</td> <td>04/10/2019</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> </tbody> </table> <p style="text-align: center;"><u>CLASSIFICATION</u></p> <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.: Temporary</td> </tr> <tr> <td>22. Owner: County</td> <td>104. Hwv System: Not on NHS</td> </tr> <tr> <td>26. Function Class: 09 Rural Local</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	4/10/2017	04/10/2019	FC:	N	0	NA	NA	NA	UW:	N	0	NA	NA	NA	OS:	N	0	NA	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.: Temporary	22. Owner: County	104. Hwv System: Not on NHS	26. Function Class: 09 Rural Local	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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NBI:		1	24 months	4/10/2017	04/10/2019																																								
FC:	N	0	NA	NA	NA																																								
UW:	N	0	NA	NA	NA																																								
OS:	N	0	NA	NA	NA																																								
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100. Def. Hwy: Not a STRAHNET hwy	112. NBIS Length: Long Enough																																												

<p style="text-align: center;"><u>STRUCTURE TYPE AND MATERIALS</u></p> <p>43a/b. Main Span: Wood or Timber / Stringer/Girder 44a/b. Appr. Span: N/A / Not Applicable (P) 45. # of Main Spans: 2 46. # of Appr. Spans: 0 107. Deck Type: Wood or Timber 108a. Wearing Surface: Wood or Timber 108b. Membrane: None 108c. Deck protection: None</p>	<p style="text-align: center;"><u>CONDITION</u></p> <p>58. Deck: 2 Critical 62. Culvert: N/A (NBI)</p> <p>59. Sup.: 2 Critical 61. Chan./Chan. Prot.: 6 Bank Slumping</p> <p>60. Sub: 2 Critical</p> <p style="text-align: center;"><u>Flowline Notes</u></p> <div style="border: 1px solid black; padding: 2px;">PIPE CLEAR, 4/30/2015 - Pipe clear, 4/10/2017 - Pipe clear,</div>
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<p style="text-align: center;"><u>AGE AND SERVICE</u></p> <p>19. Detour Length: 2.0 mi 27. Year Built: 1950 28a/b. Lanes on/und: 2 / 0 29. ADT: 24 30. Year of ADT: 2016 42a/b. Type of Svc on/und: Highway / Waterway</p> <p>106. Year Reconst.: -1 109. Truck ADT: 10%</p>	<p style="text-align: center;"><u>LOAD RATING AND POSTING</u></p> <p>31. Design Load: Unknown 41. Post. Status: E Open, temp struct 70. Posting: 5 At/Above Legal Loads 63. Op / 65. Inv. Rating Meth.: 2 AS Allowable Stress / 2 AS Allowable Stress</p> <p>64. Operating Rating (tons):</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">0.00</td> <td style="text-align: center;">0.00</td> <td style="text-align: center;">-1.00</td> <td style="text-align: center;">-1.00</td> <td style="text-align: center;">0.00</td> </tr> <tr> <td style="text-align: center;">0.00</td> <td style="text-align: center;">0.00</td> <td style="text-align: center;">-1.00</td> <td style="text-align: center;">-1.00</td> <td></td> </tr> </table> <p>66. Inventory Rating (tons):</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">0.00</td> <td style="text-align: center;">0.00</td> <td style="text-align: center;">-1.00</td> <td style="text-align: center;">-1.00</td> <td></td> </tr> </table>	0.00	0.00	-1.00	-1.00	0.00	0.00	0.00	-1.00	-1.00		0.00	0.00	-1.00	-1.00	
0.00	0.00	-1.00	-1.00	0.00												
0.00	0.00	-1.00	-1.00													
0.00	0.00	-1.00	-1.00													

<p style="text-align: center;"><u>GEOMETRIC DATA</u></p> <p>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: 20.20 ft 48. Length Max Span: 15.20 ft 49. Struct. Length: 30.70 ft</p> <p>50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 20.20 ft 52. Width Out to Out: 20.20 ft Deck Area: 624.31 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</p>	<p style="text-align: center;"><u>APPRAISAL</u></p> <p>36a. Brgd Rail: 0 Substandard 36b. Transition: 0 Substandard 36c. Appr. Rail: 0 Substandard 36d. Appr. Rail Ends: 0 Substandard 67. Str Evaluation: 2 Intolerable - Repl</p> <p>68. Deck Geom.: 5 Above Tolerable 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 3 Intolerable - Corre 72. Appr. Alignment: 6 Equal Min Criteria 113. Scour Critical: 8 Stable Above Footin</p>
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<p style="text-align: center;"><u>OKLAHOMA ITEMS</u></p> <p>200c. Temperature: 63 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: Timber Bulkhead b. Type of Found.: Timber Piling 209. Type of Pier/Found.: B / No Timber Piling 210. Foundation Elev.: -1.00 -1.00 -1.00 -1.00 -1.00 211. Wear. Surf. Prot. Sys: Date Installed: 01/01/1901 213. Utilities Attached:</p>	<p style="text-align: center;"><u>PROPOSED IMPROVEMENTS</u></p> <p>94. Bridge Cost: \$171,000 95. Roadway Cost: \$94,000 96. Total Cost: \$270,000 97. Yr. of Cost Est.: 2015</p> <p>75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 109.6 ft 114. Future ADT: 38 115. Yr. of Future ADT: 2036</p> <p style="text-align: center;"><u>NAVIGATION DATA</u></p> <p>38. Nav. Control: Permit Not Required 39. Vert. Clearance: 0.0 ft 40. Horiz. Clearance: 0.0 ft</p> <p>111. Pier Protect.: 1 Not Required 116. Lift Bridge Vert. Clr.: 0.0 ft</p>
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<p>214a. Posted Weight Limit: NR b. Posted Speed Limit: NR c. Narrow/1way Brgd Sign: NA d. Vertical Clr. Sign: NA Adv. Warning Sign: No e. Navigation Lights?: No Working/Not Working: No</p> <p>215. Overpass: ACCO 221. Substr. Cond. (U/W): -1 222. Fill Over RCB: -1 223. Appr. Slab/Rwy Cond.: 4 225. Paint Type/Ovrct: N/A N/A</p> <p>226. Date Painted: -1 227. Paint Color: -1 233. Deck Forming: 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Soil 243. Grdr Spacing/No.: 15.00 / -1</p>	<p>244. Span Lengths: 15 15 -1 -1 -1 -1 -1 -1</p> <p>245. Girder Depth: 12.00 246a. Type of Overlay: NA b. Overlay Thickness: 0.00 c. Overlay Date: 01/01/1901 d. Ovlv Depth Changed &gt;1": -</p> <p>247. Protective Systems: - -</p> <p>248. # Field Splices w/ Corrosion: -1 249. Scour Crit. POA Exists?: - 250. Headwall: -1.00 254. Thru Truss Type: 257a. OkiePROS Truck Routing: - 258. Plans w/Found. in ODOT File: 259. Scour Eval. in ODOT File: 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00</p>
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11824	<b>Structure No.:</b> 27E0030N2840009	<b>Local ID:</b> 026	<b>Suff. Rating:</b> 32.00	<b>SD</b>
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Inspection Date: 4/10/17      Reported By: Stephen Reese

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Invoice No.: 427157      Inspected With:

**BRIDGE NOTES:**

PIPE STILL IN PLACE. \* 2- LOW WATER CROSSING SIGNS

**INSPECTION NOTES:**      4/10/17

< none >

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
31 / 1	Timber Deck	sq.ft	620.00	0%	0.00	0%	0.00	0%	0.00	100%	620.00
-1											
111 / 1	Timber Open Girder	ft	522.00	0%	0.00	0%	0.00	0%	0.00	100%	522.00
-1											
206 / 1	Timber Column	each	12.00	0%	0.00	0%	0.00	0%	0.00	100%	12.00
-1											
216 / 1	Timber Abutment	ft	39.00	0%	0.00	0%	0.00	0%	0.00	100%	39.00
-1											
235 / 1	Timber Pier Cap	ft	59.00	0%	0.00	0%	0.00	0%	0.00	100%	59.00
-1											
960 / 1	Settlement SF	(EA)	1.00	0%	0.00	0%	0.00	0%	0.00	100%	1.00
-1											

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11841	<b>Structure No.:</b> 27E0180N2950004	<b>Local ID:</b> 161	<b>Suff. Rating:</b> 19.40	<b>SD</b>
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**Bridge Description:** IDENTIFICATION

2-15ft. TIMBER SPANS

1. State: Oklahoma	7. Facility Carried: E0180
2. Division: Division 4	6. Feat. Intersect: CREEK
3. County: GRANT	9. Location: .8W 4S .4E OF SH11/US81
4. City: Unknown	11. Mile Post: 0.400 mi
Admin Area: Cnty. District 3	13. LRS Inv. / Sub Rte: -1 / -1
5a. On/Under: Route On Structure	16. Latitude: 36° 45' 09.46"
5b. Kind of Hwy: County Hwy	17. Longitude: 097° 44' 30.96"
5c. Lvl of Svc: Mainline	98. Border Brdg: Unknown (P)
5d. Route No.: E0180	% Responsible: 0.00
5e. Dir. Sufx: N/A (NBI)	99. Border Brdg #: Unknown

**INSPECTION**

Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.
NBI:		1	12 months	7/10/2018	07/10/2019
FC:	N	0		NA	NA
UW:	N	0		NA	NA
OS:	N	0		NA	NA

**CLASSIFICATION**

12. Base Hwy Net.: Not on Base Network	101. Parallel Str.: No    bridge exists
20. Toll Facility: On free road	102. Traffic Dir.: 1-lane Br for 2-way
21. Custodian: County	103. Temp. Str.: Not Applicable (P)
22. Owner: County	104. Hwy System: Not on NHS
26. Function Class: 09 Rural Local	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

**STRUCTURE TYPE AND MATERIALS**

43a/b. Main Span: Wood or Timber / Stringer/Girder

44a/b. Appr. Span: N/A / Not Applicable (P)

45. # of Main Spans: 2

46. # of Appr. Spans: 0

107. Deck Type: Wood or Timber

108a. Wearing Surface: None

108b. Membrane: None

108c. Deck protection: None

**CONDITION**

58. Deck: 4 Poor	59. Sup.: 6 Satisfactory	60. Sub: 5 Fair
62. Culvert: N/A (NBI)	61. Chan./Chan. Prot.: 5 Bank Prot Eroded	

**Flowline Notes**

201 - 5' TOD, 7/21/2014 - 5' TOD, 7/15/2015 - 5' TOD, 7/14/2016 - 5' TOD, 7/11/2017 - 5ft TOD, 7/10/18 - 5.5ft TOD span 1.

**AGE AND SERVICE**

19. Detour Length: 2.0 mi	106. Year Reconst.: -1
27. Year Built: 1950	109. Truck ADT: 10%
28a/b. Lanes on/und: 1 / 0	
29. ADT: 25	
30. Year of ADT: 2016	
42a/b. Type of Svc on/und: Highway / Waterway	

**LOAD RATING AND POSTING**

31. Design Load: Unknown

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

	<b>H</b>	<b>HS</b>	<b>3-3</b>	<b>EV3</b>	<b>SHV</b>
64. Operating Rating (tons):	3.00	4.00		3.00	4.00
66. Inventory Rating (tons):	1.00	2.00		1.00	

Date Rated: 08/07/2018

**GEOMETRIC DATA**

10. Vert. Clearance: 99.99 ft	50a. Curb/Sdwk Width L: 0.00 ft
32. Appr Rwy Width: 19.00 ft	50b. Curb/Sdwk Width R: 0.00 ft
33. Median: No median	51. Width Curb to Curb: 16.00 ft
34. Skew: 0.00°	52. Width Out to Out: 16.00 ft
35. Struct. Flared: No flare	Deck Area: 496.03 sq. ft
47. Horizontal Clr: 16.00 ft	53. Min. Vert. Cl. Ovr Brg: 99.99 ft
48. Length Max Span: 16.00 ft	54a. Min. Vt. Undclr. Ref.: N Feature not hwy c
49. Struct. Length: 31.00 ft	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: 0 Substandard	68. Deck Geom.: 3 Intolerable - Correct
36b. Transition: 0 Substandard	69. Vert./Horiz. Undclr: Not applicable (NB)
36c. Appr. Rail: 0 Substandard	71. Waterway Adeq: 4 Tolerable
36d. Appr. Rail Ends: 0 Substandard	72. Appr. Alignment: 8 Equal Desirable Crit
67. Str Evaluation: 2 Intolerable - Repl	113. Scour Critical: 8 Stable Above Footin

**OKLAHOMA ITEMS**

200c. Temperature: 100	214a. Posted Weight Limit: 03
200d. Weather: Clear	b. Posted Speed Limit: NR
201. Struc. Stl. ASTM Desig.: -1 / -1	c. Narrow/1way Brdg Sign: No
202. Waterprf. Membrane: -1	d. Vertical Clr. Sign: No
Date Installed: 01/01/1901	Adv. Warning Sign: No
203. Type Exp. Device:	e. Navigation Lights?: No
	Working/Not Working: No
204. Type of Railing: N/A	215. Overpass: ACCO
205. Material Quantity: -1.00	221. Substr. Cond. (U/W):
208a. Type of Abutment: Timber Bulkhead	222. Fill Over RCB:
b. Type of Found.: Timber Piling	223. Appr. Slab/Rwy Cond.: 4
209. Type of Pier/Found.: B / Yes	225. Paint Type/Ovrct: N/A
Timber Piling	N/A
210. Foundation Elev.: -1.00 -1.00 -1.00	226. Date Painted: 1950
	227. Paint Color: -1
211. Wear. Surf. Prot. Sys:	233. Deck Forming: -
Date Installed: 01/01/1901	238. School Bus Rte.: Not Desired/Current rte.
213. Utilities Attached:	240. Appr. Rwy Type.: Soil
	243. Grdr Spacing/No.: 18.00 / 18

**PROPOSED IMPROVEMENTS**

94. Bridge Cost: \$168,000	75. Type of Work: 31 Repl-Load Capacity
95. Roadway Cost: \$92,000	76. Lngth of Improvement: 107.7 ft
96. Total Cost: \$265,000	114. Future ADT: 40
97. Yr. of Cost Est.: 2015	115. Yr. of Future ADT: 2036

**NAVIGATION DATA**

38. Nav. Control: Permit Not Required	111. Pier Protect.: 1 Not Required
39. Vert. Clearance: 0.0 ft	116. Lift Bridge Vert. Clr.: 0.0 ft
40. Horiz. Clearance: 0.0 ft	

201. Struc. Stl. ASTM Desig.: -1 / -1	214a. Posted Weight Limit: 03	244. Span Lengths: 15 15
202. Waterprf. Membrane: -1	b. Posted Speed Limit: NR	
Date Installed: 01/01/1901	c. Narrow/1way Brdg Sign: No	
203. Type Exp. Device:	d. Vertical Clr. Sign: No	
	Adv. Warning Sign: No	
204. Type of Railing: N/A	e. Navigation Lights?: No	
205. Material Quantity: -1.00	Working/Not Working: No	
208a. Type of Abutment: Timber Bulkhead	215. Overpass: ACCO	
b. Type of Found.: Timber Piling	221. Substr. Cond. (U/W):	
209. Type of Pier/Found.: B / Yes	222. Fill Over RCB:	
Timber Piling	223. Appr. Slab/Rwy Cond.: 4	
210. Foundation Elev.: -1.00 -1.00 -1.00	225. Paint Type/Ovrct: N/A	
	N/A	
211. Wear. Surf. Prot. Sys:	226. Date Painted: 1950	
Date Installed: 01/01/1901	227. Paint Color: -1	
213. Utilities Attached:	233. Deck Forming: -	
	238. School Bus Rte.: Not Desired/Current rte.	
	240. Appr. Rwy Type.: Soil	
	243. Grdr Spacing/No.: 18.00 / 18	
		245. Girder Depth: 13.00
		246a. Type of Overlay: NA
		b. Overlay Thickness:
		c. Overlay Date: 01/01/1901
		d. Ovlv Depth Changed >1": -
		247. Protective Systems:
		248. # Field Splices w/ Corrosion:
		249. Scour Crit. POA Exists?: -
		250. Headwall:
		254. Thru Truss Type:
		257a. OkiePROS Truck Routing: -
		258. Plans w/Found.in ODOT File:
		259. Scour Eval. in ODOT File:
		263. Interchange at Intersection: -
		264. Interstate Milepoint: -1.00

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11841	<b>Structure No.:</b> 27E0180N2950004	<b>Local ID:</b> 161	<b>Suff. Rating:</b> 19.40	<b>SD</b>
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Inspection Date: 7/10/18      Reported By: Stephen Reese

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Invoice No.: 427265      Inspected With: Brian Rauh



**BRIDGE NOTES:**

**INSPECTION NOTES:**      7/10/18

12 MONTHS DUE TO PILES \* NEEDS 10 DECK BOARDS AND RUNNERS AND TREES REMOVED FROM SOUTH EDGE. POSTED 8 TONS EACH APPROACH. PX - Channel needs cleaned and reshaped and all BEMs put up and deck repaired. FX - Needs all bridge end markers put up.

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
31 / 1	Timber Deck	sq.ft	480.00	0%	0.00	0%	0.00	100%	480.00	0%	0.00
NEEDS 10 DECK BOARDS OR RUNNERS. All deck boards are loose and raising up poor condition^ lots of splits and broken boards^ lots of large holes. 10 deck boards have large splits and are breaking apart. 3 timbers broke 1 large hole at southwest end 1ft wide 3ft long. Most all deck boards are split and loose.											
111 / 1	Timber Open Girder	ft	541.00	0%	0.00	97%	526.00	0%	0.00	3%	15.00
Some minor checking and discoloration overall. Some decay in W end #3 in span 2 noted. #11 BM WEST SPAN ROTTEN 1ft. AT ABUTMENT. Very low clearance 2ft.^ could not see much E. span silted full. Hard to see all areas due to 18in. of clearance. PX - S girder span #1 split in half at midspan. see photos.											
206 / 1	Timber Column	each	9.00	0%	0.00	0%	0.00	100%	9.00	0%	0.00
#1 PILE WEST 50% HOLLOW WITH LARGE SPLITS. #3-50% HOLLOW WEST SPLITS AT TOP. #3 AT BENT 25% HOLLOW TOP 1FT WITH LARGE SPLITS. #2- 50% HOLLOW @ BENT. Only has 3 piles at both abuts and at pier^ all have large splits^ could not see much due to low clearance and high water. Looks to be stable. No change. PX - 1 at W abut 75% hollow w/ lg splits. Hard to get to E piles due to low clearance. looks to be stable at this time.											
216 / 1	Timber Abutment	ft	32.00	0%	0.00	100%	32.00	0%	0.00	0%	0.00
Some deterioration noted.											
235 / 1	Timber Pier Cap	ft	48.00	0%	0.00	88%	42.00	13%	6.00	0%	0.00
MINOR SPLITTING ALL CAPS. BENT CAP ROTTEN 3ft. EACH END. 1 moderate split on south side of pier cap for 2ft. only.											
965 / 1	Debris SF	(EA)	1.00	0%	0.00	0%	0.00	0%	0.00	100%	1.00
PX - channel needs cleaned and reshaped. 3ft of silt blocking E span.											

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11844	<b>Structure No.:</b> 27E0280N2970009	<b>Local ID:</b> 257	<b>Suff. Rating:</b> 19.20	<b>SD</b>
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<p><b>Bridge Description:</b> IDENTIFICATION</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">27ft. TIMBER SPAN, TEMP PIPE</div> <p>1. State: Oklahoma 2. Division: Division 4 3. County: GRANT 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.: E0280 5e. Dir. Sufx: N/A (NBI)</p> <p>7. Facility Carried: E0280 6. Feat. Intersect: CREEK 9. Location: 1.8S 6W OF SALT FORK 11. Mile Post: 0.900 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 36' 28.36" 17. Longitude: 097° 41' 48.30" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown</p>	<p style="text-align: center;"><b>INSPECTION</b></p> <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>7/18/2018</td> <td>07/18/2020</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> <p style="text-align: center;"><b>CLASSIFICATION</b></p> <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.: 1-lane Br for 2-way</td> </tr> <tr> <td>21. Custodian: County</td> <td>103. Temp. Str.: Temporary</td> </tr> <tr> <td>22. Owner: County</td> <td>104. Hwv System: Not on NHS</td> </tr> <tr> <td>26. Function Class: 09 Rural Local</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	7/18/2018	07/18/2020	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.: 1-lane Br for 2-way	21. Custodian: County	103. Temp. Str.: Temporary	22. Owner: County	104. Hwv System: Not on NHS	26. Function Class: 09 Rural Local	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
Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.																																								
NBI:		1	24 months	7/18/2018	07/18/2020																																								
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100. Def. Hwy: Not a STRAHNET hwy	112. NBIS Length: Long Enough																																												

<p style="text-align: center;"><b>STRUCTURE TYPE AND MATERIALS</b></p> <p>43a/b. Main Span: Wood or Timber / Stringer/Girder 44a/b. Appr. Span: N/A / Not Applicable (P) 45. # of Main Spans: 1 46. # of Appr. Spans: 0 107. Deck Type: Wood or Timber 108a. Wearing Surface: Wood or Timber 108b. Membrane: None 108c. Deck protection: None</p>	<p style="text-align: center;"><b>CONDITION</b></p> <p>58. Deck: 2 Critical 62. Culvert: N/A (NBI) <b>Flowline Notes</b> 7/31/00 - Flowline = 4.6' * 9/11/02 - Flowline to deck top = 4.2' sats channel profile * 10/19/04 - Flowline to deck top = 4.3' * 9/5/06 - FL TO</p> <p>59. Sup.: 2 Critical 61. Chan./Chan. Prot.: 6 Bank Slumping 60. Sub: 2 Critical</p>
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<p style="text-align: center;"><b>AGE AND SERVICE</b></p> <p>19. Detour Length: 2.0 mi 27. Year Built: 1950 28a/b. Lanes on/und: 1 / 0 29. ADT: 100 30. Year of ADT: 2016 42a/b. Type of Svc on/und: Highway / Waterway</p> <p>106. Year Reconst.: -1 109. Truck ADT: 10%</p>	<p style="text-align: center;"><b>LOAD RATING AND POSTING</b></p> <p>31. Design Load: Unknown 41. Post. Status: E Open, temp struct 70. Posting: 5 At/Above Legal Loads 63. Op / 65. Inv. Rating Meth.: 2 AS Allowable Stress / 2 AS Allowable Stress Date Rated: 09/24/2008</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>64. Operating Rating (tons):</td> <td style="text-align: center;">0.00</td> <td style="text-align: center;">0.00</td> <td style="text-align: center;">-1.00</td> <td style="text-align: center;">-1.00</td> <td style="text-align: center;">0.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td style="text-align: center;">0.00</td> <td style="text-align: center;">0.00</td> <td style="text-align: center;">-1.00</td> <td style="text-align: center;">-1.00</td> <td></td> </tr> </table>	64. Operating Rating (tons):	0.00	0.00	-1.00	-1.00	0.00	66. Inventory Rating (tons):	0.00	0.00	-1.00	-1.00	
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66. Inventory Rating (tons):	0.00	0.00	-1.00	-1.00									

<p style="text-align: center;"><b>GEOMETRIC DATA</b></p> <p>10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 21.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 16.00 ft 48. Length Max Span: 25.40 ft 49. Struct. Length: 26.40 ft</p> <p>50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 16.00 ft 52. Width Out to Out: 16.00 ft Deck Area: 419.79 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</p>	<p style="text-align: center;"><b>APPRAISAL</b></p> <p>36a. Brgd Rail: 0 Substandard 36b. Transition: 0 Substandard 36c. Appr. Rail: 0 Substandard 36d. Appr. Rail Ends: 0 Substandard 67. Str Evaluation: 2 Intolerable - Repl</p> <p>68. Deck Geom.: 3 Intolerable - Correct 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 5 Above Tolerable 72. Appr. Alignment: 8 Equal Desirable Crit 113. Scour Critical: 8 Stable Above Footin</p>
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<p style="text-align: center;"><b>OKLAHOMA ITEMS</b></p> <p>200c. Temperature: 81 200d. Weather: Cloudy 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: Timber Bulkhead b. Type of Found.: Timber Piling 209. Type of Pier/Found.: - / No 210. Foundation Elev.: -1.00    -1.00 -1.00    -1.00    -1.00 211. Wear. Surf. Prot. Sys: - Date Installed: 01/01/1901 213. Utilities Attached:</p>	<p style="text-align: center;"><b>PROPOSED IMPROVEMENTS</b></p> <p>94. Bridge Cost: \$159,000 95. Roadway Cost: \$87,000 96. Total Cost: \$251,000 97. Yr. of Cost Est.: 2015</p> <p>75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 101.9 ft 114. Future ADT: 160 115. Yr. of Future ADT: 2036</p> <p style="text-align: center;"><b>NAVIGATION DATA</b></p> <p>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</p>
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<p>214a. Posted Weight Limit: NR b. Posted Speed Limit: NR c. Narrow/1way Brgd Sign: Missing d. Vertical Clr. Sign: No Adv. Warning Sign: No e. Navigation Lights?: No Working/Not Working: No 215. Overpass: ACCO 221. Substr. Cond. (U/W): - 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: N/A N/A 226. Date Painted: 1950 227. Paint Color: -1 233. Deck Forming: - 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: 18.00 / 11</p>	<p>244. Span Lengths: 27</p> <p>245. Girder Depth: 16.00 246a. Type of Overlay: NA b. Overlay Thickness: 0.00 c. Overlay Date: 01/01/1901 d. Ovlv Depth Changed &gt;1": - 247. Protective Systems: 248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: - 250. Headwall: 254. Thru Truss Type: 257a. OkiePROS Truck Routing: - 258. Plans w/Found. in ODOT File: 259. Scour Eval. in ODOT File: 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00</p>
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11844	<b>Structure No.:</b> 27E0280N2970009	<b>Local ID:</b> 257	<b>Suff. Rating:</b> 19.20	<b>SD</b>
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Inspection Date: 7/18/18      Reported By: Stephen Reese

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Invoice No.: 427265      Inspected With: Bill Petoom



**BRIDGE NOTES:**

**INSPECTION NOTES:**      7/18/18

8/21/2014 - (3) 4'x 36' CGMP put in place \* Posted 7 tons \* Good gravel roadway \* Some siltation of channel noted \* Good ditches \* CHANNEL RECENTLY CLEANED OUT \*

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
31 / 1	Timber Deck	sq.ft	422.00	0%	0.00	0%	0.00	0%	0.00	100%	422.00
Moderate wear on some runner sections. Deck has 5-6 new planks. Deck is bare except between runners (2 feet wide). Light grader damage on 2 planks along south edge. Several Lg holes needs new boards added and runners replaced											
111 / 1	Timber Open Girder	ft	286.00	0%	0.00	0%	0.00	0%	0.00	100%	286.00
Minor weathering & splitting only. Could be some decay at abutment seats. #1 broken on innerside 10% mid span.											
206 / 1	Timber Column	each	8.00	0%	0.00	0%	0.00	0%	0.00	100%	8.00
#2 & #3 in W have heavy decay & splitting. Not serious for now. #2 approximately 40%^ #3 approximately 50%. East piles are silted in & not visible. #4 in west has moderate splitting & decay approximately 40%. Only 2 foot visible. All W piles have mod splits #4 50% hollow. PX-WEST ABUT: #1-#4-75% HOLLOW & #4 STARTING TO CRUSH TOP 4in.; #2-#3-50% HOLLOW SOUND. Cannot see east piles. #1^ #4 75% hollow #2^ #3 25% to 50%.											
216 / 1	Timber Abutment	ft	32.00	100%	32.00	0%	0.00	0%	0.00	0%	0.00
-1											
235 / 1	Timber Pier Cap	ft	32.00	0%	0.00	0%	0.00	0%	0.00	100%	32.00
-1											

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11849	<b>Structure No.:</b> 27E0270N3000006	<b>Local ID:</b> 249	<b>Suff. Rating:</b> 35.00	<b>SD</b>
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<p><b>Bridge Description:</b> IDENTIFICATION</p> <div style="border: 1px solid black; padding: 2px;">2-15ft. TIMBER SPANS, TEMP PIPE</div> <p>1. State: Oklahoma 2. Division: Division 4 3. County: GRANT 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.: E0270 5e. Dir. Sufx: N/A (NBI)</p> <p>7. Facility Carried: E0270 6. Feat. Intersect: CREEK 9. Location: .8S 3.3W OF SALT FORK 11. Mile Post: 0.400 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 37' 20.34" 17. Longitude: 097° 38' 54.14" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown</p>	<p style="text-align: center;"><b>INSPECTION</b></p> <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>7/11/2018</td> <td>07/11/2020</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> <p style="text-align: center;"><b>CLASSIFICATION</b></p> <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.: Temporary</td> </tr> <tr> <td>22. Owner: County</td> <td>104. Hwy System: Not on NHS</td> </tr> <tr> <td>26. Function Class: 09 Rural Local</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	7/11/2018	07/11/2020	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.: Temporary	22. Owner: County	104. Hwy System: Not on NHS	26. Function Class: 09 Rural Local	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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FC:	N	0		NA	NA																																								
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<p style="text-align: center;"><b>STRUCTURE TYPE AND MATERIALS</b></p> <p>43a/b. Main Span: Wood or Timber / Stringer/Girder 44a/b. Appr. Span: N/A / Not Applicable (P) 45. # of Main Spans: 2 46. # of Appr. Spans: 0 107. Deck Type: Wood or Timber 108a. Wearing Surface: Wood or Timber 108b. Membrane: None 108c. Deck protection: None</p>	<p style="text-align: center;"><b>CONDITION</b></p> <p>58. Deck: 2 Critical 62. Culvert: N/A (NBI) <b>Flowline Notes</b> * 8/24/06- PIPE CLEAR 1' DEGRADATION BOTH ENDS 7/25/2012 pipe clear, 7/21/2014 - Pipe clear, 7/15/2016 - Pipe clear, 7/11/18 - pipe clear.</p> <p>59. Sup.: 2 Critical 61. Chan./Chan. Prot.: 6 Bank Slumping 60. Sub: 2 Critical</p>
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<p style="text-align: center;"><b>AGE AND SERVICE</b></p> <p>19. Detour Length: 2.0 mi 27. Year Built: 1950 28a/b. Lanes on/und: 2 / 0 29. ADT: 24 30. Year of ADT: 2016 42a/b. Type of Svc on/und: Highway / Waterway</p> <p>106. Year Reconst.: -1 109. Truck ADT: 10%</p>	<p style="text-align: center;"><b>LOAD RATING AND POSTING</b></p> <p>31. Design Load: Unknown 41. Post. Status: E Open, temp struct 70. Posting: 5 At/Above Legal Loads 63. Op / 65. Inv. Rating Meth.: 2 AS Allowable Stress / 2 AS Allowable Stress Date Rated: 09/02/2016</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>64. Operating Rating (tons):</td> <td style="text-align: center;">0.00</td> <td style="text-align: center;">0.00</td> <td style="text-align: center;">-1.00</td> <td style="text-align: center;">-1.00</td> <td style="text-align: center;">0.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td style="text-align: center;">0.00</td> <td style="text-align: center;">0.00</td> <td style="text-align: center;">-1.00</td> <td style="text-align: center;">-1.00</td> <td></td> </tr> </table>	64. Operating Rating (tons):	0.00	0.00	-1.00	-1.00	0.00	66. Inventory Rating (tons):	0.00	0.00	-1.00	-1.00	
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66. Inventory Rating (tons):	0.00	0.00	-1.00	-1.00									

  

<p style="text-align: center;"><b>GEOMETRIC DATA</b></p> <p>10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 21.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 20.20 ft 48. Length Max Span: 15.50 ft 49. Struct. Length: 31.70 ft</p> <p>50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 20.20 ft 52. Width Out to Out: 20.20 ft Deck Area: 635.07 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</p>	<p style="text-align: center;"><b>APPRAISAL</b></p> <p>36a. Brgd Rail: 0 Substandard 36b. Transition: 0 Substandard 36c. Appr. Rail: 0 Substandard 36d. Appr. Rail Ends: 0 Substandard 67. Str Evaluation: 2 Intolerable - Repl</p> <p>68. Deck Geom.: 5 Above Tolerable 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 6 Equal Minimum 72. Appr. Alignment: 8 Equal Desirable Crit 113. Scour Critical: 8 Stable Above Footin</p>
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<p style="text-align: center;"><b>OKLAHOMA ITEMS</b></p> <p>200c. Temperature: 82 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: Timber Bulkhead b. Type of Found.: Timber Piling 209. Type of Pier/Found.: B / No Timber Piling 210. Foundation Elev.: -1.00 -1.00 -1.00 -1.00 -1.00 211. Wear. Surf. Prot. Sys: - Date Installed: 01/01/1901 213. Utilities Attached:</p>	<p>214a. Posted Weight Limit: NR b. Posted Speed Limit: NR c. Narrow/1way Brgd Sign: No d. Vertical Clr. Sign: No Adv. Warning Sign: No e. Navigation Lights?: No Working/Not Working: No 215. Overpass: ACCO 221. Substr. Cond. (U/W): - 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 4 225. Paint Type/Ovrct: N/A N/A 226. Date Painted: 1950 227. Paint Color: -1 233. Deck Forming: Perm. Metal Deck Forr 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Soil 243. Grdr Spacing/No.: 9.00 /</p>
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<p style="text-align: center;"><b>PROPOSED IMPROVEMENTS</b></p> <p>94. Bridge Cost: \$168,000 95. Roadway Cost: \$92,000 96. Total Cost: \$265,000 97. Yr. of Cost Est.: 2015</p> <p>75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 107.7 ft 114. Future ADT: 38 115. Yr. of Future ADT: 2036</p>	<p style="text-align: center;"><b>NAVIGATION DATA</b></p> <p>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</p> <p>244. Span Lengths: 15 15</p> <p>245. Girder Depth: 12.00 246a. Type of Overlay: NA b. Overlay Thickness: c. Overlay Date: 01/01/1901 d. Ovlv Depth Changed &gt;1": - 247. Protective Systems: 248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: - 250. Headwall: 254. Thru Truss Type: 257a. OkiePROS Truck Routing: - 258. Plans w/ Found. in ODOT File: 259. Scour Eval. in ODOT File: 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00</p>
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11849	<b>Structure No.:</b> 27E0270N3000006	<b>Local ID:</b> 249	<b>Suff. Rating:</b> 35.00	<b>SD</b>
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Inspection Date: 7/11/18      Reported By: Stephen Reese

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Invoice No.: 427265      Inspected With: Brian Rauh

**BRIDGE NOTES:**

\* Temporary 7 foot x 27 foot Steel Pipe \*

**INSPECTION NOTES:**      7/11/18

\* No posting required \* Satisfactory dirt roadway \* Tank still in place \* Very low ADT \* 9/2/2016 - Pontis will not take rating being a temporary pipe.

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
31 / 1	Timber Deck	sq.ft	640.00	0%	0.00	0%	0.00	0%	0.00	100%	640.00
-1											
111 / 1	Timber Open Girder	ft	331.00	0%	0.00	0%	0.00	0%	0.00	100%	331.00
-1											
206 / 1	Timber Column	each	15.00	0%	0.00	0%	0.00	0%	0.00	100%	15.00
-1											
216 / 1	Timber Abutment	ft	39.00	0%	0.00	0%	0.00	0%	0.00	100%	39.00
-1											
235 / 1	Timber Pier Cap	ft	59.00	0%	0.00	0%	0.00	0%	0.00	100%	59.00
-1											

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11863	<b>Structure No.:</b> 27E0090N3070003	<b>Local ID:</b> 081	<b>Suff. Rating:</b> 33.00	<b>SD</b>																														
<b>Bridge Description:</b> 30ft. TIMBER/I-BEAM SPAN, 2 TEMP PIPES		<b>IDENTIFICATION</b>																																
1. State: Oklahoma 2. Division: Division 4 3. County: GRANT 4. City: Unknown Admin Area: Cnty. District 2 5a. On/Under: Route On Structure 5b. Kind of Hwy: County Hwy 5c. Lvl of Srvc: Mainline 5d. Route No.: E0090 5e. Dir. Sufx: East		7. Facility Carried : E0090 6. Feat. Intersect: CREEK 9. Location: 5N 1.3E OF SH11/SH74 11. Mile Post: 0.100 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 52' 59.83" 17. Longitude: 097° 31' 45.64" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown																																
<b>STRUCTURE TYPE AND MATERIALS</b>		<b>INSPECTION</b>																																
43a/b. Main Span: Wood or Timber / Stringer/Girder 44a/b. Appr. Span: N/A / Not Applicable (P) 45. # of Main Spans: 1 46. # of Appr. Spans: 0 107. Deck Type: Wood or Timber 108a. Wearing Surface: Wood or Timber 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>24 months</td> <td>5/2/2017</td> <td>05/02/2019</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>			Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	5/2/2017	05/02/2019	FC:	N	0	NA	NA	NA	UW:	N	0	NA	NA	NA	OS:	N	0	NA	NA	NA
Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.																													
NBI:		1	24 months	5/2/2017	05/02/2019																													
FC:	N	0	NA	NA	NA																													
UW:	N	0	NA	NA	NA																													
OS:	N	0	NA	NA	NA																													
<b>AGE AND SERVICE</b>		<b>CLASSIFICATION</b>																																
19. Detour Length: 2.0 mi 27. Year Built: 1950 28a/b. Lanes on/und: 2 / 0 29. ADT: 50 30. Year of ADT: 2016 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: County 22. Owner: County 26. Function Class: 09 Rural Local 37. Historical Sig.: Not eligible for NRHP 100. Def. Hwy: Not a STRAHNET hwy																																
<b>GEOMETRIC DATA</b>		<b>CONDITION</b>																																
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: 22.00 ft 48. Length Max Span: 29.00 ft 49. Struct. Length: 30.00 ft		58. Deck: 2 Critical 62. Culvert: N/A (NBI) 59. Sup.: 2 Critical 61. Chan./Chan. Prot.: 6 Bank Slumping 60. Sub: 2 Critical																																
<b>OKLAHOMA ITEMS</b>		<b>LOAD RATING AND POSTING</b>																																
200c. Temperature: 71 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: Timber Bulkhead b. Type of Found.: Timber Piling 209. Type of Pier/Found.: - / No 210. Foundation Elev.: <table border="1" style="display: inline-table; margin-right: 10px;"> <tr><td>-1.00</td><td>-1.00</td></tr> <tr><td>-1.00</td><td>-1.00</td></tr> </table> 211. Wear. Surf. Prot. Sys: Date Installed: 01/01/1901 213. Utilities Attached:		-1.00	-1.00	-1.00	-1.00	31. Design Load: Pedestrian 41. Post. Status: E Open, temp struct 70. Posting: 5 At/Above Legal Loads 63. Op / 65. Inv. Rating Meth.: 2 AS Allowable Stress / 2 AS Allowable Stress Date Rated: 10/06/2007 <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <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>0.00</td> <td>0.00</td> <td>-1.00</td> <td>-1.00</td> <td>0.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>0.00</td> <td>0.00</td> <td>-1.00</td> <td>-1.00</td> <td></td> </tr> </tbody> </table>				H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	0.00	0.00	-1.00	-1.00	0.00	66. Inventory Rating (tons):	0.00	0.00	-1.00	-1.00									
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66. Inventory Rating (tons):	0.00	0.00	-1.00	-1.00																														
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 221. Substr. Cond. (U/W): 222. Fill Over RCB: -1 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: Red Lead 3 Coat System N/A 226. Date Painted: 1950 227. Paint Color: Silver 233. Deck Forming: 238. School Bus Rte.: Desired bus route 240. Appr. Rwy Type.: Soil 243. Grdr Spacing/No.: 38.00 / -1		<b>APPRAISAL</b>																																
244. Span Lengths: <table border="1" style="display: inline-table; margin-right: 10px;"> <tr><td>30</td><td>-1</td><td>-1</td></tr> <tr><td>-1</td><td>-1</td><td>-1</td></tr> </table> 245. Girder Depth: 20.00 246a. Type of Overlay: NA b. Overlay Thickness: 0.00 c. Overlay Date: 01/01/1901 d. Ovlv Depth Changed >1": <table border="1" style="display: inline-table; margin-right: 10px;"> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> </table> 247. Protective Systems: <table border="1" style="display: inline-table; margin-right: 10px;"> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> </table> 248. # Field Splices w/ Corrosion: -1 249. Scour Crit. POA Exists?: 250. Headwall: -1.00 254. Thru Truss Type: 257a. OkiePROS Truck Routing: - 258. Plans w/Found.in ODOT File: 259. Scour Eval. in ODOT File: 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00		30	-1	-1	-1	-1	-1									<b>PROPOSED IMPROVEMENTS</b>																		
30	-1	-1																																
-1	-1	-1																																
214b. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 22.00 ft 52. Width Out to Out: 22.00 ft Deck Area: 656.60 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		64. Bridge Cost: \$168,000 95. Roadway Cost: \$92,000 96. Total Cost: \$266,000 97. Yr. of Cost Est.: 2015 68. Deck Geom.: 5 Above Tolerable 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																																
<b>NAVIGATION DATA</b>		<b>PROPOSED IMPROVEMENTS</b>																																
38. Nav. Control: Permit Not Required 39. Vert. Clearance: 0.0 ft 40. Horiz. Clearance: 0.0 ft		75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 108.0 ft 114. Future ADT: 80 115. Yr. of Future ADT: 2036																																

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 11863	<b>Structure No.:</b> 27E0090N3070003	<b>Local ID:</b> 081	<b>Suff. Rating:</b> 33.00	<b>SD</b>
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Inspection Date: 5/2/17      Reported By: Stephen Reese

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Invoice No.: 427258      Inspected With:

**BRIDGE NOTES:**

**INSPECTION NOTES:**      5/2/17

2-54"x42'CGMP's. Pipes are plastic not CGMPs.

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
31 / 1	Timber Deck	sq.ft	660.00	0%	0.00	0%	0.00	0%	0.00	100%	660.00
Minor checking and wear on runners only. Some soil between runners at ends. 1 RUNNER NEEDS REPAIRED.											
107 / 1	Steel Opn Girder/Beam	ft	118.00	100%	118.00	0%	0.00	0%	0.00	0%	0.00
Mod to hvy surf rust overall. Paint on some areas of webs.											
111 / 1	Timber Open Girder	ft	269.00	0%	0.00	0%	0.00	0%	0.00	100%	269.00
#1 100% CRUSHED AT EAST ABUTMENT; #2 100% CRUSHED AT WEST ABUTMENT^ #3-#4 STEEL BMS^ UNDER DECK RUNNERS; #5 GONE^ UNDER DECK RUNNERS; #6-#7 STEEL BMS^ UNDER DECK RUNNERS; #8 GOOD; #9 NOT HOLDING NOTHING=30ft.; #10 CRUSHED AT WEST ABUTMENT 100%=5ft.. All wooden beams crushed or broken but 3 & 4 from North.											
206 / 1	Timber Column	each	8.00	0%	0.00	0%	0.00	0%	0.00	100%	8.00
Minor splitting and decay only. 20% to 30% est. 4 east piles covered with dirt. 4 west are 25% hollow in water in 2009.											
216 / 1	Timber Abutment	ft	43.00	0%	0.00	0%	0.00	0%	0.00	100%	43.00
Some decay started.											
235 / 1	Timber Pier Cap	ft	43.00	0%	0.00	0%	0.00	0%	0.00	100%	43.00
Minor checking and splintering only. West cap rotten & crushing under 3 or 4 steel beam.											





# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 13281	<b>Structure No.:</b> 27E0270N2960009	<b>Local ID:</b> 247	<b>Suff. Rating:</b> 37.00	<b>SD</b>
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Inspection Date: 7/18/18      Reported By: Stephen Reese

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Invoice No.: 427265      Inspected With: Bill Petoom



**BRIDGE NOTES:**

**INSPECTION NOTES:**      7/18/18

\* Posted 9 tons \* Carsonite markers on NE only \* Good shale roadway \* Fuse plug on east \* Channel clean & centered \* Satisfactory ditches.

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
31 / 1	Timber Deck	sq.ft	580.00	0%	0.00	0%	0.00	99%	576.00	1%	4.00
Minor wear overall. Some splitting on a few planks. New runners recently installed. Runners are badly broke up. PX - 1 board center of bridge is gone on north side for 4ft.. Most of deck in poor condition. Some others have mod rot but no holes yet.											
510 / 1	Wearing Surfaces	sq.ft	290.00	0%	0.00	0%	0.00	100%	290.00	0%	0.00
Runners are badly broken up.											
111 / 1	Timber Open Girder	ft	261.00	0%	0.00	77%	202.00	23%	59.00	0%	0.00
Some longitudinal splitting & old nail holes. #3 bm 50% rotten 25% top; 25% btm; #6 large splits. Most beams have white rot where soil build up is on caps. #4 50% rotten^ #5 large split in center^ #6 10ft. area of heavy white rott. Top of beam #2 by west abut for 1ft. is broke off. no change in beam cond.											
202 / 1	Steel Column	each	8.00	0%	0.00	63%	5.00	38%	3.00	0%	0.00
Light exfoliation @ lower 2 foot on 3 in east abutment. Mod surface rust overall. All piles have lt. pitting on used oilfield pipe.											
216 / 1	Timber Abutment	ft	40.00	100%	40.00	0%	0.00	0%	0.00	0%	0.00
Good condition overall.											
231 / 1	Steel Pier Cap	ft	40.00	0%	0.00	0%	0.00	100%	40.00	0%	0.00
Moderate surface rust overall. Heavy surface rust^ with heavy soil buildup on caps. Minor scaling started due to soil on caps. Minor exfol and pitting on top flange due to soil build up.											
963 / 1	Steel Section Loss SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
Light exfoliation @ lower 2 foot on 3 in east abutment. Mod surface rust overall. Lt. pitting on all used oilfield pipe. Exfol on caps.											

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 13327	<b>Structure No.:</b> 27N3080E0090009	<b>Local ID:</b> 416	<b>Suff. Rating:</b> 41.30	<b>SD</b>																														
<b>Bridge Description:</b> 30ft. TIMBER SPAN		<b>IDENTIFICATION</b>																																
1. State: Oklahoma 2. Division: Division 4 3. County: GRANT 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.: N3080 5e. Dir. Sufx: N/A (NBI)		7. Facility Carried : N3080 6. Feat. Intersect: CREEK 9. Location: .1E 4.5N OF DEER CREEK 11. Mile Post: 0.900 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 52' 10.45" 17. Longitude: 097° 30' 59.68" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown																																
<b>STRUCTURE TYPE AND MATERIALS</b>		<b>INSPECTION</b>																																
43a/b. Main Span: Wood or Timber / Stringer/Girder 44a/b. Appr. Span: N/A / Not Applicable (P) 45. # of Main Spans: 1 46. # of Appr. Spans: 0 107. Deck Type: Wood or Timber 108a. Wearing Surface: Wood or Timber 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>24 months</td> <td>7/18/2018</td> <td>07/18/2020</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	7/18/2018	07/18/2020	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.																													
NBI:		1	24 months	7/18/2018	07/18/2020																													
FC:	N	0		NA	NA																													
UW:	N	0		NA	NA																													
OS:	N	0		NA	NA																													
<b>AGE AND SERVICE</b>		<b>CLASSIFICATION</b>																																
19. Detour Length: 2.0 mi 27. Year Built: 1955 28a/b. Lanes on/und: 2 / 0 29. ADT: 100 30. Year of ADT: 2016 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: County 22. Owner: County 26. Function Class: 09 Rural Local 37. Historical Sig.: Not eligible for NRHP 100. Def. Hwy: Not a STRAHNET hwy																																
<b>GEOMETRIC DATA</b>		<b>CONDITION</b>																																
10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 20.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 22.10 ft 48. Length Max Span: 28.20 ft 49. Struct. Length: 30.50 ft		58. Deck: 6 Satisfactory 62. Culvert: N/A (NBI) 59. Sup.: 6 Satisfactory 61. Chan./Chan. Prot.: 5 Bank Prot Eroded 60. Sub: 6 Satisfactory																																
<b>OKLAHOMA ITEMS</b>		<b>LOAD RATING AND POSTING</b>																																
200c. Temperature: 100 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: Timber Bulkhead b. Type of Found.: Timber Piling 209. Type of Pier/Found.: - / No 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 213. Utilities Attached:		-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	31. Design Load: Unknown 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;"> <thead> <tr> <th>H</th> <th>HS</th> <th>3-3</th> <th>EV3</th> <th>SHV</th> </tr> </thead> <tbody> <tr> <td>4.00</td> <td>7.00</td> <td></td> <td>5.00</td> <td>6.00</td> </tr> <tr> <td>2.00</td> <td>3.00</td> <td></td> <td>2.00</td> <td></td> </tr> </tbody> </table> Date Rated: 08/03/2018 64. Operating Rating (tons): 66. Inventory Rating (tons):			H	HS	3-3	EV3	SHV	4.00	7.00		5.00	6.00	2.00	3.00		2.00										
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2.00	3.00		2.00																															
		<b>APPRAISAL</b>																																
		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																																
		<b>PROPOSED IMPROVEMENTS</b>																																
		94. Bridge Cost: \$168,000 95. Roadway Cost: \$92,000 96. Total Cost: \$265,000 97. Yr. of Cost Est.: 2015																																
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		38. Nav. Control: Permit Not Required 39. Vert. Clearance: 0.0 ft 40. Horiz. Clearance: 0.0 ft																																
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		244. Span Lengths: 30 245. Girder Depth: 16.00 246a. Type of Overlay: Timber Runners b. Overlay Thickness: 3.00 c. Overlay Date: 07/18/2018 d. Ovlv Depth Changed >1": Y 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?: - 250. Headwall: 254. Thru Truss Type: 257a. OkiePROS Truck Routing: - 258. Plans w/Found.in ODOT File: 259. Scour Eval. in ODOT File: 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00																																
		214a. Posted Weight Limit: 04 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 221. Substr. Cond. (U/W): 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: N/A 226. Date Painted: 2006 227. Paint Color: -1 233. Deck Forming: - 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: 22.00 / 11																																

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 13327	<b>Structure No.:</b> 27N3080E0090009	<b>Local ID:</b> 416	<b>Suff. Rating:</b> 41.30	<b>SD</b>
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Inspection Date: 7/18/18      Reported By: Stephen Reese

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Invoice No.: 427265      Inspected With: Bill Petoom



**BRIDGE NOTES:**

Posted 11 TON each approach

**INSPECTION NOTES:**      7/18/18

< none >

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
31 / 1	Timber Deck	sq.ft	663.00	0%	0.00	100%	663.00	0%	0.00	0%	0.00
Most runners need replaced. Runners been replaced^ now has minor splits. Very heavy deck timbers look to be beams for deck.											
510 / 1	Wearing Surfaces	sq.ft	240.00	0%	0.00	100%	240.00	0%	0.00	0%	0.00
Mod splitting on most 3in x 12in timber runners.											
107 / 1	Steel Opn Girder/Beam	ft	60.00	0%	0.00	0%	0.00	100%	60.00	0%	0.00
Minor pitting on bottom flanges											
111 / 1	Timber Open Girder	ft	270.00	0%	0.00	99%	268.00	1%	2.00	0%	0.00
Minor checking & splitting. #2 plank from N. end has center core rotted out^ see photos^ Large spacing between deck planks 4in.. Beams 1 on W side has rotated 20 degrees due to over loading.											
202 / 1	Steel Column	each	11.00	0%	0.00	0%	0.00	100%	11.00	0%	0.00
PILES LOOK GOOD^ 3 AT EACH ABUTMENT. Mod pitting on SE 2 piles. 5 wing piles. Moderate exfol on all south abut piles^ little loss only on used oilfilled pipe piles^ minor pitting on others.											
216 / 1	Timber Abutment	ft	22.00	0%	0.00	100%	22.00	0%	0.00	0%	0.00
Some splitting & decay noted (on north).											
219 / 1	Stl Abutment	ft	22.00	0%	0.00	100%	22.00	0%	0.00	0%	0.00
South backwall has had galvanized sheeting driven behind it to repair where erosion was below timber backwall. Mod. surface rust on lower 3ft. on S. abut. Minor exfol started on lower 2ft. of south abut.											
918 / 1	St.(substr)Prot.Coat	(EA)	373.00	0%	0.00	0%	0.00	0%	0.00	100%	373.00
South backwall has had galvanized sheeting driven behind it to repair where erosion was below timber backwall. PX - No coating left on bottom of S. abut.											
231 / 1	Steel Pier Cap	ft	44.00	0%	0.00	0%	0.00	100%	44.00	0%	0.00
Mod. surface rust. Minor pitting now on bottom flange.											
963 / 1	Steel Section Loss SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
Pitting on beams and caps. piles are minor.											

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 13330	<b>Structure No.:</b> 27N3080E0150005	<b>Local ID:</b> 419	<b>Suff. Rating:</b> 35.00	<b>SD</b>																														
<b>Bridge Description:</b> 31ft. I-BEAM SPAN		<b>IDENTIFICATION</b>																																
1. State: Oklahoma 2. Division: Division 4 3. County: GRANT 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.: N3080 5e. Dir. Sufx: North		7. Facility Carried : N3080 6. Feat. Intersect: LITTLE ANTELOPE CREEK 9. Location: .2E 1.1 S OF DEER CREEK 11. Mile Post: 9.498 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 47' 21.73" 17. Longitude: 097° 30' 59.19" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown																																
<b>STRUCTURE TYPE AND MATERIALS</b>		<b>INSPECTION</b>																																
43a/b. Main Span: Steel / Stringer/Girder 44a/b. Appr. Span: N/A / Not Applicable (P) 45. # of Main Spans: 1 46. # of Appr. Spans: 0 107. Deck Type: Wood or Timber 108a. Wearing Surface: Wood or Timber 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>4/5/2018</td> <td>04/05/2019</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	4/5/2018	04/05/2019	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.																													
NBI:		1	12 months	4/5/2018	04/05/2019																													
FC:	N	0		NA	NA																													
UW:	N	0		NA	NA																													
OS:	N	0		NA	NA																													
<b>AGE AND SERVICE</b>		<b>CLASSIFICATION</b>																																
19. Detour Length: 2.0 mi 27. Year Built: 1955 28a/b. Lanes on/und: 2 / 0 29. ADT: 50 30. Year of ADT: 2016 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: 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																																
<b>GEOMETRIC DATA</b>		<b>CONDITION</b>																																
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: 20.00 ft 48. Length Max Span: 28.20 ft 49. Struct. Length: 30.80 ft		58. Deck: 5 Fair 62. Culvert: N/A (NBI) 59. Sup.: 6 Satisfactory 61. Chan./Chan. Prot.: 4 Protection Undermined 60. Sub: 4 Poor <b>Flowline Notes</b> 11'6" TOD, 4/07/2014 - 12' TOD, 4/7/2015 - 12' TOD on southwest corner, 4/8/2016 - 12' TOD on southwest corner, 4/6/2017 - 12 ft TOD,																																
<b>OKLAHOMA ITEMS</b>		<b>LOAD RATING AND POSTING</b>																																
200c. Temperature: 61 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: Cantilever b. Type of Found.: Bears on Natural Found. 209. Type of Pier/Found.: - / No 210. Foundation Elev.: <table border="1" style="display: inline-table; margin-right: 10px;"> <tr><td>-1.00</td><td>-1.00</td></tr> <tr><td>-1.00</td><td>-1.00</td></tr> </table> 211. Wear. Surf. Prot. Sys: Date Installed: 01/01/1901 213. Utilities Attached:		-1.00	-1.00	-1.00	-1.00	31. Design Load: Unknown 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>13.01</td> <td>21.05</td> <td>-1.00</td> <td>-1.00</td> <td>0.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>8.05</td> <td>12.02</td> <td>-1.00</td> <td>-1.00</td> <td></td> </tr> </tbody> </table> Date Rated: 04/15/2016				H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	13.01	21.05	-1.00	-1.00	0.00	66. Inventory Rating (tons):	8.05	12.02	-1.00	-1.00									
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66. Inventory Rating (tons):	8.05	12.02	-1.00	-1.00																														
<b>GEOMETRIC DATA</b>		<b>APPRAISAL</b>																																
50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 20.00 ft 52. Width Out to Out: 20.00 ft Deck Area: 616.01 sq. ft 53. Min. Vert. Cl. Ovr Brg: 99.99 ft 54a. Min. Vert. 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		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																																
<b>OKLAHOMA ITEMS</b>		<b>PROPOSED IMPROVEMENTS</b>																																
214a. Posted Weight Limit: 121212 b. Posted Speed Limit: NR c. Narrow/1way Brdg Sign: No d. Vertical Clr. Sign: NA Adv. Warning Sign: NA e. Navigation Lights?: No Working/Not Working: No 215. Overpass: ACCO 221. Substr. Cond. (U/W): 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: N/A 226. Date Painted: 227. Paint Color: -1 233. Deck Forming: - 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: 32.00 / 8		68. Deck Geom.: 5 Above Tolerable 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 5 Above Tolerable 72. Appr. Alignment: 8 Equal Desirable Crit 113. Scour Critical: 4 Stable, needs action 94. Bridge Cost: \$171,000 95. Roadway Cost: \$94,000 96. Total Cost: \$270,000 97. Yr. of Cost Est.: 2015 75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 109.6 ft 114. Future ADT: 80 115. Yr. of Future ADT: 2036																																
<b>OKLAHOMA ITEMS</b>		<b>NAVIGATION DATA</b>																																
214a. Posted Weight Limit: 121212 b. Posted Speed Limit: NR c. Narrow/1way Brdg Sign: No d. Vertical Clr. Sign: NA Adv. Warning Sign: NA e. Navigation Lights?: No Working/Not Working: No 215. Overpass: ACCO 221. Substr. Cond. (U/W): 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: N/A 226. Date Painted: 227. Paint Color: -1 233. Deck Forming: - 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: 32.00 / 8		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: 31 245. Girder Depth: 15.00 246a. Type of Overlay: Timber Runners b. Overlay Thickness: 2.50 c. Overlay Date: 04/08/2016 d. Ovlv Depth Changed >1": N 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?: - 250. Headwall: 254. Thru Truss Type: 257a. OkiePROS Truck Routing: - 258. Plans w/Found.in ODOT File: 259. Scour Eval. in ODOT File: 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00																																

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 13330	<b>Structure No.:</b> 27N3080E0150005	<b>Local ID:</b> 419	<b>Suff. Rating:</b> 35.00	<b>SD</b>
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Inspection Date: 4/5/18      Reported By: Stephen Reese

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Invoice No.: 427262      Inspected With: Donnie Head



**BRIDGE NOTES:**

PX NEEDS RIP-RAP placed at both abuts.

**INSPECTION NOTES:**      4/5/18

12 MONTHS DUE TO ABUT (north sign in trees). FX - Needs all BEMs put up.

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
31 / 1	Timber Deck	sq.ft	620.00	0%	0.00	100%	617.00	0%	0.00	0%	3.00
Runners barely visible. Soil overlay should be removed. Some minor defects noted below. Minor wear on runners noted. Three deck boards are rotted with holes. Mod. wear on runners see photos. Deck is now bare^ timbers spaced 3.5 inches apart. One deck board rotten on west side for 3 ft. Looks good below^ heavy deck timbers of 6 inch x 1 ft timber beams for decking.											
107 / 1	Steel Opn Girder/Beam	ft	248.00	0%	0.00	0%	0.00	100%	248.00	0%	0.00
Mod surface rust w/scaling overall. Traces of paint only. Light pitting on bottom of flanges.											
215 / 1	Re Conc Abutment	ft	40.00	0%	0.00	83%	33.00	18%	7.00	0%	0.00
Moderate deterioration on NE & NW near bottom at cold joint. Up to 2 inch loss of section. Moderate vertical crack near centerline each (photo of crack on north) abutment. Still serviceable. 3/8 IN CRACK DOWN CENTER OF BOTH ABUTS. Three cracks on N. abut at this time see photos. Moderate crack on south abut at mid width with a gap of .5 inch. Now footing exposed at north abut 6 inch full width and 24 inch of footing exposed at south abut full width.											
231 / 1	Steel Pier Cap	ft	40.00	0%	0.00	0%	0.00	100%	40.00	0%	0.00
LIGHT PITTING. HAS A 6 inch CHANNEL SETTING ON ABUTMENT UNDER BEAMS. Most of caps covered with soil between beams.											
510 / 1	Wearing Surfaces	sq.ft	248.00	0%	0.00	100%	248.00	0%	0.00	0%	0.00
Moderate wear on runners. HEavy wear on runners.											
870 / 1	Concrete Wingwall	(EA)	2.00	0%	0.00	100%	2.00	0%	0.00	0%	0.00
NW wing has 2 minor cracks at midwidth. SE wing has 2 minor spalls.											
961 / 1	Scour SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
PX-Footing on south exposed 12 to 22 inches. Initial undermining started on SW corner. A 3 foot area is undermined 4 inches. Needs rip rap at SW corner of abut to protect from further undermining. Now under mined 12 inches at S.W. corner. No change. Could not see undermining due to water level^ footing now exposed at north abut full width. No change.											
963 / 1	Steel Section Loss SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
PITTING ON CHANNEL IRON CAP. Light pitting on bottom of flanges of beams.											

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 14529	<b>Structure No.:</b> 27N2900E0260007	<b>Local ID:</b> 321	<b>Suff. Rating:</b> 32.00	<b>SD</b>
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**Bridge Description:** IDENTIFICATION

25ft. TIMBER SPAN, TEMP PIPES

1. State: Oklahoma	7. Facility Carried : N2900
2. Division: Division 4	6. Feat. Intersect: CREEK
3. County: GRANT	9. Location: 2E 2.3N OF CO.LINE/US81
4. City: Unknown	11. Mile Post: 0.700 mi
Admin Area: Cnty. District 3	13. LRS Inv. / Sub Rte: -1 / -1
5a. On/Under: Route On Structure	16. Latitude: 36° 37' 36.00"
5b. Kind of Hwy: County Hwy	17. Longitude: 097° 50' 24.00"
5c. Lvl of Svc: Mainline	98. Border Brdg: Unknown (P)
5d. Route No.: N2900	% Responsible: 0.00
5e. Dir. Sufx: N/A (NBI)	99. Border Brdg #: Unknown

INSPECTION					
Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.
NBI:		1	24 months	2/27/2018	02/27/2020
FC:	N	0	NA	NA	NA
UW:	N	0	NA	NA	NA
OS:	N	0	NA	NA	NA

CLASSIFICATION		
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.:	Temporary
22. Owner: County	104. Hwv System:	Not on NHS
26. Function Class: 09 Rural Local	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

**STRUCTURE TYPE AND MATERIALS**

43a/b. Main Span:	Wood or Timber / Stringer/Girder
44a/b. Appr. Span:	N/A / Not Applicable (P)
45. # of Main Spans:	1
46. # of Appr. Spans:	0
107. Deck Type:	Wood or Timber
108a. Wearing Surface:	Gravel
108b. Membrane:	None
108c. Deck protection:	None

**CONDITION**

58. Deck: 2 Critical	59. Sup.: 2 Critical	60. Sub: 2 Critical
62. Culvert: N/A (NBI)	61. Chan./Chan. Prot.:	7 Minor Damage

**Flowline Notes**

3FT FLOW TO TOP OF DECK \* 9/1/06 - FL TO DECK TOP = 3' \* 9-19-07: 3'  
6" FLOW DECK TOP. 3/16/2010 both pipes clear \*12\* pipes clr,

**AGE AND SERVICE**

19. Detour Length: 2.0 mi	106. Year Reconst.: -1
27. Year Built: 1960	109. Truck ADT: 10%
28a/b. Lanes on/und: 2 / 0	
29. ADT: 24	
30. Year of ADT: 2016	
42a/b. Type of Svc on/und: Highway	/ Waterway

**LOAD RATING AND POSTING**

31. Design Load: Unknown	Date Rated: 11/01/2005															
41. Post. Status: E Open, temp struct																
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="display: inline-table; border-collapse: collapse;"> <tr> <th>H</th> <th>HS</th> <th>3-3</th> <th>EV3</th> <th>SHV</th> </tr> <tr> <td style="text-align: center;">0.00</td> <td style="text-align: center;">0.00</td> <td style="text-align: center;">-1.00</td> <td style="text-align: center;">-1.00</td> <td style="text-align: center;">0.00</td> </tr> <tr> <td style="text-align: center;">0.00</td> <td style="text-align: center;">0.00</td> <td style="text-align: center;">-1.00</td> <td style="text-align: center;">-1.00</td> <td></td> </tr> </table>	H	HS	3-3	EV3	SHV	0.00	0.00	-1.00	-1.00	0.00	0.00	0.00	-1.00	-1.00	
H	HS	3-3	EV3	SHV												
0.00	0.00	-1.00	-1.00	0.00												
0.00	0.00	-1.00	-1.00													

**GEOMETRIC DATA**

10. Vert. Clearance: 99.99 ft	50a. Curb/Sdwk Width L: 0.00 ft
32. Appr Rwy Width: 20.00 ft	50b. Curb/Sdwk Width R: 0.00 ft
33. Median: No median	51. Width Curb to Curb: 18.00 ft
34. Skew: 0.00°	52. Width Out to Out: 18.00 ft
35. Struct. Flared: No flare	Deck Area: 452.08 sq. ft
47. Horizontal Clr: 18.00 ft	53. Min. Vert. Cl. Ovr Brg: 99.99 ft
48. Length Max Span: 23.00 ft	54a. Min. Vt. Undclr. Ref.: N Feature not hwy c
49. Struct. Length: 25.00 ft	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. Brgd Rail: 0 Substandard	68. Deck Geom.: 4 Tolerable
36b. Transition: 0 Substandard	69. Vert./Horiz. Undclr: Not applicable (NB)
36c. Appr. Rail: 0 Substandard	71. Waterway Adeq: 4 Tolerable
36d. Appr. Rail Ends: 0 Substandard	72. Appr. Alignment: 8 Equal Desirable Crit
67. Str Evaluation: 2 Intolerable - Repl	113. Scour Critical: 8 Stable Above Footin

**OKLAHOMA ITEMS**

200c. Temperature: 57					
200d. Weather: Cloudy					
201. Struc. Stl. ASTM Desig.: -1 / -1	214a. Posted Weight Limit: NR				
202. Waterprf. Membrane: -1	b. Posted Speed Limit: NR				
Date Installed: 01/01/1901	c. Narrow/1way Brgd Sign: No				
203. Type Exp. Device: -	d. Vertical Clr. Sign: No				
	Adv. Warning Sign: No				
204. Type of Railing: N/A	e. Navigation Lights?: No				
205. Material Quantity: -1.00	Working/Not Working: No				
208a. Type of Abutment: Timber Bulkhead	215. Overpass: ACCO				
b. Type of Found.: Timber Piling	221. Substr. Cond. (U/W): -				
209. Type of Pier/Found.: - / No	222. Fill Over RCB: -1				
	223. Appr. Slab/Rwy Cond.: 3				
210. Foundation Elev.: <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="text-align: center;">-1.00</td><td style="text-align: center;">-1.00</td></tr><tr><td style="text-align: center;">-1.00</td><td style="text-align: center;">-1.00</td></tr></table>	-1.00	-1.00	-1.00	-1.00	225. Paint Type/Ovrct: N/A
-1.00	-1.00				
-1.00	-1.00				
	N/A				
211. Wear. Surf. Prot. Sys: -	226. Date Painted: -1				
Date Installed: 01/01/1901	227. Paint Color: -1				
213. Utilities Attached:	233. Deck Forming: Conventional Forming				
	238. School Bus Rte.: Not Desired/Current rte.				
	240. Appr. Rwy Type.: Soil				
	243. Grdr Spacing/No.: 28.00 / -1				

**PROPOSED IMPROVEMENTS**

94. Bridge Cost: \$152,000	75. Type of Work: 31 Repl-Load Capacity
95. Roadway Cost: \$84,000	76. Lngth of Improvement: 97.9 ft
96. Total Cost: \$241,000	114. Future ADT: 38
97. Yr. of Cost Est.: 2015	115. Yr. of Future ADT: 2036

**NAVIGATION DATA**

38. Nav. Control: Permit Not Required	111. Pier Protect.: 1 Not Required
39. Vert. Clearance: 0.0 ft	116. Lift Bridge Vert. Clr.: 0.0 ft
40. Horiz. Clearance: 0.0 ft	

244. Span Lengths:	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="text-align: center;">24</td><td style="text-align: center;">-1</td><td style="text-align: center;">-1</td></tr><tr><td style="text-align: center;">-1</td><td style="text-align: center;">-1</td><td style="text-align: center;">-1</td></tr></table>	24	-1	-1	-1	-1	-1
24	-1	-1					
-1	-1	-1					
245. Girder Depth:	16.00						
246a. Type of Overlay: Soil							
b. Overlay Thickness:	3.00						
c. Overlay Date:	10/15/2004						
d. Ovlv Depth Changed >1":	N						
247. Protective Systems:	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 50px; height: 20px;"></td><td style="width: 50px; height: 20px;"></td></tr><tr><td style="width: 50px; height: 20px;"></td><td style="width: 50px; height: 20px;"></td></tr></table>						
248. # Field Splices w/ Corrosion:	-1						
249. Scour Crit. POA Exists?:	-						
250. Headwall:	-1.00						
254. Thru Truss Type:							
257a. OkiePROS Truck Routing:	-						
258. Plans w/Found. in ODOT File:							
259. Scour Eval. in ODOT File:							
263. Interchange at Intersection:	-						
264. Interstate Milepoint:	-1.00						



# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 14529	<b>Structure No.:</b> 27N2900E0260007	<b>Local ID:</b> 321	<b>Suff. Rating:</b> 32.00	<b>SD</b>
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Inspection Date: 2/27/18      Reported By: Stephen Reese

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Invoice No.: 427161      Inspected With:

**BRIDGE NOTES:**

**INSPECTION NOTES:**      2/27/18

(2) 3'X4X34' SQUASH PIPE WITH 1' COVER. Light rust on south pipe.

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
31 / 1	Timber Deck	sq.ft	450.00	0%	0.00	0%	0.00	0%	0.00	100%	450.00
3 inches of soil at this time.											
111 / 1	Timber Open Girder	ft	200.00	0%	0.00	0%	0.00	0%	0.00	100%	200.00
East FACIA BM LARGE SPLITS OTHER HAVE MOD SPLITS. #4-#6 BMS BROKEN 25% MIDSPAN. #7.8 LARGE SPLITS (SEE OLD PHOTO). ALL BEAMS HAVE LARGE SPLITS EXCEPT #4-#6 ARE 25% BROKEN AT KNOT HOLES.											
206 / 1	Timber Column	each	8.00	0%	0.00	0%	0.00	0%	0.00	100%	8.00
#1 90%^ #2 75%^ #3 25%^ #4 90%. ONLY 18IN OF PILES EXPOSED. CAN NOT SEE 4 NORTH PILES. ONLY 3FT DEEP. SOUTH ABUTMENT: #1-100% ROTTEN^ #2-75%^ #3-25%^ #4-90%.											
216 / 1	Timber Abutment	ft	36.00	0%	0.00	0%	0.00	0%	0.00	100%	36.00
Some decay noted on south. Probable on north.											
235 / 1	Timber Pier Cap	ft	36.00	0%	0.00	0%	0.00	0%	0.00	100%	36.00
Moderate decay on east end of south cap. Moderate splitting overall. North silted in.											
510 / 1	Wearing Surfaces	sq.ft	450.00	0%	0.00	0%	0.00	0%	0.00	100%	450.00
3 inches of soil at this time.											

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 14739	<b>Structure No.:</b> 27N3050E0100001	<b>Local ID:</b> 400	<b>Suff. Rating:</b> 62.50	<b>SD</b>
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<b>Bridge Description:</b> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">31ft. I-BEAM SPAN</div> <p>1. State: Oklahoma 2. Division: Division 4 3. County: GRANT 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.: N3050 5e. Dir. Sufx: N/A (NBI)</p> <p>7. Facility Carried : N3050 6. Feat. Intersect: DRY CREEK 9. Location: 1.W 3.9N OF SH74/SH11 11. Mile Post: 0.100 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 52' 07.52" 17. Longitude: 097° 34' 13.27" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown</p>	<p style="text-align: center;"><b>INSPECTION</b></p> <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>7/16/2018</td> <td>07/16/2020</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> <p style="text-align: center;"><b>CLASSIFICATION</b></p> <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: 09 Rural Local</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	7/16/2018	07/16/2020	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: 09 Rural Local	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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<p style="text-align: center;"><b>STRUCTURE TYPE AND MATERIALS</b></p> <p>43a/b. Main Span: Steel / Stringer/Girder 44a/b. Appr. Span: N/A / Not Applicable (P) 45. # of Main Spans: 1 46. # of Appr. Spans: 0 107. Deck Type: Wood or Timber 108a. Wearing Surface: Wood or Timber 108b. Membrane: None 108c. Deck protection: None</p>	<p style="text-align: center;"><b>CONDITION</b></p> <p>58. Deck: 4 Poor 62. Culvert: N/A (NBI) <b>Flowline Notes</b> 8/20/02 - Flowline to deck top = 7.7' sats channel profile * 6/9/03 - Flowline to deck top = 7.8' * 8/3/04 - Flowline to deck top = 7.6' * 8/17/06</p> <p>59. Sup.: 6 Satisfactory 60. Sub: 6 Satisfactory 61. Chan./Chan. Prot.: 6 Bank Slumping</p>
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<p style="text-align: center;"><b>AGE AND SERVICE</b></p> <p>19. Detour Length: 2.0 mi 27. Year Built: 1960 28a/b. Lanes on/und: 2 / 0 29. ADT: 24 30. Year of ADT: 2016 42a/b. Type of Svc on/und: Highway / Waterway</p> <p>106. Year Reconst.: -1 109. Truck ADT: 10%</p>	<p style="text-align: center;"><b>LOAD RATING AND POSTING</b></p> <p>31. Design Load: Unknown 41. Post. Status: P Posted for load 70. Posting: 1 30.0-39.9% below 63. Op / 65. Inv. Rating Meth.: 1 LF Load Factor / 1 LF Load Factor</p> <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>15.98</td> <td>25.02</td> <td>-1.00</td> <td>-1.00</td> <td>0.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>11.02</td> <td>14.99</td> <td>-1.00</td> <td>-1.00</td> <td></td> </tr> </tbody> </table> <p>63. Date Rated: 08/16/2016</p>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	15.98	25.02	-1.00	-1.00	0.00	66. Inventory Rating (tons):	11.02	14.99	-1.00	-1.00	
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66. Inventory Rating (tons):	11.02	14.99	-1.00	-1.00															

<p style="text-align: center;"><b>GEOMETRIC DATA</b></p> <p>10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 21.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 20.00 ft 48. Length Max Span: 29.60 ft 49. Struct. Length: 30.60 ft</p> <p>50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 20.00 ft 52. Width Out to Out: 20.00 ft Deck Area: 612.00 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</p>	<p style="text-align: center;"><b>APPRAISAL</b></p> <p>36a. Brgd Rail: 0 Substandard 36b. Transition: 0 Substandard 36c. Appr. Rail: 0 Substandard 36d. Appr. Rail Ends: 0 Substandard 67. Str Evaluation: 4 Minimum Tolerab</p> <p>68. Deck Geom.: 5 Above Tolerable 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</p>
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<p style="text-align: center;"><b>OKLAHOMA ITEMS</b></p> <p>200c. Temperature: 77 200d. Weather: Cloudy 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: Timber Bulkhead b. Type of Found.: Timber Piling 209. Type of Pier/Found.: - / No 210. Foundation Elev.: -1.00 -1.00 -1.00 211. Wear. Surf. Prot. Sys: Date Installed: 01/01/1901 213. Utilities Attached:</p>	<p>214a. Posted Weight Limit: 151515 b. Posted Speed Limit: NR c. Narrow/1way Brgd Sign: No d. Vertical Clr. Sign: No Adv. Warning Sign: No e. Navigation Lights?: No Working/Not Working: No 215. Overpass: ACCO 221. Substr. Cond. (U/W): 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: N/A N/A 226. Date Painted: 1960 227. Paint Color: -1 233. Deck Forming: - 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Soil 243. Grdr Spacing/No.: 34.00 / 8</p>
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<p style="text-align: center;"><b>PROPOSED IMPROVEMENTS</b></p> <p>94. Bridge Cost: \$171,000 95. Roadway Cost: \$94,000 96. Total Cost: \$270,000 97. Yr. of Cost Est.: 2015</p> <p>75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 109.6 ft 114. Future ADT: 38 115. Yr. of Future ADT: 2036</p>	<p style="text-align: center;"><b>NAVIGATION DATA</b></p> <p>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</p> <p>244. Span Lengths: 31</p> <p>245. Girder Depth: 13.00 246a. Type of Overlay: Timber Runners b. Overlay Thickness: 2.50 c. Overlay Date: 07/18/2016 d. Ovlv Depth Changed &gt;1": Y</p> <p>247. Protective Systems: 248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: - 250. Headwall: 254. Thru Truss Type: 257a. OkiePROS Truck Routing: - 258. Plans w/ Found. in ODOT File: 259. Scour Eval. in ODOT File: 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00</p>
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 14739	<b>Structure No.:</b> 27N3050E0100001	<b>Local ID:</b> 400	<b>Suff. Rating:</b> 62.50	<b>SD</b>
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Inspection Date: 7/16/18      Reported By: Stephen Reese

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Invoice No.: 427265      Inspected With: Brian Rauh



**BRIDGE NOTES:**

**INSPECTION NOTES:**      7/16/18

\* Posted 15 tons. FX - needs all BEMs put up. PX - deck needs

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
31 / 1	Timber Deck	sq.ft	620.00	0%	0.00	98%	608.00	0%	0.00	2%	12.00
Runners 3x12 3 wide each wheel path. Mod. wear on runners^ PX - 2 large holes on N. end outside of runners from deck boards spaced to far apart at 4in.. Deck has been repaired but still has wide spacing between deck timbers at each end.											
510 / 1	Wearing Surfaces	sq.ft	186.00	0%	0.00	99%	185.00	0%	0.00	1%	1.00
Moderate wear on runners. PX - runner missing at N end.											
107 / 1	Steel Opn Girder/Beam	ft	249.00	0%	0.00	0%	0.00	100%	249.00	0%	0.00
Hvy surface rust only. May be minor pitting on top flange. The deck boards move. not the cap. 3 pipe piles under steel cap. Beams not welded to new cap and piles. Lt. pitting on all beams. #1 beams at mid span has small tear on bottom flange not serious.											
202 / 1	Steel Column	each	6.00	0%	0.00	0%	0.00	100%	6.00	0%	0.00
Span length shortened to 26ft. between caps. Lt. pitting started on piles. Light pitting on piles^ top of pipe piles not caped off.											
918 / 1	St.(substr)Prot.Coat	(EA)	110.00	0%	0.00	0%	0.00	0%	0.00	100%	110.00
Heavy surface rust overall. Traces of paint only. 18in.x7.5in. I-BM; .35 web; .50 flange. Not much paint left on used caps. PX - Not much coating left.											
216 / 1	Timber Abutment	ft	40.00	0%	0.00	100%	40.00	0%	0.00	0%	0.00
Some decay noted. Very lt. Starting to be covered up by soil falling between gaps on deck.											
231 / 1	Steel Pier Cap	ft	40.00	0%	0.00	0%	0.00	100%	40.00	0%	0.00
Heavy surface rust overall. Traces of paint only. 18in.x7.5in. I-BM; .35 web; .50 flange. Top of caps have lt. to mod. pitting.											
963 / 1	Steel Section Loss SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
Pitting on beams^ piles^ and caps.											

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 21824	<b>Structure No.:</b> 27E0090N3020006	<b>Local ID:</b> 078	<b>Suff. Rating:</b> 35.00	<b>SD</b>
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<p><b>Bridge Description:</b> <u>IDENTIFICATION</u></p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">TEMP PIPES</div> <p>1. State: Oklahoma 2. Division: Division 4 3. County: GRANT 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.: E0090 5e. Dir. Sufx: East</p> <p>7. Facility Carried : E0090 6. Feat. Intersect: ELM CREEK 9. Location: 3.W 2.8S 2.6E OF RENFROW 11. Mile Post: 0.600 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 52' 59.65" 17. Longitude: 097° 36' 52.37" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown</p>	<p style="text-align: center;"><u>INSPECTION</u></p> <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>5/31/2017</td> <td>05/31/2019</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> </tbody> </table> <p style="text-align: center;"><u>CLASSIFICATION</u></p> <p>12. Base Hwy Net.: Not on Base Network 20. Toll Facility: On free road 21. Custodian: County 22. Owner: County 26. Function Class: 09 Rural Local 37. Historical Sig.: Not eligible for NRHP 100. Def. Hwy: Not a STRAHNET hwy</p> <p>101. Parallel Str.: No    bridge exists 102. Traffic Dir.: 2-way traffic 103. Temp. Str.: Temporary 104. Hwv System: Not on NHS 105. Fed Land Hwy: N/A (NBI) 110. Defense Hwy: Not a STRAHNET hwy 112. NBIS Length: Long Enough</p>	Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	5/31/2017	05/31/2019	FC:	N	0	NA	NA	NA	UW:	N	0	NA	NA	NA	OS:	N	0	NA	NA	NA
Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.																										
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FC:	N	0	NA	NA	NA																										
UW:	N	0	NA	NA	NA																										
OS:	N	0	NA	NA	NA																										

<p style="text-align: center;"><u>STRUCTURE TYPE AND MATERIALS</u></p> <p>43a/b. Main Span: Other / Other (NBI) 44a/b. Appr. Span: N/A / Not Applicable (P) 45. # of Main Spans: 2 46. # of Appr. Spans: 0 107. Deck Type: N/A (NBI) 108a. Wearing Surface: None 108b. Membrane: None 108c. Deck protection: None</p>	<p style="text-align: center;"><u>CONDITION</u></p> <p>58. Deck: 2 Critical 62. Culvert: N/A (NBI) <b>Flowline Notes</b> 6/1/01 - None * 8/24/09- CHANNEL N END RECENTLY CLEARED, 6/1/2015 - Pipes clear, 5/31/2017 - Pipes clear,</p> <p>59. Sup.: 2 Critical 61. Chan./Chan. Prot.: 5 Bank Prot Eroded 60. Sub: 2 Critical</p>
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<p style="text-align: center;"><u>AGE AND SERVICE</u></p> <p>19. Detour Length: 2.0 mi 27. Year Built: 1988 28a/b. Lanes on/und: 2 / 0 29. ADT: 50 30. Year of ADT: 2016 42a/b. Type of Svc on/und: Highway / Waterway</p> <p>106. Year Reconst.: -1 109. Truck ADT: 10%</p>	<p style="text-align: center;"><u>LOAD RATING AND POSTING</u></p> <p>31. Design Load: M 18 (H 20) 41. Post. Status: E Open, temp struct 70. Posting: 5 At/Above Legal Loads 63. Op / 65. Inv. Rating Meth.: 2 AS Allowable Stress / 2 AS Allowable Stress</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <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>0.00</td> <td>0.00</td> <td>-1.00</td> <td>-1.00</td> <td>0.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>0.00</td> <td>0.00</td> <td>-1.00</td> <td>-1.00</td> <td></td> </tr> </tbody> </table> <p>Date Rated: 05/10/1989</p>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	0.00	0.00	-1.00	-1.00	0.00	66. Inventory Rating (tons):	0.00	0.00	-1.00	-1.00	
	H	HS	3-3	EV3	SHV														
64. Operating Rating (tons):	0.00	0.00	-1.00	-1.00	0.00														
66. Inventory Rating (tons):	0.00	0.00	-1.00	-1.00															

<p style="text-align: center;"><u>GEOMETRIC DATA</u></p> <p>10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 20.00 ft 33. Median: No median 34. Skew: 45.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 34.50 ft 48. Length Max Span: 5.50 ft 49. Struct. Length: 30.00 ft</p> <p>50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 34.50 ft 52. Width Out to Out: 34.50 ft Deck Area: 1,033.34 sq. ft 53. Min. Vert. Cl. Ovr Brg: 99.99 ft 54a. Min. Vert. 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</p>	<p style="text-align: center;"><u>APPRAISAL</u></p> <p>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</p> <p>68. Deck Geom.: 9 Above Desirable Crit 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 5 Above Tolerable 72. Appr. Alignment: 8 Equal Desirable Crit 113. Scour Critical: 8 Stable Above Footin</p>
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<p style="text-align: center;"><u>OKLAHOMA ITEMS</u></p> <p>200c. Temperature: 87 200d. Weather: Ptly Cloudy 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: b. Type of Found.: 209. Type of Pier/Found.: - / No 210. Foundation Elev.: -1.00 -1.00 -1.00 211. Wear. Surf. Prot. Sys: Date Installed: 01/01/1901 213. Utilities Attached:</p>	<p style="text-align: center;"><u>PROPOSED IMPROVEMENTS</u></p> <p>94. Bridge Cost: \$100,000 95. Roadway Cost: \$75,000 96. Total Cost: \$225,000 97. Yr. of Cost Est.: 2015</p> <p>75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 107.7 ft 114. Future ADT: 80 115. Yr. of Future ADT: 2036</p> <p style="text-align: center;"><u>NAVIGATION DATA</u></p> <p>38. Nav. Control: Permit Not Required 39. Vert. Clearance: 0.0 ft 40. Horiz. Clearance: 0.0 ft</p> <p>111. Pier Protect.: 1 Not Required 116. Lift Bridge Vert. Clr.: 0.0 ft</p>
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<p>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</p> <p>215. Overpass: ACCO 221. Substr. Cond. (U/W): 222. Fill Over RCB: -1 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: N/A</p> <p>226. Date Painted: -1 227. Paint Color: -1 233. Deck Forming: 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Soil 243. Grdr Spacing/No.: -1.00 / -1</p>	<p>244. Span Lengths: -1 -1 -1 -1 -1 -1 -1 -1</p> <p>245. Girder Depth: -1.00 246a. Type of Overlay: NA b. Overlay Thickness: 0.00 c. Overlay Date: 01/01/1901 d. Ovlv Depth Changed &gt;1": 247. Protective Systems: 248. # Field Splices w/ Corrosion: -1 249. Scour Crit. POA Exists?: 250. Headwall: -1.00 254. Thru Truss Type: 257a. OkiePROS Truck Routing: - 258. Plans w/Found. in ODOT File: 259. Scour Eval. in ODOT File: 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00</p>
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b><u>NBI No.:</u></b> 21824	<b><u>Structure No.:</u></b> 27E0090N3020006	<b><u>Local ID:</u></b> 078	<b><u>Suff. Rating:</u></b> 35.00	<b>SD</b>
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Inspection Date: 5/31/17      Reported By: Stephen Reese  
Invoice No.: 427258      Inspected With:

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**BRIDGE NOTES:**

6X40,9X46 PIPES NOW IN PLACE

**INSPECTION NOTES:**      5/31/17

< none >

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 22742	<b>Structure No.:</b> 27E0020N3060006	<b>Local ID:</b> 021A	<b>Suff. Rating:</b> 39.90	<b>SD</b>
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<b>Bridge Description:</b> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">30ft. I-BEAM SPAN</div> <p>1. State: Oklahoma 2. Division: Division 4 3. County: GRANT 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.: E0020 5e. Dir. Sufx: East</p> <p>7. Facility Carried : E0020 6. Feat. Intersect: CREEK 9. Location: .2N5.7E4N.6E OF RENFROW 11. Mile Post: 0.600 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 59' 06.58" 17. Longitude: 097° 32' 30.59" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown</p>	<p style="text-align: center;"><b>INSPECTION</b></p> <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>4/5/2018</td> <td>04/05/2019</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> <p style="text-align: center;"><b>CLASSIFICATION</b></p> <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. Hwv System: Not on NHS</td> </tr> <tr> <td>26. Function Class: 09 Rural Local</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	12 months	4/5/2018	04/05/2019	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. Hwv System: Not on NHS	26. Function Class: 09 Rural Local	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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<p style="text-align: center;"><b>STRUCTURE TYPE AND MATERIALS</b></p> <p>43a/b. Main Span: Steel / Stringer/Girder 44a/b. Appr. Span: N/A / Not Applicable (P) 45. # of Main Spans: 1 46. # of Appr. Spans: 0 107. Deck Type: Wood or Timber 108a. Wearing Surface: Wood or Timber 108b. Membrane: None 108c. Deck protection: None</p>	<p style="text-align: center;"><b>CONDITION</b></p> <p>58. Deck: 7 Good 62. Culvert: N/A (NBI) <b>Flowline Notes</b> 8/24/09- FL TOD=15' 9/7/2010 13' TOD whole length 2011 14' 7/30/2012 14' TOD north side SAME 2013, 4/28/2014 - 15' TOR, 4/9/2015</p> <p>59. Sup.: 6 Satisfactory 60. Sub: 3 Serious 61. Chan./Chan. Prot.: 5 Bank Prot Eroded</p>
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<p style="text-align: center;"><b>AGE AND SERVICE</b></p> <p>19. Detour Length: 2.0 mi 27. Year Built: 1950 28a/b. Lanes on/und: 2 / 0 29. ADT: 50 30. Year of ADT: 2016 42a/b. Type of Svc on/und: Highway / Waterway</p> <p>106. Year Reconst.: 1991 109. Truck ADT: 10%</p>	<p style="text-align: center;"><b>LOAD RATING AND POSTING</b></p> <p>31. Design Load: M 18 (H 20) 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</p> <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>29.98</td> <td>47.95</td> <td>-1.00</td> <td>-1.00</td> <td>0.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>17.97</td> <td>28.00</td> <td>-1.00</td> <td>-1.00</td> <td></td> </tr> </tbody> </table> <p>63. Op / 65. Inv. Rating Meth.: 2 AS Allowable Stress / 2 AS Allowable Stress</p>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	29.98	47.95	-1.00	-1.00	0.00	66. Inventory Rating (tons):	17.97	28.00	-1.00	-1.00	
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66. Inventory Rating (tons):	17.97	28.00	-1.00	-1.00															

<p style="text-align: center;"><b>GEOMETRIC DATA</b></p> <p>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: 18.00 ft 48. Length Max Span: 28.50 ft 49. Struct. Length: 30.00 ft</p> <p>50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 18.00 ft 52. Width Out to Out: 18.00 ft Deck Area: 539.96 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</p>	<p style="text-align: center;"><b>APPRAISAL</b></p> <p>36a. Brgd Rail: 0 Substandard 36b. Transition: 0 Substandard 36c. Appr. Rail: 0 Substandard 36d. Appr. Rail Ends: 0 Substandard 67. Str Evaluation: 3 Intolerable - Corr</p> <p>68. Deck Geom.: 4 Tolerable 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 5 Above Tolerable 72. Appr. Alignment: 4 Minimum Tolerable 113. Scour Critical: 3 SC - Unstable</p>
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<p style="text-align: center;"><b>OKLAHOMA ITEMS</b></p> <p>200c. Temperature: 55 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: W-Beam 205. Material Quantity: 60.00 208a. Type of Abutment: Cantilever b. Type of Found.: Bears on Natural Found. 209. Type of Pier/Found.: - / No 210. Foundation Elev.: -1.00 -1.00 -1.00 -1.00 -1.00 211. Wear. Surf. Prot. Sys: Date Installed: 01/01/1901 213. Utilities Attached:</p>	<p>214a. Posted Weight Limit: NR b. Posted Speed Limit: NR c. Narrow/1way Brgd Sign: Missing d. Vertical Clr. Sign: NA Adv. Warning Sign: NA e. Navigation Lights?: No Working/Not Working: No 215. Overpass: ACCO 221. Substr. Cond. (U/W): 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: N/A N/A 226. Date Painted: 227. Paint Color: -1 233. Deck Forming: - 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: 22.00 / 13</p>
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<p style="text-align: center;"><b>PROPOSED IMPROVEMENTS</b></p> <p>94. Bridge Cost: \$168,000 95. Roadway Cost: \$92,000 96. Total Cost: \$265,000 97. Yr. of Cost Est.: 2015</p> <p>75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 107.7 ft 114. Future ADT: 80 115. Yr. of Future ADT: 2036</p>	<p style="text-align: center;"><b>NAVIGATION DATA</b></p> <p>38. Nav. Control: Permit Not Required 39. Vert. Clearance: 0.0 ft 40. Horiz. Clearance: 0.0 ft</p> <p>111. Pier Protect.: 1 Not Required 116. Lift Bridge Vert. Clr.: 0.0 ft</p>
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<p>244. Span Lengths: 30</p> <p>245. Girder Depth: 18.00 246a. Type of Overlay: Timber Runners b. Overlay Thickness: 2.50 c. Overlay Date: 04/08/2016 d. Ovlv Depth Changed &gt;1": N</p> <p>247. Protective Systems: _____ _____ _____</p> <p>248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: Yes 250. Headwall: 254. Thru Truss Type: 257a. OkiePROS Truck Routing: - 258. Plans w/Found. in ODOT File: 259. Scour Eval. in ODOT File: 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00</p>	<p>244. Span Lengths: 30</p> <p>245. Girder Depth: 18.00 246a. Type of Overlay: Timber Runners b. Overlay Thickness: 2.50 c. Overlay Date: 04/08/2016 d. Ovlv Depth Changed &gt;1": N</p> <p>247. Protective Systems: _____ _____ _____</p> <p>248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: Yes 250. Headwall: 254. Thru Truss Type: 257a. OkiePROS Truck Routing: - 258. Plans w/Found. in ODOT File: 259. Scour Eval. in ODOT File: 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00</p>
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 22742	<b>Structure No.:</b> 27E0020N3060006	<b>Local ID:</b> 021A	<b>Suff. Rating:</b> 39.90	<b>SD</b>
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Inspection Date: 4/5/18      Reported By: Stephen Reese

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Invoice No.: 427262      Inspected With: Donnie Head



**BRIDGE NOTES:**

\* Deck Controls Rating \* PX- 12 MONTH FREQ DUE TO 36" SCOUR W/NO UNDERMINING

**INSPECTION NOTES:**      4/5/18

FX- Narrow bridge on east approach only \*Scour needs corrected at both abut footings.

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
31 / 1	Timber Deck	sq.ft	540.00	0%	0.00	100%	540.00	0%	0.00	0%	0.00
Soil needs removed. Some discoloration below. Some wear noted on bare areas. 1 inch average soil overlay. Heavy wear in wheel lanes see photos. Deck bare at this time moderate wear^ bridge is double decked. Main deck has 6 inch X 24 inch bridge beams for deck and 2.5 inch X 12 inch timber runners.											
510 / 1	Wearing Surfaces	sq.ft	540.00	0%	0.00	100%	540.00	0%	0.00	0%	0.00
Moderate wear on runners 2.5 inch.											
107 / 1	Steel Opn Girder/Beam	ft	295.00	0%	0.00	0%	0.00	100%	295.00	0%	0.00
Heavy surface rust most areas. No measurable loss. Minor pitting throughout on beams. Light pitting on beams.											
111 / 1	Timber Open Girder	ft	89.00	0%	0.00	100%	89.00	0%	0.00	0%	0.00
Superficial weathering only.											
202 / 1	Steel Column	each	8.00	0%	0.00	0%	0.00	100%	8.00	0%	0.00
8 WING PILES RUST PREVALENT. Moderate pitting on used oilfield pipe for wing piles.											
215 / 1	Re Conc Abutment	ft	40.00	0%	0.00	100%	40.00	0%	0.00	0%	0.00
Some minor scaling & deterioration on east. Some light pattern cracking noted. East footing has heavy honeycombing but no cracking. Some spalls on lower areas from rip rap placement. Minor cracking throughout both abuts. 3 light vertical crack on west abut^ some moderate voids at footing on east abut up to 6 inches deep full width no steel noted.											
231 / 1	Steel Pier Cap	ft	36.00	0%	0.00	0%	0.00	100%	36.00	0%	0.00
8" channel on top of concrete abut to hold beams have mod pitting only.											
330 / 1	Metal Bridge Railing	ft	60.00	0%	0.00	67%	40.00	33%	20.00	0%	0.00
RAIL LOW AND WEAK^ Looks rough. Light surface rust. 20 ft of north rail leaning outward^ moderate surface rust.											
919 / 1	St.(Rail) Prot. Coat	(SF)	132.00	0%	0.00	0%	0.00	0%	0.00	100%	132.00
PX - No coating left. Light surface rust.											
870 / 1	Concrete Wingwall	(EA)	3.00	0%	0.00	100%	3.00	0%	0.00	0%	0.00
-1											
961 / 1	Scour SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
Footing on east exposed up to 30 inches. No undermining noted yet! Needs protection (photo) soon! West footing visible on north 2/3rds. Place on 12 month frequency. North end 3 foot of west footing is undermined (photo). Needs repair. PX- 36 inch SCOUR WITH NO UNDERMINING. Measured on south side. Now both abuts have 36 inch of footing exposed full width no undermining noted. No change.											
963 / 1	Steel Section Loss SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
Light pitting throughout beams. Pitting on piles.											

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 23382	<b>Structure No.:</b> 27E0110N2920001	<b>Local ID:</b> 096	<b>Suff. Rating:</b> 19.40	<b>SD</b>
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**Bridge Description:** IDENTIFICATION  
25ft. TIMBER SPAN, TEMP PIPE

1. State: Oklahoma	7. Facility Carried: E0110
2. Division: Division 4	6. Feat. Intersect: CREEK
3. County: GRANT	9. Location: 3N 3.9W OF US 81/SH11
4. City: Unknown	11. Mile Post: 0.100 mi
Admin Area: Cnty. District 1	13. LRS Inv. / Sub Rte: -1 / -1
5a. On/Under: Route On Structure	16. Latitude: 36° 51' 18.00"
5b. Kind of Hwy: County Hwy	17. Longitude: 097° 44' 54.00"
5c. Lvl of Svc: Mainline	98. Border Brdg: Unknown (P)
5d. Route No.: E0110	% Responsible: 0.00
5e. Dir. Sufx: East	99. Border Brdg #: Unknown

INSPECTION					
Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.
NBI:		1	24 months	3/14/2017	03/14/2019
FC:	N	0	NA	NA	NA
UW:	N	0	NA	NA	NA
OS:	N	0	NA	NA	NA

CLASSIFICATION		
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.: Temporary	
22. Owner: County	104. Hwv System: Not on NHS	
26. Function Class: 09 Rural Local	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	

**STRUCTURE TYPE AND MATERIALS**

43a/b. Main Span: Wood or Timber / Stringer/Girder  
44a/b. Appr. Span: N/A / Not Applicable (P)

45. # of Main Spans: 1  
46. # of Appr. Spans: 0  
107. Deck Type: Wood or Timber  
108a. Wearing Surface: Wood or Timber  
108b. Membrane: None  
108c. Deck protection: None

CONDITION		
58. Deck: 2 Critical	59. Sup.: 2 Critical	60. Sub: 2 Critical
62. Culvert: N/A (NBI)	61. Chan./Chan. Prot.: 5 Bank Prot Eroded	

TEMP. PIPE 5/24/2011 silted in half way, 3/18/2015 - Silted half way in, 3/14/2017 - Silted halfway in,

**AGE AND SERVICE**

19. Detour Length: 2.0 mi  
27. Year Built: 1940  
28a/b. Lanes on/und: 2 / 0  
29. ADT: 24  
30. Year of ADT: 2016  
42a/b. Type of Svc on/und: Highway / Waterway

106. Year Reconst.: -1  
109. Truck ADT: 10%

**LOAD RATING AND POSTING**

31. Design Load: Unknown  
41. Post. Status: E Open, temp struct  
70. Posting: 5 At/Above Legal Loads  
63. Op / 65. Inv. Rating Meth.: 2 AS Allowable Stress / 2 AS Allowable Stress

	<b>H</b>	<b>HS</b>	<b>3-3</b>	<b>EV3</b>	<b>SHV</b>
64. Operating Rating (tons):	0.00	0.00	-1.00	-1.00	0.00
66. Inventory Rating (tons):	0.00	0.00	-1.00	-1.00	

Date Rated: 06/09/1997

**GEOMETRIC DATA**

10. Vert. Clearance: 99.99 ft	50a. Curb/Sdwk Width L: 0.00 ft
32. Appr Rwy Width: 22.00 ft	50b. Curb/Sdwk Width R: 0.00 ft
33. Median: No median	51. Width Curb to Curb: 16.20 ft
34. Skew: 0.00°	52. Width Out to Out: 16.20 ft
35. Struct. Flared: No flare	Deck Area: 409.03 sq. ft
47. Horizontal Clr: 16.20 ft	53. Min. Vert. Cl. Ovr Brg: 99.99 ft
48. Length Max Span: 24.00 ft	54a. Min. Vt. Undclr. Ref.: N Feature not hwy c
49. Struct. Length: 25.00 ft	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: 0 Substandard	68. Deck Geom.: 3 Intolerable - Correct
36b. Transition: 0 Substandard	69. Vert./Horiz. Undclr: Not applicable (NB)
36c. Appr. Rail: 0 Substandard	71. Waterway Adeq: 6 Equal Minimum
36d. Appr. Rail Ends: 0 Substandard	72. Appr. Alignment: 8 Equal Desirable Crit
67. Str Evaluation: 2 Intolerable - Repl	113. Scour Critical: 8 Stable Above Footin

**OKLAHOMA ITEMS**

200c. Temperature: 31  
200d. Weather: Ptly Cloudy  
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: Timber Bulkhead  
b. Type of Found.: Timber Piling  
209. Type of Pier/Found.: - / No  
210. Foundation Elev.:  
-1.00 -1.00  
-1.00 -1.00 -1.00  
211. Wear. Surf. Prot. Sys:  
Date Installed: 01/01/1901  
213. Utilities Attached:

214a. Posted Weight Limit: NR  
b. Posted Speed Limit: NR  
c. Narrow/1way Brdg Sign: No  
d. Vertical Clr. Sign: NA  
Adv. Warning Sign: NA  
e. Navigation Lights?: No  
Working/Not Working: No  
215. Overpass: ACCO  
221. Substr. Cond. (U/W):  
222. Fill Over RCB: -1  
223. Appr. Slab/Rwy Cond.: 3  
225. Paint Type/Ovrct: N/A  
N/A  
226. Date Painted: 1940  
227. Paint Color: -1  
233. Deck Forming:  
238. School Bus Rte.: Not Desired/Current rte.  
240. Appr. Rwy Type.: Gravel  
243. Grdr Spacing/No.: 14.00 / -1

**PROPOSED IMPROVEMENTS**

94. Bridge Cost: \$152,000	75. Type of Work: 31 Repl-Load Capacity
95. Roadway Cost: \$84,000	76. Lngth of Improvement: 97.9 ft
96. Total Cost: \$241,000	114. Future ADT: 38
97. Yr. of Cost Est.: 2015	115. Yr. of Future ADT: 2036

**NAVIGATION DATA**

38. Nav. Control: Permit Not Required	111. Pier Protect.: 1 Not Required
39. Vert. Clearance: 0.0 ft	116. Lift Bridge Vert. Clr.: 0.0 ft
40. Horiz. Clearance: 0.0 ft	

244. Span Lengths: -1 -1 -1 -1 -1	245. Girder Depth: 13.00
	246a. Type of Overlay: NA
	b. Overlay Thickness: 0.00
	c. Overlay Date: 01/01/1901
	d. Ovlv Depth Changed >1": -
	247. Protective Systems: - -
	248. # Field Splices w/ Corrosion: -1
	249. Scour Crit. POA Exists?: -
	250. Headwall: -1.00
	254. Thru Truss Type: 257a. OkiePROS Truck Routing: -
	258. Plans w/Found.in ODOT File: 259. Scour Eval. in ODOT File: 263. Interchange at Intersection: -
	264. Interstate Milepoint: -1.00

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 23382	<b>Structure No.:</b> 27E0110N2920001	<b>Local ID:</b> 096	<b>Suff. Rating:</b> 19.40	<b>SD</b>
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Inspection Date: 3/14/17      Reported By: Stephen Reese

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Invoice No.: 427356      Inspected With:

**BRIDGE NOTES:**

**INSPECTION NOTES:**      3/14/17

NORTH END OF PIPE 5FT FLOOR GONE. FLOOR IS NOW 2/3RDS GONE. Silted in. Moderate drift in pipe, should wash out.

Moderate exfol on lower 2' full length. 4/10/2017 - J.W. - Rating date is before 2000 due to pipe in place.

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
31 / 1	Timber Deck	sq.ft	405.00	0%	0.00	0%	0.00	0%	0.00	100%	405.00
-1											
111 / 1	Timber Open Girder	ft	375.00	0%	0.00	0%	0.00	0%	0.00	100%	375.00
-1											
206 / 1	Timber Column	each	6.00	0%	0.00	0%	0.00	0%	0.00	100%	6.00
-1											
216 / 1	Timber Abutment	ft	32.00	0%	0.00	0%	0.00	0%	0.00	100%	32.00
-1											
235 / 1	Timber Pier Cap	ft	32.00	0%	0.00	0%	0.00	0%	0.00	100%	32.00
-1											

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 23446	<b>Structure No.:</b> 27N3070E0260006	<b>Local ID:</b> 415	<b>Suff. Rating:</b> 87.80	<b>ND</b>																														
<b>Bridge Description:</b> 3-9ft. X 40ft. TANK CARS		<b>IDENTIFICATION</b>																																
1. State: Oklahoma 2. Division: Division 4 3. County: GRANT 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.: N3070 5e. Dir. Sufx: North		7. Facility Carried : N3070 6. Feat. Intersect: CREEK 9. Location: .3N 3.1E .6S OF SALT FORK 11. Mile Post: 0.600 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 37' 43.90" 17. Longitude: 097° 32' 04.38" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown																																
<b>STRUCTURE TYPE AND MATERIALS</b>		<b>INSPECTION</b>																																
43a/b. Main Span: Steel / Culvert 44a/b. Appr. Span: N/A / Not Applicable (P) 45. # of Main Spans: 3 46. # of Appr. Spans: 0 107. Deck Type: N/A (NBI) 108a. Wearing Surface: None 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>24 months</td> <td>5/10/2017</td> <td>05/10/2019</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>			Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	5/10/2017	05/10/2019	FC:	N	0	NA	NA	NA	UW:	N	0	NA	NA	NA	OS:	N	0	NA	NA	NA
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<b>AGE AND SERVICE</b>		<b>CLASSIFICATION</b>																																
19. Detour Length: 2.0 mi 27. Year Built: 1993 28a/b. Lanes on/und: 2 / 0 29. ADT: 100 30. Year of ADT: 2016 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: County 22. Owner: County 26. Function Class: 09 Rural Local 37. Historical Sig.: Not eligible for NRHP 100. Def. Hwy: Not a STRAHNET hwy																																
<b>GEOMETRIC DATA</b>		<b>CONDITION</b>																																
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: 18.00 ft 48. Length Max Span: 8.86 ft 49. Struct. Length: 35.11 ft		58. Deck: N/A (NBI) 62. Culvert: 7 Minor Deterior 59. Sup.: N N/A (NBI) 61. Chan./Chan. Prot.: 7 Minor Damage 60. Sub: N N/A (NBI)																																
<b>OKLAHOMA ITEMS</b>		<b>LOAD RATING AND POSTING</b>																																
200c. Temperature: 70 200d. Weather: Cloudy 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.: - / No 210. Foundation Elev.: <table border="1" style="display: inline-table; margin-right: 10px;"> <tr><td>-1.00</td><td>-1.00</td></tr> <tr><td>-1.00</td><td>-1.00</td></tr> </table> 211. Wear. Surf. Prot. Sys: Date Installed: 01/01/1901 213. Utilities Attached:		-1.00	-1.00	-1.00	-1.00	31. Design Load: M 13.5 (H 15) 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;"> <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>23.04</td> <td>36.05</td> <td>-1.00</td> <td>-1.00</td> <td>0.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>14.99</td> <td>27.01</td> <td>-1.00</td> <td>-1.00</td> <td></td> </tr> </tbody> </table>				H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	23.04	36.05	-1.00	-1.00	0.00	66. Inventory Rating (tons):	14.99	27.01	-1.00	-1.00									
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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 221. Substr. Cond. (U/W): 222. Fill Over RCB: -1 223. Appr. Slab/Rwy Cond.: 2 225. Paint Type/Ovrct: N/A 226. Date Painted: -1 227. Paint Color: -1 233. Deck Forming: 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: -1.00 / -1		<b>APPRAISAL</b>																																
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<b>NAVIGATION DATA</b>		<b>PROPOSED IMPROVEMENTS</b>																																
38. Nav. Control: Permit Not Required 39. Vert. Clearance: 0.0 ft 40. Horiz. Clearance: 0.0 ft		68. Deck Geom.: 4 Tolerable 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 6 Equal Minimum 72. Appr. Alignment: 8 Equal Desirable Crit 113. Scour Critical: 8 Stable Above Footin																																
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: 117.3 ft 114. Future ADT: 160 115. Yr. of Future ADT: 2036																																

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 23446	<b>Structure No.:</b> 27N3070E0260006	<b>Local ID:</b> 415	<b>Suff. Rating:</b> 87.80	<b>ND</b>
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Inspection Date: 5/10/17      Reported By: Stephen Reese

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Invoice No.: 427258      Inspected With:

**BRIDGE NOTES:**

**INSPECTION NOTES:**      5/10/17

< none >

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
240 / 1	Steel Culvert	ft	121.00	0%	0.00	100%	121.00	0%	0.00	0%	0.00
Mod surf rust on inverts. Some egging on center barrel. INSIDES ARE NOT COATED. Moderate surface rust. Heavy surface rust on bottom of pipes.											
965 / 1	Debris SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
Large tree blocking south pipe.											

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 24832	<b>Structure No.:</b> 27N2770E0020007	<b>Local ID:</b> 263A	<b>Suff. Rating:</b> 53.30	<b>SD</b>																														
<b>Bridge Description:</b> 28ft. DBL RR FLATCAR SPAN		<b>IDENTIFICATION</b>																																
1. State: Oklahoma 2. Division: Division 4 3. County: GRANT 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.: N2770 5e. Dir. Sufx: North		7. Facility Carried : N2770 6. Feat. Intersect: CREEK 9. Location: 2W 1.3S OF MANCHESTER 11. Mile Post: 0.700 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 58' 32.10" 17. Longitude: 098° 04' 30.85" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown																																
<b>STRUCTURE TYPE AND MATERIALS</b>		<b>INSPECTION</b>																																
43a/b. Main Span: Steel / Other (NBI) 44a/b. Appr. Span: N/A / Not Applicable (P) 45. # of Main Spans: 1 46. # of Appr. Spans: 0 107. Deck Type: Steel Plate 108a. Wearing Surface: None 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>24 months</td> <td>3/16/2017</td> <td>03/16/2019</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>			Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	3/16/2017	03/16/2019	FC:	N	0	NA	NA	NA	UW:	N	0	NA	NA	NA	OS:	N	0	NA	NA	NA
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<b>AGE AND SERVICE</b>		<b>CLASSIFICATION</b>																																
19. Detour Length: 2.0 mi 27. Year Built: 1996 28a/b. Lanes on/und: 2 / 0 29. ADT: 24 30. Year of ADT: 2016 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: County 22. Owner: County 26. Function Class: 09 Rural Local 37. Historical Sig.: Not eligible for NRHP 100. Def. Hwy: Not a STRAHNET hwy																																
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10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 18.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 20.30 ft 48. Length Max Span: 26.90 ft 49. Struct. Length: 27.90 ft		58. Deck: 6 Satisfactory 62. Culvert: N/A (NBI) 59. Sup.: 6 Satisfactory 61. Chan./Chan. Prot.: 6 Bank Slumping 60. Sub: 6 Satisfactory 101. Parallel Str.: No    bridge exists 102. Traffic Dir.: 2-way traffic 103. Temp. Str.: Not Applicable (P) 104. Hwv System: Not on NHS 105. Fed Land Hwy: N/A (NBI) 110. Defense Hwy: Not a STRAHNET hwy 112. NBIS Length: Long Enough																																
<b>OKLAHOMA ITEMS</b>		<b>LOAD RATING AND POSTING</b>																																
200c. Temperature: 34 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: Skeleton b. Type of Found.: Steel Piling 209. Type of Pier/Found.: - / No 210. Foundation Elev.: <table border="1" style="display: inline-table; margin-right: 10px;"> <tr><td>-1.00</td><td>-1.00</td></tr> <tr><td>-1.00</td><td>-1.00</td></tr> </table> 211. Wear. Surf. Prot. Sys: Date Installed: 01/01/1901 213. Utilities Attached:		-1.00	-1.00	-1.00	-1.00	31. Design Load: Unknown 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 Date Rated: 03/19/2017 <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>5.95</td> <td>12.02</td> <td>-1.00</td> <td>-1.00</td> <td>0.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>4.96</td> <td>9.04</td> <td>-1.00</td> <td>-1.00</td> <td></td> </tr> </tbody> </table>				H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	5.95	12.02	-1.00	-1.00	0.00	66. Inventory Rating (tons):	4.96	9.04	-1.00	-1.00									
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<b>NAVIGATION DATA</b>		<b>APPRAISAL</b>																																
214a. Posted Weight Limit: 060606 b. Posted Speed Limit: NR c. Narrow/1way Brdg Sign: No d. Vertical Clr. Sign: NA Adv. Warning Sign: NA e. Navigation Lights?: No Working/Not Working: No 215. Overpass: ACCO 221. Substr. Cond. (U/W): 222. Fill Over RCB: -1 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: Red Lead 3 Coat System N/A 226. Date Painted: 1996 227. Paint Color: Brown 233. Deck Forming: 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Soil 243. Grdr Spacing/No.: -1.00 / 2		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.: 5 Above Tolerable 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 8 Equal Desirable 72. Appr. Alignment: 8 Equal Desirable Crit 113. Scour Critical: 8 Stable Above Footin																																
<b>PROPOSED IMPROVEMENTS</b>		<b>NAVIGATION DATA</b>																																
94. Bridge Cost: \$162,000 95. Roadway Cost: \$89,000 96. Total Cost: \$256,000 97. Yr. of Cost Est.: 2015		75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 103.9 ft 114. Future ADT: 38 115. Yr. of Future ADT: 2036																																
<b>NAVIGATION DATA</b>		<b>PROPOSED IMPROVEMENTS</b>																																
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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# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 24832	<b>Structure No.:</b> 27N2770E0020007	<b>Local ID:</b> 263A	<b>Suff. Rating:</b> 53.30	<b>SD</b>
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Inspection Date: 3/16/17      Reported By: Stephen Reese

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Invoice No.: 427356      Inspected With:

**BRIDGE NOTES:**

STEEL GRID 3FT X 28FT = 84 SQ. FT. 2-6 TON SIGNS.

**INSPECTION NOTES:**      3/16/17

Put up 6 ton sign.

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
28 / 1	Steel Deck - Open Grid	sq.ft	84.00	0%	0.00	100%	84.00	0%	0.00	0%	0.00
Good cond. Needs additional braces added.											
30 / 1	Steel Deck - Orthotropic	sq.ft	484.00	0%	0.00	0%	0.00	100%	484.00	0%	0.00
Some mod pitting on N 1/3 of each car. Not serious. Some soil on edges. Deep pitting near grid on north end.											
102 / 1	Steel Clsd Box Gird	ft	56.00	0%	0.00	0%	0.00	100%	56.00	0%	0.00
Mod surf rust most areas. Some hvy rust on secondary members. Light pitting on bottom flanges.											
202 / 1	Steel Column	each	15.00	0%	0.00	67%	10.00	33%	5.00	0%	0.00
5 WING PILES Mod surf rust. No section loss. Moderate pitting on used oilfield pipe for wing piles.											
219 / 1	Stl Abutment	ft	42.00	100%	42.00	0%	0.00	0%	0.00	0%	0.00
No deterioration. Moderate staining on lower areas.											
231 / 1	Steel Pier Cap	ft	42.00	100%	42.00	0%	0.00	0%	0.00	0%	0.00
Mod surf rust all areas.											
515 / 1	Steel Protective Coating	sq.ft	610.00	0%	0.00	0%	0.00	100%	610.00	0%	0.00
Mod surf rust most areas. Some hvy rust on secondary members. Paint flaking.											
918 / 1	St.(substr)Prot.Coat	(EA)	1,182.00	0%	0.00	100%	1,182.00	0%	0.00	0%	0.00
No deterioration. Light staining. Moderate staining on lower areas.											
963 / 1	Steel Section Loss SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
Pitting on steel deck and wing piles and beams.											

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 25184	<b>Structure No.:</b> 27E0290N2770001	<b>Local ID:</b> 259AA	<b>Suff. Rating:</b> 40.00	<b>SD</b>
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<b>Bridge Description:</b> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">30ft. DBL RR FLATCAR SPAN</div> <p>1. State: Oklahoma 2. Division: Division 4 3. County: GRANT 4. City: Unknown Admin Area: Cnty. District 3 5a. On/Under: Route On Structure 5b. Kind of Hwy: County Hwy 5c. Lvl of Srvc: Mainline 5d. Route No.: E0290 5e. Dir. Sufx: N/A (NBI)</p> <p>7. Facility Carried : E0290 6. Feat. Intersect: CREEK 9. Location: .3W 5S .9W OF NASH 11. Mile Post: 0.100 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 35' 36.58" 17. Longitude: 098° 04' 20.67" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown</p>	<p style="text-align: center;"><b>INSPECTION</b></p> <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>7/17/2018</td> <td>07/17/2020</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> <p style="text-align: center;"><b>CLASSIFICATION</b></p> <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: 09 Rural Local</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	7/17/2018	07/17/2020	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: 09 Rural Local	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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<p style="text-align: center;"><b>STRUCTURE TYPE AND MATERIALS</b></p> <p>43a/b. Main Span: Steel / Multiple Box Beam 44a/b. Appr. Span: N/A / Not Applicable (P) 45. # of Main Spans: 2 46. # of Appr. Spans: 0 107. Deck Type: Steel Plate 108a. Wearing Surface: None 108b. Membrane: None 108c. Deck protection: None</p>	<p style="text-align: center;"><b>CONDITION</b></p> <p>58. Deck: 6 Satisfactory 62. Culvert: N/A (NBI) <b>Flowline Notes</b> 16FT 6IN FLOW TO TOP OF CURB *10*, 16' TOC, 7/28/2014 - 15' TOC, 7/20/2016 - 15' TOC, 7/18/18 - 16ft TOD.</p> <p>59. Sup.: 6 Satisfactory 61. Chan./Chan. Prot.: 5 Bank Prot Eroded 60. Sub: 5 Fair</p>
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<p style="text-align: center;"><b>AGE AND SERVICE</b></p> <p>19. Detour Length: 2.0 mi 27. Year Built: 1941 28a/b. Lanes on/und: 2 / 0 29. ADT: 25 30. Year of ADT: 2016 42a/b. Type of Svc on/und: Highway / Waterway</p> <p>106. Year Reconst.: -1 109. Truck ADT: 10%</p>	<p style="text-align: center;"><b>LOAD RATING AND POSTING</b></p> <p>31. Design Load: M 18 (H 20) 41. Post. Status: P Posted for load 70. Posting: 0 &gt;39.9% below 63. Op / 65. Inv. Rating Meth.: 2 AS Allowable Stress / 2 AS Allowable Stress</p> <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>5.00</td> <td>9.00</td> <td></td> <td>3.00</td> <td>5.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>3.00</td> <td>5.00</td> <td></td> <td>2.00</td> <td></td> </tr> </tbody> </table> <p style="text-align: right;">Date Rated: 08/07/2018</p>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	5.00	9.00		3.00	5.00	66. Inventory Rating (tons):	3.00	5.00		2.00	
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<p style="text-align: center;"><b>GEOMETRIC DATA</b></p> <p>10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 20.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 20.20 ft 48. Length Max Span: 28.80 ft 49. Struct. Length: 29.70 ft</p> <p>50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 20.20 ft 52. Width Out to Out: 20.70 ft Deck Area: 614.78 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</p>	<p style="text-align: center;"><b>APPRAISAL</b></p> <p>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</p> <p>68. Deck Geom.: 5 Above Tolerable 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 6 Equal Minimum 72. Appr. Alignment: 8 Equal Desirable Crit 113. Scour Critical: 7 Countermeasures</p>
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<p style="text-align: center;"><b>OKLAHOMA ITEMS</b></p> <p>200c. Temperature: 80 200d. Weather: Cloudy 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: Skeleton b. Type of Found.: Steel Piling 209. Type of Pier/Found.: - / No 210. Foundation Elev.: -1.00 -1.00 -1.00 211. Wear. Surf. Prot. Sys: Date Installed: 01/01/1901 213. Utilities Attached:</p>	<p style="text-align: center;"><b>PROPOSED IMPROVEMENTS</b></p> <p>94. Bridge Cost: \$167,000 95. Roadway Cost: \$92,000 96. Total Cost: \$265,000 97. Yr. of Cost Est.: 2015</p> <p>75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 107.4 ft 114. Future ADT: 40 115. Yr. of Future ADT: 2036</p> <p style="text-align: center;"><b>NAVIGATION DATA</b></p> <p>38. Nav. Control: Permit Not Required 39. Vert. Clearance: 0.0 ft 40. Horiz. Clearance: 0.0 ft</p> <p>111. Pier Protect.: 1 Not Required 116. Lift Bridge Vert. Clr.: 0.0 ft</p>
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<p>214a. Posted Weight Limit: 040404 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 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: 1941 227. Paint Color: Brown 233. Deck Forming: 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Soil 243. Grdr Spacing/No.: / 2</p>	<p>244. Span Lengths: 30</p> <p>245. Girder Depth: 246a. Type of Overlay: NA b. Overlay Thickness: 0.00 c. Overlay Date: 01/01/1901 d. Ovlv Depth Changed &gt;1": - 247. Protective Systems: 248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: Yes 250. Headwall: 254. Thru Truss Type: 257a. OkiePROS Truck Routing: - 258. Plans w/Found. in ODOT File: 259. Scour Eval. in ODOT File: 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00</p>
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 25184	<b>Structure No.:</b> 27E0290N2770001	<b>Local ID:</b> 259AA	<b>Suff. Rating:</b> 40.00	<b>SD</b>
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Inspection Date: 7/17/18      Reported By: Stephen Reese

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Invoice No.: 427265      Inspected With: Bill Petoom



**BRIDGE NOTES:**

**INSPECTION NOTES:**      7/17/18

\* structure washed out in flood and county rebuilt w/abut & wings and repaired East abut. 4 piles visible \*

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
28 / 1	Steel Deck - Open Grid	sq.ft	89.00	0%	0.00	0%	0.00	100%	89.00	0%	0.00
Minor defects only. Minor pitting.											
30 / 1	Steel Deck - Orthotropic	sq.ft	517.00	0%	0.00	0%	0.00	100%	517.00	0%	0.00
Some mod. pitting in some areas. Light pitting throughout deck.											
102 / 1	Steel Clsd Box Gird	ft	60.00	0%	0.00	0%	0.00	100%	60.00	0%	0.00
MOD surf rust most areas. Light pitting on areas on girders. Minor pitting throughout											
515 / 1	Steel Protective Coating	sq.ft	660.00	0%	0.00	0%	0.00	0%	0.00	100%	660.00
MOD surf rust most areas. PX - No paint left.											
202 / 1	Steel Column	each	15.00	0%	0.00	0%	0.00	100%	15.00	0%	0.00
COULD NOT SEE STEEL PILES AT EAST ABUT.; all piles have mod. exfol at ground line upxo 3ft.^ 12 wing piles. Mod. pitting on old oilfield pipe. #4 on west abut has deep pitting 2ft. from ground level up to 1/16 deep. All E piles are behind abut sheeting.											
219 / 1	Stl Abutment	ft	40.00	0%	0.00	0%	0.00	100%	40.00	0%	0.00
No deterioration. Mod. exfol at ground line of both abuts. E. abut buldging in 8in. in some areas. No holes noted.											
918 / 1	St.(substr)Prot.Coat	(EA)	1,800.00	0%	0.00	0%	0.00	0%	0.00	100%	1,800.00
No deterioration. Coating has failed at ground line. PX - No coating on lower areas.											
234 / 1	Re Conc Pier Cap	ft	40.00	100%	40.00	0%	0.00	0%	0.00	0%	0.00
No defects. Roughly poured w/ground as form (has a HP 10 x 42 encased in cap).											
871 / 1	Steel Wingwall	(EA)	4.00	0%	0.00	100%	4.00	0%	0.00	0%	0.00
Lt surf rust.											
963 / 1	Steel Section Loss SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
all piles w. abut have mod. exfol and exfol on both abuts. Light pitting throughout deck^ light pitting in areas on girders.											