

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 03204	<b>Structure No.:</b> 60E0685N3410003	<b>Local ID:</b> 002 1	<b>Suff. Rating:</b> 18.60	<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;">112ft. PONY TRUSS &amp; 53ft. PONY TRUSS SPANS</div> <p>1. State: Oklahoma      7. Facility Carried : 86TH ST.                  2. Division: Division 4      6. Feat. Intersect: STILLWATER CREEK                  3. County: PAYNE      9. Location: 86TH ST &amp; MEHAN RD 0.9E                  4. City: Unknown      11. Mile Post: 0.300 mi                  Admin Area: Cnty. District 1      13. LRS Inv. / Sub Rte: -1 / -1                  5a. On/Under: Route On Structure      16. Latitude: 36° 01' 21.31"                  5b. Kind of Hwy: County Hwy      17. Longitude: 096° 55' 20.66"                  5c. Lvl of Svc: Mainline      98. Border Brdg: Unknown (P)                  5d. Route No.: E0685      % Responsible: 0.00                  5e. Dir. Sufx: N/A (NBI)      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>10/4/2021</td> <td>10/04/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>	Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	10/4/2021	10/04/2023	FC:	N	0		NA	NA	UW:	N	0		NA	NA	OS:	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 / Truss-Thru                  44a/b. Appr. Span: Unknown / Unknown (P)                  45. # of Main Spans: 2                  46. # of Appr. Spans: 0                  107. Deck Type: Steel Plate                  108a. Wearing Surface: Bituminous                  108b. Membrane: None                  108c. Deck protection: None</p>	<p style="text-align: center;"><b>CONDITION</b></p> <p>58. Deck: 5 Fair      59. Sup.: 5 Fair      60. Sub: 4 Poor                  62. Culvert: N/A (NBI)      61. Chan./Chan. Prot.: 5 Bank Prot Eroded</p> <p><b>Flowline Notes</b></p> <div style="border: 1px solid black; padding: 2px;">2017, FL = 30.0ft to S TOD 09-01-16 - 28.9ft FL to TOD</div>
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<p style="text-align: center;"><b>AGE AND SERVICE</b></p> <p>19. Detour Length: 3.0 mi      106. Year Reconst.:                  27. Year Built: 1930      109. Truck ADT: 10%</p> <p>28a/b. Lanes on/und: 1 / 0                  29. ADT: 75                  30. Year of ADT: 2019                  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: Unknown      Date Rated: 03/08/2010                  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></td> <td></td> <td></td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>0.00</td> <td>0.00</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	0.00	0.00				66. Inventory Rating (tons):	0.00	0.00			
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<p style="text-align: center;"><b>GEOMETRIC DATA</b></p> <p>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: 13.60 ft                  34. Skew: 0.00°      52. Width Out to Out: 13.60 ft                  35. Struct. Flared: No flare      Deck Area: 2,243.85 sq. ft                  47. Horizontal Clr: 13.92 ft      53. Min. Vert. Cl. Ovr Brg: 99.99 ft                  54a. Min. Vt. Undclr. Ref.: N Feature not hwy c                  48. Length Max Span: 111.60 ft      54b. Min. Vert. Undclr.: 0.00 ft                  49. Struct. Length: 165.00 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      68. Deck Geom.: 5 Above Tolerable                  36b. Transition: 0 Substandard      69. Vert./Horiz. Undclr: Not applicable (NB)                  36c. Appr. Rail: 0 Substandard      71. Waterway Adeq: 5 Above Tolerable                  36d. Appr. Rail Ends: 0 Substandard      72. Appr. Alignment: 3 Intolerable - Correct                  67. Str Evaluation: 0 Closed      113. Scour Critical: 4 Stable, needs action</p>
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<p style="text-align: center;"><b>OKLAHOMA ITEMS</b></p> <p>200c. Temperature: 69                  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: Metal Railing (other)                  205. Material Quantity: -1.00                  208a. Type of Abutment: Pedestal                  b. Type of Found.: Bears on Natural Found.                  209. Type of Pier/Found.: 2 / No                  No Piling/Drilled Shaft                  210. Foundation Elev.:  <table border="1" style="width: 100%; border-collapse: collapse;"> <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                  211c. Silane Reapplied                  211d. Date:                  213. Utilities Attached:</p>	-1.00	-1.00	-1.00	-1.00	<p>214a. Posted Weight Limit: CLOSED                  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                  218. Functionally Obsolete: FO                  220. Bridge Redecked: -                  221. Substr. Cond. (U/W):                  222. Fill Over RCB:                  223. Appr. Slab/Rwy Cond.: 2                  225. Paint Type/Ovrct: Red Lead 3 Coat System                  N/A                  226. Date Painted: 1930                  227. Paint Color: Silver                  233. Deck Forming:                  238. School Bus Rte.: Not Desired/Current rte.                  240. Appr. Rwy Type.: Soil                  243. Grdr Spacing/No.: /</p>
-1.00	-1.00				
-1.00	-1.00				

<p style="text-align: center;"><b>PROPOSED IMPROVEMENTS</b></p> <p>94. Bridge Cost: \$207,000      75. Type of Work: 31 Repl-Load Capacity                  95. Roadway Cost: \$114,000      76. Lngth of Improvement: 266.5 ft                  96. Total Cost: \$330,000      114. Future ADT: 120                  97. Yr. of Cost Est.: 2015      115. Yr. of Future ADT: 2039</p>	<p style="text-align: center;"><b>NAVIGATION DATA</b></p> <p>38. Nav. Control: Permit Not Required                  39. Vert. Clearance: 0.0 ft      111. Pier Protect.: Not Applicable (P)                  40. Horiz. Clearance: 0.0 ft      116. Lift Bridge Vert. Clr.: 0.0 ft</p>
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<p>244. Span Lengths: 112 53</p> <p>245. Girder Depth:                  246a. Type of Overlay: AC Overlay                  b. Overlay Thickness: 3.00                  c. Overlay Date: 01/01/1901                  d. Ovlv Depth Changed &gt;1": N</p> <p>247. Protective Systems:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table> <p>248. # Field Splices w/ Corrosion:                  249. Scour Crit. POA Exists?: Yes                  250. Headwall:                  258. Plans w/Found.in ODOT File: -                  259. Scour Eval. in ODOT File: -                  263. Interchange at Intersection: -                  264. Interstate Milepoint:</p>					<p>249. Scour Crit. POA Exists?: Yes                  250. Headwall:                  258. Plans w/Found.in ODOT File: -                  259. Scour Eval. in ODOT File: -                  263. Interchange at Intersection: -                  264. Interstate Milepoint:</p>

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# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 03204	<b>Structure No.:</b> 60E0685N3410003	<b>Local ID:</b> 002 1	<b>Suff. Rating:</b> 18.60	<b>SD</b>
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Inspection Date: 10/4/21 Greg Wilson

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Invoice No.: 2105-42 Inspected With: John Chandler

**BRIDGE NOTES:**

BRIDGE CLOSED 2021.

Other Special Inspection Items Include: checking to see if load posting signs and bridge railing installed; scour at the NW wingwall; and welded connections.

PX – Replace missing bridge railing on South Truss.

PX – Scour and erosion at the northwest quadrant has completely undermined the wing.

PX - Monitor section loss of stringer ends at east abutment.

PX – Monitor Span 1, north U1L2 and U3-L4 - small crack in weld of lateral angle brace to interior angle.

FX - Monitor potholes

FX – Monitor section loss of stringer top flanges in Span 2.

FX – Monitor low quality welds

**INSPECTION NOTES:** 10/4/21

Stringer ends typically have 30% section loss at east abutment with 4 1/4inch tall corrosion hole stringer 3 web. (2017)

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
30 / 1	Steel Deck - Orthotropic	sq.ft	2,244.00	0%	0.00	0%	0.00	100%	2,244.00	0%	0.00
FX - Multiple large potholes in asphalt wearing surface. Corrugated steel deck exhibits surface rust throughout with some areas of laminate rust at the seams of the non-galvanized sections.											
113 / 1	Steel Stringer	ft	990.00	0%	0.00	0%	0.00	99%	985.00	1%	5.00
PX- 10% to 15% section loss for a 1/3 of the length on Span 2 stringers. Stringers exhibit heavy rust with laminate rust typical on top flange.											
515 / 1	Steel Protective Coating	sq.ft	35,740.00	0%	0.00	0%	0.00	0%	0.00	100%	35,740.00
Paint system has failed on floor beams and stringers. Paint is chalky and flaking on truss members. There is a moderate amount of graffiti on truss members.											
120 / 1	Steel Truss	ft	330.00	0%	0.00	71%	234.00	29%	96.00	0%	0.00
Surface rust^ failed paint typical throughout both spans. Span 1 welds are low quality^ very uneven. FX- Span 1^ north U1L2-impact to interior angle caused small crack in weld to lateral bracing angle. Span 1 N U3-L4 has a crack in the weld of diagonal-gusset connection.											
152 / 1	Steel Floor Beam	ft	171.00	0%	0.00	91%	156.00	9%	15.00	0%	0.00
FLoor beams exhibit heavy rust with areas of minor pitting. .											
162 / 1	Stl Gus Plate	each	66.00	0%	0.00	73%	48.00	26%	17.00	2%	1.00
Gusset plates on Span 1 are in good condition with no noted defects. Plates on Span 2 have pack rust at all lower nodes. up to 3/4in. between the plates and low chord and up to 3/8in. between the plates and vertical truss members.											
205 / 1	Re Conc Column	each	2.00	0%	0.00	100%	2.00	0%	0.00	0%	0.00
Columns are in good overall condition with hairline cracks noted.											
215 / 1	Re Conc Abutment	ft	56.00	80%	45.00	20%	11.00	0%	0.00	0%	0.00
Abutments are in good overall condition with hairline cracks noted. The north half of the West Abutment is exposed due to scour. The northwest wing is completely undermined.											
234 / 1	Re Conc Pier Cap	ft	23.00	83%	19.00	17%	4.00	0%	0.00	0%	0.00
Pier cap is in good overall condition with a few hairline cracks noted.											
311 / 1	Moveable Bearing	each	4.00	0%	0.00	50%	2.00	50%	2.00	0%	0.00
Heavy rust & minor pitting. bearings at pier covered with dirt and debris.											
313 / 1	Fixed Bearing	each	4.00	0%	0.00	50%	2.00	50%	2.00	0%	0.00
Heavy rust & minor pitting. bearings at pier covered with dirt and debris.											
330 / 1	Metal Bridge Railing	ft	226.00	0%	0.00	71%	160.00	18%	40.00	12%	26.00
PX - Section of rail missing from L0 to L4 on a South Truss. Span 1 has a pipe as the rail^ Span 2 has a w-beam rail set in from the truss to match the width of Span 1.											
919 / 1	St.(Rail) Prot. Coat	(SF)	102.00	0%	0.00	0%	0.00	0%	0.00	100%	102.00
Paint system has failed^ galvanized w-beam railing in satisfactory condition. W-beam area not included in quantity.											
956 / 1	St. Cracking/Fatigue	(SF)	1.00	100%	1.00	0%	0.00	0%	0.00	0%	0.00
See page 9 of the photo log.											
957 / 1	Pack Rust Smart Flag	(EA)	1.00	0%	0.00	0%	0.00	100%	1.00	0%	0.00
Pack rust up to 3/4in. between the gusset plates and low chord and up to 3/8in. between the plates and vertical truss members in Span 2..											
961 / 1	Scour SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
PX - Scour/erosion at the northwest quadrant has completely undermined the wing. .											
962 / 1	Super. Traffic Impact	(EA)	1.00	0%	0.00	0%	0.00	100%	1.00	0%	0.00
Several members of the Span 1 truss have impact damage: North Truss U1L2^ L2U3^ L4U5^ U11L12^ U13L14^ and L14U15; South Truss L4U5^ U7L8^ and U13L14 (worst).											
963 / 1	Steel Section Loss SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
FX - Section loss of approximately 15% on top flange of stringers in Span 2 for 1/3 of member length.											

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 002



NBI #: 03204 Str #: 60E0685N3410003  
Payne County

Facility Carried: 86TH ST.  
Feature Int.: STILLWATER CREEK

2021-10-04  
Looking W

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 16896	<b>Structure No.:</b> 60D0685N3410021	<b>Local ID:</b> 003 1	<b>Suff. Rating:</b> 49.70	<b>SD</b>
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<b>Bridge Description:</b> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">40ft. I-BEAM SPAN</div> <p>1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: D0685 5e. Dir. Sufx: N/A (NBI)</p> <p>7. Facility Carried : 80TH ST. 6. Feat. Intersect: CREEK 9. Location: D0685 11. Mile Post: 0.900 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 01' 58.08" 17. Longitude: 096° 53' 32.29" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown</p>	<b>INSPECTION</b> <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>10/6/2021</td> <td>10/06/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>	Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	10/6/2021	10/06/2023	FC:	N	0		NA	NA	UW:	N	0		NA	NA	OS:	N	0		NA	NA
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<b>AGE AND SERVICE</b> <p>19. Detour Length: 4.0 mi 27. Year Built: 1967 28a/b. Lanes on/und: 2 / 0 29. ADT: 100 30. Year of ADT: 2019 42a/b. Type of Svc on/und: Highway / Waterway</p> <p>106. Year Reconst.: 0 109. Truck ADT: 10%</p>	<b>LOAD RATING AND POSTING</b> <p>31. Design Load: M 9 (H 10) 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>16.20</td> <td>29.10</td> <td></td> <td>35.90</td> <td>46.40</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>12.20</td> <td>22.00</td> <td></td> <td>25.90</td> <td></td> </tr> </tbody> </table>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	16.20	29.10		35.90	46.40	66. Inventory Rating (tons):	12.20	22.00		25.90	
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<b>GEOMETRIC DATA</b> <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: 21.20 ft 48. Length Max Span: 37.00 ft 49. Struct. Length: 40.00 ft</p> <p>50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 21.20 ft 52. Width Out to Out: 22.50 ft Deck Area: 900.00 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>	<b>APPRAISAL</b> <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.: 2 Intolerable - Replace 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 7 Above Minimum 72. Appr. Alignment: 3 Intolerable - Correct 113. Scour Critical: 8 Stable Above Footin</p>
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<b>OKLAHOMA ITEMS</b> <p>200c. Temperature: 69 200d. Weather: Ptly Cloudy 201. Struc. Stl. ASTM Desig.: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: Open Joint-No Device 204. Type of Railing: W-Beam 205. Material Quantity: -1.00 208a. Type of Abutment: Skeleton b. Type of Found.: Steel Piling 209. Type of Pier/Found.: - / - 210. Foundation Elev.: -1.00    -1.00 -1.00    -1.00    -1.00 211. Wear. Surf. Prot. Sys: None Date Installed: 01/01/1901 211c. Silane Reapplied 211d. Date: 213. Utilities Attached:</p>	<p>214a. Posted Weight Limit: 151515 b. Posted Speed Limit: NR c. Narrow/1way Brdg Sign: No d. Vertical Clr. Sign: No Adv. Warning Sign: No e. Navigation Lights?: No Working/Not Working: No 215. Overpass: ACCO 218. Functionally Obsolete: FO 220. Bridge Redecked: - 221. Substr. Cond. (U/W): 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: Red Lead 3 Coat System N/A 226. Date Painted: 1967 227. Paint Color: Silver 233. Deck Forming: 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Soil 243. Grdr Spacing/No.: 33.00 /</p>
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<b>PROPOSED IMPROVEMENTS</b> <p>94. Bridge Cost: \$196,000 95. Roadway Cost: \$108,000 96. Total Cost: \$311,000 97. Yr. of Cost Est.: 2015</p> <p>75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 125.8 ft 114. Future ADT: 160 115. Yr. of Future ADT: 2039</p>	<b>NAVIGATION DATA</b> <p>38. Nav. Control: Permit Not Required 39. Vert. Clearance: 0.0 ft 40. Horiz. Clearance: 0.0 ft</p> <p>111. Pier Protect.: Not Applicable (P) 116. Lift Bridge Vert. Clr.: 0.0 ft</p>
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<p>244. Span Lengths: 40</p> <p>245. Girder Depth: 18.00 246a. Type of Overlay: Timber Runners b. Overlay Thickness: 2.00 c. Overlay Date: 07/02/2004 d. Ovlv Depth Changed &gt;1": N</p> <p>247. Protective Systems:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; height: 20px;"></td> <td style="width: 50%; height: 20px;"></td> </tr> <tr> <td style="width: 50%; height: 20px;"></td> <td style="width: 50%; height: 20px;"></td> </tr> </table> <p>248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: - 250. Headwall: 258. Plans w/Found. in ODOT File: - 259. Scour Eval. in ODOT File: - 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00</p>					

## Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 16896	<b>Structure No.:</b> 60D0685N3410021	<b>Local ID:</b> 003 1	<b>Suff. Rating:</b> 49.70	<b>SD</b>
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Inspection Date: 10/6/21	Inspector: Greg Wilson
Invoice No.: 2105-42	Inspected With: John Chandler

**BRIDGE NOTES:**

9 beams.

**INSPECTION NOTES:** 10/6/21

UPON ARRIVAL NO LOAD POST SIGNS (2) NEW 15 TON SIGNS AND POSTS PLACED 10-16-17 BY CEC

**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	848.00	88%	748.00	12%	100.00	0%	0.00	0%	0.00
MINOR CRACKING											
510 / 1	Wearing Surfaces	sq.ft	240.00	0%	0.00	90%	216.00	5%	12.00	5%	12.00
PX - Timber runners beginning to split - (1) BOARD HEAVY SPLITTING BROKEN EDGES - (1) BOARD MISSING											
107 / 1	Steel Opn Girder/Beam	ft	361.00	0%	0.00	0%	0.00	99%	358.00	1%	3.00
PX - Some moderate to heavy exfoliation & pitting on lower web and flanges of most beams. All have some sec.loss top and bottom at abutment seats to webs due to soil and silt. BM #3 3ft. WITH HEAVY EXFOLIATION ON WEB AND LOWER FLANGE											
219 / 1	Stl Abutment	ft	23.00	0%	0.00	100%	23.00	0%	0.00	0%	0.00
FX - Some heavy rust on east abutment. West abutment not visible. FX - Both banks are unprotected from minor erosion.											
225 / 1	Steel Pile	(EA)	5.00	0%	0.00	100%	5.00	0%	0.00	0%	0.00
FX - Minor pitting and exfoliation on east abutment piles. West piles not visible.											
231 / 1	Steel Pier Cap	ft	46.00	0%	0.00	50%	23.00	50%	23.00	0%	0.00
FX - Some exfoliation and loss due to soil and silt build up. West cap barely exposed.											
330 / 1	Metal Bridge Railing	ft	80.00	0%	0.00	90%	72.00	10%	8.00	0%	0.00
Moderate damage on North Rail. Light deterioration overall. - Weak posts.											
919 / 1	St.(Rail) Prot. Coat	(SF)	229.00	0%	0.00	100%	229.00	0%	0.00	0%	0.00
SUBSTANTIALLY EFFECTIVE											
871 / 1	Steel Wingwall	(EA)	4.00	0%	0.00	100%	4.00	0%	0.00	0%	0.00
MOSTLY COVERED IN DIRT											
963 / 1	Steel Section Loss SF	(EA)	1.00	0%	0.00	0%	0.00	100%	1.00	0%	0.00
FX - Pitting & Exfol. on beams & caps - BM #3 WITH LOSS SLIGHTLY OVER 15%											

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 003



NBI #: 16896 Str #: 60D0685N3410021  
Payne County

Facility Carried: 80TH ST.  
Feature Int.: CREEK

2021-10-06  
Looking W



NBI #: 16896 Str #: 60D0685N3410021  
Payne County

Facility Carried: 80TH ST.  
Feature Int.: CREEK

2021-10-06  
Looking E

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 003



NBI #: 16896 Str #: 60D0685N3410021  
Payne County

Facility Carried: 80TH ST.  
Feature Int.: CREEK

2021-10-06  
N. Rail



NBI #: 16896 Str #: 60D0685N3410021  
Payne County

Facility Carried: 80TH ST.  
Feature Int.: CREEK

2021-10-06  
Deck

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 003



NBI #: 16896 Str #: 60D0685N3410021  
Payne County

Facility Carried: 80TH ST.  
Feature Int.: CREEK

2021-10-06  
Looking N



NBI #: 16896 Str #: 60D0685N3410021  
Payne County

Facility Carried: 80TH ST.  
Feature Int.: CREEK

2021-10-06  
BEAM 3



**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 003



NBI #: 16896 Str #: 60D0685N3410021  
Payne County

Facility Carried: 80TH ST.  
Feature Int.: CREEK

2021-10-06  
E CAP

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 32954	<b>Structure No.:</b> 60E0530N3380001	<b>Local ID:</b> 007	<b>Suff. Rating:</b> 92.00
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<b>Bridge Description:</b> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">65FT I-BEAM SPAN</div> <p>1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0530 5e. Dir. Sufx: N/A (NBI)</p> <p>7. Facility Carried : E0530 OAK CREEK 6. Feat. Intersect: OAK CREEK 9. Location: NOBLE RD 11. Mile Post: 0.161 mi 13. LRS Inv. / Sub Rte: / 16. Latitude: 36° 14' 46.99" 17. Longitude: 096° 58' 38.28" 98. Border Brdg: Unknown (P) % Responsible: 99. Border Brdg #: Unknown</p>	<b>INSPECTION</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <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>10/15/2021</td> <td>10/15/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>	Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	10/15/2021	10/15/2023	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	10/15/2021	10/15/2023																										
FC:	N	0		NA	NA																										
UW:	N	0		NA	NA																										
OS:	N	0		NA	NA																										

<b>STRUCTURE TYPE AND MATERIALS</b> <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: Monolithic Concrete 108b. Membrane: None 108c. Deck protection: None</p>	<b>CLASSIFICATION</b> <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.: Not Applicable (P) 104. Hwy System: Not on NHS 105. Fed Land Hwy: N/A (NBI) 110. Defense Hwy: Not a STRAHNET hwy 112. NBIS Length: Long Enough</p>
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<b>AGE AND SERVICE</b> <p>19. Detour Length: 2.0 mi 27. Year Built: 2021 28a/b. Lanes on/und: 2 / 0 29. ADT: 50 30. Year of ADT: 2020 42a/b. Type of Svc on/und: Highway / Waterway</p> <p>106. Year Reconst.: 0 109. Truck ADT: 10%</p>	<b>CONDITION</b> <p>58. Deck: 7 Good 62. Culvert: N/A (NBI)</p> <p>59. Sup.: 7 Good 61. Chan./Chan. Prot.: 7 Minor Damage</p> <p>60. Sub: 7 Good</p> <p><b>Flowline Notes</b></p> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">N. TO TOD FL 21.2' +30' FROM W. ABUTMENT</div>
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<b>GEOMETRIC DATA</b> <p>10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 30.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 27.00 ft 48. Length Max Span: 65.00 ft 49. Struct. Length: 65.00 ft</p> <p>50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 27.00 ft 52. Width Out to Out: 30.00 ft Deck Area: 1,950.00 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>	<b>LOAD RATING AND POSTING</b> <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.: 1 LF Load Factor / 1 LF Load Factor</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <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>88.00</td> <td>112.00</td> <td></td> <td>103.00</td> <td>107.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>52.00</td> <td>67.00</td> <td></td> <td>61.00</td> <td></td> </tr> </tbody> </table>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	88.00	112.00		103.00	107.00	66. Inventory Rating (tons):	52.00	67.00		61.00	
	H	HS	3-3	EV3	SHV														
64. Operating Rating (tons):	88.00	112.00		103.00	107.00														
66. Inventory Rating (tons):	52.00	67.00		61.00															

<b>OKLAHOMA ITEMS</b> <p>200c. Temperature: 54 200d. Weather: Ptly Cloudy 201. Struc. Stl. ASTM Desig.: / 202. Waterprf. Membrane: / Date Installed: 203. Type Exp. Device: - 204. Type of Railing: W-Beam 205. Material Quantity: 208a. Type of Abutment: Other b. Type of Found.: Steel Piling 209. Type of Pier/Found.: / - 210. Foundation Elev.: - 211. Wear. Surf. Prot. Sys: Date Installed: 211c. Silane Reapplied 211d. Date : 213. Utilities Attached: /</p>	<b>APPRaisal</b> <p>36a. Brgd Rail: 0 Substandard 36b. Transition: 0 Substandard 36c. Appr. Rail: 0 Substandard 36d. Appr. Rail Ends: 0 Substandard 67. Str Evaluation: 7 Above Min Criteri</p> <p>68. Deck Geom.: 6 Equal 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: 8 Stable Above Footin</p>
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<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</p> <p>215. Overpass: 218. Functionally Obsolete : 220. Bridge Redecked 221. Substr. Cond. (U/W): 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 2 225. Paint Type/Ovrct: - 226. Date Painted: - 227. Paint Color: - 233. Deck Forming: Perm. Metal Deck Forr 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: /</p>	<b>PROPOSED IMPROVEMENTS</b> <p>94. Bridge Cost: 95. Roadway Cost: 96. Total Cost: 97. Yr. of Cost Est.:</p> <p>75. Type of Work: 76. Lngth of Improvement: 114. Future ADT: 80 115. Yr. of Future ADT: 2040</p>
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<p>244. Span Lengths: 60</p> <p>245. Girder Depth: 3.00 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: 258. Plans w/Found. in ODOT File: - 259. Scour Eval. in ODOT File: Yes 263. Interchange at Intersection: 264. Interstate Milepoint:</p>	<b>NAVIGATION DATA</b> <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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# Oklahoma Dept. of Transportation - Bridge Inspection Report

**NBI No.:**  
32954

**Structure No.:**  
60E0530N3380001

**Local ID:**  
007

**Suff. Rating:**  
92.00

Inspection Date: 10/15/21 Greg Wilson  
 Invoice No.: 2105-42 Inspected With: John Chandler

**BRIDGE NOTES:**

REPLACES NBI # 01045

**INSPECTION NOTES:** 10/15/21

REPLACING NBI 01045

**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	1,950.00	100%	1,950.00	0%	0.00	0%	0.00	0%	0.00
107 / 1	Steel Opn Girder/Beam	ft	385.00	100%	385.00	0%	0.00	0%	0.00	0%	0.00
219 / 1	Stl Abutment	ft	60.00	100%	60.00	0%	0.00	0%	0.00	0%	0.00
918 / 1	St.(substr)Prot.Coat	(EA)	990.00	100%	990.00	0%	0.00	0%	0.00	0%	0.00
225 / 1	Steel Pile	(EA)	34.00	100%	34.00	0%	0.00	0%	0.00	0%	0.00
(14) ABUTMENT PILES AND (20) WING PILES											
330 / 1	Metal Bridge Railing	ft	130.00	100%	130.00	0%	0.00	0%	0.00	0%	0.00
919 / 1	St.(Rail) Prot. Coat	(SF)	325.00	100%	325.00	0%	0.00	0%	0.00	0%	0.00
865 / 1	St.Open Gird End(5Ft)	(LF)	70.00	100%	70.00	0%	0.00	0%	0.00	0%	0.00
871 / 1	Steel Wingwall	(EA)	4.00	100%	4.00	0%	0.00	0%	0.00	0%	0.00
890 / 1	Steel SIP Form	(LF)	1.00	100%	1.00	0%	0.00	0%	0.00	0%	0.00

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 007



NBI #: 32954 Str #: 60E0530N3380001  
Payne

Facility Carried: E0530  
Feature Int.: OAK CREEK

2021-10-15  
Looking W.



NBI #: 32954 Str #: 60E0530N3380001  
Payne

Facility Carried: E0530  
Feature Int.: OAK CREEK

2021-10-15  
Upstream

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 007



NBI #: 32954 Str #: 60E0530N3380001  
Payne

Facility Carried: E0530  
Feature Int.: OAK CREEK

2021-10-15  
Downstream



NBI #: 32954 Str #: 60E0530N3380001  
Payne

Facility Carried: E0530  
Feature Int.: OAK CREEK

2021-10-15  
Looking S.

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 007



NBI #: 32954 Str #: 60E0530N3380001  
Payne

Facility Carried: E0530  
Feature Int.: OAK CREEK

2021-10-15  
Under Structure

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 23597	<b>Structure No.:</b> 60E0540N3370008	<b>Local ID:</b> 008 1	<b>Suff. Rating:</b> 86.00	<b>ND</b>
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<p><b>Bridge Description:</b> IDENTIFICATION</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">35ft. I-BEAM SPAN</div> <p>1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0540 5e. Dir. Sufx: N/A (NBI)</p> <p>7. Facility Carried : LONE CHIMNEY 6. Feat. Intersect: OAK CREEK 9. Location: LONECHMNY\FAIR GND.8E 11. Mile Post: 0.800 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 13' 56.86" 17. Longitude: 096° 58' 59.13" 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>10/15/2021</td> <td>10/15/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table> <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	10/15/2021	10/15/2023	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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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: 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</p>	<p style="text-align: center;"><b>CONDITION</b></p> <p>58. Deck: 6 Satisfactory 62. Culvert: N/A (NBI) <b>Flowline Notes</b> N TO TOD FL 11.2' + 16' FROM W ABUT</p> <p>59. Sup.: 6 Satisfactory 61. Chan./Chan. Prot.: 6 Bank Slumping 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: 1993 28a/b. Lanes on/und: 2 / 0 29. ADT: 50 30. Year of ADT: 2019 42a/b. Type of Svc on/und: Highway / Waterway</p> <p>106. Year Reconst.: 0 109. 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.: 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>82.00</td> <td>122.00</td> <td></td> <td>102.00</td> <td>110.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>49.00</td> <td>73.00</td> <td></td> <td>61.00</td> <td></td> </tr> </tbody> </table> <p>Date Rated: 01/06/2022</p>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	82.00	122.00		102.00	110.00	66. Inventory Rating (tons):	49.00	73.00		61.00	
	H	HS	3-3	EV3	SHV														
64. Operating Rating (tons):	82.00	122.00		102.00	110.00														
66. Inventory Rating (tons):	49.00	73.00		61.00															

<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: 25.30 ft 48. Length Max Span: 33.50 ft 49. Struct. Length: 35.10 ft</p> <p>50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 25.30 ft 52. Width Out to Out: 25.90 ft Deck Area: 909.01 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</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: 5 Above Min Toler</p> <p>68. Deck Geom.: 6 Equal 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: 8 Stable Above Footin</p>
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<p style="text-align: center;"><b>OKLAHOMA ITEMS</b></p> <p>200c. Temperature: 54 200d. Weather: Ptly Cloudy 201. Struc. Stl. ASTM Desig.: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: Open Joint-No Device 204. Type of Railing: W-Beam 205. Material Quantity: -1.00 208a. Type of Abutment: Skeleton b. Type of Found.: Steel Piling 209. Type of Pier/Found.: - / - 210. Foundation Elev.: 0.00 -1.00 -1.00 -1.00 211. Wear. Surf. Prot. Sys: Date Installed: 01/01/1901 211c. Silane Reapplied 211d. Date: 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 218. Functionally Obsolete: - 220. Bridge Redecked: - 221. Substr. Cond. (U/W): 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: Red Lead 3 Coat System N/A 226. Date Painted: 1993 227. Paint Color: Silver 233. Deck Forming: Perm. Metal Deck Forr 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: 43.00 /</p>
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<p style="text-align: center;"><b>PROPOSED IMPROVEMENTS</b></p> <p>94. Bridge Cost: \$183,000 95. Roadway Cost: \$100,000 96. Total Cost: \$290,000 97. Yr. of Cost Est.: 2015</p> <p>75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 117.3 ft 114. Future ADT: 80 115. Yr. of Future ADT: 2039</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.: Not Applicable (P) 116. Lift Bridge Vert. Clr.: 0.0 ft</p>
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<p>244. Span Lengths: 35</p> <p>245. Girder Depth: 27.00 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> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; height: 20px;"></td> <td style="width: 50%; height: 20px;"></td> </tr> <tr> <td style="width: 50%; height: 20px;"></td> <td style="width: 50%; height: 20px;"></td> </tr> </table> <p>248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: - 250. Headwall: 258. Plans w/Found. in ODOT File: - 259. Scour Eval. in ODOT File: - 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00</p>					

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 23597	<b>Structure No.:</b> 60E0540N3370008	<b>Local ID:</b> 008 1	<b>Suff. Rating:</b> 86.00	<b>ND</b>
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Inspection Date: 10/15/21 Greg Wilson  
 Invoice No.: 2105-42 Inspected With: John Chandler



**BRIDGE NOTES:**

8 beams.

**INSPECTION NOTES:** 10/15/21

PIPE HAS BEEN REMOVED

**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	888.00	0%	0.00	100%	888.00	0%	0.00	0%	0.00
LOOSE GRAVEL AND DIRT MINOR WEAR THROUGHOUT WITH MINOR MAP CRACKING											
107 / 1	Steel Opn Girder/Beam	ft	200.00	0%	0.00	100%	200.00	0%	0.00	0%	0.00
FX-Rust top and bottom flanges. - beams placed upside down from original locations. 4 of 8.											
515 / 1	Steel Protective Coating	sq.ft	2,079.00	0%	0.00	0%	0.00	100%	2,079.00	0%	0.00
LIMITED EFFECTIVENESS											
219 / 1	Stl Abutment	ft	49.00	0%	0.00	0%	0.00	100%	49.00	0%	0.00
PX-Heavy surface rust near ground with LITE-Mod. scaling-pitting.											
225 / 1	Steel Pile	(EA)	19.00	0%	0.00	74%	14.00	26%	5.00	0%	0.00
FX - SURFACE RUST - W. ABUTMENT PILE WITH MINOR EXFOLIATION. (9) WING PILES - SURFACE RUST.											
231 / 1	Steel Pier Cap	ft	49.00	0%	0.00	100%	49.00	0%	0.00	0%	0.00
FX-Lite-Mod. surface rust											
330 / 1	Metal Bridge Railing	ft	70.00	0%	0.00	100%	70.00	0%	0.00	0%	0.00
PX-Galv. rail with wide post spacing^ spotted rust @ welds.											
919 / 1	St.(Rail) Prot. Coat	(SF)	200.00	0%	0.00	100%	200.00	0%	0.00	0%	0.00
SUBSTANTIALLY EFFECTIVE											
865 / 1	St.Open Gird End(5Ft)	(LF)	80.00	0%	0.00	100%	80.00	0%	0.00	0%	0.00
FX - Rust top and bottom flanges with rust											
871 / 1	Steel Wingwall	(EA)	4.00	0%	0.00	100%	4.00	0%	0.00	0%	0.00
MODERATE RUST											
890 / 1	Steel SIP Form	(LF)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
SURFACE RUST											
958 / 1	Concrete Cracking SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
Map cracking @ exposed areas of deck.											
963 / 1	Steel Section Loss SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
FX - MINOR EXFOLIATION ON ABUTMENT AND PILE											



**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 008



NBI #: 23597 Str #: 60E0540N3370008  
Payne County

Facility Carried: LONE CHIMNEY  
Feature Int.: OAK CREEK

2021-10-15  
Looking E



NBI #: 23597 Str #: 60E0540N3370008  
Payne County

Facility Carried: LONE CHIMNEY  
Feature Int.: OAK CREEK

2021-10-15  
Looking S

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 008



NBI #: 23597 Str #: 60E0540N3370008  
Payne County

Facility Carried: LONE CHIMNEY  
Feature Int.: OAK CREEK

2021-10-15  
W. Abutment

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 21519	<b>Structure No.:</b> 60E0540N3420002	<b>Local ID:</b> 009 1	<b>Suff. Rating:</b> 85.50	<b>ND</b>
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<p><b>Bridge Description:</b> IDENTIFICATION</p> <div style="border: 1px solid black; padding: 2px;">3-10ft. X 12ft. X 32ft. RCB, SK30LF</div> <p>1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: 6002C 5e. Dir. Sufx: N/A (NBI)</p> <p>7. Facility Carried : LONE CHIMNEY(E0540) 6. Feat. Intersect: CAMP CREEK 9. Location: LONECHMNY\RIPLEY .2E 11. Mile Post: 0.200 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 13' 56.43" 17. Longitude: 096° 54' 16.50" 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>10/15/2021</td> <td>10/15/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table> <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: 07 Rural Mjr Collecto</td> <td>105. Fed Land Hwy: N/A (NBI)</td> </tr> <tr> <td>37. Historical Sig.: Not eligible for NRHP</td> <td>110. Defense Hwy: Not a STRAHNET hwy</td> </tr> <tr> <td>100. Def. Hwy: Not a STRAHNET hwy</td> <td>112. NBIS Length: Long Enough</td> </tr> </table>	Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	10/15/2021	10/15/2023	FC:	N	0		NA	NA	UW:	N	0		NA	NA	OS:	N	0		NA	NA	12. Base Hwy Net.: Not on Base Network	101. Parallel Str.: No    bridge exists	20. Toll Facility: On free road	102. Traffic Dir.: 2-way traffic	21. Custodian: County	103. Temp. Str.: Not Applicable (P)	22. Owner: County	104. Hwy System: Not on NHS	26. Function Class: 07 Rural Mjr Collecto	105. Fed Land Hwy: N/A (NBI)	37. Historical Sig.: Not eligible for NRHP	110. Defense Hwy: Not a STRAHNET hwy	100. Def. Hwy: Not a STRAHNET hwy	112. NBIS Length: Long Enough
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<p style="text-align: center;"><b>STRUCTURE TYPE AND MATERIALS</b></p> <p>43a/b. Main Span: Concrete / 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: N/A (no deck (NBI)) 108b. Membrane: N/A (no deck (NBI)) 108c. Deck protection: N/A (no deck (NBI))</p>	<p style="text-align: center;"><b>CONDITION</b></p> <p>58. Deck: N/A (NBI)   59. Sup.: N N/A (NBI)   60. Sub: N N/A (NBI) 62. Culvert: 6 Deterioration   61. Chan./Chan. Prot.: 6 Bank Slumping</p> <p><b>Flowline Notes</b></p> <div style="border: 1px solid black; padding: 2px;">R.C.B. 12 FT. CLEAR HEIGHT. FLOWS S. TO N.</div>
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<p style="text-align: center;"><b>AGE AND SERVICE</b></p> <p>19. Detour Length: 5.5 mi   106. Year Reconst.: 0 27. Year Built: 1987   109. Truck ADT: 15% 28a/b. Lanes on/und: 2 / 0 29. ADT: 465 30. Year of ADT: 2019 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)   Date Rated: 10/18/2017 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;"> <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>23.00</td> <td>41.00</td> <td></td> <td></td> <td></td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>13.00</td> <td>24.00</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	23.00	41.00				66. Inventory Rating (tons):	13.00	24.00			
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<p style="text-align: center;"><b>GEOMETRIC DATA</b></p> <p>10. Vert. Clearance: 99.99 ft   50a. Curb/Sdwk Width L: 0.00 ft 32. Appr Rwy Width: 24.00 ft   50b. Curb/Sdwk Width R: 0.00 ft 33. Median: No median   51. Width Curb to Curb: 32.00 ft 34. Skew: 30.00°   52. Width Out to Out: 34.20 ft 35. Struct. Flared: No flare   Deck Area: 1,506.95 sq. ft 47. Horizontal Clr: 32.00 ft   53. Min. Vert. Cl. Ovr Brg: 99.99 ft 48. Length Max Span: 12.10 ft   54a. Min. Vt. Undclr. Ref.: N Feature not hwy c 49. Struct. Length: 44.00 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</p>	<p style="text-align: center;"><b>APPRAISAL</b></p> <p>36a. Brdg Rail: 0 Substandard   68. Deck Geom.: 6 Equal Min Criteria 36b. Transition: 0 Substandard   69. Vert./Horiz. Undclr: Not applicable (NB) 36c. Appr. Rail: 0 Substandard   71. Waterway Adeq: 8 Equal Desirable 36d. Appr. Rail Ends: 0 Substandard   72. Appr. Alignment: 8 Equal Desirable Crit 67. Str Evaluation: 6 Equal Min Criteria   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: 57 200d. Weather: Ptly Cloudy 201. Struc. Stl. ASTM Desig.: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: Open Joint-No Device 204. Type of Railing: W-Beam 205. Material Quantity: -1.00 208a. Type of Abutment: Other b. Type of Found.: Bears on Natural Found. 209. Type of Pier/Found.: - / - 210. Foundation Elev.: -1.00   -1.00   -1.00 211. Wear. Surf. Prot. Sys: None Date Installed: 01/01/1901 211c. Silane Reapplied 211d. Date: 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 218. Functionally Obsolete: - 220. Bridge Redecked: - 221. Substr. Cond. (U/W): 222. Fill Over RCB: FG 223. Appr. Slab/Rwy Cond.: 1 225. Paint Type/Ovrct: - N/A 226. Date Painted: 227. Paint Color: - 233. Deck Forming: Conventional Forming 238. School Bus Rte.: Current &amp; Desired route 240. Appr. Rwy Type.: Asphalt/Bituminous 243. Grdr Spacing/No.: /</p>
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<p style="text-align: center;"><b>PROPOSED IMPROVEMENTS</b></p> <p>94. Bridge Cost: \$100,000   75. Type of Work: 33 Widen w/o Deck Rel 95. Roadway Cost: \$75,000   76. Lngth of Improvement: 132.2 ft 96. Total Cost: \$225,000   114. Future ADT: 744 97. Yr. of Cost Est.: 2015   115. Yr. of Future ADT: 2039</p>	<p style="text-align: center;"><b>NAVIGATION DATA</b></p> <p>38. Nav. Control: Permit Not Required 39. Vert. Clearance: 0.0 ft   111. Pier Protect.: Not Applicable (P) 40. Horiz. Clearance: 0.0 ft   116. Lift Bridge Vert. Clr.: 0.0 ft</p>
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<p>244. Span Lengths: <input type="text" value="10"/> <input type="text" value="10"/> <input type="text" value="10"/></p> <p>245. Girder Depth: 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: <input type="text"/> <input type="text"/> <input type="text"/></p> <p>248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: - 250. Headwall: 32.00 258. 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> 21519	<b>Structure No.:</b> 60E0540N3420002	<b>Local ID:</b> 009 1	<b>Suff. Rating:</b> 85.50	<b>ND</b>
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Inspection Date: 10/15/21	Greg Wilson	
Invoice No.: 2105-42	Inspected With: John Chandler	

**BRIDGE NOTES:**

RCB

**INSPECTION NOTES:** 10/15/21

FX - 1.5 ft. silt in N 1/2 of W.Bbl. -- 4 ft. silt @ outlet, West Channel.  
 NOTE - Guardrail only 18-20 inches height Continues beyond approaches - 1ft. OF FILL

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
241 / 1	Re Conc Culvert	ft	121.00	97%	117.00	3%	4.00	0%	0.00	0%	0.00
Minor vertical cracks with efflorescence (1 each end). Small area of leaching. All on east outer wall. Solid overall. FX- Deck corners are unmarked.											
330 / 1	Metal Bridge Railing	ft	88.00	0%	0.00	100%	88.00	0%	0.00	0%	0.00
Rail post through top RCB. TOO LOW											
919 / 1	St.(Rail) Prot. Coat	(SF)	252.00	100%	252.00	0%	0.00	0%	0.00	0%	0.00
870 / 1	Concrete Wingwall	(EA)	4.00	75%	3.00	25%	1.00	0%	0.00	0%	0.00
FX - SE WING SPALLED ON TOP											
965 / 1	Debris SF	(EA)	1.00	0%	0.00	0%	0.00	100%	1.00	0%	0.00
PX - All three barrels are blocked on the south end by moderate drift restricting flow 2ft. - 5ft. height. Blocks 25% TO 40% of all openings											
968 / 1	Erosion SF	(EA)	1.00	100%	1.00	0%	0.00	0%	0.00	0%	0.00
FX - 2.5 ft. hole 10 ft. south of E.Bbl. opening. Filled with water this date.											

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 009



NBI #: 21519 Str #: 60E0540N3420002  
Payne County

Facility Carried: LONE CHIMNEY(E0540  
Feature Int.: CAMP CREEK

2021-10-15  
Looking W



NBI #: 21519 Str #: 60E0540N3420002  
Payne County

Facility Carried: LONE CHIMNEY(E0540  
Feature Int.: CAMP CREEK

2021-10-15  
Looking N

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 20365	<b>Structure No.:</b> 60E0540N3450005	<b>Local ID:</b> 010 1	<b>Suff. Rating:</b> 88.70	<b>ND</b>
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**Bridge Description:** IDENTIFICATION  
2-10ft. X 14ft. X 30ft. R.C.BOX

1. State: Oklahoma	7. Facility Carried : LONE CHIMNEY
2. Division: Division 4	6. Feat. Intersect: CREEK
3. County: PAYNE	9. Location: LONE CHMNYW.POINT .5E
4. City: Unknown	11. Mile Post: 3.599 mi
Admin Area: Cnty. District 1	13. LRS Inv. / Sub Rte: -1 / -1
5a. On/Under: Route On Structure	16. Latitude: 36° 13' 54.41"
5b. Kind of Hwy: County Hwy	17. Longitude: 096° 50' 44.98"
5c. Lvl of Svc: Mainline	98. Border Brdg: Unknown (P)
5d. Route No.: E0540	% 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	10/15/2021	10/15/2023
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.:	2-way traffic
21. Custodian: County	103. Temp. Str.:	Not Applicable (P)
22. Owner: County	104. Hwy System:	Not on NHS
26. Function Class: 07 Rural Mjr Collecto	105. Fed Land Hwy:	N/A (NBI)
37. Historical Sig.: Not eligible for NRHP	110. Defense Hwy:	Not a STRAHNET hwy
100. Def. Hwy: Not a STRAHNET hwy	112. NBIS Length:	Long Enough

**STRUCTURE TYPE AND MATERIALS**

43a/b. Main Span: Concrete / Culvert  
44a/b. Appr. Span: N/A / Not Applicable (P)

45. # of Main Spans: 2  
46. # of Appr. Spans: 0  
107. Deck Type: Concrete-Cast-in-Place  
108a. Wearing Surface: Bituminous  
108b. Membrane: None  
108c. Deck protection: None

**CONDITION**

58. Deck: N/A (NBI) | 59. Sup.: N N/A (NBI) | 60. Sub: N N/A (NBI)  
62. Culvert: 6 Deterioration | 61. Chan./Chan. Prot.: 7 Minor Damage

**Flowline Notes**

1/2/2003 - Flowline = sats channel profile. RCB, up to 8' ft. clear height. \*  
2017- WATER STANDING IN RCB

**AGE AND SERVICE**

19. Detour Length: 2.0 mi | 106. Year Reconst.: 0  
27. Year Built: 1983 | 109. Truck ADT: 15%

28a/b. Lanes on/und: 2 / 0  
29. ADT: 75  
30. Year of ADT: 2019  
42a/b. Type of Svc on/und: Highway / Waterway

**LOAD RATING AND POSTING**

31. Design Load: MS 18 (HS 20) | Date Rated: 11/18/2017  
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

	H	HS	
64. Operating Rating (tons):	23.00	41.00	3-3 EV3 SHV
66. Inventory Rating (tons):	13.00	24.00	

**GEOMETRIC DATA**

10. Vert. Clearance: 99.99 ft	50a. Curb/Sdwk Width L: 1.00 ft
32. Appr Rwy Width: 32.15 ft	50b. Curb/Sdwk Width R: 1.00 ft
33. Median: No median	51. Width Curb to Curb: 28.22 ft
34. Skew: 0.00°	52. Width Out to Out: 30.51 ft
35. Struct. Flared: No flare	Deck Area: 731.95 sq. ft
47. Horizontal Clr: 27.89 ft	53. Min. Vert. Cl. Ovr Brg: 99.99 ft
48. Length Max Span: 9.84 ft	54a. Min. Vert. Undclr. Ref.: N Feature not hwy c
49. Struct. Length: 23.95 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: 1 Meets Standards	68. Deck Geom.: 7 Above Min Criteria
36b. Transition: 1 Meets Standards	69. Vert./Horiz. Undclr: Not applicable (NB)
36c. Appr. Rail: 1 Meets Standards	71. Waterway Adeq: 8 Equal Desirable
36d. Appr. Rail Ends: 1 Meets Standard	72. Appr. Alignment: 8 Equal Desirable Crit
67. Str Evaluation: 6 Equal Min Criteria	113. Scour Critical: 8 Stable Above Footin

**OKLAHOMA ITEMS**

200c. Temperature: 64  
200d. Weather: Ptty Cloudy

201. Struc. Stl. ASTM Desig.: -1 / -1  
202. Waterprf. Membrane: -1  
Date Installed: 01/01/1901  
203. Type Exp. Device: Open Joint-No Device

204. Type of Railing: Parapet Retrofit  
205. Material Quantity: -1.00  
208a. Type of Abutment: Other  
b. Type of Found.: Bears on Natural Found.  
209. Type of Pier/Found.: - / -

210. Foundation Elev.:	-1.00	-1.00
	-1.00	-1.00

211. Wear. Surf. Prot. Sys: None  
Date Installed: 01/01/1901  
211c. Silane Reapplied  
211d. Date :  
213. Utilities Attached:

**PROPOSED IMPROVEMENTS**

94. Bridge Cost: \$100,000	75. Type of Work: 31 Repl-Load Capacity
95. Roadway Cost: \$75,000	76. Lngth of Improvement: 95.8 ft
96. Total Cost: \$225,000	114. Future ADT: 120
97. Yr. of Cost Est.: 2015	115. Yr. of Future ADT: 2039

**NAVIGATION DATA**

38. Nav. Control: Permit Not Required  
39. Vert. Clearance: 0.0 ft | 111. Pier Protect.: Not Applicable (P)  
40. Horiz. Clearance: 0.0 ft | 116. Lift Bridge Vert. Clr.: 0.0 ft

244. Span Lengths:

245. Girder Depth:  
246a. Type of Overlay: AC Overlay  
b. Overlay Thickness: 4.00  
c. Overlay Date: 10/15/2021  
d. Ovlv Depth Changed >1": N

247. Protective Systems:


248. # Field Splices w/ Corrosion:  
249. Scour Crit. POA Exists?: -  
250. Headwall: 28.20  
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> 20365	<b>Structure No.:</b> 60E0540N3450005	<b>Local ID:</b> 010 1	<b>Suff. Rating:</b> 88.70	<b>ND</b>
--------------------------	--	---------------------------	-------------------------------	-----------

Inspection Date: 10/15/21 Greg Wilson  
 Invoice No.: 2105-42 Inspected With: John Chandler



**BRIDGE NOTES:**

**INSPECTION NOTES:** 10/15/21

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
241 / 1	Re Conc Culvert	ft	59.00	0%	0.00	100%	59.00	0%	0.00	0%	0.00
Discoloration at water line. PX- Normally has 6 ft. of standing water. - Hvy. scaling @ bottom 6 ft. of all walls. Lite cracking of soffit with lite efflorescence. - Spotted Moderate honeycomb areas in all walls^ bottom 1/2^ No exposed rebar. HARD TO VIEW UP TP 8ft. OF STANDING WATER.											
510 / 1	Wearing Surfaces	sq.ft	677.00	100%	677.00	0%	0.00	0%	0.00	0%	0.00
NEW ADDITIONAL 2 INCH AC OVERLAY 2021											
331 / 1	Re Conc Bridge Railing	ft	49.00	100%	49.00	0%	0.00	0%	0.00	0%	0.00
Hairline & Lite cracks w/ some lite efflorescence along the length. -											
870 / 1	Concrete Wingwall	(EA)	4.00	0%	0.00	100%	4.00	0%	0.00	0%	0.00
MINOR SCALING AT WATER-LINE. NW AND NE WINGS WITH 1/16" DIAGONAL CRACKS.											
965 / 1	Debris SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
FX - MINOR U.S. END DRIFT											

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 010



NBI #: 20365 Str #: 60E0540N3450005  
Payne County

Facility Carried: LONE CHIMNEY  
Feature Int.: CREEK

2021-10-15  
Looking W



NBI #: 20365 Str #: 60E0540N3450005  
Payne County

Facility Carried: LONE CHIMNEY  
Feature Int.: CREEK

2021-10-15  
Looking S



# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 25232	<b>Structure No.:</b> 60E0540N3460008	<b>Local ID:</b> 011A 1	<b>Suff. Rating:</b> 86.00	<b>ND</b>																														
<b>Bridge Description:</b> 30ft. I-BEAM SPAN		<b>IDENTIFICATION</b>																																
1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: 6002C 5e. Dir. Sufx: N/A (NBI)		7. Facility Carried: LONE CHIMNEY(E0540) 6. Feat. Intersect: CREEK 9. Location: LONE CHMNY\CLAY RD .8E 11. Mile Post: 0.800 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 13' 53.76" 17. Longitude: 096° 49' 20.14" 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: Bituminous 108b. Membrane: None 108c. Deck protection: None		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Type</th> <th>Insp. Req.</th> <th>Insp. Done</th> <th>Freq.</th> <th>Insp. Date</th> <th>Next Insp.</th> </tr> </thead> <tbody> <tr> <td>NBI:</td> <td></td> <td>1</td> <td>24 months</td> <td>10/15/2021</td> <td>10/15/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>			Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	10/15/2021	10/15/2023	FC:	N	0		NA	NA	UW:	N	0		NA	NA	OS:	N	0		NA	NA
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<b>AGE AND SERVICE</b>		<b>CLASSIFICATION</b>																																
19. Detour Length: 4.0 mi 27. Year Built: 1997 28a/b. Lanes on/und: 2 / 0 29. ADT: 75 30. Year of ADT: 2019 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: 24.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 25.40 ft 48. Length Max Span: 28.90 ft 49. Struct. Length: 29.90 ft		58. Deck: 6 Satisfactory 62. Culvert: N/A (NBI) 59. Sup.: 5 Fair 61. Chan./Chan. Prot.: 6 Bank Slumping 60. Sub: 5 Fair																																
<b>OKLAHOMA ITEMS</b>		<b>LOAD RATING AND POSTING</b>																																
200c. Temperature: 64 200d. Weather: Ptly Cloudy 201. Struc.Stl. ASTM Desig.: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: Open Joint-No Device 204. Type of Railing: W-Beam 205. Material Quantity: -1.00 208a. Type of Abutment: Skeleton b. Type of Found.: Steel Piling 209. Type of Pier/Found.: - / - 210. Foundation Elev.: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>-1.00</td> <td>-1.00</td> <td>-1.00</td> </tr> <tr> <td>-1.00</td> <td>-1.00</td> <td>-1.00</td> </tr> </table> 211. Wear. Surf. Prot. Sys: Date Installed: 01/01/1901 211c. Silane Reapplied 211d. Date: 213. Utilities Attached:		-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	31. Design Load: MS 18 (HS 20) 41. Post. Status: A Open, no restriction 70. Posting: 5 At/Above Legal Loads 63. Op / 65. Inv. Rating Meth.: 1 LF Load Factor / 1 LF Load Factor <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>H</th> <th>HS</th> <th>3-3</th> <th>EV3</th> <th>SHV</th> </tr> </thead> <tbody> <tr> <td>64. Operating Rating (tons):</td> <td>47.30</td> <td>74.80</td> <td></td> <td>61.60</td> <td>67.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>28.40</td> <td>44.90</td> <td></td> <td>37.00</td> <td></td> </tr> </tbody> </table> Date Rated: 11/25/2019 64. Operating Rating (tons): 66. Inventory Rating (tons):				H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	47.30	74.80		61.60	67.00	66. Inventory Rating (tons):	28.40	44.90		37.00							
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<b>BRIDGE DATA</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 218. Functionally Obsolete: - 220. Bridge Redecked: - 221. Substr. Cond. (U/W): 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: Red Lead 3 Coat System N/A 226. Date Painted: 1997 227. Paint Color: Silver 233. Deck Forming: Perm. Metal Deck Form 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Asphalt/Bituminous 243. Grdr Spacing/No.: 34.00 /		68. Deck Geom.: 6 Equal Min Criteria 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 8 Equal Desirable 72. Appr. Alignment: 8 Equal Desirable Crit 67. Str Evaluation: 5 Above Min Toler 113. Scour Critical: 8 Stable Above Footin																																
<b>PROPOSED IMPROVEMENTS</b>		<b>NAVIGATION DATA</b>																																
94. Bridge Cost: \$673,153 95. Roadway Cost: \$764,000 96. Total Cost: \$1,461,000 97. Yr. of Cost Est.: 2015		75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 109.9 ft 114. Future ADT: 120 115. Yr. of Future ADT: 2039																																
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 25232	<b>Structure No.:</b> 60E0540N3460008	<b>Local ID:</b> 011A 1	<b>Suff. Rating:</b> 86.00	<b>ND</b>
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Inspection Date: 10/15/21	Greg Wilson	
Invoice No.: 2105-42	Inspected With: John Chandler	

**BRIDGE NOTES:**

10 beams.

**INSPECTION NOTES: 10/15/21**

Built 1997, rusty 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	759.00	0%	0.00	100%	759.00	0%	0.00	0%	0.00
Asphalt overlay. Lite cracking of overlay @ deck ends. FX - Deck corners are unmarked.											
510 / 1	Wearing Surfaces	sq.ft	759.00	0%	0.00	100%	759.00	0%	0.00	0%	0.00
Asphalt overlay. Lite cracking of overlay @ deck ends.											
107 / 1	Steel Opn Girder/Beam	ft	200.00	0%	0.00	0%	0.00	100%	200.00	0%	0.00
FX - Surface rust & lite to Mod. pitting. - MINOR EXFOLIATION ON BOTTOM FLANGE											
219 / 1	Stl Abutment	ft	49.00	0%	0.00	0%	0.00	100%	49.00	0%	0.00
FX - Lite exfoliation @ ground both abutments.											
225 / 1	Steel Pile	(EA)	18.00	0%	0.00	44%	8.00	56%	10.00	0%	0.00
FX - Light to Moderate pitting - Exfol. to all piles ALL PILES. worst near groundline. FX - (8) WING PILES - MODERATE SURFACE RUST.											
231 / 1	Steel Pier Cap	ft	56.00	0%	0.00	100%	56.00	0%	0.00	0%	0.00
FX - Moderate surface rust has formed or is forming.											
330 / 1	Metal Bridge Railing	ft	59.00	0%	0.00	100%	59.00	0%	0.00	0%	0.00
Scattered scrapes^ low rail											
919 / 1	St.(Rail) Prot. Coat	(SF)	169.00	0%	0.00	100%	169.00	0%	0.00	0%	0.00
SUBSTANTIALLY EFFECTIVE.											
865 / 1	St.Open Gird End(5Ft)	(LF)	100.00	0%	0.00	0%	0.00	100%	100.00	0%	0.00
FX - Surface rust & Lite to Mod. pitting. with minor exfoliation on bottom flanges											
871 / 1	Steel Wingwall	(EA)	4.00	0%	0.00	100%	4.00	0%	0.00	0%	0.00
MODERATE RUST											
890 / 1	Steel SIP Form	(LF)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
MODERATE SURFACE RUST											
963 / 1	Steel Section Loss SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
FX - Exfoliation noted @ steel piles & steel abutments beams											

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 011A



NBI #: 25232 Str #: 60E0540N3460008  
Payne County

Facility Carried: LONE CHIMNEY(E0540  
Feature Int.: CREEK

2021-10-15  
Looking W



NBI #: 25232 Str #: 60E0540N3460008  
Payne County

Facility Carried: LONE CHIMNEY(E0540  
Feature Int.: CREEK

2021-10-15  
Looking N

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 011A



NBI #: 25232 Str #: 60E0540N3460008  
Payne County

Facility Carried: LONE CHIMNEY(E0540  
Feature Int.: CREEK

2021-10-15  
W. Abutment



NBI #: 25232 Str #: 60E0540N3460008  
Payne County

Facility Carried: LONE CHIMNEY(E0540  
Feature Int.: CREEK

2021-10-15  
E. Abutment

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 011A



NBI #: 25232 Str #: 60E0540N3460008  
Payne County

Facility Carried: LONE CHIMNEY(E0540  
Feature Int.: CREEK

2021-10-15  
BEAMS

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 04148	<b>Structure No.:</b> 60E0545N3410009	<b>Local ID:</b> 012 1	<b>Suff. Rating:</b> 69.50	<b>FO</b>																														
<b>Bridge Description:</b> 30ft. CONC GIRDER SPAN		<b>IDENTIFICATION</b>																																
1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0545 5e. Dir. Sufx: N/A (NBI)		7. Facility Carried: BURKHART RD 6. Feat. Intersect: CAMP CREEK 9. Location: BURTHART RD\ROSE RD .81 11. Mile Post: 0.900 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 13' 31.15" 17. Longitude: 096° 54' 36.76" 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: Concrete / 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		<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>10/15/2021</td> <td>10/15/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>			Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	10/15/2021	10/15/2023	FC:	N	0		NA	NA	UW:	N	0		NA	NA	OS:	N	0		NA	NA
Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.																													
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UW:	N	0		NA	NA																													
OS:	N	0		NA	NA																													
<b>AGE AND SERVICE</b>		<b>CLASSIFICATION</b>																																
19. Detour Length: 5.5 mi 27. Year Built: 1934 28a/b. Lanes on/und: 1 / 0 29. ADT: 50 30. Year of ADT: 2019 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: 16.00 ft 48. Length Max Span: 27.90 ft 49. Struct. Length: 29.90 ft		58. Deck: 6 Satisfactory 62. Culvert: N/A (NBI) 59. Sup.: 5 Fair 61. Chan./Chan. Prot.: 5 Bank Prot Eroded 60. Sub: 5 Fair 63. Flowline Notes: N TO TOC FL 18.5' + 17' FROM W ABUT																																
<b>OKLAHOMA ITEMS</b>		<b>LOAD RATING AND POSTING</b>																																
200c. Temperature: 60 200d. Weather: Ptly Cloudy 201. Struc.Stl. ASTM Desig.: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: Open Joint-No Device 204. Type of Railing: N/A 205. Material Quantity: -1.00 208a. Type of Abutment: Cantilever b. Type of Found.: Bears on Natural Found. 209. Type of Pier/Found.: - / - 210. Foundation Elev.: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>-1.00</td> <td>-1.00</td> <td>-1.00</td> </tr> <tr> <td>-1.00</td> <td>-1.00</td> <td>-1.00</td> </tr> </table> 211. Wear. Surf. Prot. Sys: None Date Installed: 01/01/1901 211c. Silane Reapplied 211d. Date: 213. Utilities Attached: Communication		-1.00	-1.00	-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>33.00</td> <td>60.00</td> <td></td> <td></td> <td></td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>20.00</td> <td>36.00</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> Date Rated: 11/18/2017				H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	33.00	60.00				66. Inventory Rating (tons):	20.00	36.00									
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	H	HS	3-3	EV3	SHV																													
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66. Inventory Rating (tons):	20.00	36.00																																
<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: 16.00 ft 52. Width Out to Out: 18.00 ft Deck Area: 538.20 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: 5 Above Min Toler																																
<b>OKLAHOMA ITEMS</b>		<b>PROPOSED IMPROVEMENTS</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 218. Functionally Obsolete: FO 220. Bridge Redecked: - 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: - 233. Deck Forming: Conventional Forming 238. School Bus Rte.: Current & Desired route 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: /		68. Deck Geom.: 3 Intolerable - Correct 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 7 Above Minimum 72. Appr. Alignment: 8 Equal Desirable Crit 113. Scour Critical: 5 Stable w/in footing																																
<b>OKLAHOMA ITEMS</b>		<b>NAVIGATION DATA</b>																																
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 04148	<b>Structure No.:</b> 60E0545N3410009	<b>Local ID:</b> 012 1	<b>Suff. Rating:</b> 69.50	<b>FO</b>
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Inspection Date: 10/15/21 Greg Wilson

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Invoice No.: 2105-42 Inspected With: John Chandler



**BRIDGE NOTES:**

5 girders.

**INSPECTION NOTES:** 10/15/21

**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	478.00	0%	0.00	100%	478.00	0%	0.00	0%	0.00
3-4 inches of gravel over deck.											
510 / 1	Wearing Surfaces	sq.ft	478.00	100%	478.00	0%	0.00	0%	0.00	0%	0.00
3-4 inches of gravel over deck.											
110 / 1	Re Conc Opn Girder/Beam	ft	141.00	55%	78.00	40%	56.00	5%	7.00	0%	0.00
FX - 4 or 5 small delamination on inside face on west end of north girder. 3-4 small spalls at east end of same girder (all due to insufficient cover on stirrup bars). Small spalls on bottom of #1 & #5 at the 1/3rd points. Minor cracking near junction of girders w/soffit. Still satisfactory to fair overall.											
215 / 1	Re Conc Abutment	ft	36.00	0%	0.00	97%	35.00	3%	1.00	0%	0.00
FX - HEAVY SCALING (1) VERTICAL 3/8in. CRACKING W. ABUTMENT S. END											
859 / 1	Soffit	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
FX - Light scaling most areas. Some rebar visible at honeycomb areas. Lite Spalls noted under curbs.											
870 / 1	Concrete Wingwall	(EA)	4.00	0%	0.00	100%	4.00	0%	0.00	0%	0.00
SOME SCALING											
961 / 1	Scour SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
Scour beginning base west abutment. minor. Water covers base of west abutment.											

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 012



NBI #: 04148 Str #: 60E0545N3410009  
Payne County

Facility Carried: BURKHART RD  
Feature Int.: CAMP CREEK

2021-10-15  
Looking W



NBI #: 04148 Str #: 60E0545N3410009  
Payne County

Facility Carried: BURKHART RD  
Feature Int.: CAMP CREEK

2021-10-15  
Looking S



**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 012



NBI #: 04148 Str #: 60E0545N3410009  
Payne County

Facility Carried: BURKHART RD  
Feature Int.: CAMP CREEK

2021-10-15  
N BEAM



NBI #: 04148 Str #: 60E0545N3410009  
Payne County

Facility Carried: BURKHART RD  
Feature Int.: CAMP CREEK

2021-10-15  
W. Abutment

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 012



NBI #: 04148 Str #: 60E0545N3410009  
Payne County

Facility Carried: BURKHART RD  
Feature Int.: CAMP CREEK

2021-10-15  
W. Abutment

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 05877	<b>Structure No.:</b> 60E0550N3440002	<b>Local ID:</b> 013 1	<b>Suff. Rating:</b> 85.70
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<b>Bridge Description:</b> 2-10ft. CONC SLAB SPANS	<b>IDENTIFICATION</b>																				
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">1. State: Oklahoma</td> <td style="width: 50%; border: none;">7. Facility Carried : GLENCOE RD(E0550)</td> </tr> <tr> <td style="border: none;">2. Division: Division 4</td> <td style="border: none;">6. Feat. Intersect: CREEK</td> </tr> <tr> <td style="border: none;">3. County: PAYNE</td> <td style="border: none;">9. Location: GLENCOE\CNCL CRK .2E</td> </tr> <tr> <td style="border: none;">4. City: Unknown</td> <td style="border: none;">11. Mile Post: 0.200 mi</td> </tr> <tr> <td style="border: none;">Admin Area: Cnty. District 1</td> <td style="border: none;">13. LRS Inv. / Sub Rte: -1 / -1</td> </tr> <tr> <td style="border: none;">5a. On/Under: Route On Structure</td> <td style="border: none;">16. Latitude: 36° 13' 02.91"</td> </tr> <tr> <td style="border: none;">5b. Kind of Hwy: County Hwy</td> <td style="border: none;">17. Longitude: 096° 52' 10.40"</td> </tr> <tr> <td style="border: none;">5c. Lvl of Svc: Mainline</td> <td style="border: none;">98. Border Brdg: Unknown (P)</td> </tr> <tr> <td style="border: none;">5d. Route No.: E0550</td> <td style="border: none;">% Responsible: 0.00</td> </tr> <tr> <td style="border: none;">5e. Dir. Sufx: N/A (NBI)</td> <td style="border: none;">99. Border Brdg #: Unknown</td> </tr> </table>		1. State: Oklahoma	7. Facility Carried : GLENCOE RD(E0550)	2. Division: Division 4	6. Feat. Intersect: CREEK	3. County: PAYNE	9. Location: GLENCOE\CNCL CRK .2E	4. City: Unknown	11. Mile Post: 0.200 mi	Admin Area: Cnty. District 1	13. LRS Inv. / Sub Rte: -1 / -1	5a. On/Under: Route On Structure	16. Latitude: 36° 13' 02.91"	5b. Kind of Hwy: County Hwy	17. Longitude: 096° 52' 10.40"	5c. Lvl of Svc: Mainline	98. Border Brdg: Unknown (P)	5d. Route No.: E0550	% Responsible: 0.00	5e. Dir. Sufx: N/A (NBI)	99. Border Brdg #: Unknown
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5d. Route No.: E0550	% Responsible: 0.00																				
5e. Dir. Sufx: N/A (NBI)	99. Border Brdg #: Unknown																				
<b>STRUCTURE TYPE AND MATERIALS</b>																					
43a/b. Main Span: Concrete / Slab																					
44a/b. Appr. Span: N/A / Not Applicable (P)																					
45. # of Main Spans: 2																					
46. # of Appr. Spans: 0																					
107. Deck Type: Concrete-Cast-in-Place																					
108a. Wearing Surface: Gravel																					
108b. Membrane: None																					
108c. Deck protection: None																					
<b>AGE AND SERVICE</b>																					
19. Detour Length: 4.0 mi																					
27. Year Built: 1938																					
28a/b. Lanes on/und: 2 / 0																					
29. ADT: 50																					
30. Year of ADT: 2019																					
42a/b. Type of Svc on/und: Highway / Waterway																					
<b>GEOMETRIC DATA</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: 26.00 ft																					
48. Length Max Span: 9.80 ft																					
49. Struct. Length: 22.00 ft																					
50a. Curb/Sdwk Width L: 0.00 ft																					
50b. Curb/Sdwk Width R: 0.00 ft																					
51. Width Curb to Curb: 26.00 ft																					
52. Width Out to Out: 28.00 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																					
<b>OKLAHOMA ITEMS</b>																					
200c. Temperature: 62																					
200d. Weather: Ptty Cloudy																					
201. Struc. Stl. ASTM Desig.: -1 / -1																					
202. Waterprf. Membrane: -1																					
Date Installed: 01/01/1901																					
203. Type Exp. Device: Open Joint-No Device																					
204. Type of Railing: N/A																					
205. Material Quantity: -1.00																					
208a. Type of Abutment: Other																					
b. Type of Found.: Bears on Natural Found.																					
209. Type of Pier/Found.: 1 / -																					
No Piling/Drilled Shaft																					
210. Foundation Elev.: -1.00 / -1.00																					
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211. Wear. Surf. Prot. Sys: None																					
Date Installed: 01/01/1901																					
211c. Silane Reapplied																					
211d. Date:																					
213. Utilities Attached:																					
214a. Posted Weight Limit: NR																					
b. Posted Speed Limit: NR																					
c. Narrow/1way Brdg Sign: No																					
d. Vertical Clr. Sign: No																					
Adv. Warning Sign: No																					
e. Navigation Lights?: No																					
Working/Not Working: No																					
215. Overpass: ACCO																					
218. Functionally Obsolete: -																					
220. Bridge Redecked: -																					
221. Substr. Cond. (U/W): -																					
222. Fill Over RCB: -																					
223. Appr. Slab/Rwy Cond.: 3																					
225. Paint Type/Ovrct: -																					
N/A																					
226. Date Painted:																					
227. Paint Color: -																					
233. Deck Forming: Conventional Forming																					
238. School Bus Rte.: Not Desired/Current rte.																					
240. Appr. Rwy Type.: Gravel																					
243. Grdr Spacing/No.: /																					
244. Span Lengths: 10 10																					
245. Girder Depth:																					
246a. Type of Overlay: Soil																					
b. Overlay Thickness: 2.00																					
c. Overlay Date: 03/26/1998																					
d. Ovlv Depth Changed >1": N																					
247. Protective Systems:																					
248. # Field Splices w/ Corrosion:																					
249. Scour Crit. POA Exists?: -																					
250. Headwall:																					
258. Plans w/Found.in ODOT File: -																					
259. Scour Eval. in ODOT File: -																					
263. Interchange at Intersection: -																					
264. Interstate Milepoint: -1.00																					

<b>INSPECTION</b>					
<b>Type</b>	<b>Insp. Req.</b>	<b>Insp. Done</b>	<b>Freq.</b>	<b>Insp. Date</b>	<b>Next Insp.</b>
NBI:		1	24 months	10/15/2021	10/15/2023
FC:	N	0		NA	NA
UW:	N	0		NA	NA
OS:	N	0		NA	NA
<b>CLASSIFICATION</b>					
12. Base Hwy Net.: Not on Base Network		101. Parallel Str.: No    bridge exists		102. Traffic Dir.: 2-way traffic	
20. Toll Facility: On free road		21. Custodian: County		103. Temp. Str.: Not Applicable (P)	
22. Owner: County		26. Function Class: 09 Rural Local		104. Hwy System: Not on NHS	
21. Historical Sig.: Not eligible for NRHP		105. Fed Land Hwy: N/A (NBI)		110. Defense Hwy: Not a STRAHNET hwy	
100. Def. Hwy: Not a STRAHNET hwy		112. NBIS Length: Long Enough			
<b>CONDITION</b>					
58. Deck: 6 Satisfactory		59. Sup.: 6 Satisfactory		60. Sub: 6 Satisfactory	
62. Culvert: N/A (NBI)		61. Chan./Chan. Prot.: 7 Minor Damage			
<b>Flowline Notes</b>					
Bridge has masonry floor, breaking apart. FL 7.6 TOP of HDWL 4' E of SW COR					
<b>LOAD RATING AND POSTING</b>					
31. Design Load: MS 18 (HS 20)		Date Rated: 11/18/2017			
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		H HS 3-3 EV3 SHV			
64. Operating Rating (tons): 23.00		41.00			
66. Inventory Rating (tons): 13.00		24.00			
<b>APPRAISAL</b>					
36a. Brdg Rail: 0 Substandard		68. Deck Geom.: 6 Equal Min Criteria			
36b. Transition: 0 Substandard		69. Vert./Horiz. Undclr: Not applicable (NB)			
36c. Appr. Rail: 0 Substandard		71. Waterway Adeq: 7 Above Minimum			
36d. Appr. Rail Ends: 0 Substandard		72. Appr. Alignment: 8 Equal Desirable Crit			
67. Str Evaluation: 6 Equal Min Criteria		113. Scour Critical: 8 Stable Above Footin			
<b>PROPOSED IMPROVEMENTS</b>					
94. Bridge Cost: \$143,000		75. Type of Work: 31 Repl-Load Capacity			
95. Roadway Cost: \$78,000		76. Lngth of Improvement: 91.6 ft			
96. Total Cost: \$225,000		114. Future ADT: 80			
97. Yr. of Cost Est.: 2015		115. Yr. of Future ADT: 2039			
<b>NAVIGATION DATA</b>					
38. Nav. Control: Permit Not Required		111. Pier Protect.: Not Applicable (P)			
39. Vert. Clearance: 0.0 ft		116. Lift Bridge Vert. Clr.: 0.0 ft			
40. Horiz. Clearance: 0.0 ft					

# Oklahoma Dept. of Transportation - Bridge Inspection Report

**NBI No.:**  
05877

**Structure No.:**  
60E0550N3440002

**Local ID:**  
013 1

**Suff. Rating:**  
85.70

Inspection Date: 10/15/21 Greg Wilson  
 Invoice No.: 2105-42 Inspected With: John Chandler

**BRIDGE NOTES:**

**INSPECTION NOTES:** 10/15/21

NOTE - Str. has masonry floor that is coming apart.

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
38 / 1	Re Concrete Slab	sq.ft	572.00	90%	515.00	10%	57.00	0%	0.00	0%	0.00
1-2in. average gravel overlay at this time.											
510 / 1	Wearing Surfaces	sq.ft	572.00	100%	572.00	0%	0.00	0%	0.00	0%	0.00
1-2in. average gravel overlay at this time.											
211 / 1	Other Pier Wall	ft	28.00	100%	28.00	0%	0.00	0%	0.00	0%	0.00
REPAIRS MADE 2021											
217 / 1	Masonry Abutment	ft	56.00	100%	56.00	0%	0.00	0%	0.00	0%	0.00
REPAIRS MADE 2021											
859 / 1	Soffit	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
REPAIRS MADE 2021. FEW OLDER PATCHES STATRING TO WEAR.											
875 / 1	Masonry Wingwall	(EA)	4.00	0%	0.00	100%	4.00	0%	0.00	0%	0.00
MORTAR AT CONNECTION BREAKING LOOSE											
965 / 1	Debris SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
MINOR DEBRIS ON S. END OF STRUCTURE											

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 013



NBI #: 05877 Str #: 60E0550N3440002  
Payne County

Facility Carried: GLENCOE RD(E0550)  
Feature Int.: CREEK

2021-10-15  
Looking N



NBI #: 05877 Str #: 60E0550N3440002  
Payne County

Facility Carried: GLENCOE RD(E0550)  
Feature Int.: CREEK

2021-10-15  
Looking N

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 013



NBI #: 05877 Str #: 60E0550N3440002  
Payne County

Facility Carried: GLENCOE RD(E0550)  
Feature Int.: CREEK

2021-10-15  
Looking N



NBI #: 05877 Str #: 60E0550N3440002  
Payne County

Facility Carried: GLENCOE RD(E0550)  
Feature Int.: CREEK

2021-10-15  
Looking N

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 013



NBI #: 05877 Str #: 60E0550N3440002  
Payne County

Facility Carried: GLENCOE RD(E0550)  
Feature Int.: CREEK

2021-10-15  
Looking N



NBI #: 05877 Str #: 60E0550N3440002  
Payne County

Facility Carried: GLENCOE RD(E0550)  
Feature Int.: CREEK

2021-10-15  
Looking N

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 26503	<b>Structure No.:</b> 60E0570N3370009	<b>Local ID:</b> 019 1	<b>Suff. Rating:</b> 97.00	<b>ND</b>
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<p><b>Bridge Description:</b> IDENTIFICATION</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">29ft. I-BM SPAN</div> <p>1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0570 5e. Dir. Sufx: N/A (NBI)</p> <p>7. Facility Carried: VFW RD. 6. Feat. Intersect: CREEK 9. Location: VFW RD\FAIRGNDS RD .9E 11. Mile Post: NA 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 11' 20.25" 17. Longitude: 096° 58' 57.76" 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>10/12/2021</td> <td>10/12/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table> <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	10/12/2021	10/12/2023	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: Concrete-Cast-in-Place 108a. Wearing Surface: Monolithic Concrete 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> S TO TOD FL 16.0' + 15' FROM W ABUT</p> <p>59. Sup.: 6 Satisfactory 61. Chan./Chan. Prot.: 7 Minor Damage 60. Sub: 6 Satisfactory</p>
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<p style="text-align: center;"><b>AGE AND SERVICE</b></p> <p>19. Detour Length: 4.0 mi 27. Year Built: 2001 28a/b. Lanes on/und: 2 / 0 29. ADT: 50 30. Year of ADT: 2019 42a/b. Type of Svc on/und: Highway / Waterway</p> <p>106. Year Reconst.: 0 109. Truck ADT: 10%</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: 01/05/2022</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>70.00</td> <td>114.00</td> <td></td> <td>91.00</td> <td>102.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>42.00</td> <td>68.00</td> <td></td> <td>55.00</td> <td></td> </tr> </tbody> </table>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	70.00	114.00		91.00	102.00	66. Inventory Rating (tons):	42.00	68.00		55.00	
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64. Operating Rating (tons):	70.00	114.00		91.00	102.00														
66. Inventory Rating (tons):	42.00	68.00		55.00															

<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: 30.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 25.70 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: 25.70 ft 52. Width Out to Out: 26.30 ft Deck Area: 788.97 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: 6 Equal Min Criteria</p> <p>68. Deck Geom.: 6 Equal Min Criteria 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 8 Equal Desirable 72. Appr. Alignment: 8 Equal Desirable 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: 71 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: W-Beam 205. Material Quantity: -1.00 208a. Type of Abutment: Skeleton b. Type of Found.: Steel Piling 209. Type of Pier/Found.: - / - 210. Foundation Elev.: -1.00    -1.00 -1.00    -1.00    -1.00 211. Wear. Surf. Prot. Sys: Date Installed: 01/01/1901 211c. Silane Reapplied 211d. Date: 213. Utilities Attached: Communication</p>	<p style="text-align: center;"><b>PROPOSED IMPROVEMENTS</b></p> <p>94. Bridge Cost: \$165,000 95. Roadway Cost: \$91,000 96. Total Cost: \$261,000 97. Yr. of Cost Est.: 2015</p> <p>75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 106.0 ft 114. Future ADT: 80 115. Yr. of Future ADT: 2039</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.: Not Applicable (P) 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 215. Overpass: ACCO 218. Functionally Obsolete: - 220. Bridge Redecked: - 221. Substr. Cond. (U/W): 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: Red Lead 3 Coat System N/A 226. Date Painted: 2001 227. Paint Color: Silver 233. Deck Forming: Perm. Metal Deck Form 238. School Bus Rte.: Current &amp; Desired route 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: 43.00 /</p>	<p>244. Span Lengths: 28</p> <p>245. Girder Depth: 24.00 246a. Type of Overlay: NA b. Overlay Thickness: c. Overlay Date: 01/01/1901 d. Ovlv Depth Changed &gt;1": - 247. Protective Systems: <table border="1" style="width: 100%; border-collapse: collapse; height: 40px;"> <tr><td style="width: 50%;"></td><td style="width: 50%;"></td></tr> <tr><td style="width: 50%;"></td><td style="width: 50%;"></td></tr> </table></p> <p>248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: - 250. Headwall: 258. Plans w/ Found. in ODOT File: - 259. Scour Eval. in ODOT File: - 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00</p>				





**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 019



NBI #: 26503 Str #: 60E0570N3370009  
Payne County

Facility Carried: VFW RD.  
Feature Int.: CREEK

2021-10-12  
Looking W



NBI #: 26503 Str #: 60E0570N3370009  
Payne County

Facility Carried: VFW RD  
Feature Int.: CREEK

2021-10-12  
Looking W

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 26504	<b>Structure No.:</b> 60E0570N3380009	<b>Local ID:</b> 020 1	<b>Suff. Rating:</b> 86.00	<b>ND</b>
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<b>Bridge Description:</b> 25ft. I-BM SPAN	<b>IDENTIFICATION</b>
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1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0570 5e. Dir. Sufx: N/A (NBI)	7. Facility Carried : BURRIS RD. 6. Feat. Intersect: CREEK 9. Location: VFW RD\PRAIRIE RD .9E 11. Mile Post: NA 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 11' 20.58" 17. Longitude: 096° 57' 45.77" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown
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<b>STRUCTURE TYPE AND MATERIALS</b> 43a/b. Main Span: Steel / Stringer/Girder 44a/b. Appr. Span: Unknown / Unknown (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	<b>INSPECTION</b> <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>10/12/2021</td> <td>10/12/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>	Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	10/12/2021	10/12/2023	FC:	N	0		NA	NA	UW:	N	0		NA	NA	OS:	N	0		NA	NA
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FC:	N	0		NA	NA																										
UW:	N	0		NA	NA																										
OS:	N	0		NA	NA																										

47. Deck Surface: Monolithic Concrete 48. Length Max Span: 24.00 ft 49. Struct. Length: 25.00 ft	<b>CLASSIFICATION</b> 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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19. Detour Length: 4.0 mi 27. Year Built: 2001 28a/b. Lanes on/und: 2 / 0 29. ADT: 50 30. Year of ADT: 2019 42a/b. Type of Svc on/und: Highway / Waterway	<b>CONDITION</b> 58. Deck: 6 Satisfactory 62. Culvert: N/A (NBI) 59. Sup.: 5 Fair 61. Chan./Chan. Prot.: 7 Minor Damage 60. Sub: 6 Satisfactory
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<b>AGE AND SERVICE</b> 106. Year Reconst.: 0 109. Truck ADT: 10%	<b>LOAD RATING AND POSTING</b> 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 64. Operating Rating (tons): <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>H</td> <td>HS</td> <td>3-3</td> <td>EV3</td> <td>SHV</td> </tr> <tr> <td>58.00</td> <td>105.00</td> <td></td> <td>78.00</td> <td>96.00</td> </tr> <tr> <td>35.00</td> <td>63.00</td> <td></td> <td>47.00</td> <td></td> </tr> </table> 66. Inventory Rating (tons):	H	HS	3-3	EV3	SHV	58.00	105.00		78.00	96.00	35.00	63.00		47.00	
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58.00	105.00		78.00	96.00												
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<b>GEOMETRIC DATA</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: 25.40 ft 48. Length Max Span: 24.00 ft 49. Struct. Length: 25.00 ft	50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 25.40 ft 52. Width Out to Out: 26.00 ft Deck Area: 650.02 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
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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: Open Joint-No Device 204. Type of Railing: W-Beam 205. Material Quantity: -1.00 208a. Type of Abutment: Skeleton b. Type of Found.: Steel Piling 209. Type of Pier/Found.: - / - 210. Foundation Elev.: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>-1.00</td> <td>-1.00</td> <td>-1.00</td> </tr> <tr> <td>-1.00</td> <td>-1.00</td> <td>-1.00</td> </tr> </table> 211. Wear. Surf. Prot. Sys: Date Installed: 01/01/1901 211c. Silane Reapplied 211d. Date: 213. Utilities Attached:	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	<b>OKLAHOMA ITEMS</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 218. Functionally Obsolete: - 220. Bridge Redecked: - 221. Substr. Cond. (U/W): 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 2 225. Paint Type/Ovrct: Red Lead 3 Coat System N/A 226. Date Painted: 2001 227. Paint Color: Silver 233. Deck Forming: Perm. Metal Deck Form 238. School Bus Rte.: Current & Desired route 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: 39.00 /
-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: 5 Above Min Toler	<b>APPRAISAL</b> 68. Deck Geom.: 6 Equal 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: 8 Stable Above Footin
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94. Bridge Cost: \$153,000 95. Roadway Cost: \$84,000 96. Total Cost: \$241,000 97. Yr. of Cost Est.: 2015	<b>PROPOSED IMPROVEMENTS</b> 75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 98.0 ft 114. Future ADT: 80 115. Yr. of Future ADT: 2039
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38. Nav. Control: Permit Not Required 39. Vert. Clearance: 0.0 ft 40. Horiz. Clearance: 0.0 ft	<b>NAVIGATION DATA</b> 111. Pier Protect.: Not Applicable (P) 116. Lift Bridge Vert. Clr.: 0.0 ft
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244. Span Lengths: 25 245. Girder Depth: 20.00 246a. Type of Overlay: NA b. Overlay Thickness: 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?: - 250. Headwall: 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> 26504	<b>Structure No.:</b> 60E0570N3380009	<b>Local ID:</b> 020 1	<b>Suff. Rating:</b> 86.00	<b>ND</b>
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Inspection Date: 10/12/21	Greg Wilson	
Invoice No.: 2105-42	Inspected With: John Chandler	



**BRIDGE NOTES:**

9 Beams.

**INSPECTION NOTES:** 10/12/21

**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	635.00	0%	0.00	100%	635.00	0%	0.00	0%	0.00
FX - Deck has rough finish and uneven surface. Condition good overall. LOOSE DIRT AND GRAVEL											
107 / 1	Steel Opn Girder/Beam	ft	151.00	0%	0.00	80%	121.00	20%	30.00	0%	0.00
FX - Some light to moderate pitting on bottom flanges of #1. #3. #4. #5. & #9 girders - heavy surface rust on other exposed areas. -- BEAMS #3 AND 5 has areas of exfoliation on lower flanges.											
515 / 1	Steel Protective Coating	sq.ft	1,237.00	0%	0.00	0%	0.00	0%	0.00	100%	1,237.00
PROTECTION FAILED											
219 / 1	Stl Abutment	ft	52.00	0%	0.00	100%	52.00	0%	0.00	0%	0.00
FX - Lite to Mod surface rust											
225 / 1	Steel Pile	(EA)	18.00	0%	0.00	100%	18.00	0%	0.00	0%	0.00
FX - Moderate surface rust only. (8) WINGS PILES SURFACE RUST.											
231 / 1	Steel Pier Cap	ft	56.00	0%	0.00	100%	56.00	0%	0.00	0%	0.00
FX - Lite to Moderate surface rust overall.											
330 / 1	Metal Bridge Railing	ft	50.00	0%	0.00	100%	50.00	0%	0.00	0%	0.00
Surface defects^ scrapes & bulging.											
919 / 1	St.(Rail) Prot. Coat	(SF)	143.00	0%	0.00	100%	143.00	0%	0.00	0%	0.00
SUBSTANTIALLY EFFECTIVE											
865 / 1	St.Open Gird End(5Ft)	(LF)	90.00	0%	0.00	78%	70.00	22%	20.00	0%	0.00
FX -Some light to moderate pitting on bottom flanges of #1. #3. #4. #5. & #9 girders - heavy surface rust on other exposed areas.BEAMS #3 AND #5 WITH MINOR EXFOLIATION											
871 / 1	Steel Wingwall	(EA)	4.00	0%	0.00	100%	4.00	0%	0.00	0%	0.00
RUST											
890 / 1	Steel SIP Form	(LF)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
SURFACE RUST											
963 / 1	Steel Section Loss SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
FX - Exfoliation on beam. pitting on others. (2) BEAMS											

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 020



NBI #: 26504 Str #: 60E0570N3380009  
Payne County

Facility Carried: BURRIS RD.  
Feature Int.: CREEK

2021-10-12  
Looking E



NBI #: 26504 Str #: 60E0570N3380009  
Payne County

Facility Carried: BURRIS RD.  
Feature Int.: CREEK

2021-10-12  
Looking N

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 020



NBI #: 26504 Str #: 60E0570N3380009  
Payne County

Facility Carried: BURRIS RD.  
Feature Int.: CREEK

2021-10-12  
BEAM 3



NBI #: 26504 Str #: 60E0570N3380009  
Payne County

Facility Carried: BURRIS RD.  
Feature Int.: CREEK

2021-10-12  
W. Abutment

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 24621	<b>Structure No.:</b> 60E0570N3400003	<b>Local ID:</b> 021 1	<b>Suff. Rating:</b> 95.00	<b>ND</b>																														
<b>Bridge Description:</b> 28ft. I-BM SPAN, 20 FT. RDY.		<b>IDENTIFICATION</b>																																
1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0570 5e. Dir. Sufx: N/A (NBI)		6. Feat. Intersect: CREEK 7. Facility Carried: VFW RD. 9. Location: VFW RD\DIAMND VY.3E 11. Mile Post: 0.300 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 11' 21.54" 17. Longitude: 096° 56' 21.12" 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>10/14/2021</td> <td>10/14/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>			Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	10/14/2021	10/14/2023	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	10/14/2021	10/14/2023																													
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: 1993 28a/b. Lanes on/und: 2 / 0 29. ADT: 50 30. Year of ADT: 2019 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: 19.36 ft 48. Length Max Span: 27.89 ft 49. Struct. Length: 27.89 ft		58. Deck: 6 Satisfactory 62. Culvert: N/A (NBI) 59. Sup.: 6 Satisfactory 61. Chan./Chan. Prot.: 6 Bank Slumping <b>Flowline Notes</b> S TO TOD FL 14.4' + 11' FROM W ABUT																																
<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: Open Joint-No Device 204. Type of Railing: W-Beam 205. Material Quantity: -1.00 208a. Type of Abutment: Skeleton b. Type of Found.: Steel Piling 209. Type of Pier/Found.: - / - 210. Foundation Elev.: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">-1.00</td> <td style="width: 33%;">-1.00</td> <td style="width: 33%;">-1.00</td> </tr> <tr> <td>-1.00</td> <td>-1.00</td> <td>-1.00</td> </tr> </table> 211. Wear. Surf. Prot. Sys: None Date Installed: 01/01/1901 211c. Silane Reapplied 211d. Date: 213. Utilities Attached: Communication		-1.00	-1.00	-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>46.00</td> <td>75.00</td> <td></td> <td>60.00</td> <td>67.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>27.00</td> <td>45.00</td> <td></td> <td>36.00</td> <td></td> </tr> </tbody> </table> Date Rated: 01/04/2022				H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	46.00	75.00		60.00	67.00	66. Inventory Rating (tons):	27.00	45.00		36.00							
-1.00	-1.00	-1.00																																
-1.00	-1.00	-1.00																																
	H	HS	3-3	EV3	SHV																													
64. Operating Rating (tons):	46.00	75.00		60.00	67.00																													
66. Inventory Rating (tons):	27.00	45.00		36.00																														
<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 218. Functionally Obsolete: - 220. Bridge Redecked: - 221. Substr. Cond. (U/W): 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 2 225. Paint Type/Ovrct: Red Lead 3 Coat System N/A 226. Date Painted: 1993 227. Paint Color: Silver 233. Deck Forming: Perm. Metal Deck Form 238. School Bus Rte.: Current & Desired route 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: 46.00 /		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: 6 Equal Min Criteria 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																																
<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: 80 115. Yr. of Future ADT: 2039																																
<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.: Not Applicable (P) 116. Lift Bridge Vert. Clr.: 0.0 ft 244. Span Lengths: 28 245. Girder Depth: 21.00 246a. Type of Overlay: NA b. Overlay Thickness: 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 style="width: 50%; height: 20px;"></td> <td style="width: 50%; height: 20px;"></td> </tr> <tr> <td style="width: 50%; height: 20px;"></td> <td style="width: 50%; height: 20px;"></td> </tr> </table> 248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: - 250. Headwall: 258. Plans w/Found.in ODOT File: - 259. Scour Eval. in ODOT File: - 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00																																

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 24621	<b>Structure No.:</b> 60E0570N3400003	<b>Local ID:</b> 021 1	<b>Suff. Rating:</b> 95.00	<b>ND</b>
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Inspection Date: 10/14/21 Greg Wilson  
 Invoice No.: 2105-42 Inspected With: John Chandler



**BRIDGE NOTES:**

**INSPECTION NOTES:** 10/14/21

**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	541.00	82%	441.00	18%	100.00	0%	0.00	0%	0.00
FX - LOOSE GRAVEL (2) 1/16in. TO 1/8in. TRANSVERSE CRACKS AND OTHER SCRAPES											
107 / 1	Steel Opn Girder/Beam	ft	108.00	0%	0.00	100%	108.00	0%	0.00	0%	0.00
FX - MODERATE SURFACE RUST											
515 / 1	Steel Protective Coating	sq.ft	1,024.00	0%	0.00	0%	0.00	100%	1,024.00	0%	0.00
LIMITED EFFECTIVENESS											
219 / 1	Stl Abutment	ft	40.00	0%	0.00	100%	40.00	0%	0.00	0%	0.00
FX - Mod.-Heavy surface rust only on east abutment. West abutment is newer. 2010. rust forming.											
225 / 1	Steel Pile	(EA)	16.00	0%	0.00	100%	16.00	0%	0.00	0%	0.00
FX - LIGHT TO MODERATE RUST (8) WING PILES - RUST											
231 / 1	Steel Pier Cap	ft	44.00	0%	0.00	100%	44.00	0%	0.00	0%	0.00
FX - Heavy surface rust only.											
330 / 1	Metal Bridge Railing	ft	56.00	86%	48.00	14%	8.00	0%	0.00	0%	0.00
Galv. flexbeam. Spotted freckling. s. rail bent											
919 / 1	St.(Rail) Prot. Coat	(SF)	160.00	0%	0.00	100%	160.00	0%	0.00	0%	0.00
SUBSTANTIALLY EFFECTIVE											
865 / 1	St.Open Gird End(5Ft)	(LF)	60.00	0%	0.00	100%	60.00	0%	0.00	0%	0.00
FX - Moderate to heavy surface rust											
871 / 1	Steel Wingwall	(EA)	4.00	0%	0.00	100%	4.00	0%	0.00	0%	0.00
MINOR RUST											
890 / 1	Steel SIP Form	(LF)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
SURFACE RUST											
958 / 1	Concrete Cracking SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
Two [2] 1/16in. TO 1/8in. transverse cracks at mid-span.											
968 / 1	Erosion SF	(EA)	1.00	100%	1.00	0%	0.00	0%	0.00	0%	0.00
Erosion on east bank close to abutment.											



**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 021



NBI #: 24621 Str #: 60E0570N3400003  
Payne County

Facility Carried: VFW RD.  
Feature Int.: CREEK

2021-10-14  
Looking W



NBI #: 24621 Str #: 60E0570N3400003  
Payne County

Facility Carried: VFW RD.  
Feature Int.: CREEK

2021-10-14  
Looking N

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 32582	<b>Structure No.:</b> 60E0570N3410008	<b>Local ID:</b> 022 1	<b>Suff. Rating:</b> 97.00
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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: PAYNE 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.: E0570 5e. Dir. Sufx: N/A (NBI)</p> <p>7. Facility Carried : E0570 VFW RD 6. Feat. Intersect: CREEK 9. Location: VFW RD/ROSE RD .8E 11. Mile Post: 1.287 mi 13. LRS Inv. / Sub Rte: / 16. Latitude: 36° 11' 21.23" 17. Longitude: 096° 54' 38.36" 98. Border Brdg: Not Applicable (P) % Responsible: 99. Border Brdg #: Unknown</p>	<b>INSPECTION</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <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>10/14/2021</td> <td>10/14/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>	Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	10/14/2021	10/14/2023	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	10/14/2021	10/14/2023																										
FC:	N	0		NA	NA																										
UW:	N	0		NA	NA																										
OS:	N	0		NA	NA																										

<b>STRUCTURE TYPE AND MATERIALS</b> <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: Monolithic Concrete 108b. Membrane: None 108c. Deck protection: None</p>	<b>CONDITION</b> <p>58. Deck: 7 Good 62. Culvert: N/A (NBI) <b>Flowline Notes</b> S TO TOD FL 16.0' + 15' FROM W ABUT</p> <p>59. Sup.: 6 Satisfactory 60. Sub: 7 Good 61. Chan./Chan. Prot.: 6 Bank Slumping</p>
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<b>AGE AND SERVICE</b> <p>19. Detour Length: 4.0 mi 27. Year Built: 2019 28a/b. Lanes on/und: 2 / 0 29. ADT: 75 30. Year of ADT: 2019 42a/b. Type of Svc on/und: Highway / Waterway</p> <p>106. Year Reconst.: 0 109. Truck ADT: 10%</p>	<b>LOAD RATING AND POSTING</b> <p>31. Design Load: MS 18 (HS 20) <span style="float: right;">Date Rated: 11/25/2019</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; margin-top: 5px;"> <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>105.40</td> <td>110.20</td> <td></td> <td>128.90</td> <td>172.40</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>63.20</td> <td>66.10</td> <td></td> <td>77.30</td> <td></td> </tr> </tbody> </table>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	105.40	110.20		128.90	172.40	66. Inventory Rating (tons):	63.20	66.10		77.30	
	H	HS	3-3	EV3	SHV														
64. Operating Rating (tons):	105.40	110.20		128.90	172.40														
66. Inventory Rating (tons):	63.20	66.10		77.30															

<b>GEOMETRIC DATA</b> <p>10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 26.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 25.50 ft 48. Length Max Span: 30.00 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: 25.50 ft 52. Width Out to Out: 26.00 ft Deck Area: 780.00 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>	<b>APPRAISAL</b> <p>36a. Brdg Rail: 0 Substandard 36b. Transition: 0 Substandard 36c. Appr. Rail: 0 Substandard 36d. Appr. Rail Ends: 0 Substandard 67. Str Evaluation: 6 Equal Min Criteria</p> <p>68. Deck Geom.: 6 Equal 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: 8 Stable Above Footin</p>
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<b>OKLAHOMA ITEMS</b> <p>200c. Temperature: 69 200d. Weather: Cloudy 201. Struc. Stl. ASTM Desig.: / 202. Waterprf. Membrane: / Date Installed: 203. Type Exp. Device: Open Joint-No Device 204. Type of Railing: W-Beam 205. Material Quantity: 208a. Type of Abutment: Skeleton b. Type of Found.: Steel Piling 209. Type of Pier/Found.: / - 210. Foundation Elev.: - 211. Wear. Surf. Prot. Sys: Date Installed: 211c. Silane Reapplied 211d. Date : 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: NA Adv. Warning Sign: NA e. Navigation Lights?: No Working/Not Working: NA 215. Overpass: ACCO 218. Functionally Obsolete : 220. Bridge Redecked 221. Substr. Cond. (U/W): 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 2 225. Paint Type/Ovrct: Red Lead 3 Coat System 226. Date Painted: 1988 227. Paint Color: Silver 233. Deck Forming: Other 238. School Bus Rte.: Desired bus route 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: 3.30 /</p>
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<b>PROPOSED IMPROVEMENTS</b> <p>94. Bridge Cost: 95. Roadway Cost: 96. Total Cost: 97. Yr. of Cost Est.:</p> <p>75. Type of Work: 76. Lngth of Improvement: 114. Future ADT: 120 115. Yr. of Future ADT: 2039</p>	<b>NAVIGATION DATA</b> <p>38. Nav. Control: Permit Not Required 39. Vert. Clearance: 0.0 ft 40. Horiz. Clearance: 0.0 ft</p> <p>111. Pier Protect.: Not Applicable (P) 116. Lift Bridge Vert. Clr.: 0.0 ft</p>
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<p>244. Span Lengths: 24</p> <p>245. Girder Depth: 2.75 246a. Type of Overlay: NA b. Overlay Thickness: c. Overlay Date: 01/01/1901 d. Ovlv Depth Changed &gt;1": - 247. Protective Systems:</p> <p>248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: - 250. Headwall: 258. Plans w/Found.in ODOT File: - 259. Scour Eval. in ODOT File: - 263. Interchange at Intersection: 264. Interstate Milepoint:</p>
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

**NBI No.:**  
32582

**Structure No.:**  
60E0570N3410008

**Local ID:**  
022 1

**Suff. Rating:**  
97.00

Inspection Date: 10/14/21 Greg Wilson  
 Invoice No.: 2105-42 Inspected With: John Chandler



**BRIDGE NOTES:**

REPLACES NBI #00802.

**INSPECTION NOTES:** 10/14/21

**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	780.00	100%	780.00	0%	0.00	0%	0.00	0%	0.00
107 / 1	Steel Opn Girder/Beam	ft	140.00	0%	0.00	100%	140.00	0%	0.00	0%	0.00
FX - MINOR RUST											
515 / 1	Steel Protective Coating	sq.ft	1,964.00	0%	0.00	100%	1,964.00	0%	0.00	0%	0.00
SUBSTANTIALLY EFFECTIVE											
219 / 1	Stl Abutment	ft	52.00	100%	52.00	0%	0.00	0%	0.00	0%	0.00
918 / 1	St.(substr)Prot.Coat	(EA)	1,170.00	100%	1,170.00	0%	0.00	0%	0.00	0%	0.00
ABUTMENTS ONLY											
225 / 1	Steel Pile	(EA)	18.00	100%	18.00	0%	0.00	0%	0.00	0%	0.00
INCLUDES (8) WING PILES											
231 / 1	Steel Pier Cap	ft	52.00	100%	52.00	0%	0.00	0%	0.00	0%	0.00
330 / 1	Metal Bridge Railing	ft	60.00	100%	60.00	0%	0.00	0%	0.00	0%	0.00
919 / 1	St.(Rail) Prot. Coat	(SF)	172.00	100%	172.00	0%	0.00	0%	0.00	0%	0.00
859 / 1	Soffit	(EA)	1.00	100%	1.00	0%	0.00	0%	0.00	0%	0.00
LOOSE PLYWOOD FORMS STILL IN PLACE											
865 / 1	St.Open Gird End(5Ft	(LF)	70.00	0%	0.00	100%	70.00	0%	0.00	0%	0.00
871 / 1	Steel Wingwall	(EA)	4.00	100%	4.00	0%	0.00	0%	0.00	0%	0.00

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 022



NBI #: 32582 Str #: 60E0570N3410008  
Payne County

Facility Carried: E0570 (VFW RD)  
Feature Int.: CREEK

2021-10-14  
Looking W



NBI #: 32582 Str #: 60E0570N3410008  
Payne County

Facility Carried: E0570 (VFW RD)  
Feature Int.: CREEK

2021-10-14  
Looking N

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 27720	<b>Structure No.:</b> 60E0570N3420001	<b>Local ID:</b> 022A 1	<b>Suff. Rating:</b> 97.00	<b>ND</b>																														
<b>Bridge Description:</b> 20ft. I-BEAM SPAN		<b>IDENTIFICATION</b>																																
1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0570 5e. Dir. Sufx: N/A (NBI)		6. Feat. Intersect: CREEK 7. Facility Carried: VFW RD. (E0570) 8. LRS Inv. / Sub Rte: -1 / -1 9. Location: VFW RD RIPLEY RD .1E 11. Mile Post: 0.100 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 11' 20.84" 17. Longitude: 096° 54' 16.62" 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>10/14/2021</td> <td>10/14/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>			Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	10/14/2021	10/14/2023	FC:	N	0		NA	NA	UW:	N	0		NA	NA	OS:	N	0		NA	NA
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<b>AGE AND SERVICE</b>		<b>CLASSIFICATION</b>																																
19. Detour Length: 4.0 mi 27. Year Built: 2004 28a/b. Lanes on/und: 2 / 0 29. ADT: 75 30. Year of ADT: 2019 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: 25.40 ft 48. Length Max Span: 19.20 ft 49. Struct. Length: 20.50 ft		58. Deck: 6 Satisfactory 62. Culvert: N/A (NBI) 59. Sup.: 6 Satisfactory 61. Chan./Chan. Prot.: 7 Minor Damage <b>Flowline Notes</b> S TO TOD FL 12.4' + 10' FROM W ABUT																																
<b>OKLAHOMA ITEMS</b>		<b>LOAD RATING AND POSTING</b>																																
200c. Temperature: 68 200d. Weather: Cloudy 201. Struc.Stl. ASTM Desig.: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: Open Joint-No Device 204. Type of Railing: W-Beam 205. Material Quantity: -1.00 208a. Type of Abutment: Skeleton b. Type of Found.: Steel Piling 209. Type of Pier/Found.: - / - 210. Foundation Elev.: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>-1.00</td> <td>-1.00</td> <td>-1.00</td> </tr> <tr> <td>-1.00</td> <td>-1.00</td> <td>-1.00</td> </tr> </table> 211. Wear. Surf. Prot. Sys.: Date Installed: 01/01/1901 211c. Silane Reapplied 211d. Date: 213. Utilities Attached:		-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	31. Design Load: MS 18 (HS 20) 41. Post. Status: A Open, no restriction 70. Posting: 5 At/Above Legal Loads 63. Op / 65. Inv. Rating Meth.: 1 LF Load Factor / 1 LF Load Factor <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>H</th> <th>HS</th> <th>3-3</th> <th>EV3</th> <th>SHV</th> </tr> </thead> <tbody> <tr> <td>64. Operating Rating (tons):</td> <td>59.10</td> <td>106.30</td> <td></td> <td>81.90</td> <td>107.40</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>35.40</td> <td>63.80</td> <td></td> <td>49.20</td> <td></td> </tr> </tbody> </table>				H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	59.10	106.30		81.90	107.40	66. Inventory Rating (tons):	35.40	63.80		49.20							
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214a. Posted Weight Limit: NR b. Posted Speed Limit: NR c. Narrow/1way Brdg Sign: No d. Vertical Clr. Sign: No Adv. Warning Sign: No e. Navigation Lights?: No Working/Not Working: No 215. Overpass: ACCO 218. Functionally Obsolete: - 220. Bridge Redecked: - 221. Substr. Cond. (U/W): - 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: N/A 226. Date Painted: 227. Paint Color: 233. Deck Forming: Perm. Metal Deck Forr 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: 38.30 /		36a. Brdg Rail: 0 Substandard 36b. Transition: 0 Substandard 36c. Appr. Rail: 0 Substandard 36d. Appr. Rail Ends: 0 Substandard 67. Str Evaluation: 6 Equal Min Criteria 68. Deck Geom.: 6 Equal Min Criteria 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 8 Equal Desirable 72. Appr. Alignment: 8 Equal Desirable Crit 113. Scour Critical: 8 Stable Above Footin																																
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 27720	<b>Structure No.:</b> 60E0570N3420001	<b>Local ID:</b> 022A 1	<b>Suff. Rating:</b> 97.00	<b>ND</b>
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Inspection Date: 10/14/21 Greg Wilson  
 Invoice No.: 2105-42 Inspected With: John Chandler



**BRIDGE NOTES:**

9 beams.

**INSPECTION NOTES:** 10/14/21

**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	521.00	0%	0.00	100%	521.00	0%	0.00	0%	0.00
LOOSE GRAVEL - SEVERAL SCRAPES - ROUGH SURFACE											
107 / 1	Steel Opn Girder/Beam	ft	90.00	0%	0.00	100%	90.00	0%	0.00	0%	0.00
FX - Lite to Mod. Rust top and bottom flanges.											
515 / 1	Steel Protective Coating	sq.ft	990.00	0%	0.00	0%	0.00	0%	0.00	100%	990.00
PROTECTION FAILED											
219 / 1	Stl Abutment	ft	52.00	0%	0.00	100%	52.00	0%	0.00	0%	0.00
FX - moderate surface rust											
225 / 1	Steel Pile	(EA)	18.00	0%	0.00	100%	18.00	0%	0.00	0%	0.00
FX - Lite to Moderate surface rust. (8) WING PILES - SURFACE RUST.											
231 / 1	Steel Pier Cap	ft	56.00	0%	0.00	100%	56.00	0%	0.00	0%	0.00
FX - Mod. surface rust.											
330 / 1	Metal Bridge Railing	ft	40.00	100%	40.00	0%	0.00	0%	0.00	0%	0.00
919 / 1	St.(Rail) Prot. Coat	(SF)	114.00	100%	114.00	0%	0.00	0%	0.00	0%	0.00
Galvanized Flex Beam Rails.											
865 / 1	St.Open Gird End(5Ft)	(LF)	90.00	0%	0.00	100%	90.00	0%	0.00	0%	0.00
FX - Lite to Mod.Rust top and bottom flanges.											
871 / 1	Steel Wingwall	(EA)	4.00	0%	0.00	100%	4.00	0%	0.00	0%	0.00
RUST											
890 / 1	Steel SIP Form	(LF)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
FX - SURFACE RUST											
965 / 1	Debris SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
DRIFT CAUGHT AGAINST FENCE SOUTH END											

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 022A



NBI #: 27720 Str #: 60E0570N3420001  
Payne County

Facility Carried: VFW RD. (E0570)  
Feature Int.: CREEK

2021-10-14  
Looking E



NBI #: 27720 Str #: 60E0570N3420001  
Payne County

Facility Carried: VFW RD. (E0570)  
Feature Int.: CREEK

2021-10-14  
Looking S

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 32808	<b>Structure No.:</b> 60E0570N3460009	<b>Local ID:</b> 023	<b>Suff. Rating:</b> 97.00
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<p><b>Bridge Description:</b> IDENTIFICATION</p> <div style="border: 1px solid black; padding: 2px;">30FT I-BEAM SPAN</div> <p>1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0570 5e. Dir. Sufx: N/A (NBI)</p> <p>7. Facility Carried: E0570 (VFW RD) 6. Feat. Intersect: SALT CREEK 9. Location: .9E CLAY RD 11. Mile Post: 1.448 mi 13. LRS Inv. / Sub Rte: / 16. Latitude: 36° 11' 16.06" 17. Longitude: 096° 49' 17.71" 98. Border Brdg: Not Applicable (P) % Responsible: 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>10/15/2021</td> <td>10/15/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table> <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.: Left of    bridge</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	10/15/2021	10/15/2023	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.: Left of    bridge	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>AGE AND SERVICE</b></p> <p>19. Detour Length: 4.0 mi 27. Year Built: 2020 28a/b. Lanes on/und: 2 / 0 29. ADT: 50 30. Year of ADT: 2019 42a/b. Type of Svc on/und: Highway / Waterway</p> <p>106. Year Reconst.: 109. Truck ADT: 10%</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: 12/29/2020</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>163.00</td> <td>255.00</td> <td></td> <td>212.00</td> <td>231.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>98.00</td> <td>153.00</td> <td></td> <td>127.00</td> <td></td> </tr> </tbody> </table>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	163.00	255.00		212.00	231.00	66. Inventory Rating (tons):	98.00	153.00		127.00	
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<p style="text-align: center;"><b>OKLAHOMA ITEMS</b></p> <p>200c. Temperature: 65 200d. Weather: Ptly Cloudy 201. Struc. Stl. ASTM Desig.: / 202. Waterprf. Membrane: Date Installed: 203. Type Exp. Device: Open Joint-No Device 204. Type of Railing: W-Beam 205. Material Quantity: 208a. Type of Abutment: Other b. Type of Found.: Steel Piling 209. Type of Pier/Found.: / - 210. Foundation Elev.: - 211. Wear. Surf. Prot. Sys: Date Installed: 211c. Silane Reapplied 211d. Date: 213. Utilities Attached:</p>	<p style="text-align: center;"><b>PROPOSED IMPROVEMENTS</b></p> <p>94. Bridge Cost: 95. Roadway Cost: 96. Total Cost: 97. Yr. of Cost Est.:</p> <p>75. Type of Work: 76. Lngth of Improvement: 114. Future ADT: 80 115. Yr. of Future ADT: 2039</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.: Not Applicable (P) 116. Lift Bridge Vert. Clr.: 0.0 ft</p>
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<p>214a. Posted Weight Limit: NR b. Posted Speed Limit: No c. Narrow/1way Brgd Sign: No d. Vertical Clr. Sign: NA Adv. Warning Sign: NA e. Navigation Lights?: No Working/Not Working: NA</p> <p>215. Overpass: 218. Functionally Obsolete : 220. Bridge Redecked 221. Substr. Cond. (U/W): 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 2 225. Paint Type/Ovrct: Red Lead 3 Coat System 226. Date Painted: 1995 227. Paint Color: Gray 233. Deck Forming: Conventional Forming 238. School Bus Rte.: Current &amp; Desired route 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: 4.70 / 7</p>	<p>244. Span Lengths: 30</p> <p>245. Girder Depth: 2.67 246a. Type of Overlay: NA b. Overlay Thickness: c. Overlay Date: d. Ovlv Depth Changed &gt;1": - 247. Protective Systems:</p> <p>248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: - 250. Headwall: 258. Plans w/Found. in ODOT File: - 259. Scour Eval. in ODOT File: Yes 263. Interchange at Intersection: 264. Interstate Milepoint:</p>
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

**NBI No.:**  
32808

**Structure No.:**  
60E0570N3460009

**Local ID:**  
023

**Suff. Rating:**  
97.00

Inspection Date: 10/15/21 Greg Wilson  
 Invoice No.: 2105-42 Inspected With: John Chandler

**BRIDGE NOTES:**

Bridge entered 12/28/2020 3:16:44 PM by userid JIRVIN

**INSPECTION NOTES:** 10/15/21

REPLACES NBI # 04726

**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	786.00	100%	786.00	0%	0.00	0%	0.00	0%	0.00
107 / 1	Steel Opn Girder/Beam	ft	140.00	0%	0.00	100%	140.00	0%	0.00	0%	0.00
FX - PAINT IS FLAKING OFF MOSTLY ON TH BOTTOM FLANGES WITH MODERATE RUST.											
515 / 1	Steel Protective Coating	sq.ft	1,963.00	0%	0.00	100%	1,963.00	0%	0.00	0%	0.00
SUBSTANTIALLY EFFECTIVE											
219 / 1	Stl Abutment	ft	52.00	100%	52.00	0%	0.00	0%	0.00	0%	0.00
918 / 1	St.(substr)Prot.Coat	(EA)	780.00	100%	780.00	0%	0.00	0%	0.00	0%	0.00
ABUTMENT ONLY											
225 / 1	Steel Pile	(EA)	20.00	100%	20.00	0%	0.00	0%	0.00	0%	0.00
(12) ABUTMENT PILES. (8) WING PILES											
231 / 1	Steel Pier Cap	ft	52.00	100%	52.00	0%	0.00	0%	0.00	0%	0.00
330 / 1	Metal Bridge Railing	ft	60.00	100%	60.00	0%	0.00	0%	0.00	0%	0.00
919 / 1	St.(Rail) Prot. Coat	(SF)	180.00	100%	180.00	0%	0.00	0%	0.00	0%	0.00
859 / 1	Soffit	(EA)	1.00	100%	1.00	0%	0.00	0%	0.00	0%	0.00
865 / 1	St.Open Gird End(5Ft)	(LF)	70.00	0%	0.00	100%	70.00	0%	0.00	0%	0.00
FX - PAINT IS FLAKING OFF MOSTLY ON TH BOTTOM FLANGES WITH MODERATE RUST.											
871 / 1	Steel Wingwall	(EA)	4.00	100%	4.00	0%	0.00	0%	0.00	0%	0.00

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 023



NBI #: 32808 Str #: 60E0570N3460009  
Payne County

Facility Carried: E0570 (VFW RD)  
Feature Int.: SALT CREEK

2021-10-15  
Looking W



NBI #: 32808 Str #: 60E0570N3460009  
Payne County

Facility Carried: E0570 (VFW RD)  
Feature Int.: SALT CREEK

2021-10-15  
Looking N

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 30029	<b>Structure No.:</b> 60E0580N3380008	<b>Local ID:</b> 027 1	<b>Suff. Rating:</b> 97.00	<b>ND</b>
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<p><b>Bridge Description:</b> IDENTIFICATION</p> <div style="border: 1px solid black; padding: 2px;">39 FT I BEAM SPAN 26ft.RDY</div> <p>1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0580 5e. Dir. Sufx: N/A (NBI)</p> <p>7. Facility Carried : E0580(RICHMOND RD) 6. Feat. Intersect: LITTLE STILLWATER CREEK 9. Location: 4.8E 1N OF US177/AIRPORT 11. Mile Post: 0.800 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 10' 28.00" 17. Longitude: 096° 58' 00.00" 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>10/12/2021</td> <td>10/12/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table> <p style="text-align: center;"><b>CLASSIFICATION</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <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> </tbody> </table>	Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	10/12/2021	10/12/2023	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: Concrete-Cast-in-Place 108a. Wearing Surface: Monolithic Concrete 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> S TO TOD FL 15.6' + 21' FROM W ABUT</p> <p>59. Sup.: 6 Satisfactory 61. Chan./Chan. Prot.: 6 Bank Slumping 60. Sub: 6 Satisfactory</p>
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<p style="text-align: center;"><b>AGE AND SERVICE</b></p> <p>19. Detour Length: 4.0 mi 27. Year Built: 2013 28a/b. Lanes on/und: 2 / 0 29. ADT: 50 30. Year of ADT: 2019 42a/b. Type of Svc on/und: Highway / Waterway</p> <p>106. Year Reconst.: 0 109. Truck ADT: 10%</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: 01/05/2022</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;"> <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 style="text-align: center;">82.00</td> <td style="text-align: center;">116.00</td> <td></td> <td style="text-align: center;">99.00</td> <td style="text-align: center;">106.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td style="text-align: center;">49.00</td> <td style="text-align: center;">70.00</td> <td></td> <td style="text-align: center;">59.00</td> <td></td> </tr> </tbody> </table>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	82.00	116.00		99.00	106.00	66. Inventory Rating (tons):	49.00	70.00		59.00	
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66. Inventory Rating (tons):	49.00	70.00		59.00															

  

<p style="text-align: center;"><b>GEOMETRIC DATA</b></p> <p>10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 25.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 25.00 ft 48. Length Max Span: 39.00 ft 49. Struct. Length: 39.90 ft</p> <p>50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 25.00 ft 52. Width Out to Out: 25.90 ft Deck Area: 1,033.41 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. Brgd Rail: 0 Substandard 36b. Transition: 0 Substandard 36c. Appr. Rail: 0 Substandard 36d. Appr. Rail Ends: 0 Substandard 67. Str Evaluation: 6 Equal Min Criteria</p> <p>68. Deck Geom.: 6 Equal Min Criteria 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 7 Above Minimum 72. Appr. Alignment: 7 Above Min Criteria 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: 63 200d. Weather: Ptly Cloudy 201. Struc. Stl. ASTM Desig.: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: Open Joint-No Device 204. Type of Railing: W-Beam 205. Material Quantity: -1.00 208a. Type of Abutment: Skeleton b. Type of Found.: Steel Piling 209. Type of Pier/Found.: - / - 210. Foundation Elev.: -1.00    -1.00 -1.00    -1.00    -1.00 211. Wear. Surf. Prot. Sys.: Date Installed: 01/01/1901 211c. Silane Reapplied 211d. Date : 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 218. Functionally Obsolete : - 220. Bridge Redecked : - 221. Substr. Cond. (U/W): - 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: - N/A 226. Date Painted: 227. Paint Color: 233. Deck Forming: Perm. Metal Deck Form 238. School Bus Rte.: Current &amp; Desired route 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: /</p>
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<p style="text-align: center;"><b>PROPOSED IMPROVEMENTS</b></p> <p>94. Bridge Cost: \$-1 95. Roadway Cost: \$-1 96. Total Cost: \$-1 97. Yr. of Cost Est.: Unknown</p> <p>75. Type of Work: Unknown (P) 76. Lngth of Improvement: -1.0 ft 114. Future ADT: 80 115. Yr. of Future ADT: 2039</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: 245. Girder Depth: 246a. Type of Overlay: NA b. Overlay Thickness: c. Overlay Date: 01/01/1901 d. Ovlv Depth Changed &gt;1": - 247. Protective Systems: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%; height: 20px;"></td><td style="width: 50%; height: 20px;"></td></tr> <tr><td style="width: 50%; height: 20px;"></td><td style="width: 50%; height: 20px;"></td></tr> </table> 248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: - 250. Headwall: 258. Plans w/ Found. in ODOT File: - 259. Scour Eval. in ODOT File: Yes 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00</p>					

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 30029	<b>Structure No.:</b> 60E0580N3380008	<b>Local ID:</b> 027 1	<b>Suff. Rating:</b> 97.00	<b>ND</b>
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Inspection Date: 10/12/21 Greg Wilson  
 Invoice No.: 2105-42 Inspected With: John Chandler



**BRIDGE NOTES:**

\* 9 BEAMS - RATED AT 60% OVERALL CONDITION [2011] --- 3 braces

**INSPECTION NOTES:** 10/12/21

In service 12-10.

**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	998.00	90%	898.00	10%	100.00	0%	0.00	0%	0.00
LOOSE GRAVEL ON DECK (2) 1/16in. TRANSVERSE CRACKS											
107 / 1	Steel Opn Girder/Beam	ft	261.00	0%	0.00	100%	261.00	0%	0.00	0%	0.00
FX - Sctd. Surface Rust with Lite Pitting. Mostly on Top & Bottom flanges.											
515 / 1	Steel Protective Coating	sq.ft	2,799.00	0%	0.00	0%	0.00	100%	2,799.00	0%	0.00
LIMITED EFFECTIVENESS											
219 / 1	Stl Abutment	ft	53.00	0%	0.00	100%	53.00	0%	0.00	0%	0.00
FX - Rust is forming or has formed.											
225 / 1	Steel Pile	(EA)	18.00	0%	0.00	100%	18.00	0%	0.00	0%	0.00
FX - SURFACE RUST. (8) WING PILES - SURFACE RUST											
231 / 1	Steel Pier Cap	ft	60.00	0%	0.00	100%	60.00	0%	0.00	0%	0.00
FX - Rust is forming or has formed.											
330 / 1	Metal Bridge Railing	ft	79.00	100%	79.00	0%	0.00	0%	0.00	0%	0.00
919 / 1	St.(Rail) Prot. Coat	(SF)	226.00	100%	226.00	0%	0.00	0%	0.00	0%	0.00
865 / 1	St.Open Gird End(5Ft)	(LF)	90.00	0%	0.00	100%	90.00	0%	0.00	0%	0.00
FX - Rust forming. widely scattered lite pitting.											
871 / 1	Steel Wingwall	(EA)	4.00	0%	0.00	100%	4.00	0%	0.00	0%	0.00
RUST											
890 / 1	Steel SIP Form	(LF)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
SURFACE RUST											
965 / 1	Debris SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
FX - MINOR DRIFT UNDER STRUCTURE											
968 / 1	Erosion SF	(EA)	1.00	100%	1.00	0%	0.00	0%	0.00	0%	0.00
Erosion beginning on west bank.											

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 027



NBI #: 30029 Str #: 60E0580N3380008  
Payne County

Facility Carried: E0580(RICHMOND RD)  
Feature Int.: LITTLE STILLWATER CREEK

2021-10-12  
Looking W



NBI #: 30029 Str #: 60E0580N3380008  
Payne County

Facility Carried: E0580(RICHMOND RD)  
Feature Int.: LITTLE STILLWATER CREEK

2021-10-12  
Looking S

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 26398	<b>Structure No.:</b> 60E0580N3400006	<b>Local ID:</b> 027A 1	<b>Suff. Rating:</b> 86.00	<b>ND</b>																																
<b>Bridge Description:</b> 25ft. I-BEAM SPAN		<b>IDENTIFICATION</b>																																		
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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: Open Joint-No Device 204. Type of Railing: W-Beam 205. Material Quantity: -1.00 208a. Type of Abutment: Skeleton b. Type of Found.: Steel Piling 209. Type of Pier/Found.: - / - 210. Foundation Elev.: -1.00 -1.00 -1.00 -1.00 -1.00 211. Wear. Surf. Prot. Sys: Date Installed: 01/01/1901 211c. Silane Reapplied 211d. Date : 213. Utilities Attached: Communication		<table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td>31. Design Load: M 18 (H 20)</td> <td>Date Rated: 01/04/2022</td> </tr> <tr> <td>41. Post. Status: A Open, no restriction</td> <td></td> </tr> <tr> <td>70. Posting: 5 At/Above Legal Loads</td> <td></td> </tr> <tr> <td>63. Op / 65. Inv. Rating Meth.: 1 LF Load Factor / 1 LF Load Factor</td> <td></td> </tr> <tr> <td>64. Operating Rating (tons):</td> <td> <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>62.00</td> <td>111.00</td> <td></td> <td>82.00</td> <td>102.00</td> </tr> <tr> <td>37.00</td> <td>67.00</td> <td></td> <td>49.00</td> <td></td> </tr> </table> </td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td> <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td>37.00</td> <td>67.00</td> <td></td> <td>49.00</td> <td></td> </tr> </table> </td> </tr> </tbody> </table>			31. Design Load: M 18 (H 20)	Date Rated: 01/04/2022	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		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>62.00</td> <td>111.00</td> <td></td> <td>82.00</td> <td>102.00</td> </tr> <tr> <td>37.00</td> <td>67.00</td> <td></td> <td>49.00</td> <td></td> </tr> </table>	H	HS	3-3	EV3	SHV	62.00	111.00		82.00	102.00	37.00	67.00		49.00		66. Inventory Rating (tons):	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td>37.00</td> <td>67.00</td> <td></td> <td>49.00</td> <td></td> </tr> </table>	37.00	67.00		49.00	
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 26398	<b>Structure No.:</b> 60E0580N3400006	<b>Local ID:</b> 027A 1	<b>Suff. Rating:</b> 86.00	<b>ND</b>
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Inspection Date: 10/14/21 Greg Wilson  
 Invoice No.: 2105-42 Inspected With: John Chandler



**BRIDGE NOTES:**

**INSPECTION NOTES:** 10/14/21

**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	629.00	84%	529.00	16%	100.00	0%	0.00	0%	0.00
FX - V.Lite Transverse cracks. LOOSE GRAVEL ON DECK											
107 / 1	Steel Opn Girder/Beam	ft	120.00	0%	0.00	100%	120.00	0%	0.00	0%	0.00
FX - RUST WITH MINOR PITTING											
219 / 1	Stl Abutment	ft	52.00	0%	0.00	50%	26.00	50%	26.00	0%	0.00
FX - SURFACE RUST - E. ABUTMENT BOTTOM WITH MINOR EXFOLIATION											
225 / 1	Steel Pile	(EA)	20.00	0%	0.00	75%	15.00	25%	5.00	0%	0.00
FX - SURFACE RUST - E. ABUTMENT PILES WITH MINOR EXFOLIATION (10) WING PILES - SURFACE RUST.											
231 / 1	Steel Pier Cap	ft	56.00	0%	0.00	100%	56.00	0%	0.00	0%	0.00
FX - LIGHT TO MODERATE RUST											
330 / 1	Metal Bridge Railing	ft	50.00	100%	50.00	0%	0.00	0%	0.00	0%	0.00
919 / 1	St.(Rail) Prot. Coat	(SF)	143.00	100%	143.00	0%	0.00	0%	0.00	0%	0.00
Galvanized Flex-Beam Rails.											
865 / 1	St.Open Gird End(5Ft)	(LF)	80.00	0%	0.00	100%	80.00	0%	0.00	0%	0.00
FX - RUST WITH MINOR PITTING											
871 / 1	Steel Wingwall	(EA)	4.00	0%	0.00	100%	4.00	0%	0.00	0%	0.00
RUST											
890 / 1	Steel SIP Form	(LF)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
FX - SURFACE RUST											
958 / 1	Concrete Cracking SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
Lite scattered Transverse cracks.											

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 027A



NBI #: 26398 Str #: 60E0580N3400006  
Payne County

Facility Carried: E0580 RICHMOND RD  
Feature Int.: CREEK

2021-10-14  
Looking W



NBI #: 26398 Str #: 60E0580N3400006  
Payne County

Facility Carried: E0580 RICHMOND RD  
Feature Int.: CREEK

2021-10-14  
Looking S



**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 027A



NBI #: 26398 Str #: 60E0580N3400006  
Payne County

Facility Carried: E0580 RICHMOND RD  
Feature Int.: CREEK

2021-10-14  
E. Abutment

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 26399	<b>Structure No.:</b> 60E0580N3420001	<b>Local ID:</b> 027B 1	<b>Suff. Rating:</b> 97.00	<b>ND</b>
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<p><b>Bridge Description:</b> 38ft. I-BEAM SPAN, SK75LF</p> <p><b>IDENTIFICATION</b></p> <p>1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0580 5e. Dir. Sufx: N/A (NBI)</p> <p>7. Facility Carried: E0580 RICHMOND RD 6. Feat. Intersect: COUNCIL CREEK 9. Location: RICHMOND/RIPLEY RD. .1E 11. Mile Post: 0.100 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 10' 28.96" 17. Longitude: 096° 54' 22.31" 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>10/14/2021</td> <td>10/14/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table> <p style="text-align: center;"><b>CLASSIFICATION</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td>12. Base Hwy Net.: Not on Base Network</td> <td>101. Parallel Str.: No    bridge exists</td> </tr> <tr> <td>20. Toll Facility: On free road</td> <td>102. Traffic Dir.: 2-way traffic</td> </tr> <tr> <td>21. Custodian: County</td> <td>103. Temp. Str.: Not Applicable (P)</td> </tr> <tr> <td>22. Owner: County</td> <td>104. Hwy System: Not on NHS</td> </tr> <tr> <td>26. Function Class: 07 Rural Mjr Collecto</td> <td>105. Fed Land Hwy: N/A (NBI)</td> </tr> <tr> <td>37. Historical Sig.: 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> </tbody> </table>	Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	10/14/2021	10/14/2023	FC:	N	0		NA	NA	UW:	N	0		NA	NA	OS:	N	0		NA	NA	12. Base Hwy Net.: Not on Base Network	101. Parallel Str.: No    bridge exists	20. Toll Facility: On free road	102. Traffic Dir.: 2-way traffic	21. Custodian: County	103. Temp. Str.: Not Applicable (P)	22. Owner: County	104. Hwy System: Not on NHS	26. Function Class: 07 Rural Mjr Collecto	105. Fed Land Hwy: N/A (NBI)	37. Historical Sig.: 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: 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</p>	<p style="text-align: center;"><b>CONDITION</b></p> <p>58. Deck: 6 Satisfactory 62. Culvert: N/A (NBI) <b>Flowline Notes</b> S TO TOD FL 14.1' + 4' FROM W ABUT</p> <p>59. Sup.: 6 Satisfactory 61. Chan./Chan. Prot.: 7 Minor Damage 60. Sub: 6 Satisfactory</p>
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<p style="text-align: center;"><b>AGE AND SERVICE</b></p> <p>19. Detour Length: 4.0 mi 27. Year Built: 2000 28a/b. Lanes on/und: 2 / 0 29. ADT: 75 30. Year of ADT: 2019 42a/b. Type of Svc on/und: Highway / Waterway</p> <p>106. Year Reconst.: 0 109. Truck ADT: 15%</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: 01/04/2022</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;"> <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>67.00</td> <td>96.00</td> <td></td> <td>81.00</td> <td>88.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>40.00</td> <td>57.00</td> <td></td> <td>48.00</td> <td></td> </tr> </tbody> </table>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	67.00	96.00		81.00	88.00	66. Inventory Rating (tons):	40.00	57.00		48.00	
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64. Operating Rating (tons):	67.00	96.00		81.00	88.00														
66. Inventory Rating (tons):	40.00	57.00		48.00															

  

<p style="text-align: center;"><b>GEOMETRIC DATA</b></p> <p>10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 23.00 ft 33. Median: No median 34. Skew: 15.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 25.50 ft 48. Length Max Span: 37.60 ft 49. Struct. Length: 38.50 ft</p> <p>50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 25.50 ft 52. Width Out to Out: 26.10 ft Deck Area: 1,004.83 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: 6 Equal Min Criteria</p> <p>68. Deck Geom.: 6 Equal Min Criteria 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 8 Equal Desirable 72. Appr. Alignment: 8 Equal Desirable 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: 68 200d. Weather: Cloudy 201. Struc. Stl. ASTM Desig.: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: Open Joint-No Device 204. Type of Railing: W-Beam 205. Material Quantity: -1.00 208a. Type of Abutment: Skeleton b. Type of Found.: Steel Piling 209. Type of Pier/Found.: - / - 210. Foundation Elev.: -1.00    -1.00 -1.00    -1.00    -1.00 211. Wear. Surf. Prot. Sys: Date Installed: 01/01/1901 211c. Silane Reapplied 211d. Date: 213. Utilities Attached: Communication</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 218. Functionally Obsolete: - 220. Bridge Redecked: - 221. Substr. Cond. (U/W): 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: Red Lead 3 Coat System N/A 226. Date Painted: 2000 227. Paint Color: Silver 233. Deck Forming: Perm. Metal Deck Form 238. School Bus Rte.: Desired bus route 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: 43.00 /</p>
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<p style="text-align: center;"><b>PROPOSED IMPROVEMENTS</b></p> <p>94. Bridge Cost: \$178,000 95. Roadway Cost: \$98,000 96. Total Cost: \$281,000 97. Yr. of Cost Est.: 2015</p> <p>75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 228.1 ft 114. Future ADT: 120 115. Yr. of Future ADT: 2039</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.: Not Applicable (P) 116. Lift Bridge Vert. Clr.: 0.0 ft</p> <p>244. Span Lengths: 38</p> <p>245. Girder Depth: 27.00 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: 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> 26399	<b>Structure No.:</b> 60E0580N3420001	<b>Local ID:</b> 027B 1	<b>Suff. Rating:</b> 97.00	<b>ND</b>
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Inspection Date: 10/14/21 Greg Wilson  
 Invoice No.: 2105-42 Inspected With: John Chandler



**BRIDGE NOTES:**

8 beams.

**INSPECTION NOTES:** 10/14/21

**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	981.00	90%	881.00	10%	100.00	0%	0.00	0%	0.00
FX - LOOSE GRAVEL ON DECK - MINOR SCRAPES. WEAR											
107 / 1	Steel Opn Girder/Beam	ft	228.00	0%	0.00	100%	228.00	0%	0.00	0%	0.00
FX - Minor rust top and bottom flanges.											
515 / 1	Steel Protective Coating	sq.ft	2,257.00	0%	0.00	0%	0.00	100%	2,257.00	0%	0.00
LIMITED EFFECTIVENESS											
219 / 1	Stl Abutment	ft	52.00	0%	0.00	100%	52.00	0%	0.00	0%	0.00
FX - Rust has formed on unpainted metal..											
225 / 1	Steel Pile	(EA)	20.00	0%	0.00	100%	20.00	0%	0.00	0%	0.00
FX - MODERATE SURFACE RUST (10) WING PILES - SURFACE RUST.											
231 / 1	Steel Pier Cap	ft	56.00	0%	0.00	100%	56.00	0%	0.00	0%	0.00
FX - Rust has formed on unpainted metal. Minor											
330 / 1	Metal Bridge Railing	ft	77.00	100%	77.00	0%	0.00	0%	0.00	0%	0.00
919 / 1	St.(Rail) Prot. Coat	(SF)	220.00	100%	220.00	0%	0.00	0%	0.00	0%	0.00
865 / 1	St.Open Gird End(5Ft)	(LF)	80.00	0%	0.00	100%	80.00	0%	0.00	0%	0.00
FX - Minor rust top and bottom flanges.											
871 / 1	Steel Wingwall	(EA)	4.00	0%	0.00	100%	4.00	0%	0.00	0%	0.00
RUST											
890 / 1	Steel SIP Form	(LF)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
FX - SURFACE RUST											

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 027B



NBI #: 26399 Str #: 60E0580N3420001  
Payne County

Facility Carried: E0580 RICHMOND RD  
Feature Int.: COUNCIL CREEK

2021-10-14  
Looking E



NBI #: 26399 Str #: 60E0580N3420001  
Payne County

Facility Carried: E0580 RICHMOND RD  
Feature Int.: COUNCIL CREEK

2021-10-14  
Looking S

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 27721	<b>Structure No.:</b> 60E0580N3430003	<b>Local ID:</b> 027C 1	<b>Suff. Rating:</b> 86.00	<b>ND</b>
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<p><b>Bridge Description:</b> IDENTIFICATION</p> <div style="border: 1px solid black; padding: 2px;">23ft. I-BEAM SPAN</div> <p>1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0580 5e. Dir. Sufx: N/A (NBI)</p> <p>7. Facility Carried : RICHMOND RD.(E0580) 6. Feat. Intersect: CREEK 9. Location: RICHMOND\BETHEL RD.3E 11. Mile Post: 0.300 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 10' 27.64" 17. Longitude: 096° 53' 04.22" 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>10/14/2021</td> <td>10/14/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>	Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	10/14/2021	10/14/2023	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	10/14/2021	10/14/2023																										
FC:	N	0		NA	NA																										
UW:	N	0		NA	NA																										
OS:	N	0		NA	NA																										

<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: Monolithic Concrete 108b. Membrane: None 108c. Deck protection: None</p>	<p style="text-align: center;"><b>CLASSIFICATION</b></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: 07 Rural Mjr Collecto 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.: Not Applicable (P) 104. Hwy System: Not on NHS 105. Fed Land Hwy: N/A (NBI) 110. Defense Hwy: Not a STRAHNET hwy 112. NBIS Length: Long Enough</p>
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<p style="text-align: center;"><b>AGE AND SERVICE</b></p> <p>19. Detour Length: 4.0 mi 27. Year Built: 2004 28a/b. Lanes on/und: 2 / 0 29. ADT: 25 30. Year of ADT: 2019 42a/b. Type of Svc on/und: Highway / Waterway</p>	<p style="text-align: center;"><b>CONDITION</b></p> <p>58. Deck: 6 Satisfactory 62. Culvert: N/A (NBI)</p> <p>59. Sup.: 6 Satisfactory 61. Chan./Chan. Prot.: 7 Minor Damage 60. Sub: 5 Fair</p> <p><b>Flowline Notes</b></p> <div style="border: 1px solid black; padding: 2px;">S TO TOD FL 15.1' + 18' FROM W ABUT</div>
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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: 21.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 25.40 ft 48. Length Max Span: 22.30 ft 49. Struct. Length: 23.20 ft</p> <p>50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 25.40 ft 52. Width Out to Out: 26.00 ft Deck Area: 602.78 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>LOAD RATING AND POSTING</b></p> <p>31. Design Load: MS 18 (HS 20) 41. Post. Status: A Open, no restriction 70. Posting: 5 At/Above Legal Loads 63. Op / 65. Inv. Rating Meth.: 1 LF Load Factor / 1 LF Load Factor</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>86.60</td> <td>155.80</td> <td></td> <td>117.10</td> <td>147.50</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>51.90</td> <td>93.50</td> <td></td> <td>70.20</td> <td></td> </tr> </tbody> </table>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	86.60	155.80		117.10	147.50	66. Inventory Rating (tons):	51.90	93.50		70.20	
	H	HS	3-3	EV3	SHV														
64. Operating Rating (tons):	86.60	155.80		117.10	147.50														
66. Inventory Rating (tons):	51.90	93.50		70.20															

<p style="text-align: center;"><b>OKLAHOMA ITEMS</b></p> <p>200c. Temperature: 65 200d. Weather: Cloudy 201. Struc. Stl. ASTM Desig.: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: Open Joint-No Device 204. Type of Railing: W-Beam 205. Material Quantity: -1.00 208a. Type of Abutment: Skeleton b. Type of Found.: Steel Piling 209. Type of Pier/Found.: - / - 210. Foundation Elev.: -1.00      -1.00 -1.00      -1.00      -1.00 211. Wear. Surf. Prot. Sys.: Date Installed: 01/01/1901 211c. Silane Reapplied 211d. Date : 213. Utilities Attached:</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: 5 Above Min Toler</p> <p>68. Deck Geom.: 6 Equal Min Criteria 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 8 Equal Desirable 72. Appr. Alignment: 8 Equal Desirable Crit 113. Scour Critical: 8 Stable Above Footin</p>
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<p style="text-align: center;"><b>PROPOSED IMPROVEMENTS</b></p> <p>94. Bridge Cost: \$120,553 95. Roadway Cost: \$66,304 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: 25.5 ft 114. Future ADT: 40 115. Yr. of Future ADT: 2039</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.: Not Applicable (P) 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 218. Functionally Obsolete : - 220. Bridge Redecked : - 221. Substr. Cond. (U/W): - 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 2 225. Paint Type/Ovrct: - N/A</p> <p>226. Date Painted: 227. Paint Color: 233. Deck Forming: Perm. Metal Deck Forr 238. School Bus Rte.: Current &amp; Desired route 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: 38.00 /</p>	<p>244. Span Lengths: 22</p> <p>245. Girder Depth: 21.00 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> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; height: 20px;"></td> <td style="width: 50%; height: 20px;"></td> </tr> <tr> <td style="width: 50%; height: 20px;"></td> <td style="width: 50%; height: 20px;"></td> </tr> </table> <p>248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: - 250. Headwall: 258. Plans w/Found. in ODOT File: - 259. Scour Eval. in ODOT File: - 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00</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</p> <p>215. Overpass: ACCO 218. Functionally Obsolete : - 220. Bridge Redecked : - 221. Substr. Cond. (U/W): - 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 2 225. Paint Type/Ovrct: - N/A</p> <p>226. Date Painted: 227. Paint Color: 233. Deck Forming: Perm. Metal Deck Forr 238. School Bus Rte.: Current &amp; Desired route 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: 38.00 /</p>

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 27721	<b>Structure No.:</b> 60E0580N3430003	<b>Local ID:</b> 027C 1	<b>Suff. Rating:</b> 86.00	<b>ND</b>
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Inspection Date: 10/14/21 Greg Wilson  
 Invoice No.: 2105-42 Inspected With: John Chandler



**BRIDGE NOTES:**

9 beams.

**INSPECTION NOTES:** 10/14/21

**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	603.00	0%	0.00	100%	603.00	0%	0.00	0%	0.00
Small cracks in deck surface - Unsealed.											
107 / 1	Steel Opn Girder/Beam	ft	109.00	0%	0.00	100%	109.00	0%	0.00	0%	0.00
FX - Minor rust top and bottom flanges.											
515 / 1	Steel Protective Coating	sq.ft	1,309.00	0%	0.00	100%	1,309.00	0%	0.00	0%	0.00
SUBSTANTIALLY EFFECTIVE											
219 / 1	Stl Abutment	ft	52.00	0%	0.00	100%	52.00	0%	0.00	0%	0.00
FX - Lite to Moderate rust											
225 / 1	Steel Pile	(EA)	18.00	0%	0.00	94%	17.00	6%	1.00	0%	0.00
FX - LIGHT TO MODERATE RUST. N. PILE AT W. ABUTMENT WITH MINOR EXFOLIATION. (8) WING PILES MINOR RUST.											
231 / 1	Steel Pier Cap	ft	56.00	0%	0.00	100%	56.00	0%	0.00	0%	0.00
FX - Light to moderate rust has formed											
330 / 1	Metal Bridge Railing	ft	46.00	100%	46.00	0%	0.00	0%	0.00	0%	0.00
919 / 1	St.(Rail) Prot. Coat	(SF)	132.00	100%	132.00	0%	0.00	0%	0.00	0%	0.00
865 / 1	St.Open Gird End(5Ft)	(LF)	90.00	0%	0.00	100%	90.00	0%	0.00	0%	0.00
FX - Lite to Moderate rust top and bottom flanges.											
871 / 1	Steel Wingwall	(EA)	4.00	0%	0.00	100%	4.00	0%	0.00	0%	0.00
RUST											
890 / 1	Steel SIP Form	(LF)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
SURFACE RUST											
958 / 1	Concrete Cracking SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
Widely scattered Hairline 7 lite cracking visible. Minor											
963 / 1	Steel Section Loss SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
N. PILE AT W. ABUTMENT WITH MINOR EXFOLIATION											

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 027C



NBI #: 27721 Str #: 60E0580N3430003  
Payne County

Facility Carried: RICHMOND RD.(E0580  
Feature Int.: CREEK

2021-10-14  
Looking W



NBI #: 27721 Str #: 60E0580N3430003  
Payne County

Facility Carried: RICHMOND RD.(E0580  
Feature Int.: CREEK

2021-10-14  
Looking S

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 027C



NBI #: 27721 Str #: 60E0580N3430003  
Payne County

Facility Carried: RICHMOND RD.(E0580  
Feature Int.: CREEK

2021-10-14  
W. Abutment



# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 30333	<b>Structure No.:</b> 60E0585N3370001	<b>Local ID:</b> 029 1	<b>Suff. Rating:</b> 86.00	<b>ND</b>
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<p><b>Bridge Description:</b> IDENTIFICATION</p> <div style="border: 1px solid black; padding: 2px;">34.5 FT I BEAM SPAN</div> <p>1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0585 5e. Dir. Sufx: N/A (NBI)</p> <p>7. Facility Carried: E0585 6. Feat. Intersect: BRUSH CREEK 9. Location: RICHMD;FAIRGND .5S.1E 11. Mile Post: 0.100 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 10' 01.00" 17. Longitude: 096° 59' 47.00" 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>10/12/2021</td> <td>10/12/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table> <p style="text-align: center;"><b>CLASSIFICATION</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <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> </tbody> </table>	Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	10/12/2021	10/12/2023	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
Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.																																								
NBI:		1	24 months	10/12/2021	10/12/2023																																								
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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: 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</p>	<p style="text-align: center;"><b>CONDITION</b></p> <p>58. Deck: 6 Satisfactory 62. Culvert: N/A (NBI) <b>Flowline Notes</b> S TO TOD FL 18.3' + 20' FROM W ABUT</p> <p>59. Sup.: 6 Satisfactory 61. Chan./Chan. Prot.: 7 Minor Damage 60. Sub: 5 Fair</p>
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<p style="text-align: center;"><b>AGE AND SERVICE</b></p> <p>19. Detour Length: 4.0 mi 27. Year Built: 2011 28a/b. Lanes on/und: 2 / 0 29. ADT: 50 30. Year of ADT: 2019 42a/b. Type of Svc on/und: Highway / Waterway</p> <p>106. Year Reconst.: 0 109. 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.: 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>62.00</td> <td>94.00</td> <td></td> <td>78.00</td> <td>85.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>37.00</td> <td>56.00</td> <td></td> <td>47.00</td> <td></td> </tr> </tbody> </table> <p>Date Rated: 01/05/2022</p>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	62.00	94.00		78.00	85.00	66. Inventory Rating (tons):	37.00	56.00		47.00	
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64. Operating Rating (tons):	62.00	94.00		78.00	85.00														
66. Inventory Rating (tons):	37.00	56.00		47.00															

<p style="text-align: center;"><b>GEOMETRIC DATA</b></p> <p>10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 24.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 26.70 ft 48. Length Max Span: 33.00 ft 49. Struct. Length: 34.50 ft</p> <p>50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 26.00 ft 52. Width Out to Out: 28.00 ft Deck Area: 966.00 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: 5 Above Min Toler</p> <p>68. Deck Geom.: 6 Equal Min Criteria 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 6 Equal Minimum 72. Appr. Alignment: 7 Above Min Criteria 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: 66 200d. Weather: Ptty 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: W-Beam 205. Material Quantity: -1.00 208a. Type of Abutment: Skeleton b. Type of Found.: Steel Piling 209. Type of Pier/Found.: - / - 210. Foundation Elev.: -1.00 -1.00 -1.00 -1.00 -1.00 211. Wear. Surf. Prot. Sys: - Date Installed: 01/01/1901 211c. Silane Reapplied 211d. Date: - 213. Utilities Attached: -</p>	<p style="text-align: center;"><b>PROPOSED IMPROVEMENTS</b></p> <p>94. Bridge Cost: \$-1 95. Roadway Cost: \$-1 96. Total Cost: \$-1 97. Yr. of Cost Est.: Unknown</p> <p>75. Type of Work: Unknown (P) 76. Lngth of Improvement: -1.0 ft 114. Future ADT: 75 115. Yr. of Future ADT: 2039</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.: Not Applicable (P) 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: No d. Vertical Clr. Sign: No Adv. Warning Sign: No e. Navigation Lights?: No Working/Not Working: No</p> <p>215. Overpass: ACCO 218. Functionally Obsolete: - 220. Bridge Redecked: - 221. Substr. Cond. (U/W): - 222. Fill Over RCB: - 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: - N/A 226. Date Painted: - 227. Paint Color: - 233. Deck Forming: Perm. Metal Deck Forr 238. School Bus Rte.: Current &amp; Desired route 240. Appr. Rwy Type: Gravel 243. Grdr Spacing/No.: /</p>	<p>244. Span Lengths: 245. Girder Depth: 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: 258. Plans w/ Found. in ODOT File: - 259. Scour Eval. in ODOT File: - 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00</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</p> <p>215. Overpass: ACCO 218. Functionally Obsolete: - 220. Bridge Redecked: - 221. Substr. Cond. (U/W): - 222. Fill Over RCB: - 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: - N/A 226. Date Painted: - 227. Paint Color: - 233. Deck Forming: Perm. Metal Deck Forr 238. School Bus Rte.: Current &amp; Desired route 240. Appr. Rwy Type: Gravel 243. Grdr Spacing/No.: /</p>
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**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 029



NBI #: 30333 Str #: 60E0585N3370001  
Payne County

Facility Carried: E0585  
Feature Int.: BRUSH CREEK

2021-10-12  
Looking W



NBI #: 30333 Str #: 60E0585N3370001  
Payne County

Facility Carried: E0585  
Feature Int.: BRUSH CREEK

2021-10-12  
Looking S

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 029



NBI #: 30333 Str #: 60E0585N3370001  
Payne County

Facility Carried: E0585  
Feature Int.: BRUSH CREEK

2021-10-12  
E. Abutment

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 27722	<b>Structure No.:</b> 60E0590N3390002	<b>Local ID:</b> 036 1	<b>Suff. Rating:</b> 96.00	<b>ND</b>
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**Bridge Description:** IDENTIFICATION  
18ft.-21ft.-15ft. I-BEAM SPANS

1. State: Oklahoma	7. Facility Carried: AIRPORT RD.(E0590)
2. Division: Division 4	6. Feat. Intersect: LITTLE STILLWATER CREEK
3. County: PAYNE	9. Location: AIRPORTRD&UNION RD .2E
4. City: Unknown	11. Mile Post: 0.200 mi
Admin Area: Cnty. District 1	13. LRS Inv. / Sub Rte: -1 / -1
5a. On/Under: Route On Structure	16. Latitude: 36° 09' 36.42"
5b. Kind of Hwy: County Hwy	17. Longitude: 096° 57' 32.45"
5c. Lvl of Svc: Mainline	98. Border Brdg: Unknown (P)
5d. Route No.: E0590	% 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	10/12/2021	10/12/2023
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.: 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	

**STRUCTURE TYPE AND MATERIALS**

43a/b. Main Span: Steel / Stringer/Girder  
44a/b. Appr. Span: Other / Other (NBI)

45. # of Main Spans: 3  
46. # of Appr. Spans: 0

107. Deck Type: Concrete-Cast-in-Place  
108a. Wearing Surface: Monolithic Concrete  
108b. Membrane: None  
108c. Deck protection: None

**CONDITION**

58. Deck: 6 Satisfactory | 59. Sup.: 6 Satisfactory | 60. Sub: 6 Satisfactory  
62. Culvert: N/A (NBI) | 61. Chan./Chan. Prot.: 6 Bank Slumping

**Flowline Notes**

S TO TOD FL 15.7' + 24' FROM W ABUT

**AGE AND SERVICE**

19. Detour Length: 4.0 mi | 106. Year Reconst.: 0  
27. Year Built: 2003 | 109. Truck ADT: 10%

28a/b. Lanes on/und: 2 / 0  
29. ADT: 50  
30. Year of ADT: 2019

42a/b. Type of Svc on/und: Highway / Waterway

**LOAD RATING AND POSTING**

31. Design Load: MS 18 (HS 20) | Date Rated: 11/19/2019  
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

	<b>H</b>	<b>HS</b>	<b>3-3</b>	<b>EV3</b>	<b>SHV</b>
64. Operating Rating (tons):	55.50	84.90		67.90	88.10
66. Inventory Rating (tons):	33.30	51.00		40.70	

**GEOMETRIC DATA**

10. Vert. Clearance: 99.99 ft	50a. Curb/Sdwk Width L: 0.00 ft
32. Appr Rwy Width: 21.00 ft	50b. Curb/Sdwk Width R: 0.00 ft
33. Median: No median	51. Width Curb to Curb: 22.80 ft
34. Skew: 0.00°	52. Width Out to Out: 23.40 ft
35. Struct. Flared: No flare	Deck Area: 1,249.48 sq. ft
47. Horizontal Clr: 22.80 ft	53. Min. Vert. Cl. Ovr Brg: 99.99 ft
48. Length Max Span: 21.00 ft	54a. Min. Vert. Undclr. Ref.: N Feature not hwy c
49. Struct. Length: 53.40 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.: 5 Above Tolerable
36b. Transition: 0 Substandard	69. Vert./Horiz. Undclr: Not applicable (NB)
36c. Appr. Rail: 0 Substandard	71. Waterway Adeq: 8 Equal Desirable
36d. Appr. Rail Ends: 0 Substandard	72. Appr. Alignment: 8 Equal Desirable Crit
67. Str Evaluation: 6 Equal Min Criteri	113. Scour Critical: 8 Stable Above Footin

**OKLAHOMA ITEMS**

200c. Temperature: 60  
200d. Weather: Ptly Cloudy

201. Struc. Stl. ASTM Desig.: -1 / -1  
202. Waterprf. Membrane: -1  
Date Installed: 01/01/1901  
203. Type Exp. Device: Open Joint-No Device

204. Type of Railing: W-Beam  
205. Material Quantity: -1.00  
208a. Type of Abutment: Skeleton  
b. Type of Found.: Steel Piling  
209. Type of Pier/Found.: B / No  
Steel Piling

210. Foundation Elev.:	-1.00	-1.00
	-1.00	-1.00

211. Wear. Surf. Prot. Sys: -  
Date Installed: 01/01/1901

211c. Silane Reapplied  
211d. Date: -  
213. Utilities Attached: -

**PROPOSED IMPROVEMENTS**

94. Bridge Cost: \$249,717	75. Type of Work: 31 Repl-Load Capacity
95. Roadway Cost: \$137,344	76. Lngth of Improvement: 58.7 ft
96. Total Cost: \$396,738	114. Future ADT: 80
97. Yr. of Cost Est.: 2015	115. Yr. of Future ADT: 2039

**NAVIGATION DATA**

38. Nav. Control: Permit Not Required  
39. Vert. Clearance: 0.0 ft | 111. Pier Protect.: Not Applicable (P)  
40. Horiz. Clearance: 0.0 ft | 116. Lift Bridge Vert. Clr.: 0.0 ft

244. Span Lengths: 22

245. Girder Depth: 12.50  
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:  
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> 27722	<b>Structure No.:</b> 60E0590N3390002	<b>Local ID:</b> 036 1	<b>Suff. Rating:</b> 96.00	<b>ND</b>
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Inspection Date: 10/12/21 Greg Wilson  
 Invoice No.: 2105-42 Inspected With: John Chandler



**BRIDGE NOTES:**

**INSPECTION NOTES:** 10/12/21

FX - Brush needs cut back

**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	1,217.00	67%	817.00	33%	400.00	0%	0.00	0%	0.00
FX - Minor distress. (3) TRANSVERSE 1/16in. CRACKS											
107 / 1	Steel Opn Girder/Beam	ft	651.00	0%	0.00	100%	651.00	0%	0.00	0%	0.00
FX - Rust with light pitting.											
219 / 1	Stl Abutment	ft	47.00	0%	0.00	100%	47.00	0%	0.00	0%	0.00
FX - V.lite staining.											
918 / 1	St.(substr)Prot.Coat	(EA)	920.00	0%	0.00	100%	920.00	0%	0.00	0%	0.00
SUBSTANTIALLY EFFECTIVE											
225 / 1	Steel Pile	(EA)	22.00	0%	0.00	100%	22.00	0%	0.00	0%	0.00
FX - Moderate to heavy surface rust only on used pipe. (8) WING PILES - SURFACE RUST.											
231 / 1	Steel Pier Cap	ft	94.00	0%	0.00	100%	94.00	0%	0.00	0%	0.00
FX - Light to heavy surface rust w/some scaling.											
330 / 1	Metal Bridge Railing	ft	106.00	100%	106.00	0%	0.00	0%	0.00	0%	0.00
919 / 1	St.(Rail) Prot. Coat	(SF)	303.00	0%	0.00	100%	303.00	0%	0.00	0%	0.00
SUBSTANTIALLY EFFECTIVE											
865 / 1	St.Open Gird End(5Ft)	(LF)	150.00	0%	0.00	100%	150.00	0%	0.00	0%	0.00
FX - Rust with light pitting.											
871 / 1	Steel Wingwall	(EA)	4.00	0%	0.00	100%	4.00	0%	0.00	0%	0.00
RUST											
890 / 1	Steel SIP Form	(LF)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
FX - SURFACE RUST											
958 / 1	Concrete Cracking SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
ISOLATION MINOR CRACKS (3) TRANSVERSE 1/16in. CRACKS											
968 / 1	Erosion SF	(EA)	1.00	100%	1.00	0%	0.00	0%	0.00	0%	0.00
FX - Both banks are eroding and are unprotected from more erosion as well as 4in. slumping at pier.											

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 036



NBI #: 27722 Str #: 60E0590N3390002  
Payne County

Facility Carried: AIRPORT RD.(E0590)  
Feature Int.: LITTLE STILLWATER CREEK

2021-10-12  
Looking E



NBI #: 27722 Str #: 60E0590N3390002  
Payne County

Facility Carried: AIRPORT RD.(E0590)  
Feature Int.: LITTLE STILLWATER CREEK

2021-10-12  
Looking N

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 27066	<b>Structure No.:</b> 60E0590N350000	<b>Local ID:</b> 037A 1	<b>Suff. Rating:</b> 85.00	<b>ND</b>
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<p><b>Bridge Description:</b> IDENTIFICATION</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">20ft. I-BEAM SPAN</div> <p>1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0590 5e. Dir. Sufx: N/A (NBI)</p> <p>7. Facility Carried: AIRPORT RD.(E0590) 6. Feat. Intersect: CREEK 9. Location: AIRPORT RDITMOONS INTR 11. Mile Post: NA 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 09' 33.53" 17. Longitude: 096° 45' 58.84" 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>10/18/2021</td> <td>10/18/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table> <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	10/18/2021	10/18/2023	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: Concrete-Cast-in-Place 108a. Wearing Surface: Monolithic Concrete 108b. Membrane: None 108c. Deck protection: None</p>	<p style="text-align: center;"><b>CONDITION</b></p> <p>58. Deck: 6 Satisfactory 59. Sup.: 6 Satisfactory 60. Sub: 5 Fair 62. Culvert: N/A (NBI) 61. Chan./Chan. Prot.: 6 Bank Slumping</p> <p><b>Flowline Notes</b></p> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">TOD S. TO FL 13.4' +19' FROM W. ABUTMENT</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: 2002 28a/b. Lanes on/und: 2 / 0 29. ADT: 25 30. Year of ADT: 2019 42a/b. Type of Svc on/und: Highway / Waterway</p> <p>106. Year Reconst.: 0 109. Truck ADT: 10%</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: 11/20/2019</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>37.40</td> <td>63.60</td> <td></td> <td>68.50</td> <td>92.30</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>22.50</td> <td>38.20</td> <td></td> <td>41.10</td> <td></td> </tr> </tbody> </table>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	37.40	63.60		68.50	92.30	66. Inventory Rating (tons):	22.50	38.20		41.10	
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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: 19.70 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 25.40 ft 48. Length Max Span: 19.20 ft 49. Struct. Length: 20.10 ft</p> <p>50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 25.40 ft 52. Width Out to Out: 26.00 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. Brdg Rail: 0 Substandard 36b. Transition: 0 Substandard 36c. Appr. Rail: 0 Substandard 36d. Appr. Rail Ends: 0 Substandard 67. Str Evaluation: 5 Above Min Toler</p> <p>68. Deck Geom.: 6 Equal 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: 7 Countermeasures</p>
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<p style="text-align: center;"><b>OKLAHOMA ITEMS</b></p> <p>200c. Temperature: 62 200d. Weather: Cloudy 201. Struc. Stl. ASTM Desig.: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: Open Joint-No Device 204. Type of Railing: W-Beam 205. Material Quantity: -1.00 208a. Type of Abutment: Skeleton b. Type of Found.: Steel Piling 209. Type of Pier/Found.: - / - 210. Foundation Elev.: -1.00    -1.00 -1.00    -1.00    -1.00 211. Wear. Surf. Prot. Sys: Date Installed: 01/01/1901 211c. Silane Reapplied 211d. Date: 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 218. Functionally Obsolete: - 220. Bridge Redecked: - 221. Substr. Cond. (U/W): 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 2 225. Paint Type/Ovrct: Red Lead 3 Coat System N/A 226. Date Painted: 2002 227. Paint Color: Silver 233. Deck Forming: Perm. Metal Deck Form 238. School Bus Rte.: Desired bus route 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: 19.00 /</p>
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<p style="text-align: center;"><b>PROPOSED IMPROVEMENTS</b></p> <p>94. Bridge Cost: \$131,847 95. Roadway Cost: \$65,924 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: 100.0 ft 114. Future ADT: 40 115. Yr. of Future ADT: 2039</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.: Not Applicable (P) 116. Lift Bridge Vert. Clr.: 0.0 ft</p>
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<p>244. Span Lengths: 19</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": -</p> <p>247. Protective Systems:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td style="width: 50%; height: 20px;"></td> <td style="width: 50%; height: 20px;"></td> </tr> <tr> <td style="width: 50%; height: 20px;"></td> <td style="width: 50%; height: 20px;"></td> </tr> </table> <p>248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: - 250. Headwall: 258. Plans w/Found. in ODOT File: - 259. Scour Eval. in ODOT File: - 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00</p>					





**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 037A



NBI #: 27066 Str #: 60E0590N3500000  
Payne County

Facility Carried: AIRPORT RD.(E0590)  
Feature Int.: CREEK

2021-10-18  
Looking E



NBI #: 27066 Str #: 60E0590N3500000  
Payne County

Facility Carried: AIRPORT RD.(E0590)  
Feature Int.: CREEK

2021-10-18  
N. Rail

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 037A



NBI #: 27066 Str #: 60E0590N3500000  
Payne County

Facility Carried: AIRPORT RD.(E0590)  
Feature Int.: CREEK

2021-10-18  
Looking S



NBI #: 27066 Str #: 60E0590N3500000  
Payne County

Facility Carried: AIRPORT RD.(E0590)  
Feature Int.: CREEK

2021-10-18  
E. Abutment

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 27039	<b>Structure No.:</b> 60E0590N3500001	<b>Local ID:</b> 038 1	<b>Suff. Rating:</b> 86.00	<b>ND</b>																														
<b>Bridge Description:</b> 30ft. I-BEAM SPAN		<b>IDENTIFICATION</b>																																
1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0590 5e. Dir. Sufx: N/A (NBI)		7. Facility Carried : AIRPORT RD.(E0590) 6. Feat. Intersect: CREEK 9. Location: AIRPORT RD(TMOONS .1E 11. Mile Post: 0.100 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 09' 33.55" 17. Longitude: 096° 45' 57.94" 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: No d. Vertical Clr. Sign: No Adv. Warning Sign: No e. Navigation Lights?: No Working/Not Working: No 215. Overpass: ACCO 218. Functionally Obsolete : - 220. Bridge Redecked : - 221. Substr. Cond. (U/W): - 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 2 225. Paint Type/Ovrct: Red Lead 3 Coat System N/A 226. Date Painted: 2002 227. Paint Color: Silver 233. Deck Forming: Perm. Metal Deck Form 238. School Bus Rte.: Current & Desired route 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: 38.00 /		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>244. Span Lengths:</th> <th>30</th> </tr> </thead> <tbody> <tr> <td>245. Girder Depth:</td> <td>24.00</td> </tr> <tr> <td>246a. Type of Overlay:</td> <td>NA</td> </tr> <tr> <td>b. Overlay Thickness:</td> <td></td> </tr> <tr> <td>c. Overlay Date:</td> <td>01/01/1901</td> </tr> <tr> <td>d. Ovlv Depth Changed &gt;1":</td> <td>-</td> </tr> <tr> <td>247. Protective Systems:</td> <td></td> </tr> <tr> <td>248. # Field Splices w/ Corrosion:</td> <td></td> </tr> <tr> <td>249. Scour Crit. POA Exists?:</td> <td>-</td> </tr> <tr> <td>250. Headwall:</td> <td></td> </tr> <tr> <td>258. Plans w/Found.in ODOT File:</td> <td>-</td> </tr> <tr> <td>259. Scour Eval. in ODOT File:</td> <td>-</td> </tr> <tr> <td>263. Interchange at Intersection:</td> <td>-</td> </tr> <tr> <td>264. Interstate Milepoint:</td> <td>-1.00</td> </tr> </tbody> </table>			244. Span Lengths:	30	245. Girder Depth:	24.00	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:		258. Plans w/Found.in ODOT File:	-	259. Scour Eval. in ODOT File:	-	263. Interchange at Intersection:	-	264. Interstate Milepoint:	-1.00		
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**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 038



NBI #: 27039 Str #: 60E0590N3500001  
Payne County

Facility Carried: AIRPORT RD.(E0590)  
Feature Int.: CREEK

2021-10-18  
Looking W



NBI #: 27039 Str #: 60E0590N3500001  
Payne County

Facility Carried: AIRPORT RD.(E0590)  
Feature Int.: CREEK

2021-10-18  
Looking S

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 038



NBI #: 27039 Str #: 60E0590N3500001  
Payne County

Facility Carried: AIRPORT RD.(E0590)  
Feature Int.: CREEK

2021-10-18  
W. Abutment

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 28172	<b>Structure No.:</b> 60E0590N3510008	<b>Local ID:</b> 039 1	<b>Suff. Rating:</b> 97.00	<b>ND</b>
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<p><b>Bridge Description:</b> IDENTIFICATION</p> <div style="border: 1px solid black; padding: 2px;">31.5ft. I-BEAM SPAN, SK68RF</div> <p>1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0590 5e. Dir. Sufx: N/A (NBI)</p> <p>7. Facility Carried: AIRPORT RD. 6. Feat. Intersect: EAGLE CREEK 9. Location: .8E AIRPORT RD/RIVERSIDE 11. Mile Post: 0.800 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 09' 34.15" 17. Longitude: 096° 44' 09.24" 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>10/18/2021</td> <td>10/18/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table> <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: IRR-Indian Res Rd</td> </tr> <tr> <td>37. Historical Sig.: Not eligible for NRHP</td> <td>110. Defense Hwy: Not a STRAHNET hwy</td> </tr> <tr> <td>100. Def. Hwy: Not a STRAHNET hwy</td> <td>112. NBIS Length: Long Enough</td> </tr> </table>	Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	10/18/2021	10/18/2023	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: IRR-Indian Res Rd	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: Concrete-Cast-in-Place 108a. Wearing Surface: Monolithic Concrete 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> S TO TOD FL 16.4' + 29' FROM W ABUT</p> <p>59. Sup.: 6 Satisfactory 61. Chan./Chan. Prot.: 6 Bank Slumping 60. Sub: 6 Satisfactory</p>
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<p style="text-align: center;"><b>AGE AND SERVICE</b></p> <p>19. Detour Length: 4.0 mi 27. Year Built: 2004 28a/b. Lanes on/und: 2 / 0 29. ADT: 50 30. Year of ADT: 2019 42a/b. Type of Svc on/und: Highway / Waterway</p> <p>106. Year Reconst.: 0 109. 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.: 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>72.00</td> <td>112.00</td> <td></td> <td>93.00</td> <td>101.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>43.00</td> <td>67.00</td> <td></td> <td>55.00</td> <td></td> </tr> </tbody> </table> <p>Date Rated: 01/06/2022</p>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	72.00	112.00		93.00	101.00	66. Inventory Rating (tons):	43.00	67.00		55.00	
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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: 22.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 25.00 ft 48. Length Max Span: 30.20 ft 49. Struct. Length: 31.50 ft</p> <p>50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 25.00 ft 52. Width Out to Out: 25.80 ft Deck Area: 812.70 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: 6 Equal Min Criteria</p> <p>68. Deck Geom.: 6 Equal Min Criteria 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 6 Equal Minimum 72. Appr. Alignment: 8 Equal Desirable 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: 65 200d. Weather: Clear 201. Struc. Stl. ASTM Desig.: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: Open Joint-No Device 204. Type of Railing: W-Beam 205. Material Quantity: -1.00 208a. Type of Abutment: Skeleton b. Type of Found.: Steel Piling 209. Type of Pier/Found.: - / - 210. Foundation Elev.: -1.00    -1.00 -1.00    -1.00    -1.00 211. Wear. Surf. Prot. Sys.: Date Installed: 01/01/1901 211c. Silane Reapplied 211d. Date: 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 218. Functionally Obsolete: - 220. Bridge Redecked: - 221. Substr. Cond. (U/W): - 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 2 225. Paint Type/Ovrct: - N/A 226. Date Painted: 227. Paint Color: 233. Deck Forming: Perm. Metal Deck Form 238. School Bus Rte.: Current &amp; Desired route 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: /</p>
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<p style="text-align: center;"><b>PROPOSED IMPROVEMENTS</b></p> <p>94. Bridge Cost: \$155,110 95. Roadway Cost: \$232,665 96. Total Cost: \$445,941 97. Yr. of Cost Est.: 2015</p> <p>75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 110.8 ft 114. Future ADT: 80 115. Yr. of Future ADT: 2039</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.: Not Applicable (P) 116. Lift Bridge Vert. Clr.: 0.0 ft</p>
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<p>244. Span Lengths: 245. Girder Depth: 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: 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> 28172	<b>Structure No.:</b> 60E0590N3510008	<b>Local ID:</b> 039 1	<b>Suff. Rating:</b> 97.00	<b>ND</b>
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Inspection Date: 10/18/21 Greg Wilson  
 Invoice No.: 2105-42 Inspected With: John Chandler



**BRIDGE NOTES:**

9 beams. 2 braces @ 1/3 points.

**INSPECTION NOTES:** 10/18/21

PX - MISSING CORNER MARKERS

**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	788.00	94%	738.00	6%	50.00	0%	0.00	0%	0.00
FX - 2 1/16in. transverse shrinkage cracks. LOOSE GRAVEL / DIRT ON DECK											
107 / 1	Steel Opn Girder/Beam	ft	194.00	0%	0.00	100%	194.00	0%	0.00	0%	0.00
FX - Some minor rust spots. mostly on flanges.											
515 / 1	Steel Protective Coating	sq.ft	1,918.00	0%	0.00	0%	0.00	0%	0.00	100%	1,918.00
PROTECTION FAILED											
219 / 1	Stl Abutment	ft	55.00	0%	0.00	100%	55.00	0%	0.00	0%	0.00
FX - Lite Surface rust overall.											
225 / 1	Steel Pile	(EA)	18.00	0%	0.00	100%	18.00	0%	0.00	0%	0.00
FX - (5) PILES AT EACH ABUTMENT SURFACE RUST. (8) WING PILES - SURFACE RUST											
231 / 1	Steel Pier Cap	ft	61.00	0%	0.00	100%	61.00	0%	0.00	0%	0.00
FX - Lite Surface rust overall.											
330 / 1	Metal Bridge Railing	ft	63.00	100%	63.00	0%	0.00	0%	0.00	0%	0.00
919 / 1	St.(Rail) Prot. Coat	(SF)	180.00	100%	180.00	0%	0.00	0%	0.00	0%	0.00
865 / 1	St.Open Gird End(5Ft)	(LF)	90.00	0%	0.00	100%	90.00	0%	0.00	0%	0.00
FX - Some minor rust spots. mostly on flanges											
871 / 1	Steel Wingwall	(EA)	4.00	0%	0.00	100%	4.00	0%	0.00	0%	0.00
RUST											
890 / 1	Steel SIP Form	(LF)	1.00	100%	1.00	0%	0.00	0%	0.00	0%	0.00
958 / 1	Concrete Cracking SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
FX - Lite & widely scattered Transverse 1/16in. Cracking [2].											

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 039



NBI #: 28172 Str #: 60E0590N3510008  
Payne County

Facility Carried: AIRPORT RD.  
Feature Int.: EAGLE CREEK

2021-10-18  
Looking E



NBI #: 28172 Str #: 60E0590N3510008  
Payne County

Facility Carried: AIRPORT RD.  
Feature Int.: EAGLE CREEK

2021-10-18  
Looking N

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 09430	<b>Structure No.:</b> 60E0590N3570009	<b>Local ID:</b> 040 1	<b>Suff. Rating:</b> 52.70	<b>SD</b>
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<p><b>Bridge Description:</b> IDENTIFICATION</p> <div style="border: 1px solid black; padding: 2px;">7-17ft. CONC SLAB SPANS</div> <p>1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: 6016C 5e. Dir. Sufx: N/A (NBI)</p> <p>7. Facility Carried: AIRPORT RD.(E0590) 6. Feat. Intersect: LAGOON CREEK 9. Location: AIRPORT RD/EAGLE RD .9E 11. Mile Post: 0.900 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 09' 35.28" 17. Longitude: 096° 37' 29.37" 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>10/20/2021</td> <td>10/20/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>	Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	10/20/2021	10/20/2023	FC:	N	0		NA	NA	UW:	N	0		NA	NA	OS:	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: Concrete / Slab 44a/b. Appr. Span: N/A / Not Applicable (P) 45. # of Main Spans: 7 46. # of Appr. Spans: 0 107. Deck Type: Concrete-Cast-in-Place 108a. Wearing Surface: Monolithic Concrete 108b. Membrane: None 108c. Deck protection: None</p>	<p style="text-align: center;"><b>CONDITION</b></p> <p>58. Deck: 4 Poor 59. Sup.: 4 Poor 60. Sub: 4 Poor 62. Culvert: N/A (NBI) 61. Chan./Chan. Prot.: 5 Bank Prot Eroded</p> <p><b>Flowline Notes</b></p> <div style="border: 1px solid black; padding: 2px;">Rock flowline. south top of curb to fl = 15.7'</div>
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<p style="text-align: center;"><b>AGE AND SERVICE</b></p> <p>19. Detour Length: 4.0 mi 27. Year Built: 1940 28a/b. Lanes on/und: 2 / 0 29. ADT: 50 30. Year of ADT: 2019 42a/b. Type of Svc on/und: Highway / Waterway</p> <p>106. Year Reconst.: 0 109. Truck ADT: 15%</p>	<p style="text-align: center;"><b>LOAD RATING AND POSTING</b></p> <p>31. Design Load: MS 18 (HS 20) 41. Post. Status: A Open, no restriction 70. Posting: 5 At/Above Legal Loads 63. Op / 65. Inv. Rating Meth.: 1 LF Load Factor / 1 LF Load Factor</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>23.00</td> <td>43.00</td> <td></td> <td></td> <td></td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>13.00</td> <td>24.00</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Date Rated: 05/30/2018</p>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	23.00	43.00				66. Inventory Rating (tons):	13.00	24.00			
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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: No flare 47. Horizontal Clr: 24.00 ft 48. Length Max Span: 17.10 ft 49. Struct. Length: 119.10 ft</p> <p>50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 24.00 ft 52. Width Out to Out: 26.50 ft Deck Area: 3,156.10 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.: 6 Equal Min Criteria 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 5 Above Tolerable 72. Appr. Alignment: 4 Minimum Tolerable 113. Scour Critical: 4 Stable, needs action</p>
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<p style="text-align: center;"><b>OKLAHOMA ITEMS</b></p> <p>200c. Temperature: 68 200d. Weather: Cloudy 201. Struc. Stl. ASTM Desig.: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: Open Joint-No Device 204. Type of Railing: BC 205. Material Quantity: -1.00 208a. Type of Abutment: Other b. Type of Found.: Bears on Natural Found. 209. Type of Pier/Found.: 1 / Yes No Piling/Drilled Shaft 210. Foundation Elev.: -1.00 / -1.00 / -1.00 211. Wear. Surf. Prot. Sys: None Date Installed: 01/01/1901 211c. Silane Reapplied 211d. Date: 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 218. Functionally Obsolete: - 220. Bridge Redecked: - 221. Substr. Cond. (U/W): 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: Red Lead 3 Coat System N/A 226. Date Painted: 1940 227. Paint Color: Silver 233. Deck Forming: Conventional Forming 238. School Bus Rte.: Current &amp; Desired route 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: /</p>
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<p style="text-align: center;"><b>PROPOSED IMPROVEMENTS</b></p> <p>94. Bridge Cost: \$349,000 95. Roadway Cost: \$192,000 96. Total Cost: \$558,000 97. Yr. of Cost Est.: 2015</p> <p>75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 224.2 ft 114. Future ADT: 80 115. Yr. of Future ADT: 2039</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.: Not Applicable (P) 116. Lift Bridge Vert. Clr.: 0.0 ft</p>
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<p>244. Span Lengths: 17 / 17 / 17</p> <p>245. Girder Depth: 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: 258. Plans w/Found.in ODOT File: - 259. Scour Eval. in ODOT File: - 263. Interchange at Intersection: - 264. Interstate Milepoint:</p>
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 09430	<b>Structure No.:</b> 60E0590N3570009	<b>Local ID:</b> 040 1	<b>Suff. Rating:</b> 52.70	<b>SD</b>
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Inspection Date: 10/20/21 Greg Wilson  
 Invoice No.: 2105-42 Inspected With: John Chandler

**BRIDGE NOTES:**

Str. has 3 failed Masonry piers replaced with Conc Columns & Steel pile Pier Supports.

**INSPECTION NOTES:** 10/20/21

OS INSPECTION REQUESTED BY CO. COMM. DUE TO RECENT FLOODING IN MAY/JUNE (2019)

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
38 / 1	Re Concrete Slab	sq.ft	2,858.00	0%	0.00	86%	2,458.00	14%	400.00	0%	0.00
Minor cracking thru slab, monitor - underneath thru cracks with light efflorescence											
205 / 1	Re Conc Column	each	2.00	50%	1.00	50%	1.00	0%	0.00	0%	0.00
FX - 1 small spall @ N.Col.^ Soot Staining^ Lite random cracks near & @ top of north column.											
211 / 1	Other Pier Wall	ft	78.00	0%	0.00	38%	30.00	62%	48.00	0%	0.00
FX - qty includes piers #3 and #5, each wall with minor impact damage from drift, north edge only. remaining pier wall at west pier not included due to new steel caps and piles added (2018) remaining pier walls with minor cracks and scrapes. pier wall at pier #2 has been removed (2018). NO VISIBLE NEW DAMAGE FROM CURRENT DRIFT (2021)											
217 / 1	Masonry Abutment	ft	52.00	0%	0.00	77%	40.00	23%	12.00	0%	0.00
PX - Minor crack between stones on west abutment. Solid overall. Some deterioration of lower footing on east abutment.											
225 / 1	Steel Pile	(EA)	8.00	0%	0.00	100%	8.00	0%	0.00	0%	0.00
FX - pier #2 placed prior to 1991, hvy surface rust. west pier (4) new piles added											
231 / 1	Steel Pier Cap	ft	112.00	0%	0.00	0%	0.00	100%	112.00	0%	0.00
FX - Freckle rust on flanges of Bent #6. - Heavy surface rust with scaling on bent #2 caps and on newly placed caps at pier #1. pier #1 caps with old failing paint with mod to deep pitting on bottom flanges.											
918 / 1	St.(substr)Prot.Coat	(EA)	241.00	0%	0.00	0%	0.00	0%	0.00	100%	241.00
failed											
331 / 1	Re Conc Bridge Railing	ft	243.00	0%	0.00	20%	48.00	28%	67.00	53%	128.00
FX - 16 sections completely gone. Heavy damage to 2 sections. 11 posts have Heavy to Severe damage. -- Type = Conc.Post & rail.											
859 / 1	Soffit	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
FX - Transverse & Long.cracks with seepage all spans. some light efflorescence, span #3 near south edge with 3'x1' shallow spall with exposed rebar											
870 / 1	Concrete Wingwall	(EA)	3.00	0%	0.00	67%	2.00	33%	1.00	0%	0.00
FX - top half of northwest wing gone. northeast wing is gone (not counted)											
909 / 1	Pourable Fix Jt.Seal	(LF)	157.00	0%	0.00	0%	0.00	100%	157.00	0%	0.00
FX - Deterioration @ all joints.											
958 / 1	Concrete Cracking SF	(EA)	1.00	0%	0.00	0%	0.00	100%	1.00	0%	0.00
FX - Large longitudinal crack in most spans near centerline. Some minor MAP cracking overall. Needs sealed.											
961 / 1	Scour SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
PX - FOOTING VISIBLE AT WEST ABUTMENT FULL LENGTH - BOTTOM STILL UNDER FILL - PROTECTION NEEDED -											
963 / 1	Steel Section Loss SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
FX - minor loss on bottom flanges of newly placed caps at pier #1											
965 / 1	Debris SF	(EA)	1.00	0%	0.00	0%	0.00	100%	1.00	0%	0.00
FX - MINOR LARGE DRIFT U.S. END.											
968 / 1	Erosion SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
FX - BROKEN CONC. AROUND NORTHWEST CORNER HAS BEEN DISPLACED - ADDITIONAL PROTECTION NEEDED											

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 040



NBI #: 09430 Str #: 60E0590N3570009  
Payne County

Facility Carried: AIRPORT RD.(E0590)  
Feature Int.: LAGOON CREEK

2021-10-20  
Looking E



NBI #: 09430 Str #: 60E0590N3570009  
Payne County

Facility Carried: AIRPORT RD.(E0590)  
Feature Int.: LAGOON CREEK

2021-10-20  
NW Corner

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 040



NBI #: 09430 Str #: 60E0590N3570009  
Payne County

Facility Carried: AIRPORT RD.(E0590)  
Feature Int.: LAGOON CREEK

2021-10-20  
S. Rail



NBI #: 09430 Str #: 60E0590N3570009  
Payne County

Facility Carried: AIRPORT RD.(E0590)  
Feature Int.: LAGOON CREEK

2021-10-20  
N. Rail

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 040



NBI #: 09430 Str #: 60E0590N3570009  
Payne County

Facility Carried: AIRPORT RD.(E0590)  
Feature Int.: LAGOON CREEK

2021-10-20  
JOINT



NBI #: 09430 Str #: 60E0590N3570009  
Payne County

Facility Carried: AIRPORT RD.(E0590)  
Feature Int.: LAGOON CREEK

2021-10-20  
Deck

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 040



NBI #: 09430 Str #: 60E0590N3570009  
Payne County

Facility Carried: AIRPORT RD.(E0590)  
Feature Int.: LAGOON CREEK

2021-10-20  
Looking S



NBI #: 09430 Str #: 60E0590N3570009  
Payne County

Facility Carried: AIRPORT RD.(E0590)  
Feature Int.: LAGOON CREEK

2021-10-20  
Drift



**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 040



NBI #: 09430 Str #: 60E0590N3570009  
Payne County

Facility Carried: AIRPORT RD.(E0590)  
Feature Int.: LAGOON CREEK

2021-10-20  
NW Corner



NBI #: 09430 Str #: 60E0590N3570009  
Payne County

Facility Carried: AIRPORT RD.(E0590)  
Feature Int.: LAGOON CREEK

2021-10-20  
W. Abutment

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 040



NBI #: 09430 Str #: 60E0590N3570009  
Payne County

Facility Carried: AIRPORT RD.(E0590)  
Feature Int.: LAGOON CREEK

2021-10-20  
PIERS 4&5



NBI #: 09430 Str #: 60E0590N3570009  
Payne County

Facility Carried: AIRPORT RD.(E0590)  
Feature Int.: LAGOON CREEK

2021-10-20  
Soffit SP 7

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 040



NBI #: 09430 Str #: 60E0590N3570009  
Payne County

Facility Carried: AIRPORT RD.(E0590)  
Feature Int.: LAGOON CREEK

2021-10-20  
Looking N

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 28263	<b>Structure No.:</b> 60E0600N3390006	<b>Local ID:</b> 050 1	<b>Suff. Rating:</b> 100.00	<b>ND</b>
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<b>Bridge Description:</b> 85ft. PC BEAM SPAN  1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0600 5e. Dir. Sufx: N/A (NBI)	<b>IDENTIFICATION</b> 7. Facility Carried : E0600 6. Feat. Intersect: LITTLE STILLWATER CREEK 9. Location: 2.N 2.6 E FRGRDS RD/SH 51 11. Mile Post: 0.600 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 08' 44.00" 17. Longitude: 096° 57' 06.00" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown
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<b>STRUCTURE TYPE AND MATERIALS</b> 43a/b. Main Span: Concrete / 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	<b>INSPECTION</b> <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>10/12/2021</td> <td>10/12/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>	Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	10/12/2021	10/12/2023	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	10/12/2021	10/12/2023																										
FC:	N	0		NA	NA																										
UW:	N	0		NA	NA																										
OS:	N	0		NA	NA																										

  

<b>AGE AND SERVICE</b> 19. Detour Length: 2.0 mi 27. Year Built: 2014 28a/b. Lanes on/und: 2 / 0 29. ADT: 50 30. Year of ADT: 2019 42a/b. Type of Svc on/und: Highway / Waterway	<b>CLASSIFICATION</b> 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.: Not Applicable (P) 104. Hwy System: Not on NHS 105. Fed Land Hwy: N/A (NBI) 110. Defense Hwy: Not a STRAHNET hwy 112. NBIS Length: Long Enough
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<b>GEOMETRIC DATA</b> 10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 24.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 26.20 ft 48. Length Max Span: 82.00 ft 49. Struct. Length: 86.00 ft 50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 26.20 ft 52. Width Out to Out: 28.50 ft Deck Area: 2,451.07 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	<b>CONDITION</b> 58. Deck: 7 Good 62. Culvert: N/A (NBI) 59. Sup.: 8 Very Good 61. Chan./Chan. Prot.: 8 Protected 60. Sub: 8 Very Good <b>Flowline Notes</b> FL 24.4' TOR 42' E OF SW COR
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<b>OKLAHOMA ITEMS</b> 200c. Temperature: 60 200d. Weather: Ptly Cloudy 201. Struc. Stl. ASTM Desig.: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: Open Joint-No Device 204. Type of Railing: TR-1 205. Material Quantity: -1.00 208a. Type of Abutment: Skeleton b. Type of Found.: Steel Piling 209. Type of Pier/Found.: - / - 210. Foundation Elev.: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">-1.00</td> <td style="width: 33%;">-1.00</td> <td style="width: 33%;">-1.00</td> </tr> <tr> <td>-1.00</td> <td>-1.00</td> <td>-1.00</td> </tr> </table> 211. Wear. Surf. Prot. Sys.: - Date Installed: 01/01/1901 211c. Silane Reapplied 211d. Date : 213. Utilities Attached:	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	<b>LOAD RATING AND POSTING</b> 31. Design Load: MS 18 (HS 20) 41. Post. Status: A Open, no restriction 70. Posting: 5 At/Above Legal Loads 63. Op / 65. Inv. Rating Meth.: 1 LF Load Factor / 1 LF Load Factor <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>H</th> <th>HS</th> <th>3-3</th> <th>EV3</th> <th>SHV</th> </tr> </thead> <tbody> <tr> <td>64. Operating Rating (tons):</td> <td>94.00</td> <td>100.00</td> <td></td> <td></td> <td></td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>56.00</td> <td>65.00</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> Date Rated: 02/27/2014 <b>APPRAISAL</b> 36a. Brgd Rail: 1 Meets Standards 36b. Transition: 1 Meets Standards 36c. Appr. Rail: 1 Meets Standards 36d. Appr. Rail Ends: 1 Meets Standard 67. Str Evaluation: 8 Equal Desirable 68. Deck Geom.: 6 Equal Min Criteria 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 8 Equal Desirable 72. Appr. Alignment: 6 Equal Min Criteria 113. Scour Critical: 8 Stable Above Footin		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	94.00	100.00				66. Inventory Rating (tons):	56.00	65.00			
-1.00	-1.00	-1.00																							
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	H	HS	3-3	EV3	SHV																				
64. Operating Rating (tons):	94.00	100.00																							
66. Inventory Rating (tons):	56.00	65.00																							

  

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 218. Functionally Obsolete : - 220. Bridge Redecked : - 221. Substr. Cond. (U/W): - 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 2 225. Paint Type/Ovrct: N/A N/A 226. Date Painted: 227. Paint Color: - 233. Deck Forming: Conventional Forming 238. School Bus Rte.: Current & Desired route 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: /	<b>PROPOSED IMPROVEMENTS</b> 94. Bridge Cost: \$333,000 95. Roadway Cost: \$111,000 96. Total Cost: \$555,000 97. Yr. of Cost Est.: 2015 75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 0.0 ft 114. Future ADT: 80 115. Yr. of Future ADT: 2039 <b>NAVIGATION DATA</b> 38. Nav. Control: Permit Not Required 39. Vert. Clearance: 0.0 ft 40. Horiz. Clearance: 0.0 ft 111. Pier Protect.: Not Applicable (P) 116. Lift Bridge Vert. Clr.: 0.0 ft 244. Span Lengths: 85 245. Girder Depth: 246a. Type of Overlay: NA b. Overlay Thickness: 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 style="width: 50%; height: 20px;"></td> <td style="width: 50%; height: 20px;"></td> </tr> <tr> <td style="width: 50%; height: 20px;"></td> <td style="width: 50%; height: 20px;"></td> </tr> </table> 248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: - 250. Headwall: 258. Plans w/Found.in ODOT File: - 259. Scour Eval. in ODOT File: - 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00				

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 28263	<b>Structure No.:</b> 60E0600N3390006	<b>Local ID:</b> 050 1	<b>Suff. Rating:</b> 100.00	<b>ND</b>
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Inspection Date: 10/12/21 Greg Wilson

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Invoice No.: 2105-42 Inspected With: John Chandler



**BRIDGE NOTES:**

2014 - New 85' pc beam span REPLACES NBI 01004.

**INSPECTION NOTES:** 10/12/21

GOOD RIP RAP

**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	2,253.00	100%	2,253.00	0%	0.00	0%	0.00	0%	0.00
LOOSE GRAVEL ON DECK											
109 / 1	Pre Opn Conc Girder/Beam	ft	288.00	100%	288.00	0%	0.00	0%	0.00	0%	0.00
215 / 1	Re Conc Abutment	ft	58.00	100%	58.00	0%	0.00	0%	0.00	0%	0.00
310 / 1	Elastomeric Bearing	each	8.00	100%	8.00	0%	0.00	0%	0.00	0%	0.00
331 / 1	Re Conc Bridge Railing	ft	172.00	100%	172.00	0%	0.00	0%	0.00	0%	0.00
924 / 1	Conc Rail Prot Coat	(SF)	688.00	100%	688.00	0%	0.00	0%	0.00	0%	0.00
819 / 1	PS Conc.Gird.End(5Ft	(LF)	40.00	100%	40.00	0%	0.00	0%	0.00	0%	0.00
859 / 1	Soffit	(EA)	1.00	100%	1.00	0%	0.00	0%	0.00	0%	0.00
870 / 1	Concrete Wingwall	(EA)	4.00	100%	4.00	0%	0.00	0%	0.00	0%	0.00
916 / 1	St.Bearing Assembly	(LF)	8.00	100%	8.00	0%	0.00	0%	0.00	0%	0.00

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 050



NBI #: 28263 Str #: 60E0600N3390006  
Payne County

Facility Carried: E0600  
Feature Int.: LITTLE STILLWATER CREEK

2021-10-12  
Looking E



NBI #: 28263 Str #: 60E0600N3390006  
Payne County

Facility Carried: E0600  
Feature Int.: LITTLE STILLWATER CREEK

2021-10-12  
Looking S

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 25508	<b>Structure No.:</b> 60E0600N3430002	<b>Local ID:</b> 051 1	<b>Suff. Rating:</b> 97.00	<b>ND</b>
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<p><b>Bridge Description:</b> IDENTIFICATION</p> <div style="border: 1px solid black; padding: 2px;">73ft. I-BEAM SPAN, SK80LF</div> <p>1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0600 5e. Dir. Sufx: N/A (NBI)</p> <p>7. Facility Carried: E0600 6. Feat. Intersect: COUNCIL CREEK 9. Location: LAKEVIEW/BETHEL RD .2E 11. Mile Post: 0.200 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 08' 43.63" 17. Longitude: 096° 53' 14.42" 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>10/14/2021</td> <td>10/14/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table> <p style="text-align: center;"><b>CLASSIFICATION</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <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> </tbody> </table>	Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	10/14/2021	10/14/2023	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: Concrete-Cast-in-Place 108a. Wearing Surface: Monolithic Concrete 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> S TO TOD FL 20.1' + 35' FROM W ABUT</p> <p>59. Sup.: 6 Satisfactory 61. Chan./Chan. Prot.: 6 Bank Slumping 60. Sub: 6 Satisfactory</p>
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<p style="text-align: center;"><b>AGE AND SERVICE</b></p> <p>19. Detour Length: 4.0 mi 27. Year Built: 1998 28a/b. Lanes on/und: 2 / 0 29. ADT: 75 30. Year of ADT: 2019 42a/b. Type of Svc on/und: Highway / Waterway</p> <p>106. Year Reconst.: 0 109. Truck ADT: 10%</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: 01/04/2022</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;"> <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>51.00</td> <td>67.00</td> <td></td> <td>62.00</td> <td>64.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>30.00</td> <td>40.00</td> <td></td> <td>37.00</td> <td></td> </tr> </tbody> </table>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	51.00	67.00		62.00	64.00	66. Inventory Rating (tons):	30.00	40.00		37.00	
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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: 19.70 ft 33. Median: No median 34. Skew: 10.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 25.20 ft 48. Length Max Span: 72.20 ft 49. Struct. Length: 73.20 ft</p> <p>50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 25.20 ft 52. Width Out to Out: 25.80 ft Deck Area: 1,888.57 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: 6 Equal Min Criteria</p> <p>68. Deck Geom.: 6 Equal Min Criteria 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 6 Equal Minimum 72. Appr. Alignment: 8 Equal Desirable 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: 60 200d. Weather: Cloudy 201. Struc. Stl. ASTM Desig.: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: Open Joint-No Device 204. Type of Railing: W-Beam 205. Material Quantity: -1.00 208a. Type of Abutment: Skeleton b. Type of Found.: Steel Piling 209. Type of Pier/Found.: - / - 210. Foundation Elev.: -1.00    -1.00 -1.00    -1.00    -1.00 211. Wear. Surf. Prot. Sys: Date Installed: 01/01/1901 211c. Silane Reapplied 211d. Date: 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 218. Functionally Obsolete: - 220. Bridge Redecked: - 221. Substr. Cond. (U/W): 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 2 225. Paint Type/Ovrct: Red Lead 3 Coat System N/A 226. Date Painted: 1998 227. Paint Color: Silver 233. Deck Forming: Perm. Metal Deck Forr 238. School Bus Rte.: Current &amp; Desired route 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: 43.00 /</p>
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<p style="text-align: center;"><b>PROPOSED IMPROVEMENTS</b></p> <p>94. Bridge Cost: \$270,000 95. Roadway Cost: \$148,000 96. Total Cost: \$430,000 97. Yr. of Cost Est.: 2015</p> <p>75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 173.2 ft 114. Future ADT: 120 115. Yr. of Future ADT: 2039</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.: Not Applicable (P) 116. Lift Bridge Vert. Clr.: 0.0 ft</p>
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<p>244. Span Lengths: 72</p> <p>245. Girder Depth: 36.00 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> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; height: 20px;"></td> <td style="width: 50%; height: 20px;"></td> </tr> <tr> <td style="width: 50%; height: 20px;"></td> <td style="width: 50%; height: 20px;"></td> </tr> </table> <p>248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: - 250. Headwall: 258. Plans w/Found. in ODOT File: - 259. Scour Eval. in ODOT File: - 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00</p>					

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 25508	<b>Structure No.:</b> 60E0600N3430002	<b>Local ID:</b> 051 1	<b>Suff. Rating:</b> 97.00	<b>ND</b>
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Inspection Date: 10/14/21 Greg Wilson  
 Invoice No.: 2105-42 Inspected With: John Chandler



**BRIDGE NOTES:**

8 Beams.

**INSPECTION NOTES:** 10/14/21

NOTE - Cover plates on all beams & Bolted splice @ East 1/3 point, NVP - Surface Rust.

**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	1,844.00	95%	1,744.00	5%	100.00	0%	0.00	0%	0.00
FX - LOOSE GRAVEL / DIRT VISIBLE AREAS WITH ISOLATED 1/16in. TRANSVERSE CRACKS											
107 / 1	Steel Opn Girder/Beam	ft	506.00	0%	0.00	100%	506.00	0%	0.00	0%	0.00
FX - RUST WITH MINOR PITTING											
515 / 1	Steel Protective Coating	sq.ft	5,781.00	0%	0.00	0%	0.00	0%	0.00	100%	5,781.00
PROTECTION HAS FAILED											
219 / 1	Stl Abutment	ft	52.00	0%	0.00	100%	52.00	0%	0.00	0%	0.00
FX - Lite to mod. surface rust has formed.											
225 / 1	Steel Pile	(EA)	21.00	0%	0.00	100%	21.00	0%	0.00	0%	0.00
FX - LIGHT TO MODERATE RUST (9) WING PILES - SURFACE RUST.											
231 / 1	Steel Pier Cap	ft	56.00	0%	0.00	100%	56.00	0%	0.00	0%	0.00
FX - LIGHT TO MODERATE RUST											
330 / 1	Metal Bridge Railing	ft	146.00	100%	146.00	0%	0.00	0%	0.00	0%	0.00
919 / 1	St.(Rail) Prot. Coat	(SF)	418.00	100%	418.00	0%	0.00	0%	0.00	0%	0.00
865 / 1	St.Open Gird End(5Ft)	(LF)	80.00	0%	0.00	100%	80.00	0%	0.00	0%	0.00
FX - Moderate rust top and bottom flanges with minor pitting. - Flaking & rust forming on webs. exterior beams worst.											
871 / 1	Steel Wingwall	(EA)	4.00	0%	0.00	100%	4.00	0%	0.00	0%	0.00
RUST											
890 / 1	Steel SIP Form	(LF)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
SURFACE RUST											
958 / 1	Concrete Cracking SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
FX - (3) 1/16in. TRANSVERSE CRACKS*PILE OTHER ISOLATED HAIRLINE CRACKS.											
968 / 1	Erosion SF	(EA)	1.00	100%	1.00	0%	0.00	0%	0.00	0%	0.00
FX - Erosion in front of east wingwalls Minor erosion beginning on east bank under bridge											



**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 051



NBI #: 25508 Str #: 60E0600N3430002  
Payne County

Facility Carried: E0600  
Feature Int.: COUNCIL CREEK

2021-10-14  
Looking W



NBI #: 25508 Str #: 60E0600N3430002  
Payne County

Facility Carried: E0600  
Feature Int.: COUNCIL CREEK

2021-10-14  
Looking S

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 31803	<b>Structure No.:</b> 60E0600N3440002	<b>Local ID:</b> 052	<b>Suff. Rating:</b> 97.00	<b>ND</b>																														
<b>Bridge Description:</b> 35ft. I BEAM SPAN		<b>IDENTIFICATION</b>																																
1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0600 5e. Dir. Sufx: N/A (NBI)		7. Facility Carried : E0600 LAKEVIEW RD 6. Feat. Intersect: FEATHER CREEK 9. Location: LAKEVIEW/CNCL CRK .2E 11. Mile Post: 0.200 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 08' 42.00" 17. Longitude: 096° 52' 07.00" 98. Border Brdg: Unknown (P) % Responsible: 99. Border Brdg #: Unknown																																
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214a. Posted Weight Limit: NR b. Posted Speed Limit: 45 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 218. Functionally Obsolete: - 220. Bridge Redecked: - 221. Substr. Cond. (U/W): - 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 2 225. Paint Type/Ovrct: Red Lead 3 Coat System N/A 226. Date Painted: 2016 227. Paint Color: Silver 233. Deck Forming: Conventional Forming 238. School Bus Rte.: Current & Desired route 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: 4.50 / 7		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>36a. Brdg Rail:</th> <th>0 Substandard</th> <th>68. Deck Geom.:</th> <th>6 Equal Min Criteria</th> </tr> </thead> <tbody> <tr> <td>36b. Transition:</td> <td>0 Substandard</td> <td>69. Vert./Horiz. Undclr:</td> <td>Not applicable (NB)</td> </tr> <tr> <td>36c. Appr. Rail:</td> <td>0 Substandard</td> <td>71. Waterway Adeq:</td> <td>8 Equal Desirable</td> </tr> <tr> <td>36d. Appr. Rail Ends:</td> <td>0 Substandard</td> <td>72. Appr. Alignment:</td> <td>8 Equal Desirable Crit</td> </tr> <tr> <td>67. Str Evaluation:</td> <td>6 Equal Min Criteria</td> <td>113. Scour Critical:</td> <td>8 Stable Above Footin</td> </tr> </tbody> </table>			36a. Brdg Rail:	0 Substandard	68. Deck Geom.:	6 Equal Min Criteria	36b. Transition:	0 Substandard	69. Vert./Horiz. Undclr:	Not applicable (NB)	36c. Appr. Rail:	0 Substandard	71. Waterway Adeq:	8 Equal Desirable	36d. Appr. Rail Ends:	0 Substandard	72. Appr. Alignment:	8 Equal Desirable Crit	67. Str Evaluation:	6 Equal Min Criteria	113. Scour Critical:	8 Stable Above Footin										
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94. Bridge Cost: \$-1 95. Roadway Cost: \$-1 96. Total Cost: \$-1 97. Yr. of Cost Est.: Unknown		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>75. Type of Work:</th> <th>Unknown (P)</th> </tr> </thead> <tbody> <tr> <td>76. Lngth of Improvement:</td> <td>-1.0 ft</td> </tr> <tr> <td>114. Future ADT:</td> <td>160</td> </tr> <tr> <td>115. Yr. of Future ADT:</td> <td>2039</td> </tr> </tbody> </table>			75. Type of Work:	Unknown (P)	76. Lngth of Improvement:	-1.0 ft	114. Future ADT:	160	115. Yr. of Future ADT:	2039																						
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 31803	<b>Structure No.:</b> 60E0600N3440002	<b>Local ID:</b> 052	<b>Suff. Rating:</b> 97.00	<b>ND</b>
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Inspection Date: 10/14/21 Greg Wilson  
 Invoice No.: 2105-42 Inspected With: John Chandler



**BRIDGE NOTES:**

REPLACES NBI 00406.

**INSPECTION NOTES:** 10/14/21

**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	973.00	100%	973.00	0%	0.00	0%	0.00	0%	0.00
107 / 1	Steel Opn Girder/Beam	ft	173.00	0%	0.00	100%	173.00	0%	0.00	0%	0.00
USED BEAMS. NO DIAPHRAGMS - MINOR RUST.											
515 / 1	Steel Protective Coating	sq.ft	4,479.00	0%	0.00	0%	0.00	100%	4,479.00	0%	0.00
LIMITED EFFECTIVENESS											
219 / 1	Stl Abutment	ft	56.00	100%	56.00	0%	0.00	0%	0.00	0%	0.00
918 / 1	St.(substr)Prot.Coat	(EA)	1,367.00	100%	1,367.00	0%	0.00	0%	0.00	0%	0.00
225 / 1	Steel Pile	(EA)	18.00	0%	0.00	100%	18.00	0%	0.00	0%	0.00
MINOR RUST. (8) WINGS PILES WITH MINOR RUST											
231 / 1	Steel Pier Cap	ft	56.00	100%	56.00	0%	0.00	0%	0.00	0%	0.00
330 / 1	Metal Bridge Railing	ft	70.00	100%	70.00	0%	0.00	0%	0.00	0%	0.00
919 / 1	St.(Rail) Prot. Coat	(SF)	200.00	100%	200.00	0%	0.00	0%	0.00	0%	0.00
GOOD CONDITION											
859 / 1	Soffit	(EA)	1.00	100%	1.00	0%	0.00	0%	0.00	0%	0.00
NO SIP FORMS - GOOD CONDITION											
865 / 1	St.Open Gird End(5Ft)	(LF)	70.00	0%	0.00	100%	70.00	0%	0.00	0%	0.00
USED BEAMS. MINOR RUST											
871 / 1	Steel Wingwall	(EA)	4.00	100%	4.00	0%	0.00	0%	0.00	0%	0.00

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 052



NBI #: 31803 Str #: 60E0600N3440002  
Payne County

Facility Carried: E0600 LAKEVIEW RD  
Feature Int.: FEATHER CREEK

2021-10-14  
Looking W



NBI #: 31803 Str #: 60E0600N3440002  
Payne County

Facility Carried: E0600 LAKEVIEW RD  
Feature Int.: FEATHER CREEK

2021-10-14  
Looking N

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 28357	<b>Structure No.:</b> 60E0600N3450009	<b>Local ID:</b> 053 1	<b>Suff. Rating:</b> 97.00	<b>ND</b>																														
<b>Bridge Description:</b> 30ft. I-BEAM SPAN		<b>IDENTIFICATION</b>																																
1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0600 5e. Dir. Sufx: N/A (NBI)		7. Facility Carried: E0600 6. Feat. Intersect: CREEK 9. Location: 3MI.N&2.4MI.E OF INGALLS 11. Mile Post: 0.900 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 08' 39.83" 17. Longitude: 096° 50' 15.17" 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>10/18/2021</td> <td>10/18/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>			Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	10/18/2021	10/18/2023	FC:	N	0		NA	NA	UW:	N	0		NA	NA	OS:	N	0		NA	NA
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UW:	N	0		NA	NA																													
OS:	N	0		NA	NA																													
<b>AGE AND SERVICE</b>		<b>CLASSIFICATION</b>																																
19. Detour Length: 4.0 mi 27. Year Built: 2005 28a/b. Lanes on/und: 2 / 0 29. ADT: 50 30. Year of ADT: 2019 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: 19.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 26.00 ft 48. Length Max Span: 29.00 ft 49. Struct. Length: 30.00 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 <b>Flowline Notes</b> S TO TOD FL 16.8' + 24' FROM W ABUT																																
<b>OKLAHOMA ITEMS</b>		<b>LOAD RATING AND POSTING</b>																																
200c. Temperature: 54 200d. Weather: Clear 201. Struc.Stl. ASTM Desig.: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: Open Joint-No Device 204. Type of Railing: W-Beam 205. Material Quantity: -1.00 208a. Type of Abutment: Skeleton b. Type of Found.: Steel Piling 209. Type of Pier/Found.: - / - 210. Foundation Elev.: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">-1.00</td> <td style="width: 25%;">-1.00</td> <td style="width: 25%;">-1.00</td> <td style="width: 25%;">-1.00</td> </tr> </table> 211. Wear. Surf. Prot. Sys.: Date Installed: 01/01/1901 211c. Silane Reapplied 211d. Date: 213. Utilities Attached:		-1.00	-1.00	-1.00	-1.00	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>69.00</td> <td>110.00</td> <td></td> <td>90.00</td> <td>99.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>41.00</td> <td>66.00</td> <td></td> <td>54.00</td> <td></td> </tr> </tbody> </table> Date Rated: 01/06/2022				H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	69.00	110.00		90.00	99.00	66. Inventory Rating (tons):	41.00	66.00		54.00									
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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: 26.00 ft 52. Width Out to Out: 26.00 ft Deck Area: 780.02 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		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: 6 Equal Min Criteria 68. Deck Geom.: 6 Equal Min Criteria 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 8 Equal Desirable 72. Appr. Alignment: 8 Equal Desirable Crit 113. Scour Critical: 7 Countermeasures																																
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 28357	<b>Structure No.:</b> 60E0600N3450009	<b>Local ID:</b> 053 1	<b>Suff. Rating:</b> 97.00	<b>ND</b>
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Inspection Date: 10/18/21 Greg Wilson

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Invoice No.: 2105-42 Inspected With: John Chandler



**BRIDGE NOTES:**

9 Beams. 4 of 9 appear to have been installed 'upside' down.  
Actual HS operating rating is 105.7 tons.

**INSPECTION NOTES:** 10/18/21

**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	780.00	50%	390.00	50%	390.00	0%	0.00	0%	0.00
FX - Minor cracks - LOOSE DIRT AND GRAVEL											
107 / 1	Steel Opn Girder/Beam	ft	180.00	0%	0.00	100%	180.00	0%	0.00	0%	0.00
FX - Rust or surface rust forming or has formed. - Scattered Bare Spots. 4 of 9 beams have bare bottom flanges.											
515 / 1	Steel Protective Coating	sq.ft	1,856.00	0%	0.00	0%	0.00	100%	1,856.00	0%	0.00
LIMITED EFFECTIVENESS											
202 / 1	Steel Column	each	10.00	0%	0.00	100%	10.00	0%	0.00	0%	0.00
FX - Surface rust											
219 / 1	Stl Abutment	ft	52.00	0%	0.00	100%	52.00	0%	0.00	0%	0.00
FX - Rust has formed. - Lite Scaling @ btm. 1 ft. of East abut. [13 ft.]											
225 / 1	Steel Pile	(EA)	18.00	0%	0.00	100%	18.00	0%	0.00	0%	0.00
FX - Surface rust. (8) WING PILES - MINOR RUST.											
231 / 1	Steel Pier Cap	ft	52.00	0%	0.00	100%	52.00	0%	0.00	0%	0.00
FX - Lite rust has formed or is forming.											
330 / 1	Metal Bridge Railing	ft	60.00	100%	60.00	0%	0.00	0%	0.00	0%	0.00
No Notable Problems. Weak Posts. - Rail is Higher than Std. [32+ inches.]											
919 / 1	St.(Rail) Prot. Coat	(SF)	172.00	100%	172.00	0%	0.00	0%	0.00	0%	0.00
Galvanized rails.											
865 / 1	St.Open Gird End(5Ft)	(LF)	90.00	0%	0.00	100%	90.00	0%	0.00	0%	0.00
FX - Lite to Moderate Surface rust has formed on all bare areas of Beams.											
871 / 1	Steel Wingwall	(EA)	4.00	100%	4.00	0%	0.00	0%	0.00	0%	0.00
890 / 1	Steel SIP Form	(LF)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
FX - SURFACE RUST											
958 / 1	Concrete Cracking SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
Hairline Transverse Cracking is Visible. Minor.											
968 / 1	Erosion SF	(EA)	1.00	100%	1.00	0%	0.00	0%	0.00	0%	0.00
Minor erosion beginning base east abutment south end.											

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 053



NBI #: 28357 Str #: 60E0600N3450009  
Payne County

Facility Carried: E0600  
Feature Int.: CREEK

2021-10-18  
Looking N



NBI #: 28357 Str #: 60E0600N3450009  
Payne County

Facility Carried: E0600  
Feature Int.: CREEK

2021-10-18  
Looking N

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 27173	<b>Structure No.:</b> 60E0600N3510007	<b>Local ID:</b> 054 1	<b>Suff. Rating:</b> 86.00	<b>ND</b>
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<b>Bridge Description:</b> <div style="border: 1px solid black; padding: 2px;">61ft. I BEAM SPAN</div> <p>1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0600 5e. Dir. Sufx: N/A (NBI)</p> <p>7. Facility Carried : LAKEVIEW RD(E0600) 6. Feat. Intersect: EAGLE CREEK 9. Location: 1S 1.3W OF QUAY 11. Mile Post: 0.700 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 08' 41.33" 17. Longitude: 096° 44' 10.40" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown</p>	<b>INSPECTION</b> <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>10/18/2021</td> <td>10/18/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>	Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	10/18/2021	10/18/2023	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	10/18/2021	10/18/2023																										
FC:	N	0		NA	NA																										
UW:	N	0		NA	NA																										
OS:	N	0		NA	NA																										

<b>STRUCTURE TYPE AND MATERIALS</b> <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: Monolithic Concrete 108b. Membrane: None 108c. Deck protection: None</p>	<b>CLASSIFICATION</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <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: IRR-Indian Res Rd</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> </tbody> </table>	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: IRR-Indian Res Rd	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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100. Def. Hwy: Not a STRAHNET hwy	112. NBIS Length: Long Enough														

<b>AGE AND SERVICE</b> <p>19. Detour Length: 2.0 mi 27. Year Built: 2002 28a/b. Lanes on/und: 2 / 0 29. ADT: 25 30. Year of ADT: 2019 42a/b. Type of Svc on/und: Highway / Waterway</p>	<b>CONDITION</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td>58. Deck: 6 Satisfactory</td> <td>59. Sup.: 6 Satisfactory</td> <td>60. Sub: 5 Fair</td> </tr> <tr> <td>62. Culvert: N/A (NBI)</td> <td colspan="2">61. Chan./Chan. Prot.: 7 Minor Damage</td> </tr> </tbody> </table> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">Flowline Notes S TO TOD FL 19.4' + 28' FROM W ABUT</div>	58. Deck: 6 Satisfactory	59. Sup.: 6 Satisfactory	60. Sub: 5 Fair	62. Culvert: N/A (NBI)	61. Chan./Chan. Prot.: 7 Minor Damage	
58. Deck: 6 Satisfactory	59. Sup.: 6 Satisfactory	60. Sub: 5 Fair					
62. Culvert: N/A (NBI)	61. Chan./Chan. Prot.: 7 Minor Damage						

<b>GEOMETRIC DATA</b> <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: 25.30 ft 48. Length Max Span: 59.60 ft 49. Struct. Length: 60.50 ft</p>	<b>LOAD RATING AND POSTING</b> <p>31. Design Load: MS 18 (HS 20) <span style="float: right;">Date Rated: 01/06/2022</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>88.00</td> <td>111.00</td> <td></td> <td>101.00</td> <td>105.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>53.00</td> <td>66.00</td> <td></td> <td>60.00</td> <td></td> </tr> </tbody> </table>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	88.00	111.00		101.00	105.00	66. Inventory Rating (tons):	53.00	66.00		60.00	
	H	HS	3-3	EV3	SHV														
64. Operating Rating (tons):	88.00	111.00		101.00	105.00														
66. Inventory Rating (tons):	53.00	66.00		60.00															

<p>200c. Temperature: 66 200d. Weather: Clear</p> <p>201. Struc.Stl. ASTM Desig.: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: Open Joint-No Device</p> <p>204. Type of Railing: W-Beam 205. Material Quantity: -1.00 208a. Type of Abutment: Skeleton b. Type of Found.: Steel Piling 209. Type of Pier/Found.: - / -</p> <p>210. Foundation Elev.:  <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr><td>-1.00</td><td>-1.00</td></tr> <tr><td>-1.00</td><td>-1.00</td></tr> </table> </p> <p>211. Wear. Surf. Prot. Sys.: Date Installed: 01/01/1901 211c. Silane Reapplied 211d. Date: 213. Utilities Attached:</p>	-1.00	-1.00	-1.00	-1.00	<b>OKLAHOMA ITEMS</b> <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 218. Functionally Obsolete: - 220. Bridge Redecked: - 221. Substr. Cond. (U/W): - 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 2 225. Paint Type/Ovrct: Red Lead 3 Coat System N/A 226. Date Painted: 2002 227. Paint Color: Silver 233. Deck Forming: Perm. Metal Deck Form 238. School Bus Rte.: Current &amp; Desired route 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: 38.00 /</p>
-1.00	-1.00				
-1.00	-1.00				

<p>244. Span Lengths: 60</p> <p>245. Girder Depth: 36.00 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:  <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table> </p> <p>248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: - 250. Headwall: 258. Plans w/Found.in ODOT File: - 259. Scour Eval. in ODOT File: - 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00</p>					<b>APPRAISAL</b> <p>36a. Brdg Rail: 0 Substandard 36b. Transition: 0 Substandard 36c. Appr. Rail: 0 Substandard 36d. Appr. Rail Ends: 0 Substandard 67. Str Evaluation: 5 Above Min Toler</p> <p>68. Deck Geom.: 6 Equal Min Criteria 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 8 Equal Desirable 72. Appr. Alignment: 8 Equal Desirable Crit 113. Scour Critical: 8 Stable Above Footin</p>

<b>PROPOSED IMPROVEMENTS</b> <p>94. Bridge Cost: \$245,552 95. Roadway Cost: \$122,776 96. Total Cost: \$408,844 97. Yr. of Cost Est.: 2015</p> <p>75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 100.0 ft 114. Future ADT: 40 115. Yr. of Future ADT: 2039</p>	<b>NAVIGATION DATA</b> <p>38. Nav. Control: Permit Not Required 39. Vert. Clearance: 0.0 ft 40. Horiz. Clearance: 0.0 ft</p> <p>111. Pier Protect.: Not Applicable (P) 116. Lift Bridge Vert. Clr.: 0.0 ft</p>
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 27173	<b>Structure No.:</b> 60E0600N3510007	<b>Local ID:</b> 054 1	<b>Suff. Rating:</b> 86.00	<b>ND</b>
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Inspection Date: 10/18/21 Greg Wilson  
 Invoice No.: 2105-42 Inspected With: John Chandler



**BRIDGE NOTES:**

61 ft. I-beam span. 9 Beams. 2 exterior beams green. Interior beams silver.

**INSPECTION NOTES:** 10/18/21

**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	1,530.00	54%	830.00	46%	700.00	0%	0.00	0%	0.00
FEW HAIRLINE TRANSVERSE CRACKS LOOSE GRAVEL AND DIRT - MINOR SCALING.											
107 / 1	Steel Opn Girder/Beam	ft	454.00	0%	0.00	100%	454.00	0%	0.00	0%	0.00
FX - RUST WITH MINOR PITTING											
515 / 1	Steel Protective Coating	sq.ft	5,346.00	0%	0.00	0%	0.00	100%	5,346.00	0%	0.00
LIMITED EFFECTIVENESS											
219 / 1	Stl Abutment	ft	52.00	0%	0.00	50%	26.00	50%	26.00	0%	0.00
Lite to Mod. surface rust has formed. - minor exfoliation @ base of 19 ft. of E.Abut.											
225 / 1	Steel Pile	(EA)	20.00	0%	0.00	75%	15.00	25%	5.00	0%	0.00
FX - Lite to Moderate surface rust. - minor exfoliation @ base of 3 piles @ E. Abut. (10) WING PILES - SURFACE RUST.											
231 / 1	Steel Pier Cap	ft	56.00	0%	0.00	100%	56.00	0%	0.00	0%	0.00
FX - Light to moderate surface rust.											
330 / 1	Metal Bridge Railing	ft	121.00	100%	121.00	0%	0.00	0%	0.00	0%	0.00
919 / 1	St.(Rail) Prot. Coat	(SF)	348.00	100%	348.00	0%	0.00	0%	0.00	0%	0.00
865 / 1	St.Open Gird End(5Ft)	(LF)	90.00	0%	0.00	100%	90.00	0%	0.00	0%	0.00
FX - RUST AND MINOR PITTING											
871 / 1	Steel Wingwall	(EA)	4.00	0%	0.00	100%	4.00	0%	0.00	0%	0.00
RUST											
890 / 1	Steel SIP Form	(LF)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
FX - Scattered surface rust.											
958 / 1	Concrete Cracking SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
4 Hairline-Lite Transverse Cracks @ apprx. 10 ft. spacing.											
963 / 1	Steel Section Loss SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
FX - MINOR EXFOLIATION TO E. ABUTMENT AND PILES											
965 / 1	Debris SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
FX - MINOR DRIFT UNDER STR.											
968 / 1	Erosion SF	(EA)	1.00	100%	1.00	0%	0.00	0%	0.00	0%	0.00
FX - 3 ft. depth @ west abut.^ [under Steel Abut.]^ Sandy soil. - BOTTOM OF W. ABUTMENT UNDER FILL.											

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 054



NBI #: 27173 Str #: 60E0600N3510007  
Payne County

Facility Carried: LAKEVIEW RD(E0600)  
Feature Int.: EAGLE CREEK

2021-10-18  
Looking E



NBI #: 27173 Str #: 60E0600N3510007  
Payne County

Facility Carried: LAKEVIEW RD(E0600)  
Feature Int.: EAGLE CREEK

2021-10-18  
Looking S

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 054



NBI #: 27173 Str #: 60E0600N3510007  
Payne County

Facility Carried: LAKEVIEW RD(E0600)  
Feature Int.: EAGLE CREEK

2021-10-18  
E. Abutment



# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 24111	<b>Structure No.:</b> 60E0610N3390007	<b>Local ID:</b> 061 1	<b>Suff. Rating:</b> 86.00	<b>ND</b>
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Inspection Date: 10/12/21 Greg Wilson  
 Invoice No.: 2105-42 Inspected With: John Chandler



**BRIDGE NOTES:**

**INSPECTION NOTES:** 10/12/21

**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	1,254.00	100%	1,254.00	0%	0.00	0%	0.00	0%	0.00
107 / 1	Steel Opn Girder/Beam	ft	312.00	0%	0.00	75%	234.00	25%	78.00	0%	0.00
	FX - Heavy rust on top and bottom flanges.										
515 / 1	Steel Protective Coating	sq.ft	3,126.00	0%	0.00	0%	0.00	100%	3,126.00	0%	0.00
	LIMITED EFFECTIVENESS										
219 / 1	Stl Abutment	ft	52.00	0%	0.00	50%	26.00	50%	26.00	0%	0.00
	FX - Minor scaling at grade line. EAST ABUTMENT										
225 / 1	Steel Pile	(EA)	20.00	0%	0.00	75%	15.00	25%	5.00	0%	0.00
	PX - Minor pitting & exfoliation at lower 1 foot on east piles. Heavy rust overall. (10) WING PILES - MODERATE RUST.										
231 / 1	Steel Pier Cap	ft	52.00	0%	0.00	100%	52.00	0%	0.00	0%	0.00
	FX - Heavy surface rust.										
330 / 1	Metal Bridge Railing	ft	98.00	100%	98.00	0%	0.00	0%	0.00	0%	0.00
919 / 1	St.(Rail) Prot. Coat	(SF)	280.00	100%	280.00	0%	0.00	0%	0.00	0%	0.00
865 / 1	St.Open Gird End(5Ft)	(LF)	80.00	0%	0.00	75%	60.00	25%	20.00	0%	0.00
	FX - Heavy surface rust on top and bottom flanges.										
871 / 1	Steel Wingwall	(EA)	4.00	0%	0.00	100%	4.00	0%	0.00	0%	0.00
	RUST										
890 / 1	Steel SIP Form	(LF)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
	FX - SURFACE RUST										
963 / 1	Steel Section Loss SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
	FX - Minor exfoliation noted on east steel piles. and east abutment and outside beams.										

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 061



NBI #: 24111 Str #: 60E0610N3390007  
Payne County

Facility Carried: MCELROY(E0610)  
Feature Int.: LITTLE STILLWATER CREEK

2021-10-12  
Looking W



NBI #: 24111 Str #: 60E0610N3390007  
Payne County

Facility Carried: MCELROY(E0610)  
Feature Int.: LITTLE STILLWATER CREEK

2021-10-12  
Looking S

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 061



NBI #: 24111 Str #: 60E0610N3390007  
Payne County

Facility Carried: MCELROY(E0610)  
Feature Int.: LITTLE STILLWATER CREEK

2021-10-12  
E. Abutment



NBI #: 24111 Str #: 60E0610N3390007  
Payne County

Facility Carried: MCELROY(E0610)  
Feature Int.: LITTLE STILLWATER CREEK

2021-10-12  
W. Abutment

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 061



NBI #: 24111 Str #: 60E0610N3390007  
Payne County

Facility Carried: MCELROY(E0610)  
Feature Int.: LITTLE STILLWATER CREEK

2021-10-12  
S BEAM



# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 00803	<b>Structure No.:</b> 60E0610N3420008	<b>Local ID:</b> 062 1	<b>Suff. Rating:</b> 85.70	<b>ND</b>
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**Bridge Description:** IDENTIFICATION  
2-10ft. X 10ft. X 32ft. RCB

1. State: Oklahoma	7. Facility Carried: E0610
2. Division: Division 4	6. Feat. Intersect: CREEK
3. County: PAYNE	9. Location: MCELROYRIPLEY RD .8E
4. City: Unknown	11. Mile Post: 0.800 mi
Admin Area: Cnty. District 1	13. LRS Inv. / Sub Rte: -1 / -1
5a. On/Under: Route On Structure	16. Latitude: 36° 07' 51.65"
5b. Kind of Hwy: County Hwy	17. Longitude: 096° 53' 42.05"
5c. Lvl of Svc: Mainline	98. Border Brdg: Unknown (P)
5d. Route No.: E0610	% 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	10/14/2021	10/14/2023
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.:	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

**STRUCTURE TYPE AND MATERIALS**

43a/b. Main Span: Concrete / Culvert  
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: N/A (no deck (NBI))  
108b. Membrane: N/A (no deck (NBI))  
108c. Deck protection: N/A (no deck (NBI))

**CONDITION**

58. Deck: N/A (NBI) | 59. Sup.: N N/A (NBI) | 60. Sub: N N/A (NBI)  
62. Culvert: 6 Deterioration | 61. Chan./Chan. Prot.: 6 Bank Slumping

**Flowline Notes**

R.C.B., 10 ft. clear height. FLOWS N. TO S.

**AGE AND SERVICE**

19. Detour Length: 2.0 mi | 106. Year Reconst.: 0  
27. Year Built: 1920 | 109. Truck ADT: 10%

28a/b. Lanes on/und: 2 / 0  
29. ADT: 100  
30. Year of ADT: 2019

42a/b. Type of Svc on/und: Highway / Waterway

**LOAD RATING AND POSTING**

31. Design Load: MS 18 (HS 20) | Date Rated: 11/18/2017  
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

	<b>H</b>	<b>HS</b>	<b>3-3</b>	<b>EV3</b>	<b>SHV</b>
64. Operating Rating (tons):	23.00	41.00			
66. Inventory Rating (tons):	13.00	24.00			

**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: 29.60 ft
34. Skew: 0.00°	52. Width Out to Out: 31.90 ft
35. Struct. Flared: No flare	Deck Area: 0.00 sq. ft
47. Horizontal Clr: 29.60 ft	53. Min. Vert. Cl. Ovr Brg: 99.99 ft
48. Length Max Span: 10.00 ft	54a. Min. Vt. Undclr. Ref.: N Feature not hwy c
49. Struct. Length: 21.00 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.: 7 Above Min Criteria
36b. Transition: 0 Substandard	69. Vert./Horiz. Undclr: Not applicable (NB)
36c. Appr. Rail: 0 Substandard	71. Waterway Adeq: 7 Above Minimum
36d. Appr. Rail Ends: 0 Substandard	72. Appr. Alignment: 8 Equal Desirable Crit
67. Str Evaluation: 6 Equal Min Criteria	113. Scour Critical: 4 Stable, needs action

**OKLAHOMA ITEMS**

200c. Temperature: 59  
200d. Weather: Cloudy

201. Struc. Stl. ASTM Desig.: -1 / -1  
202. Waterprf. Membrane: -1  
Date Installed: 01/01/1901  
203. Type Exp. Device: Open Joint-No Device

204. Type of Railing: N/A  
205. Material Quantity: -1.00  
208a. Type of Abutment: Other  
b. Type of Found.: Bears on Natural Found.  
209. Type of Pier/Found.: - / -

210. Foundation Elev.:	-1.00	-1.00
	-1.00	-1.00

211. Wear. Surf. Prot. Sys: None  
Date Installed: 01/01/1901

211c. Silane Reapplied  
211d. Date:

213. Utilities Attached:


214a. Posted Weight Limit: NR  
b. Posted Speed Limit: NR  
c. Narrow/1way Brdg Sign: No  
d. Vertical Clr. Sign: No  
Adv. Warning Sign: No  
e. Navigation Lights?: No  
Working/Not Working: No

215. Overpass: ACCO  
218. Functionally Obsolete: -  
220. Bridge Redecked: -  
221. Substr. Cond. (U/W): -  
222. Fill Over RCB: FG  
223. Appr. Slab/Rwy Cond.: 3  
225. Paint Type/Ovrct: -  
226. Date Painted: -  
227. Paint Color: -  
233. Deck Forming: -  
238. School Bus Rte.: Current & Desired route  
240. Appr. Rwy Type.: Asphalt/Bituminous  
243. Grdr Spacing/No.: /

**PROPOSED IMPROVEMENTS**

94. Bridge Cost: \$100,000	75. Type of Work: 33 Widen w/o Deck Rel
95. Roadway Cost: \$75,000	76. Lngth of Improvement: 89.4 ft
96. Total Cost: \$225,000	114. Future ADT: 160
97. Yr. of Cost Est.: 2015	115. Yr. of Future ADT: 2039

**NAVIGATION DATA**

38. Nav. Control: Permit Not Required  
39. Vert. Clearance: 0.0 ft | 111. Pier Protect.: Not Applicable (P)  
40. Horiz. Clearance: 0.0 ft | 116. Lift Bridge Vert. Clr.: 0.0 ft

244. Span Lengths:

245. Girder Depth:  
246a. Type of Overlay: NA  
b. Overlay Thickness:  
c. Overlay Date: 01/01/1901  
d. Ovlv Depth Changed >1": -

247. Protective Systems:


248. # Field Splices w/ Corrosion:  
249. Scour Crit. POA Exists?: -  
250. Headwall: 29.60  
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> 00803	<b>Structure No.:</b> 60E0610N3420008	<b>Local ID:</b> 062 1	<b>Suff. Rating:</b> 85.70	<b>ND</b>
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Inspection Date: 10/14/21 Greg Wilson

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Invoice No.: 2105-42 Inspected With: John Chandler

**BRIDGE NOTES:**

RCB

**INSPECTION NOTES:**      10/14/21

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
241 / 1	Re Conc Culvert	ft	66.00	0%	0.00	98%	65.00	2%	1.00	0%	0.00
(1) 1ft. DIA SPALL WITH EXP. REBAR TOP OF W. CELL.											
870 / 1	Concrete Wingwall	(EA)	4.00	100%	4.00	0%	0.00	0%	0.00	0%	0.00
961 / 1	Scour SF	(EA)	1.00	100%	1.00	0%	0.00	0%	0.00	0%	0.00
FX - U.S. SCOUR UP TO 6in. - D.S. SCOUR FROM 12in.											
965 / 1	Debris SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
FX - MINOR DRIFT U.S. END											

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 062



NBI #: 00803 Str #: 60E0610N3420008  
Payne County

Facility Carried: E0610  
Feature Int.: CREEK

2021-10-14  
Looking E



NBI #: 00803 Str #: 60E0610N3420008  
Payne County

Facility Carried: E0610  
Feature Int.: CREEK

2021-10-14  
Looking N

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 062



NBI #: 00803 Str #: 60E0610N3420008  
Payne County

Facility Carried: E0610  
Feature Int.: CREEK

2021-10-14  
W CELL



NBI #: 00803 Str #: 60E0610N3420008  
Payne County

Facility Carried: E0610  
Feature Int.: CREEK

2021-10-14  
Looking S

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 01047	<b>Structure No.:</b> 60E0610N3430004	<b>Local ID:</b> 063 1	<b>Suff. Rating:</b> 47.90	<b>SD</b>																														
<b>Bridge Description:</b> 33ft., 33ft. CONC GIRDER SPANS		<b>IDENTIFICATION</b>																																
1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0610 5e. Dir. Sufx: N/A (NBI)		7. Facility Carried : MCELROY (E0610) 6. Feat. Intersect: COUNCIL CREEK 9. Location: MCELROY/BETHEL RD .4E 11. Mile Post: 0.400 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 07' 51.23" 17. Longitude: 096° 53' 01.11" 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: Conc. Cont. / Stringer/Girder 44a/b. Appr. Span: N/A / Not Applicable (P) 45. # of Main Spans: 2 46. # of Appr. Spans: 0 107. Deck Type: Concrete-Cast-in-Place 108a. Wearing Surface: Bituminous 108b. Membrane: None 108c. Deck protection: None		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Type</th> <th>Insp. Req.</th> <th>Insp. Done</th> <th>Freq.</th> <th>Insp. Date</th> <th>Next Insp.</th> </tr> </thead> <tbody> <tr> <td>NBI:</td> <td></td> <td>1</td> <td>24 months</td> <td>10/7/2021</td> <td>10/07/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>Y</td> <td>0</td> <td>24 months</td> <td>9/25/2020</td> <td>9/25/2022</td> </tr> </tbody> </table>			Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	10/7/2021	10/07/2023	FC:	N	0		NA	NA	UW:	N	0		NA	NA	OS:	Y	0	24 months	9/25/2020	9/25/2022
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UW:	N	0		NA	NA																													
OS:	Y	0	24 months	9/25/2020	9/25/2022																													
<b>AGE AND SERVICE</b>		<b>CLASSIFICATION</b>																																
19. Detour Length: 4.0 mi 27. Year Built: 1920 28a/b. Lanes on/und: 2 / 0 29. ADT: 100 30. Year of ADT: 2019 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: 20.70 ft 48. Length Max Span: 33.50 ft 49. Struct. Length: 64.96 ft		58. Deck: 4 Poor 62. Culvert: N/A (NBI) 59. Sup.: 4 Poor 61. Chan./Chan. Prot.: 6 Bank Slumping 60. Sub: 3 Serious <b>Flowline Notes</b> S TO TOC FL 19.0' + 47' FROM W ABUT																																
<b>OKLAHOMA ITEMS</b>		<b>LOAD RATING AND POSTING</b>																																
200c. Temperature: 84 200d. Weather: Ptty Cloudy 201. Struc.Stl. ASTM Desig.: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: Open Joint-No Device 204. Type of Railing: W-Beam 205. Material Quantity: -1.00 208a. Type of Abutment: Cantilever b. Type of Found.: Bears on Natural Found. 209. Type of Pier/Found.: 1 / Yes No Piling/Drilled Shaft 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 211c. Silane Reapplied 211d. Date: 213. Utilities Attached: Communication		-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="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">H</td> <td style="text-align: center;">HS</td> <td style="text-align: center;">3-3</td> <td style="text-align: center;">EV3</td> <td style="text-align: center;">SHV</td> </tr> <tr> <td style="text-align: center;">33.00</td> <td style="text-align: center;">60.00</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">20.00</td> <td style="text-align: center;">36.00</td> <td></td> <td></td> <td></td> </tr> </table> Date Rated: 11/18/2017 64. Operating Rating (tons): 66. Inventory Rating (tons):			H	HS	3-3	EV3	SHV	33.00	60.00				20.00	36.00														
-1.00	-1.00																																	
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H	HS	3-3	EV3	SHV																														
33.00	60.00																																	
20.00	36.00																																	
<b>BRIDGE DATA</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 218. Functionally Obsolete: FO 220. Bridge Redecked: - 221. Substr. Cond. (U/W): 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 4 225. Paint Type/Ovrct: - 226. Date Painted: 227. Paint Color: - 233. Deck Forming: Conventional Forming 238. School Bus Rte.: Current & Desired route 240. Appr. Rwy Type.: Asphalt/Bituminous 243. Grdr Spacing/No.: /		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 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: 3 SC - Unstable																																
<b>PROPOSED IMPROVEMENTS</b>		<b>NAVIGATION DATA</b>																																
94. Bridge Cost: \$253,000 95. Roadway Cost: \$139,000 96. Total Cost: \$403,000 97. Yr. of Cost Est.: 2015		75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 162.6 ft 114. Future ADT: 160 115. Yr. of Future ADT: 2039																																
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31																																		
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<b>PROTECTIVE SYSTEMS</b>		<b>FIELD DATA</b>																																
249. Scour Crit. POA Exists?: Yes 250. Headwall: 258. Plans w/Found.in ODOT File: - 259. Scour Eval. in ODOT File: - 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00		248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: Yes 250. Headwall: 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> 01047	<b>Structure No.:</b> 60E0610N3430004	<b>Local ID:</b> 063 1	<b>Suff. Rating:</b> 47.90	<b>SD</b>
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Inspection Date: 10/7/21 Greg Wilson

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Invoice No.: 2105-42 Inspected With: John Chandler

**BRIDGE NOTES:**

5 REINFORCED CONCRETE BEAMS

**INSPECTION NOTES:** 10/7/21

OS INSPECTION IS DUE TO OVERALL CONDITION OF STRUCTURE AND SCOUR

**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	1,345.00	0%	0.00	0%	0.00	100%	1,345.00	0%	0.00
FX - AC OVERLAY DETERIORATION AT EACH END AND GUTTERS WITH BRICK SURFACE EXPOSED. MODERATE TO HEAVY SOIL BUILD-UP ALONG GUTTERS. MINOR CHIPPING ON CURBS. - DRAINS BLOCKED											
510 / 1	Wearing Surfaces	sq.ft	1,345.00	0%	0.00	52%	700.00	48%	645.00	0%	0.00
FX - AC OVERLAY DETERIORATION WEST END AND GUTTERS WITH BRICK SURFACE EXPOSED. MODERATE TO HEAVY SOIL BUILD-UP ALONG GUTTERS. MINOR CHIPPING ON CURBS. - DRAINS BLOCKED. ASPHALT BREAKING UP - PATCHED. NEW AC OVERLAY EAST 1/2 OF BRIDGE INTO EAST APPROACH AND NEW AC OVERLAY AT WEST APPROACH STARTING TO CRACK.											
110 / 1	Re Conc Opn Girder/Beam	ft	325.00	0%	0.00	40%	131.00	31%	100.00	29%	94.00
PX - HEAVY SPALLING ON BOTTOM OF OUTER GIRDERS IN SPAN 2 AND SOUTH GIRDER IN SPAN 1 WITH MAIN STEEL VISIBLE. UP TO 30% LOSS TO STEEL ON SOME AREAS ON NORTH AND SOUTH GIRDERS IN EAST SPAN. HEAVY CRACKING WITH SPALLING STARTING ON NORTH GIRDER IN WEST SPAN. HEAVY CRUMBLING AND SPALLING OF EACH GIRDER AT BENT. LOTS OF STIRRUP BARB EXPOSED IN EACH GIRDER WITH LOSS TO REBAR NOTED. SOME SPALLING AT ABUTMENTS SEATS. WEATHERING AND CRACKING OVERALL. NEEDS ATTENTION AS SOON AS POSSIBLE. -- WORST AT EXTERIOR GIRDERS. NO VISIBLE CHANGE (2021)											
210 / 1	Re Conc Pier Wall	ft	23.00	39%	9.00	30%	7.00	30%	7.00	0%	0.00
PX - LARGE SPALL ON SEAT BETWEEN #2 AND #3 CONCRETE BEAMS. REBAR EXPOSED FOR 2ft. MINOR SCALING OVERALL. STILL APPEARS SOLID.											
215 / 1	Re Conc Abutment	ft	49.00	0%	0.00	100%	49.00	0%	0.00	0%	0.00
MINOR SCRAPES AND HONEY COMBING											
330 / 1	Metal Bridge Railing	ft	135.00	0%	0.00	74%	100.00	26%	35.00	0%	0.00
FX - MOST OF NORTH RAIL REPLACED. SOME DAMAGE AT SOUTHWEST AND NORTHEAST. MODERATE TO HEAVY RUST DEVELOPING ALL AREAS. RAIL NOT TO STANDARDS - COBBLED TOGETHER. POSTS MISSING. SOUTHEAST END BROKE OFF											
919 / 1	St.(Rail) Prot. Coat	(SF)	143.00	0%	0.00	0%	0.00	0%	0.00	100%	143.00
SOUTH RAIL COATING FAILED											
859 / 1	Soffit	(EA)	1.00	0%	0.00	0%	0.00	100%	1.00	0%	0.00
PX - LOTS OF SPALLING AND EXPOSED REBAR BETWEEN OUTER 2 GIRDERS. MOSTLY FROM INSUFFICIENT COVER. SOME DETERIORATION AT DRAINS. LIGHT SCALING OVERALL. NO HOLES. CLOSE TO 50%. EXPOSED REBAR ALL OVER SOFFIT, WITH SOME EFFLORESCENCE.											
870 / 1	Concrete Wingwall	(EA)	4.00	100%	4.00	0%	0.00	0%	0.00	0%	0.00
961 / 1	Scour SF	(EA)	1.00	0%	0.00	0%	0.00	100%	1.00	0%	0.00
PX - SCOUR AT PIER WALL AND WEST ABUTMENT EXPOSING FOOTINGS. WEST ABUTMENT FOOTING AT NORTH END FULLY EXPOSED WITH 6 INCHES OF UNDERMINING. - FOOTING AT PIER WALL SLIGHT UNDERMINING. APPEARS THERE IS NO CHANGE AT PIER (2021) U.S SCOUR HOLE 19.5 FEET + 38 FEET FROM W. ABUTMENT.											
963 / 1	Steel Section Loss SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
FX - SECTION LOSS AT EXPOSED REINFORCING STEEL. MOSTLY IN CONCRETE GIRDERS.											
965 / 1	Debris SF	(EA)	1.00	0%	0.00	0%	0.00	100%	1.00	0%	0.00
PX - DRIFT RESTRICTING MOST AT EAST SPAN. LESS THAN 50%. DRIFT ON TOP OF PIER. 20% RESTRICTION AT SPAN #1.											

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 063



NBI #: 01047 Str #: 60E0610N3430004  
Payne County

Facility Carried: MCELROY (E0610)  
Feature Int.: COUNCIL CREEK

2021-10-07  
Looking E



NBI #: 01047 Str #: 60E0610N3430004  
Payne County

Facility Carried: MCELROY (E0610)  
Feature Int.: COUNCIL CREEK

2021-10-07  
N. Rail

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 063



NBI #: 01047 Str #: 60E0610N3430004  
Payne County

Facility Carried: MCELROY (E0610)  
Feature Int.: COUNCIL CREEK

2021-10-07  
Deck



NBI #: 01047 Str #: 60E0610N3430004  
Payne County

Facility Carried: MCELROY (E0610)  
Feature Int.: COUNCIL CREEK

2021-10-07  
Looking S



**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 063



NBI #: 01047 Str #: 60E0610N3430004  
Payne County

Facility Carried: MCELROY (E0610)  
Feature Int.: COUNCIL CREEK

2021-10-07  
Drift



NBI #: 01047 Str #: 60E0610N3430004  
Payne County

Facility Carried: MCELROY (E0610)  
Feature Int.: COUNCIL CREEK

2021-10-07  
N BM SP 1

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 063



NBI #: 01047 Str #: 60E0610N3430004  
Payne County

Facility Carried: MCELROY (E0610)  
Feature Int.: COUNCIL CREEK

2021-10-07  
W. Abutment



NBI #: 01047 Str #: 60E0610N3430004  
Payne County

Facility Carried: MCELROY (E0610)  
Feature Int.: COUNCIL CREEK

2021-10-07  
Soffit

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 063



NBI #: 01047 Str #: 60E0610N3430004  
Payne County

Facility Carried: MCELROY (E0610)  
Feature Int.: COUNCIL CREEK

2021-10-07  
W. Abutment



NBI #: 01047 Str #: 60E0610N3430004  
Payne County

Facility Carried: MCELROY (E0610)  
Feature Int.: COUNCIL CREEK

2021-10-07  
E. Abutment

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 063



NBI #: 01047 Str #: 60E0610N3430004  
Payne County

Facility Carried: MCELROY (E0610)  
Feature Int.: COUNCIL CREEK

2021-10-07  
BEAMS AT PIER



NBI #: 01047 Str #: 60E0610N3430004  
Payne County

Facility Carried: MCELROY (E0610)  
Feature Int.: COUNCIL CREEK

2021-10-07  
BEAMS AT PIER

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 00891	<b>Structure No.:</b> 60E0610N3430006	<b>Local ID:</b> 064 1	<b>Suff. Rating:</b> 59.60	<b>SD</b>																														
<b>Bridge Description:</b> 33ft. I-BEAM SPAN, SK60LF		<b>IDENTIFICATION</b>																																
1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0610 5e. Dir. Sufx: N/A (NBI)		7. Facility Carried : MCELROY (E0610) 6. Feat. Intersect: FEATHER CREEK 9. Location: MCELROY\BETHEL RD .6E 11. Mile Post: 0.600 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 07' 51.10" 17. Longitude: 096° 52' 50.64" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown																																
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200c. Temperature: 82 200d. Weather: Ptly Cloudy 201. Struc. Stl. ASTM Desig.: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: Open Joint-No Device 204. Type of Railing: W-Beam 205. Material Quantity: -1.00 208a. Type of Abutment: Cantilever b. Type of Found.: Bears on Natural Found. 209. Type of Pier/Found.: - / - 210. Foundation Elev.: -1.00    -1.00 -1.00    -1.00    -1.00 211. Wear. Surf. Prot. Sys: None Date Installed: 01/01/1901 211c. Silane Reapplied 211d. Date: 213. Utilities Attached: Communication		<table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td>31. Design Load: M 9 (H 10)</td> <td>Date Rated: 11/25/2019</td> </tr> <tr> <td>41. Post. Status: P Posted for load</td> <td></td> </tr> <tr> <td>70. Posting: 1 30.0-39.9% below</td> <td></td> </tr> <tr> <td>63. Op / 65. Inv. Rating Meth.: 1 LF Load Factor / 1 LF Load Factor</td> <td></td> </tr> <tr> <td>64. Operating Rating (tons):</td> <td> <table border="1" style="display: inline-table; 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>30.20</td> <td>47.70</td> <td></td> <td>39.40</td> <td>42.80</td> </tr> <tr> <td>18.20</td> <td>28.60</td> <td></td> <td>23.60</td> <td></td> </tr> </tbody> </table> </td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td></td> </tr> </tbody> </table>			31. Design Load: M 9 (H 10)	Date Rated: 11/25/2019	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; 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>30.20</td> <td>47.70</td> <td></td> <td>39.40</td> <td>42.80</td> </tr> <tr> <td>18.20</td> <td>28.60</td> <td></td> <td>23.60</td> <td></td> </tr> </tbody> </table>	H	HS	3-3	EV3	SHV	30.20	47.70		39.40	42.80	18.20	28.60		23.60		66. Inventory Rating (tons):				
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214. Span Lengths: 33 245. Girder Depth: 20.00 246a. Type of Overlay: AC Overlay b. Overlay Thickness: 2.00 c. Overlay Date: 01/01/2000 d. Ovlv Depth Changed >1": N 247. Protective Systems: 248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: - 250. Headwall: 258. Plans w/Found. in ODOT File: - 259. Scour Eval. in ODOT File: - 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00		<table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td>94. Bridge Cost: \$183,000</td> <td>75. Type of Work: 31 Repl-Load Capacity</td> </tr> <tr> <td>95. Roadway Cost: \$100,000</td> <td>76. Lngth of Improvement: 117.3 ft</td> </tr> <tr> <td>96. Total Cost: \$290,000</td> <td>114. Future ADT: 160</td> </tr> <tr> <td>97. Yr. of Cost Est.: 2015</td> <td>115. Yr. of Future ADT: 2039</td> </tr> </tbody> </table>			94. Bridge Cost: \$183,000	75. Type of Work: 31 Repl-Load Capacity	95. Roadway Cost: \$100,000	76. Lngth of Improvement: 117.3 ft	96. Total Cost: \$290,000	114. Future ADT: 160	97. Yr. of Cost Est.: 2015	115. Yr. of Future ADT: 2039																						
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 00891	<b>Structure No.:</b> 60E0610N3430006	<b>Local ID:</b> 064 1	<b>Suff. Rating:</b> 59.60	<b>SD</b>
--------------------------	--	---------------------------	-------------------------------	-----------

Inspection Date: 10/7/21 Greg Wilson  
 Invoice No.: 2105-42 Inspected With: John Chandler

**BRIDGE NOTES:**

7 beams.  
 FX - Settling  
 OS INSPECTION IS DUE TO SCOUR AND EAST ABUTMENT

**INSPECTION NOTES:** 10/7/21

Approach roadway is rough. Constructed 1920, OLD 51 Highway.

**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	807.00	0%	0.00	0%	0.00	0%	0.00	100%	807.00
FX - Curbs have minor damage. Down-rated due to soffit condition. Brick Wearing Surface. Originally.											
510 / 1	Wearing Surfaces	sq.ft	807.00	0%	0.00	0%	0.00	100%	807.00	0%	0.00
FX - Cracking in A/C overlay. Brick Wearing Surface. Originally.											
107 / 1	Steel Opn Girder/Beam	ft	164.00	0%	0.00	0%	0.00	100%	164.00	0%	0.00
PX - Heavy Rust with scaling in top and bottom flanges^ Exterior Beams Worst. --- Freckling & Lite to Mod. rust @ 4 of 5 Interior beams. OUTSIDE BEAMS MINOR LOSS TO WEBS.											
515 / 1	Steel Protective Coating	sq.ft	1,347.00	0%	0.00	0%	0.00	0%	0.00	100%	1,347.00
PROTECTION FAILED											
215 / 1	Re Conc Abutment	ft	56.00	0%	0.00	18%	10.00	82%	46.00	0%	0.00
PX - Large horizontal crack and spalling near edge of seats of each abutment. Steel exposed. Light scaling. Deep spall under BM #3. Only approximately 4in. of contact with beam.											
330 / 1	Metal Bridge Railing	ft	69.00	0%	0.00	49%	34.00	0%	0.00	51%	35.00
FX - North rail damaged and loose at curb. Moderate to heavy rust most areas.											
919 / 1	St.(Rail) Prot. Coat	(SF)	197.00	0%	0.00	0%	0.00	0%	0.00	100%	197.00
PROTECTION FAILED											
859 / 1	Soffit	(EA)	1.00	0%	0.00	0%	0.00	0%	0.00	100%	1.00
PX - Heavy spalling and deterioration. Up to 80% of deck affected. Up to 1 inch deep spalls. No holes yet. Most of bottom reinforcing exposed.											
865 / 1	St.Open Gird End(5Ft)	(LF)	70.00	0%	0.00	0%	0.00	100%	70.00	0%	0.00
PX - Mod to Hvy. Rust and scaling in top and bottom flanges and web all girders.											
870 / 1	Concrete Wingwall	(EA)	4.00	50%	2.00	0%	0.00	50%	2.00	0%	0.00
SE WING BROKEN ON TOP. NE WING SPALLED, WITH 3/4 INCH CRACK AT CONNECTION.											
961 / 1	Scour SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
PX - BOTH ABUTMENTS FOOTING EXPOSED - WATER LEVEL HIGHER THAN LAST INSPECTION. BOTTOM OF FOOTING APPEARS VISIBLE IN ISOLATED AREAS - ABLE TO PROBE 3-4in. UNDER FOOTING. - PROTECTION NEEDED - NO VISIBLE CHANGE 2021											
963 / 1	Steel Section Loss SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
PX - Heavy section loss on top flanges of girder. - BM ENDS MINOR LOSS ON WEBS.											
968 / 1	Erosion SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
PX - EROSION AT NORTHEAST WING TO EDGE OF ROADWAY - FILL NEEDED											
972 / 1	Loss of Bearing SF	(EA)	5.00	0%	0.00	60%	3.00	20%	1.00	20%	1.00
PX - Few areas with abutment spalling under beams. East abutment north beam approximately 40%. East abutment beam #3 abutment has broken under beam only approximately 4in. of contact with abutment remains. Nearing C_X condition. NO VISIBLE CHANGE 2021.											
973 / 1	Horizontal Force SF	(EA)	1.00	0%	0.00	0%	0.00	0%	0.00	100%	1.00
PX - 1/2 TO 3/4 INCH CRACKING TOP OF NE WING INTO BACKWALL OF EAST ABUTMENT.											

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 064



NBI #: 00891 Str #: 60E0610N3430006  
Payne County

Facility Carried: MCELROY (E0610)  
Feature Int.: FEATHER CREEK

2021-10-07  
Looking W



NBI #: 00891 Str #: 60E0610N3430006  
Payne County

Facility Carried: MCELROY (E0610)  
Feature Int.: FEATHER CREEK

2021-10-07  
NE Corner

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 064



NBI #: 00891 Str #: 60E0610N3430006  
Payne County

Facility Carried: MCELROY (E0610)  
Feature Int.: FEATHER CREEK

2021-10-07  
N. Rail



NBI #: 00891 Str #: 60E0610N3430006  
Payne County

Facility Carried: MCELROY (E0610)  
Feature Int.: FEATHER CREEK

2021-10-07  
Deck



**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 064



NBI #: 00891 Str #: 60E0610N3430006  
Payne County

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Feature Int.: FEATHER CREEK

2021-10-07  
Looking E



NBI #: 00891 Str #: 60E0610N3430006  
Payne County

Facility Carried: MCELROY (E0610)  
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2021-10-07  
SE WING

**PAYNE COUNTY - OFF SYSTEM**

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Payne County

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2021-10-07  
Looking S



NBI #: 00891 Str #: 60E0610N3430006  
Payne County

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2021-10-07  
W. Abutment

**PAYNE COUNTY - OFF SYSTEM**

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2021-10-07  
E. Abutment

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Payne County

Facility Carried: MCELROY (E0610)  
Feature Int.: FEATHER CREEK

2021-10-07  
Soffit

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 00804	<b>Structure No.:</b> 60E0610N3460004	<b>Local ID:</b> 065 1	<b>Suff. Rating:</b> 72.20	<b>ND</b>																														
<b>Bridge Description:</b> 2-10ft. X 10ft. X 36ft. RCB		<b>IDENTIFICATION</b>																																
1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0610 5e. Dir. Sufx: N/A (NBI)		7. Facility Carried: MCELROY RD. 6. Feat. Intersect: CREEK 9. Location: MCELROY\CLAY RD .4E 11. Mile Post: 0.400 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 07' 47.83" 17. Longitude: 096° 49' 48.63" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown																																
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43a/b. Main Span: Concrete / Culvert 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: N/A (no deck (NBI)) 108b. Membrane: N/A (no deck (NBI)) 108c. Deck protection: N/A (no deck (NBI))		<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>10/18/2021</td> <td>10/18/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>			Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	10/18/2021	10/18/2023	FC:	N	0		NA	NA	UW:	N	0		NA	NA	OS:	N	0		NA	NA
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200c. Temperature: 50 200d. Weather: Clear 201. Struc.Stl. ASTM Desig.: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: Open Joint-No Device 204. Type of Railing: N/A 205. Material Quantity: -1.00 208a. Type of Abutment: Other b. Type of Found.: Bears on Natural Found. 209. Type of Pier/Found.: - / - 210. Foundation Elev.: <table border="1" style="display: inline-table; margin-right: 10px;"> <tr><td>-1.00</td></tr> <tr><td>-1.00</td></tr> </table> <table border="1" style="display: inline-table; margin-right: 10px;"> <tr><td>-1.00</td></tr> <tr><td>-1.00</td></tr> </table> <table border="1" style="display: inline-table;"> <tr><td>-1.00</td></tr> <tr><td>-1.00</td></tr> </table> 211. Wear. Surf. Prot. Sys: None Date Installed: 01/01/1901 211c. Silane Reapplied 211d. Date: 213. Utilities Attached:		-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	31. Design Load: MS 18 (HS 20) 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 <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>16.00</td> <td>29.00</td> <td></td> <td></td> <td></td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>9.00</td> <td>17.00</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> 64. Operating Rating (tons): 66. Inventory Rating (tons):				H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	16.00	29.00				66. Inventory Rating (tons):	9.00	17.00									
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		94. Bridge Cost: \$100,000 95. Roadway Cost: \$75,000 96. Total Cost: \$225,000 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																																
		68. Deck Geom.: Not applicable (NBI) 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 8 Equal Desirable 72. Appr. Alignment: 8 Equal Desirable Crit 113. Scour Critical: 4 Stable, needs action																																
		214a. Posted Weight Limit: 161616 b. Posted Speed Limit: NR c. Narrow/1way Brdg Sign: No d. Vertical Clr. Sign: No Adv. Warning Sign: No e. Navigation Lights?: No Working/Not Working: No 215. Overpass: ACCO 218. Functionally Obsolete: - 220. Bridge Redecked: - 221. Substr. Cond. (U/W): 222. Fill Over RCB: 4 223. Appr. Slab/Rwy Cond.: 4 225. Paint Type/Ovrct: - 226. Date Painted: - 227. Paint Color: - 233. Deck Forming: - 238. School Bus Rte.: Current & Desired route 240. Appr. Rwy Type.: Asphalt/Bituminous 243. Grdr Spacing/No.: /																																
		244. Span Lengths: <table border="1" style="display: inline-table; margin-right: 10px;">10</table> <table border="1" style="display: inline-table;">10</table> 245. Girder Depth: 246a. Type of Overlay: NA b. Overlay Thickness: 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: 36.00 258. Plans w/Found.in ODOT File: - 259. Scour Eval. in ODOT File: - 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00																																



**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 065



NBI #: 00804 Str #: 60E0610N3460004  
Payne County

Facility Carried: MCELROY RD.  
Feature Int.: CREEK

2021-10-18  
Looking E



NBI #: 00804 Str #: 60E0610N3460004  
Payne County

Facility Carried: MCELROY RD.  
Feature Int.: CREEK

2021-10-18  
Looking W

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 065



NBI #: 00804 Str #: 60E0610N3460004  
Payne County

Facility Carried: MCELROY RD.  
Feature Int.: CREEK

2021-10-18  
Looking S



NBI #: 00804 Str #: 60E0610N3460004  
Payne County

Facility Carried: MCELROY RD.  
Feature Int.: CREEK

2021-10-18  
CELL 2



**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 065



NBI #: 00804 Str #: 60E0610N3460004  
Payne County

Facility Carried: MCELROY RD.  
Feature Int.: CREEK

2021-10-18  
Looking N

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 03184	<b>Structure No.:</b> 60E0610N3500003	<b>Local ID:</b> 066 1	<b>Suff. Rating:</b> 40.70	<b>SD</b>
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<p><b>Bridge Description:</b> IDENTIFICATION</p> <div style="border: 1px solid black; padding: 2px;">4-34ft. I-BEAM SPANS</div> <p>1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0610 5e. Dir. Sufx: N/A (NBI)</p> <p>7. Facility Carried: MCELROY RD. 6. Feat. Intersect: SALT CREEK 9. Location: MCELROY/TMOONS .3 E 11. Mile Post: 0.300 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 07' 51.32" 17. Longitude: 096° 45' 45.21" 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>10/18/2021</td> <td>10/18/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>Y</td> <td>0</td> <td>24 months</td> <td>9/25/2020</td> <td>9/25/2022</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: IRR-Indian Res Rd</td> </tr> <tr> <td>37. Historical Sig.: Not eligible for NRHP</td> <td>110. Defense Hwy: Not a STRAHNET hwy</td> </tr> <tr> <td>100. Def. Hwy: Not a STRAHNET hwy</td> <td>112. NBIS Length: Long Enough</td> </tr> </table>	Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	10/18/2021	10/18/2023	FC:	N	0		NA	NA	UW:	N	0		NA	NA	OS:	Y	0	24 months	9/25/2020	9/25/2022	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: IRR-Indian Res Rd	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: 4 46. # of Appr. Spans: 0 107. Deck Type: Concrete-Cast-in-Place 108a. Wearing Surface: Bituminous 108b. Membrane: None 108c. Deck protection: None</p>	<p style="text-align: center;"><b>CONDITION</b></p> <p>58. Deck: 6 Satisfactory 59. Sup.: 4 Poor 60. Sub: 5 Fair 62. Culvert: N/A (NBI) 61. Chan./Chan. Prot.: 5 Bank Prot Eroded</p> <p><b>Flowline Notes</b></p> <div style="border: 1px solid black; padding: 2px;">SOUTH TOC TO FL 30.2' +70' FROM WEST ABUT</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: 1930 28a/b. Lanes on/und: 2 / 0 29. ADT: 150 30. Year of ADT: 2019 42a/b. Type of Svc on/und: Highway / Waterway</p> <p>106. Year Reconst.: 0 109. Truck ADT: 10%</p>	<p style="text-align: center;"><b>LOAD RATING AND POSTING</b></p> <p>31. Design Load: M 9 (H 10) 41. Post. Status: P Posted for load 70. Posting: 2 20.0-29.9%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>23.50</td> <td>35.60</td> <td></td> <td>29.30</td> <td>31.80</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>14.10</td> <td>21.40</td> <td></td> <td>17.60</td> <td></td> </tr> </tbody> </table>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	23.50	35.60		29.30	31.80	66. Inventory Rating (tons):	14.10	21.40		17.60	
	H	HS	3-3	EV3	SHV														
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66. Inventory Rating (tons):	14.10	21.40		17.60															

  

<p style="text-align: center;"><b>GEOMETRIC DATA</b></p> <p>10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 24.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 19.70 ft 48. Length Max Span: 34.10 ft 49. Struct. Length: 137.10 ft</p> <p>50a. Curb/Sdwk Width L: 1.50 ft 50b. Curb/Sdwk Width R: 1.50 ft 51. Width Curb to Curb: 20.00 ft 52. Width Out to Out: 23.00 ft Deck Area: 3,153.83 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. 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.: 4 Tolerable 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 7 Above Minimum 72. Appr. Alignment: 7 Above Min Criteria 113. Scour Critical: 5 Stable w/in footing</p>
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<p style="text-align: center;"><b>OKLAHOMA ITEMS</b></p> <p>200c. Temperature: 60 200d. Weather: Clear 201. Struc. Stl. ASTM Desig.: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: Pourable 204. Type of Railing: Metal Railing (other) 205. Material Quantity: -1.00 208a. Type of Abutment: Skeleton b. Type of Found.: Concrete Piling 209. Type of Pier/Found.: B / No Concrete Piling 210. Foundation Elev.: -1.00 -1.00 -1.00 -1.00 -1.00 211. Wear. Surf. Prot. Sys: None Date Installed: 01/01/1901 211c. Silane Reapplied 211d. Date: 213. Utilities Attached: Communication Petroleum Prod:   </p>	<p>214a. Posted Weight Limit: 171717 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 218. Functionally Obsolete: - 220. Bridge Redecked: - 221. Substr. Cond. (U/W): 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: Red Lead 3 Coat System N/A 226. Date Painted: 1930 227. Paint Color: Silver 233. Deck Forming: Conventional Forming 238. School Bus Rte.: Current &amp; Desired route 240. Appr. Rwy Type.: Concrete 243. Grdr Spacing/No.: /</p>
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<p style="text-align: center;"><b>PROPOSED IMPROVEMENTS</b></p> <p>94. Bridge Cost: \$376,000 95. Roadway Cost: \$207,000 96. Total Cost: \$647,130 97. Yr. of Cost Est.: 2015</p> <p>75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 241.6 ft 114. Future ADT: 240 115. Yr. of Future ADT: 2039</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.: Not Applicable (P) 116. Lift Bridge Vert. Clr.: 0.0 ft</p>
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<p>244. Span Lengths: <span style="border: 1px solid black; padding: 2px;">34</span> <span style="border: 1px solid black; padding: 2px;">34</span> <span style="border: 1px solid black; padding: 2px;">34</span> <span style="border: 1px solid black; padding: 2px;">34</span> 245. Girder Depth: 246a. Type of Overlay: AC Overlay b. Overlay Thickness: 3.00 c. Overlay Date: 01/01/2018 d. Ovlv Depth Changed &gt;1": N 247. Protective Systems:     248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: - 250. Headwall: 258. Plans w/Found. in ODOT File: - 259. Scour Eval. in ODOT File: - 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00</p>
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 03184	<b>Structure No.:</b> 60E0610N3500003	<b>Local ID:</b> 066 1	<b>Suff. Rating:</b> 40.70	<b>SD</b>
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Inspection Date: 10/18/21 Greg Wilson  
 Invoice No.: 2105-42 Inspected With: John Chandler

**BRIDGE NOTES:**

\* 5 beams. Steel piles added for support @ center & East Piers. \* OLD SH 51 - CONCRETE RDWY.

**INSPECTION NOTES:** 10/18/21

\* Slopes beneath abutments very steep. \*  
 OS INSPECTION REQUESTED BY CO. COMM. DUE TO RECENT FLOODING IN MAY/JUNE (2019). NO VISIBLE CHANGES OTHER THAN EROSION AND DEBRIS (06/25/2019)

**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	2,742.00	0%	0.00	100%	2,742.00	0%	0.00	0%	0.00
FX - NEW 3in. AC OVERLAY (2018) SOFFIT CONTROLS CS											
510 / 1	Wearing Surfaces	sq.ft	2,742.00	0%	0.00	82%	2,242.00	15%	400.00	4%	100.00
PX - NEW 3.0in. AC OVERLAY (2018)											
107 / 1	Steel Opn Girder/Beam	ft	1,594.00	0%	0.00	0%	0.00	100%	1,594.00	0%	0.00
PX - Some exfoliation noted on top flanges of several girders on spans 1 and 4. Moderate to heavy rust on exposed areas^ mainly outer girders.											
205 / 1	Re Conc Column	each	23.00	91%	21.00	0%	0.00	0%	0.00	9%	2.00
Some superficial weathering overall.-- Minor cracking on #1 in west abutment. One broken pile on each of bents 2[Cent.] and 3[East]. --- Repaired with steel piles & steel cover plates.											
215 / 1	Re Conc Abutment	ft	46.00	0%	0.00	100%	46.00	0%	0.00	0%	0.00
Some scaling and pop-outs on seats and outer face areas. Mainly on west abutment. Horizontal delamination on upper side of west abutment over most of length.											
225 / 1	Steel Pile	(EA)	4.00	0%	0.00	100%	4.00	0%	0.00	0%	0.00
SURFACE RUST											
231 / 1	Steel Pier Cap	ft	13.00	0%	0.00	100%	13.00	0%	0.00	0%	0.00
NOTE - Caps are @ double pile supports @ piers #2 & 3. Little deterioration noted. - Light surface rust noted.											
234 / 1	Re Conc Pier Cap	ft	115.00	68%	78.00	26%	30.00	6%	7.00	0%	0.00
Some minor-lite scaling-delam. on outer areas. Moderate horizontal crack on east cap to south half. WEST CAP 1ft. DIAGONAL SPALL WITH EXPOSED REBAR SOUTH END.											
330 / 1	Metal Bridge Railing	ft	276.00	0%	0.00	100%	276.00	0%	0.00	0%	0.00
FX - Heavy surface rust overall. Curb cracked at NW and SE where posts are anchored. Several bolts missing. -- Surface coating less than 50% coverage.											
919 / 1	St.(Rail) Prot. Coat	(SF)	376.00	0%	0.00	0%	0.00	0%	0.00	100%	376.00
PROTECTION FAILED											
859 / 1	Soffit	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
Scattered light spalling below curb areas. - Minor cracking with stains and leaching on inner areas near drains.1 or 2 transverse cracks in each span..											
865 / 1	St.Open Gird End(5Ft)	(LF)	200.00	0%	0.00	0%	0.00	98%	196.00	2%	4.00
PX - Some exfoliation noted on top flanges of several girders on spans 1 and four. Moderate to heavy rust on exposed areas^ mainly outer girders. PX - Heavy section loss SW corner^ through holes bottom of webs beam #1 and #2.											
870 / 1	Concrete Wingwall	(EA)	4.00	75%	3.00	0%	0.00	25%	1.00	0%	0.00
NORTHWEST WING LARGE HORIZONTAL CRACK NEAR TOP TO CONNECTION											
909 / 1	Pourable Fix Jt.Seal	(LF)	69.00	0%	0.00	0%	0.00	100%	69.00	0%	0.00
FX - Joints covered with asphalt											
960 / 1	Settlement SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
Girder end at SW cor settled - Pulled away from soffit - NO VISIBLE CHANGE (2021)											
963 / 1	Steel Section Loss SF	(EA)	1.00	0%	0.00	0%	0.00	100%	1.00	0%	0.00
PX - Holes in webs of #1 and #2 at west abutment. Heavy loss on NW^ NE^ and SE. All need repair! Still some overhang at seats with good sections. - REPAIRS DESIRED.											
965 / 1	Debris SF	(EA)	1.00	0%	0.00	0%	0.00	100%	1.00	0%	0.00
PX - MODERATE DRIFT AGAINST WEST PIER AND 50ft. DOWNSTREAM											
968 / 1	Erosion SF	(EA)	1.00	0%	0.00	0%	0.00	100%	1.00	0%	0.00
PX - Erosion at south west corner. Erosion under both abutments and base piers. HEAVY RAW BANK EROSION NORTHEAST CORNER INTO NORTHEAST WING - SLIGHTLY WORSE (2021)											

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 066



NBI #: 03184 Str #: 60E0610N3500003  
Payne County

Facility Carried: MCELROY RD.  
Feature Int.: SALT CREEK

2021-10-18  
Looking E



NBI #: 03184 Str #: 60E0610N3500003  
Payne County

Facility Carried: MCELROY RD.  
Feature Int.: SALT CREEK

2021-10-18  
Looking W

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 066



NBI #: 03184 Str #: 60E0610N3500003  
Payne County

Facility Carried: MCELROY RD.  
Feature Int.: SALT CREEK

2021-10-18  
NE Corner



NBI #: 03184 Str #: 60E0610N3500003  
Payne County

Facility Carried: MCELROY RD.  
Feature Int.: SALT CREEK

2021-10-18  
Looking S

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 066



NBI #: 03184 Str #: 60E0610N3500003  
Payne County

Facility Carried: MCELROY RD.  
Feature Int.: SALT CREEK

2021-10-18  
Drift



NBI #: 03184 Str #: 60E0610N3500003  
Payne County

Facility Carried: MCELROY RD.  
Feature Int.: SALT CREEK

2021-10-18  
NW WING

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 066



NBI #: 03184 Str #: 60E0610N3500003  
Payne County

Facility Carried: MCELROY RD.  
Feature Int.: SALT CREEK

2021-10-18  
N BM W ABUT



NBI #: 03184 Str #: 60E0610N3500003  
Payne County

Facility Carried: MCELROY RD.  
Feature Int.: SALT CREEK

2021-10-18  
S BM W ABUT

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 066



NBI #: 03184 Str #: 60E0610N3500003  
Payne County

Facility Carried: MCELROY RD.  
Feature Int.: SALT CREEK

2021-10-18  
BM 2 W ABUT



NBI #: 03184 Str #: 60E0610N3500003  
Payne County

Facility Carried: MCELROY RD.  
Feature Int.: SALT CREEK

2021-10-18  
W. Abutment



**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 066



NBI #: 03184 Str #: 60E0610N3500003  
Payne County

Facility Carried: MCELROY RD.  
Feature Int.: SALT CREEK

2021-10-18  
W. Pier



NBI #: 03184 Str #: 60E0610N3500003  
Payne County

Facility Carried: MCELROY RD.  
Feature Int.: SALT CREEK

2021-10-18  
Looking N

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 00894	<b>Structure No.:</b> 60E0610N3510005	<b>Local ID:</b> 067 1	<b>Suff. Rating:</b> 62.50	<b>ND</b>
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<b>Bridge Description:</b> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">35ft. I-BEAM SPAN</div> <p>1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0610 5e. Dir. Sufx: N/A (NBI)</p> <p>7. Facility Carried : MCELROY (E0610) 6. Feat. Intersect: EAGLE CREEK 9. Location: MCELROYRIVERSIDE .5E 11. Mile Post: 0.500 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 07' 49.43" 17. Longitude: 096° 44' 23.21" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown</p>	<b>INSPECTION</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <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>10/19/2021</td> <td>10/19/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>	Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	10/19/2021	10/19/2023	FC:	N	0		NA	NA	UW:	N	0		NA	NA	OS:	N	0		NA	NA
Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.																										
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<b>STRUCTURE TYPE AND MATERIALS</b> <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: Bituminous 108b. Membrane: None 108c. Deck protection: None</p>	<b>CONDITION</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td>58. Deck: 5 Fair</td> <td>59. Sup.: 5 Fair</td> <td>60. Sub: 6 Satisfactory</td> </tr> <tr> <td>62. Culvert: N/A (NBI)</td> <td>61. Chan./Chan. Prot.: 6 Bank Slumping</td> <td></td> </tr> </table> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">S TO TOC FL 19.8' + 31' FROM W ABUT</div>	58. Deck: 5 Fair	59. Sup.: 5 Fair	60. Sub: 6 Satisfactory	62. Culvert: N/A (NBI)	61. Chan./Chan. Prot.: 6 Bank Slumping	
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62. Culvert: N/A (NBI)	61. Chan./Chan. Prot.: 6 Bank Slumping						

<b>AGE AND SERVICE</b> <p>19. Detour Length: 4.0 mi 27. Year Built: 1920 28a/b. Lanes on/und: 2 / 0 29. ADT: 150 30. Year of ADT: 2019 42a/b. Type of Svc on/und: Highway / Waterway</p> <p>106. Year Reconst.: 0 109. Truck ADT: 10%</p>	<b>LOAD RATING AND POSTING</b> <p>31. Design Load: M 13.5 (H 15) <span style="float: right;">Date Rated: 11/20/2019</span> 41. Post. Status: P Posted for load 70. Posting: 4 0.1-9.9%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; margin-top: 5px;"> <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>30.70</td> <td>47.50</td> <td></td> <td>39.10</td> <td>42.50</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>18.40</td> <td>28.50</td> <td></td> <td>23.50</td> <td></td> </tr> </tbody> </table>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	30.70	47.50		39.10	42.50	66. Inventory Rating (tons):	18.40	28.50		23.50	
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66. Inventory Rating (tons):	18.40	28.50		23.50															

<b>GEOMETRIC DATA</b> <p>10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 23.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 20.00 ft 48. Length Max Span: 32.00 ft 49. Struct. Length: 35.10 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: 22.80 ft Deck Area: 800.19 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>	<b>APPRAISAL</b> <p>36a. Brgd Rail: 0 Substandard 36b. Transition: 0 Substandard 36c. Appr. Rail: 0 Substandard 36d. Appr. Rail Ends: 0 Substandard 67. Str Evaluation: 5 Above Min Toler</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: 7 Countermeasures</p>
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<b>OKLAHOMA ITEMS</b> <p>200c. Temperature: 59 200d. Weather: Ptly Cloudy 201. Struc. Stl. ASTM Desig.: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: Open Joint-No Device 204. Type of Railing: W-Beam 205. Material Quantity: -1.00 208a. Type of Abutment: Cantilever b. Type of Found.: Bears on Natural Found. 209. Type of Pier/Found.: - / - 210. Foundation Elev.: <table border="1" style="display: inline-table; margin-right: 10px;"><tr><td>-1.00</td></tr></table> <table border="1" style="display: inline-table; margin-right: 10px;"><tr><td>-1.00</td></tr></table> <table border="1" style="display: inline-table;"><tr><td>-1.00</td></tr></table> <table border="1" style="display: inline-table; margin-right: 10px;"><tr><td>-1.00</td></tr></table> <table border="1" style="display: inline-table; margin-right: 10px;"><tr><td>-1.00</td></tr></table> <table border="1" style="display: inline-table;"><tr><td>-1.00</td></tr></table> 211. Wear. Surf. Prot. Sys: None Date Installed: 01/01/1901 211c. Silane Reapplied 211d. Date : 213. Utilities Attached: Petroleum Produ</p>	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	<p>214a. Posted Weight Limit: 303030 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 218. Functionally Obsolete : - 220. Bridge Redecked : - 221. Substr. Cond. (U/W): 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: Red Lead 3 Coat System N/A 226. Date Painted: 1920 227. Paint Color: Silver 233. Deck Forming: Conventional Forming 238. School Bus Rte.: Current &amp; Desired route 240. Appr. Rwy Type.: Concrete 243. Grdr Spacing/No.: 43.00 /</p>
-1.00							
-1.00							
-1.00							
-1.00							
-1.00							
-1.00							

<b>PROPOSED IMPROVEMENTS</b> <p>94. Bridge Cost: \$183,000 95. Roadway Cost: \$100,000 96. Total Cost: \$290,000 97. Yr. of Cost Est.: 2015</p> <p>75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 117.3 ft 114. Future ADT: 240 115. Yr. of Future ADT: 2039</p>	<b>NAVIGATION DATA</b> <p>38. Nav. Control: Permit Not Required 39. Vert. Clearance: 0.0 ft 40. Horiz. Clearance: 0.0 ft</p> <p>111. Pier Protect.: Not Applicable (P) 116. Lift Bridge Vert. Clr.: 0.0 ft</p>
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<p>244. Span Lengths: <table border="1" style="display: inline-table;"><tr><td>35</td></tr></table></p> <p>245. Girder Depth: 20.00 246a. Type of Overlay: AC Overlay b. Overlay Thickness: 2.00 c. Overlay Date: 01/01/1920 d. Ovlv Depth Changed &gt;1": N</p> <p>247. Protective Systems: <table border="1" style="display: inline-table;"><tr><td> </td></tr></table> <table border="1" style="display: inline-table;"><tr><td> </td></tr></table></p> <p>248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: - 250. Headwall: 258. Plans w/Found.in ODOT File: - 259. Scour Eval. in ODOT File: - 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00</p>	35		
35			

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 00894	<b>Structure No.:</b> 60E0610N3510005	<b>Local ID:</b> 067 1	<b>Suff. Rating:</b> 62.50	<b>ND</b>
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Inspection Date: 10/19/21 Greg Wilson  
 Invoice No.: 2105-42 Inspected With: John Chandler

**BRIDGE NOTES:**

7 Beams.

**INSPECTION NOTES:** 10/19/21

2 types of rail, Conc. & Galv. 30T LR SIGN REQUIRED.

**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	702.00	0%	0.00	100%	702.00	0%	0.00	0%	0.00
FX - Deterioration of overlay noted. - Asphalt surface cracking. - FX - Dirt & Debris in gutters.											
510 / 1	Wearing Surfaces	sq.ft	702.00	43%	302.00	29%	200.00	28%	200.00	0%	0.00
FX - Deterioration of overlay noted. - Asphalt surface cracking. - FX - Dirt & Debris in gutters.											
107 / 1	Steel Opn Girder/Beam	ft	174.00	0%	0.00	100%	174.00	0%	0.00	0%	0.00
FX - Top flanges are encased. Rusty areas with mostly freckling & Chalking.											
515 / 1	Steel Protective Coating	sq.ft	1,347.00	0%	0.00	100%	1,347.00	0%	0.00	0%	0.00
SUBSTANTIALLY EFFECTIVE											
215 / 1	Re Conc Abutment	ft	46.00	0%	0.00	91%	42.00	9%	4.00	0%	0.00
FX - Some areas of minor leaching evident in both abutments at cold joints near bottom. Moderate honeycombing on west abutment below north girder.											
311 / 1	Moveable Bearing	each	5.00	0%	0.00	0%	0.00	100%	5.00	0%	0.00
FX - Visible @ exterior Girders @ abuts. minor Section Loss.											
313 / 1	Fixed Bearing	each	5.00	0%	0.00	0%	0.00	100%	5.00	0%	0.00
FX - Visible @ Exterior Beams @ Abuts. minor Sec.Loss Due to Hvy. Pitting.											
330 / 1	Metal Bridge Railing	ft	36.00	0%	0.00	100%	36.00	0%	0.00	0%	0.00
North Rail is Flexbeam on Steel Posts -- Lite to Moderate surface rust most areas.											
919 / 1	St.(Rail) Prot. Coat	(SF)	102.00	0%	0.00	0%	0.00	100%	102.00	0%	0.00
LIMITED EFFECTIVENESS											
331 / 1	Re Conc Bridge Railing	ft	36.00	83%	30.00	0%	0.00	0%	0.00	17%	6.00
PX - 1 section gone on south rail. Moderate damage to (1) post											
859 / 1	Soffit	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
FX - Moderate spalling under south curb with section loss to rebar.											
865 / 1	St.Open Gird End(5Ft)	(LF)	70.00	0%	0.00	81%	57.00	16%	11.00	3%	2.00
FX - Rust with Hvy. Pitting on two feet of ends.											
870 / 1	Concrete Wingwall	(EA)	4.00	0%	0.00	100%	4.00	0%	0.00	0%	0.00
HONEYCOMBING AT CONNECTIONS - CRACKS UP TO 1/8in.											
963 / 1	Steel Section Loss SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
FX - Loss @ embedded bearing plates AND SOME BEAM ENDS AT ABUTMENT											
968 / 1	Erosion SF	(EA)	1.00	100%	1.00	0%	0.00	0%	0.00	0%	0.00
FX - minor Erosion beginning base east abutment.											

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 067



NBI #: 00894 Str #: 60E0610N3510005  
Payne County

Facility Carried: MCELROY (E0610)  
Feature Int.: EAGLE CREEK

2021-10-19  
Looking E



NBI #: 00894 Str #: 60E0610N3510005  
Payne County

Facility Carried: MCELROY (E0610)  
Feature Int.: EAGLE CREEK

2021-10-19  
Looking W

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 067



NBI #: 00894 Str #: 60E0610N3510005  
Payne County

Facility Carried: MCELROY (E0610)  
Feature Int.: EAGLE CREEK

2021-10-19  
S. Rail



NBI #: 00894 Str #: 60E0610N3510005  
Payne County

Facility Carried: MCELROY (E0610)  
Feature Int.: EAGLE CREEK

2021-10-19  
N BEAM

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 067



NBI #: 00894 Str #: 60E0610N3510005  
Payne County

Facility Carried: MCELROY (E0610)  
Feature Int.: EAGLE CREEK

2021-10-19  
Looking S



NBI #: 00894 Str #: 60E0610N3510005  
Payne County

Facility Carried: MCELROY (E0610)  
Feature Int.: EAGLE CREEK

2021-10-19  
W. Abutment

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 067



NBI #: 00894 Str #: 60E0610N3510005  
Payne County

Facility Carried: MCELROY (E0610)  
Feature Int.: EAGLE CREEK

2021-10-19  
E. Abutment



NBI #: 00894 Str #: 60E0610N3510005  
Payne County

Facility Carried: MCELROY (E0610)  
Feature Int.: EAGLE CREEK

2021-10-19  
BEAMS

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 22712	<b>Structure No.:</b> 60E0610N3530007	<b>Local ID:</b> 068 1	<b>Suff. Rating:</b> 84.30	<b>ND</b>																														
<b>Bridge Description:</b> 29ft. I-BEAM SPAN		<b>IDENTIFICATION</b>																																
1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0610 5e. Dir. Sufx: N/A (NBI)		7. Facility Carried : MCELROY (E0610) 6. Feat. Intersect: MUD CREEK 9. Location: MCELROY/NORFOLK .7E 11. Mile Post: 0.700 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 07' 49.65" 17. Longitude: 096° 42' 02.08" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown																																
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214a. Posted Weight Limit: 070707 b. Posted Speed Limit: NR c. Narrow/1way Brdg Sign: No d. Vertical Clr. Sign: No Adv. Warning Sign: No e. Navigation Lights?: No Working/Not Working: No 215. Overpass: ACCO 218. Functionally Obsolete: - 220. Bridge Redecked: - 221. Substr. Cond. (U/W): 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 2 225. Paint Type/Ovrct: Red Lead 3 Coat System N/A 226. Date Painted: 1991 227. Paint Color: Silver 233. Deck Forming: Perm. Metal Deck Forr 238. School Bus Rte.: Current & Desired route 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: 29.00 /		75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 105.8 ft 94. Bridge Cost: \$165,000 95. Roadway Cost: \$91,000 96. Total Cost: \$261,000 97. Yr. of Cost Est.: 2015 111. Pier Protect.: Not Applicable (P) 116. Lift Bridge Vert. Clr.: 0.0 ft 244. Span Lengths: 29 245. Girder Depth: 15.00 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: 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> 22712	<b>Structure No.:</b> 60E0610N3530007	<b>Local ID:</b> 068 1	<b>Suff. Rating:</b> 84.30	<b>ND</b>
--------------------------	--	---------------------------	-------------------------------	-----------

Inspection Date: 10/19/21 Greg Wilson  
 Invoice No.: 2105-42 Inspected With: John Chandler



**BRIDGE NOTES:**

10 beams. Load rated 2004.

**INSPECTION NOTES:** 10/19/21

FX - Conc has been placed base each abutment, but is being undermined

**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	665.00	0%	0.00	100%	665.00	0%	0.00	0%	0.00
FX - SMALL POP-OUTS SOME WEAR THROUGHOUT LOOSE GRAVEL ON DECK											
107 / 1	Steel Opn Girder/Beam	ft	189.00	0%	0.00	0%	0.00	100%	189.00	0%	0.00
PX - Moderate to Heavy surface rust with minor pitting. - MINOR FLAKING OF STEEL BOTTOM FLANGES											
219 / 1	Stl Abutment	ft	46.00	0%	0.00	100%	46.00	0%	0.00	0%	0.00
FX - Mod. to Hvy. rust at grade-water line.											
918 / 1	St.(substr)Prot.Coat	(EA)	483.00	0%	0.00	100%	483.00	0%	0.00	0%	0.00
SUBSTANTIALLY EFFECTIVE											
225 / 1	Steel Pile	(EA)	22.00	0%	0.00	36%	8.00	64%	14.00	0%	0.00
PX - Concrete has been placed base of abutment piling - ABOVE CONCRETE PILE WITH MINOR EXFOLIATION. (8) WING PILES - MODERATE RUST.											
231 / 1	Steel Pier Cap	ft	46.00	0%	0.00	100%	46.00	0%	0.00	0%	0.00
FX - Moderate to Heavy surface rust with lite pitting & scaling all areas. --											
330 / 1	Metal Bridge Railing	ft	59.00	0%	0.00	100%	59.00	0%	0.00	0%	0.00
SURFACE RUST											
919 / 1	St.(Rail) Prot. Coat	(SF)	169.00	0%	0.00	100%	169.00	0%	0.00	0%	0.00
Galv coating in fair condition											
865 / 1	St.Open Gird End(5Ft)	(LF)	100.00	0%	0.00	0%	0.00	100%	100.00	0%	0.00
FX - Heavy surface rust with minor pitting. - MINOR FLAKING OF STEEL ON BOTTOM FLANGES											
871 / 1	Steel Wingwall	(EA)	4.00	0%	0.00	100%	4.00	0%	0.00	0%	0.00
MODERATE RUST											
890 / 1	Steel SIP Form	(LF)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
FX - Moderate rust on some. heavy rust on others											
963 / 1	Steel Section Loss SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
FX - MINOR FLAKING BOTTOM FLANGES OF BEAMS - MINOR EXFOLIATION ON PILES											

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 068



NBI #: 22712 Str #: 60E0610N3530007  
Payne County

Facility Carried: MCELROY (E0610)  
Feature Int.: MUD CREEK

2021-10-19  
Looking E



NBI #: 22712 Str #: 60E0610N3530007  
Payne County

Facility Carried: MCELROY (E0610)  
Feature Int.: MUD CREEK

2021-10-19  
Looking W

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 068



NBI #: 22712 Str #: 60E0610N3530007  
Payne County

Facility Carried: MCELROY (E0610)  
Feature Int.: MUD CREEK

2021-10-19  
Looking N



NBI #: 22712 Str #: 60E0610N3530007  
Payne County

Facility Carried: MCELROY (E0610)  
Feature Int.: MUD CREEK

2021-10-19  
E. Abutment

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 068



NBI #: 22712 Str #: 60E0610N3530007  
Payne County

Facility Carried: MCELROY (E0610)  
Feature Int.: MUD CREEK

2021-10-19  
W. Abutment



NBI #: 22712 Str #: 60E0610N3530007  
Payne County

Facility Carried: MCELROY (E0610)  
Feature Int.: MUD CREEK

2021-10-19  
W. Abutment

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 068



NBI #: 22712 Str #: 60E0610N3530007  
Payne County

Facility Carried: MCELROY (E0610)  
Feature Int.: MUD CREEK

2021-10-19  
BEAMS

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 29015	<b>Structure No.:</b> 60E0610N3540001	<b>Local ID:</b> 069 1	<b>Suff. Rating:</b> 100.00	<b>ND</b>
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<b>Bridge Description:</b> 55ft. DOUBLE TEE X 26ft.-4in. W, 30 SKEW LF W/ TR1 RAIL	<b>IDENTIFICATION</b>																				
<table style="width: 100%;"> <tr> <td style="width: 50%;">1. State: Oklahoma</td> <td style="width: 50%;">7. Facility Carried: E0610 MCELROY</td> </tr> <tr> <td>2. Division: Division 4</td> <td>6. Feat. Intersect: CREEK</td> </tr> <tr> <td>3. County: PAYNE</td> <td>9. Location: 1N .1E OF SH 51 IN YALE</td> </tr> <tr> <td>4. City: Unknown</td> <td>11. Mile Post: 0.100 mi</td> </tr> <tr> <td>Admin Area: Cnty. District 1</td> <td>13. LRS Inv. / Sub Rte: -1 / -1</td> </tr> <tr> <td>5a. On/Under: Route On Structure</td> <td>16. Latitude: 36° 07' 49.00"</td> </tr> <tr> <td>5b. Kind of Hwy: County Hwy</td> <td>17. Longitude: 096° 41' 43.00"</td> </tr> <tr> <td>5c. Lvl of Svc: Mainline</td> <td>98. Border Brdg: Unknown (P)</td> </tr> <tr> <td>5d. Route No.: E0610</td> <td>% Responsible: 0.00</td> </tr> <tr> <td>5e. Dir. Sufx: N/A (NBI)</td> <td>99. Border Brdg #: Unknown</td> </tr> </table>		1. State: Oklahoma	7. Facility Carried: E0610 MCELROY	2. Division: Division 4	6. Feat. Intersect: CREEK	3. County: PAYNE	9. Location: 1N .1E OF SH 51 IN YALE	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° 07' 49.00"	5b. Kind of Hwy: County Hwy	17. Longitude: 096° 41' 43.00"	5c. Lvl of Svc: Mainline	98. Border Brdg: Unknown (P)	5d. Route No.: E0610	% Responsible: 0.00	5e. Dir. Sufx: N/A (NBI)	99. Border Brdg #: Unknown
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<b>STRUCTURE TYPE AND MATERIALS</b>	<b>INSPECTION</b>																														
43a/b. Main Span: P/S Conc. / Tee Beam	<table style="width: 100%;"> <tr> <th>Type</th> <th>Insp. Req.</th> <th>Insp. Done</th> <th>Freq.</th> <th>Insp. Date</th> <th>Next Insp.</th> </tr> <tr> <td>NBI:</td> <td></td> <td>1</td> <td>24 months</td> <td>10/20/2021</td> <td>10/20/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </table>	Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	10/20/2021	10/20/2023	FC:	N	0		NA	NA	UW:	N	0		NA	NA	OS:	N	0		NA	NA
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FC:	N	0		NA	NA																										
UW:	N	0		NA	NA																										
OS:	N	0		NA	NA																										
44a/b. Appr. Span: N/A / Not Applicable (P)	<b>CLASSIFICATION</b>																														
45. # of Main Spans: 1	12. Base Hwy Net.: Not on Base Network																														
46. # of Appr. Spans: 0	20. Toll Facility: On free road																														
107. Deck Type: Concrete-Cast-in-Place	21. Custodian: County																														
108a. Wearing Surface: Monolithic Concrete	22. Owner: County																														
108b. Membrane: None	26. Function Class: 09 Rural Local																														
108c. Deck protection: None	37. Historical Sig.: Not eligible for NRHP																														
	100. Def. Hwy: Not a STRAHNET hwy																														

  

<b>AGE AND SERVICE</b>	<b>CONDITION</b>
19. Detour Length: 4.0 mi	58. Deck: 7 Good
27. Year Built: 2016	59. Sup.: 8 Very Good
28a/b. Lanes on/und: 2 / 0	60. Sub: 8 Very Good
29. ADT: 75	62. Culvert: N/A (NBI)
30. Year of ADT: 2019	61. Chan./Chan. Prot.: 8 Protected
42a/b. Type of Svc on/und: Highway / Waterway	<b>Flowline Notes</b>
	FL S TO TOP OF RAIL 12.5' + 17' FROM W ABUT

  

<b>GEOMETRIC DATA</b>	<b>LOAD RATING AND POSTING</b>						
10. Vert. Clearance: 99.99 ft	31. Design Load: MS 18 (HS 20)						
32. Appr Rwy Width: 26.00 ft	41. Post. Status: A Open, no restriction						
33. Median: No median	70. Posting: 5 At/Above Legal Loads						
34. Skew: 30.00°	63. Op / 65. Inv. Rating Meth.: 1 LF Load Factor / 1 LF Load Factor						
35. Struct. Flared: No flare	<table border="1" style="display: inline-table;"> <tr> <th>H</th> <th>HS</th> </tr> <tr> <td>53.00</td> <td>66.00</td> </tr> <tr> <td>32.00</td> <td>39.00</td> </tr> </table>	H	HS	53.00	66.00	32.00	39.00
H	HS						
53.00	66.00						
32.00	39.00						
47. Horizontal Clr: 26.50 ft	64. Operating Rating (tons):						
48. Length Max Span: 55.00 ft	66. Inventory Rating (tons):						
49. Struct. Length: 55.00 ft							

  

<b>OKLAHOMA ITEMS</b>	<b>APPRAISAL</b>
200c. Temperature: 65	36a. Brdg Rail: 1 Meets Standards
200d. Weather: Cloudy	36b. Transition: 1 Meets Standards
201. Struc.Stl. ASTM Desig.: -1 / -1	36c. Appr. Rail: 1 Meets Standards
202. Waterprf. Membrane: -1	36d. Appr. Rail Ends: 1 Meets Standard
Date Installed: 01/01/1901	67. Str Evaluation: 8 Equal Desirable
203. Type Exp. Device: Open Joint-No Device	68. Deck Geom.: 6 Equal Min Criteria
204. Type of Railing: TR-1	69. Vert./Horiz. Undclr: Not applicable (NB)
205. Material Quantity: -1.00	71. Waterway Adeq: 8 Equal Desirable
208a. Type of Abutment: Skeleton	72. Appr. Alignment: 8 Equal Desirable Crit
b. Type of Found.: Steel Piling	113. Scour Critical: 8 Stable Above Footin
209. Type of Pier/Found.: - / -	
210. Foundation Elev.: -1.00	<b>PROPOSED IMPROVEMENTS</b>
-1.00	94. Bridge Cost: \$333,000
-1.00	95. Roadway Cost: \$111,000
	96. Total Cost: \$555,000
	97. Yr. of Cost Est.: 2015
211. Wear. Surf. Prot. Sys: -	75. Type of Work: 31 Repl-Load Capacity
Date Installed: 01/01/1901	76. Lngth of Improvement: 60.5 ft
211c. Silane Reapplied: -	114. Future ADT: 120
211d. Date: -	115. Yr. of Future ADT: 2039
213. Utilities Attached: -	<b>NAVIGATION DATA</b>
	38. Nav. Control: Permit Not Required
	39. Vert. Clearance: 0.0 ft
	40. Horiz. Clearance: 0.0 ft
	111. Pier Protect.: Not Applicable (P)
	116. Lift Bridge Vert. Clr.: 0.0 ft

  

<b>OKLAHOMA ITEMS</b>	<b>NAVIGATION DATA</b>	<b>PROPOSED IMPROVEMENTS</b>
214a. Posted Weight Limit: NR	244. Span Lengths:	94. Bridge Cost: \$333,000
b. Posted Speed Limit: N	245. Girder Depth:	95. Roadway Cost: \$111,000
c. Narrow/1way Brdg Sign: No	246a. Type of Overlay: NA	96. Total Cost: \$555,000
d. Vertical Clr. Sign: No	b. Overlay Thickness:	97. Yr. of Cost Est.: 2015
e. Adv. Warning Sign: No	c. Overlay Date: 01/01/1901	75. Type of Work: 31 Repl-Load Capacity
e. Navigation Lights?: No	d. Ovlv Depth Changed >1": -	76. Lngth of Improvement: 60.5 ft
Working/Not Working: No	247. Protective Systems:	114. Future ADT: 120
215. Overpass: ACCO		115. Yr. of Future ADT: 2039
218. Functionally Obsolete: -		
220. Bridge Redecked: -		
221. Substr. Cond. (U/W): -		
222. Fill Over RCB: -		
223. Appr. Slab/Rwy Cond.: 2		
225. Paint Type/Ovrct: -		
226. Date Painted: -		
227. Paint Color: -		
233. Deck Forming: -		
238. School Bus Rte.: Current & Desired route		
240. Appr. Rwy Type: Gravel		
243. Grdr Spacing/No.: /		



**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 069



NBI #: 29015 Str #: 60E0610N3540001  
Payne County

Facility Carried: E0610 MCELROY  
Feature Int.: CREEK

2021-10-20  
Looking W



NBI #: 29015 Str #: 60E0610N3540001  
Payne County

Facility Carried: E0610 MCELROY  
Feature Int.: CREEK

2021-10-20  
Looking N



# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 25259	<b>Structure No.:</b> 60E0620N3510006	<b>Local ID:</b> 070 1	<b>Suff. Rating:</b> 96.50	<b>ND</b>																														
<b>Bridge Description:</b> 75ft. I-BEAM SPAN		<b>IDENTIFICATION</b>																																
1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0620 5e. Dir. Sufx: N/A (NBI)		7. Facility Carried : 6TH ST. (E0620) 6. Feat. Intersect: SALT CREEK 9. Location: 6TH STRIVERSIDE RD .6E 11. Mile Post: 0.600 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 06' 57.68" 17. Longitude: 096° 44' 21.95" 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>10/19/2021</td> <td>10/19/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>			Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	10/19/2021	10/19/2023	FC:	N	0		NA	NA	UW:	N	0		NA	NA	OS:	N	0		NA	NA
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19. Detour Length: 2.0 mi 27. Year Built: 1996 28a/b. Lanes on/und: 2 / 0 29. ADT: 25 30. Year of ADT: 2019 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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<b>OKLAHOMA ITEMS</b>		<b>LOAD RATING AND POSTING</b>																																
200c. Temperature: 60 200d. Weather: Ptty Cloudy 201. Struc.Stl. ASTM Desig.: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: Open Joint-No Device 204. Type of Railing: W-Beam 205. Material Quantity: -1.00 208a. Type of Abutment: Skeleton b. Type of Found.: Steel Piling 209. Type of Pier/Found.: - / - 210. Foundation Elev.: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>-1.00</td> <td>-1.00</td> <td>-1.00</td> </tr> <tr> <td>-1.00</td> <td>-1.00</td> <td>-1.00</td> </tr> </table> 211. Wear. Surf. Prot. Sys: Date Installed: 01/01/1901 211c. Silane Reapplied 211d. Date : 213. Utilities Attached: Communication		-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	31. Design Load: MS 18 (HS 20) 41. Post. Status: A Open, no restriction 70. Posting: 5 At/Above Legal Loads 63. Op / 65. Inv. Rating Meth.: 1 LF Load Factor / 1 LF Load Factor <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>H</th> <th>HS</th> <th>3-3</th> <th>EV3</th> <th>SHV</th> </tr> </thead> <tbody> <tr> <td>64. Operating Rating (tons):</td> <td>43.20</td> <td>57.10</td> <td></td> <td>53.20</td> <td>54.90</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>25.90</td> <td>34.30</td> <td></td> <td>31.90</td> <td></td> </tr> </tbody> </table> Date Rated: 11/20/2019 64. Operating Rating (tons): 66. Inventory Rating (tons):				H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	43.20	57.10		53.20	54.90	66. Inventory Rating (tons):	25.90	34.30		31.90							
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<b>OKLAHOMA ITEMS</b>		<b>PROPOSED IMPROVEMENTS</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 218. Functionally Obsolete: - 220. Bridge Redecked: - 221. Substr. Cond. (U/W): 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: Red Lead 3 Coat System N/A 226. Date Painted: 1996 227. Paint Color: Silver 233. Deck Forming: Perm. Metal Deck Form 238. School Bus Rte.: Current & Desired route 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: 44.00 /		94. Bridge Cost: \$273,000 95. Roadway Cost: \$150,000 96. Total Cost: \$436,000 97. Yr. of Cost Est.: 2015 75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 175.6 ft 114. Future ADT: 40 115. Yr. of Future ADT: 2039																																
<b>OKLAHOMA ITEMS</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: No Adv. Warning Sign: No e. Navigation Lights?: No Working/Not Working: No 215. Overpass: ACCO 218. Functionally Obsolete: - 220. Bridge Redecked: - 221. Substr. Cond. (U/W): 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: Red Lead 3 Coat System N/A 226. Date Painted: 1996 227. Paint Color: Silver 233. Deck Forming: Perm. Metal Deck Form 238. School Bus Rte.: Current & Desired route 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: 44.00 /		38. Nav. Control: Permit Not Required 39. Vert. Clearance: 0.0 ft 40. Horiz. Clearance: 0.0 ft 111. Pier Protect.: Not Applicable (P) 116. Lift Bridge Vert. Clr.: 0.0 ft 244. Span Lengths: 75 245. Girder Depth: 36.00 246a. Type of Overlay: NA b. Overlay Thickness: 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?: - 250. Headwall: 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> 25259	<b>Structure No.:</b> 60E0620N3510006	<b>Local ID:</b> 070 1	<b>Suff. Rating:</b> 96.50	<b>ND</b>
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Inspection Date: 10/19/21 Greg Wilson  
 Invoice No.: 2105-42 Inspected With: John Chandler



**BRIDGE NOTES:**

8 beams. 3 braces @ 1/4 points.

**INSPECTION NOTES:** 10/19/21

Bare metal piles.

**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	1,892.00	63%	1,192.00	37%	700.00	0%	0.00	0%	0.00
HAIRLINE TRANSVERSE AND MAP CRACKING											
107 / 1	Steel Opn Girder/Beam	ft	520.00	0%	0.00	100%	520.00	0%	0.00	0%	0.00
FX - Moderate to heavy surface rust on girders											
515 / 1	Steel Protective Coating	sq.ft	5,940.00	0%	0.00	0%	0.00	100%	5,940.00	0%	0.00
LIMITED EFFECTIVENESS											
219 / 1	Stl Abutment	ft	52.00	0%	0.00	100%	52.00	0%	0.00	0%	0.00
FX - Moderate to Heavy surface rust overall.											
225 / 1	Steel Pile	(EA)	21.00	0%	0.00	100%	21.00	0%	0.00	0%	0.00
FX - Moderate to Heavy surface rust. (11) WING PILE - SURFACE RUST.											
231 / 1	Steel Pier Cap	ft	56.00	0%	0.00	100%	56.00	0%	0.00	0%	0.00
FX - Moderate to heavy surface rust.											
330 / 1	Metal Bridge Railing	ft	151.00	93%	141.00	7%	10.00	0%	0.00	0%	0.00
FX - Galv. Flexbeam rail W/Minor damage on 2 areas on south rail.											
919 / 1	St.(Rail) Prot. Coat	(SF)	432.00	100%	432.00	0%	0.00	0%	0.00	0%	0.00
865 / 1	St.Open Gird End(5Ft)	(LF)	80.00	0%	0.00	100%	80.00	0%	0.00	0%	0.00
FX - Moderate to heavy surface rust											
871 / 1	Steel Wingwall	(EA)	4.00	0%	0.00	100%	4.00	0%	0.00	0%	0.00
MODERATE RUST											
890 / 1	Steel SIP Form	(LF)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
FX - SURFACE RUST											
958 / 1	Concrete Cracking SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
Widely scattered Hairline & Lite Cracking^ Mostly MAP Cracking.											

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 070



NBI #: 25259 Str #: 60E0620N3510006  
Payne County

Facility Carried: 6TH ST. (E0620)  
Feature Int.: SALT CREEK

2021-10-19  
Looking W



NBI #: 25259 Str #: 60E0620N3510006  
Payne County

Facility Carried: 6TH ST. (E0620)  
Feature Int.: SALT CREEK

2021-10-19  
Looking N

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 26976	<b>Structure No.:</b> 60E0622N3530007	<b>Local ID:</b> 070AA 1	<b>Suff. Rating:</b> 86.70	<b>ND</b>
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**Bridge Description:** IDENTIFICATION  
(12ft.-14ft.-12ft.)X14ft.X34ft. RCB

1. State: Oklahoma	7. Facility Carried : 15TH ST.
2. Division: Division 4	6. Feat. Intersect: MUD CREEK
3. County: PAYNE	9. Location: 15TH ST/NORFOLK RD .7E
4. City: YALE	11. Mile Post: 0.500 mi
Admin Area: Cnty. District 1	13. LRS Inv. / Sub Rte: -1 / -1
5a. On/Under: Route On Structure	16. Latitude: 36° 06' 50.78"
5b. Kind of Hwy: City Street	17. Longitude: 096° 42' 02.85"
5c. Lvl of Svc: Mainline	98. Border Brdg: Unknown (P)
5d. Route No.: E0622	% 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	10/19/2021	10/19/2023
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.:	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:	IRR-Indian Res Rd
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: Concrete / Culvert  
 44a/b. Appr. Span: N/A / Not Applicable (P)

45. # of Main Spans: 3  
 46. # of Appr. Spans: 0

107. Deck Type: Concrete-Cast-in-Place  
 108a. Wearing Surface: Monolithic Concrete  
 108b. Membrane: None  
 108c. Deck protection: None

**CONDITION**

58. Deck: N/A (NBI)	59. Sup.: N N/A (NBI)	60. Sub: N N/A (NBI)
62. Culvert: 6 Deterioration	61. Chan./Chan. Prot.:	7 Minor Damage

**Flowline Notes**

FLOWS N. TO S. THROUGH (2) E. CELL

**AGE AND SERVICE**

19. Detour Length: 1.0 mi	106. Year Reconst.: 0
27. Year Built: 1999	109. Truck ADT: 5%
28a/b. Lanes on/und: 2 / 0	
29. ADT: 150	
30. Year of ADT: 2019	
42a/b. Type of Svc on/und: Highway	/ Waterway

**LOAD RATING AND POSTING**

31. Design Load: MS 18 (HS 20) Date Rated: 11/18/2017

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

	H	HS	3-3	EV3	SHV
64. Operating Rating (tons):	23.00	41.00			
66. Inventory Rating (tons):	13.00	24.00			

**GEOMETRIC DATA**

10. Vert. Clearance: 99.99 ft	50a. Curb/Sdwk Width L: 0.00 ft
32. Appr Rwy Width: 26.20 ft	50b. Curb/Sdwk Width R: 4.00 ft
33. Median: No median	51. Width Curb to Curb: 29.10 ft
34. Skew: 0.00°	52. Width Out to Out: 36.10 ft
35. Struct. Flared: No flare	Deck Area: 1,444.00 sq. ft
47. Horizontal Clr: 30.00 ft	53. Min. Vert. Cl. Ovr Brg: 99.99 ft
48. Length Max Span: 14.00 ft	54a. Min. Vert. Undclr. Ref.: N Feature not hwy c
49. Struct. Length: 40.00 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: 1 Meets Standards	68. Deck Geom.: 6 Equal Min Criteria
36b. Transition: 0 Substandard	69. Vert./Horiz. Undclr: Not applicable (NB)
36c. Appr. Rail: 0 Substandard	71. Waterway Adeq: 8 Equal Desirable
36d. Appr. Rail Ends: 0 Substandard	72. Appr. Alignment: 8 Equal Desirable Crit
67. Str Evaluation: 6 Equal Min Criteria	113. Scour Critical: 8 Stable Above Footin

**OKLAHOMA ITEMS**

200c. Temperature: 67	214a. Posted Weight Limit: NR
200d. Weather: Ptly Cloudy	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: Open Joint-No Device	e. Navigation Lights?: No
	Working/Not Working: No
204. Type of Railing: TR-1	215. Overpass: ACCO
205. Material Quantity: -1.00	218. Functionally Obsolete: -
208a. Type of Abutment: Other	220. Bridge Redecked: -
b. Type of Found.: Bears on Natural Found.	221. Substr. Cond. (U/W): -
209. Type of Pier/Found.: - / -	222. Fill Over RCB: AG
	223. Appr. Slab/Rwy Cond.: 2
210. Foundation Elev.: -1.00	225. Paint Type/Ovrct: -
-1.00	226. Date Painted: -
-1.00	227. Paint Color: -
211. Wear. Surf. Prot. Sys: -	233. Deck Forming: Conventional Forming
Date Installed: 01/01/1901	238. School Bus Rte.: Current & Desired route
211c. Silane Reapplied: -	240. Appr. Rwy Type.: Concrete
211d. Date: -	243. Grdr Spacing/No.: /
213. Utilities Attached: -	

**PROPOSED IMPROVEMENTS**

94. Bridge Cost: \$100,000	75. Type of Work: 31 Repl-Load Capacity
95. Roadway Cost: \$75,000	76. Lngth of Improvement: 100.0 ft
96. Total Cost: \$225,000	114. Future ADT: 240
97. Yr. of Cost Est.: 2015	115. Yr. of Future ADT: 2039

**NAVIGATION DATA**

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

244. Span Lengths: 12 14 12

245. Girder Depth:

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: 34.00

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> 26976	<b>Structure No.:</b> 60E0622N3530007	<b>Local ID:</b> 070AA 1	<b>Suff. Rating:</b> 86.70	<b>ND</b>
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Inspection Date: 10/19/21 Greg Wilson

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Invoice No.: 2105-42 Inspected With: John Chandler



**BRIDGE NOTES:**

RCB

**INSPECTION NOTES:** 10/19/21

\* 12'-14'-12"x14"x34' RCB - City of Yale should have plans?  
NOTE, Structure has Concrete Curbed Street approaches.

**ELEMENT CONDITION STATE DATA**

Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4
<b>241 / 1</b>	Re Conc Culvert	ft	109.00	82%	89.00	18%	20.00	0%	0.00	0%	0.00
Sctd. lite cracking of mostly exterior walls. - 1-2 ft. silt in West Bbl. Lite Debris in N.Opening^ Center Bbl. TOP WEARING SURFACE WITH (2) LONGITUDE CRACKING UP TO 1/8in.											
<b>331 / 1</b>	Re Conc Bridge Railing	ft	80.00	88%	70.00	13%	10.00	0%	0.00	0%	0.00
Scattered hairline Vertical Cracking visible. South rail is behind 4 ft. sidewalk.											
<b>870 / 1</b>	Concrete Wingwall	(EA)	4.00	50%	2.00	50%	2.00	0%	0.00	0%	0.00
SOUTHEAST AND NORTHEAST WINGS 1/16in. DIAGONAL CRACKS											
<b>965 / 1</b>	Debris SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
FX - Mod debris on north side											

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 070AA



NBI #: 26976 Str #: 60E0622N3530007  
Payne County

Facility Carried: 15TH ST.  
Feature Int.: MUD CREEK

2021-10-19  
Looking W



NBI #: 26976 Str #: 60E0622N3530007  
Payne County

Facility Carried: 15TH ST.  
Feature Int.: MUD CREEK

2021-10-19  
Looking S

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 28806	<b>Structure No.:</b> 60E0624N3530008	<b>Local ID:</b> 070C 1	<b>Suff. Rating:</b> 61.10	<b>FO</b>
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<p><b>Bridge Description:</b> 32ft. I BEAM SPAN, SK60LF</p> <p><b>IDENTIFICATION</b></p> <p>1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 4. City: YALE Admin Area: Cnty. District 1 5a. On/Under: Route On Structure 5b. Kind of Hwy: City Street 5c. Lvl of Svc: Mainline 5d. Route No.: E0624 5e. Dir. Sufx: N/A (NBI)</p> <p>7. Facility Carried : DALLAS AVE. 6. Feat. Intersect: MUD CREEK 9. Location: .2W OF 'C' ST. 11. Mile Post: 0.800 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 06' 38.96" 17. Longitude: 096° 41' 58.10" 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>10/19/2021</td> <td>10/19/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table> <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	10/19/2021	10/19/2023	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: Concrete-Cast-in-Place 108a. Wearing Surface: Bituminous 108b. Membrane: None 108c. Deck protection: None</p>	<p style="text-align: center;"><b>CONDITION</b></p> <p>58. Deck: 5 Fair 62. Culvert: N/A (NBI) <b>Flowline Notes</b> SOUTH TOC TO FL 16.3' +16' FROM WEST ABUT</p> <p>59. Sup.: 6 Satisfactory 60. Sub: 5 Fair 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: 0.5 mi 27. Year Built: 1930 28a/b. Lanes on/und: 2 / 0 29. ADT: 200 30. Year of ADT: 2019 42a/b. Type of Svc on/und: Highway / Waterway</p> <p>106. Year Reconst.: 0 109. 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.: 3 LRFR Load &amp; Res. Fa 3 LRFR Load &amp; Res. Fa</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>34.00</td> <td>52.00</td> <td></td> <td>43.00</td> <td>47.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>20.00</td> <td>31.00</td> <td></td> <td>26.00</td> <td></td> </tr> </tbody> </table> <p style="text-align: right;">Date Rated: 01/04/2022</p>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	34.00	52.00		43.00	47.00	66. Inventory Rating (tons):	20.00	31.00		26.00	
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66. Inventory Rating (tons):	20.00	31.00		26.00															

<p style="text-align: center;"><b>GEOMETRIC DATA</b></p> <p>10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 17.00 ft 33. Median: No median 34. Skew: 30.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 16.90 ft 48. Length Max Span: 32.00 ft 49. Struct. Length: 32.00 ft</p> <p>50a. Curb/Sdwk Width L: 1.00 ft 50b. Curb/Sdwk Width R: 1.00 ft 51. Width Curb to Curb: 16.90 ft 52. Width Out to Out: 17.90 ft Deck Area: 572.83 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: 5 Above Min Toler</p> <p>68. Deck Geom.: 2 Intolerable - Replace 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 7 Above Minimum 72. Appr. Alignment: 4 Minimum Tolerable 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: 66 200d. Weather: Ptly Cloudy 201. Struc. Stl. ASTM Desig.: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: Open Joint-No Device 204. Type of Railing: Metal Railing (other) 205. Material Quantity: -1.00 208a. Type of Abutment: Pedestal b. Type of Found.: Bears on Natural Found. 209. Type of Pier/Found.: - / - 210. Foundation Elev.: -1.00    -1.00 -1.00    -1.00    -1.00 211. Wear. Surf. Prot. Sys: - Date Installed: 01/01/1901 211c. Silane Reapplied 211d. Date : 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 218. Functionally Obsolete : FO 220. Bridge Redecked : - 221. Substr. Cond. (U/W): - 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: - 226. Date Painted: - 227. Paint Color: - 233. Deck Forming: Conventional Forming 238. School Bus Rte.: Current bus route 240. Appr. Rwy Type.: Asphalt/Bituminous 243. Grdr Spacing/No.: /</p>
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<p style="text-align: center;"><b>PROPOSED IMPROVEMENTS</b></p> <p>94. Bridge Cost: \$80,000 95. Roadway Cost: \$40,000 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: 35.2 ft 114. Future ADT: 320 115. Yr. of Future ADT: 2039</p>	<p style="text-align: center;"><b>NAVIGATION DATA</b></p> <p>38. Nav. Control: NA-no waterway 39. Vert. Clearance: 0.0 ft 40. Horiz. Clearance: 0.0 ft</p> <p>111. Pier Protect.: Not Applicable (P) 116. Lift Bridge Vert. Clr.: 0.0 ft</p>
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<p>244. Span Lengths: 245. Girder Depth: 246a. Type of Overlay: Chipseal b. Overlay Thickness: 1.00 c. Overlay Date: 01/01/1930 d. Ovlv Depth Changed &gt;1": - 247. Protective Systems: 248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: - 250. Headwall: 258. Plans w/Found.in ODOT File: - 259. Scour Eval. in ODOT File: - 263. Interchange at Intersection: - 264. Interstate Milepoint:</p>
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**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 070C



NBI #: 28806 Str #: 60E0624N3530008  
Payne County

Facility Carried: DALLAS AVE.  
Feature Int.: MUD CREEK

2021-10-19  
Looking E.



NBI #: 28806 Str #: 60E0624N3530008  
Payne County

Facility Carried: DALLAS AVE.  
Feature Int.: MUD CREEK

2021-10-19  
SW Corner

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 070C



NBI #: 28806 Str #: 60E0624N3530008  
Payne County

Facility Carried: DALLAS CREEK  
Feature Int.: MUD CREEK

2021-10-19  
NW Corner



NBI #: 28806 Str #: 60E0624N3530006  
Payne County

Facility Carried: DALLAS AVE.  
Feature Int.: MUD CREEK

2021-10-19  
N.Rail

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 070C



NBI #: 28806 Str #: 60E0624N3530008  
Payne County

Facility Carried: DALLAS AVE.  
Feature Int.: MUD CREEK

2021-10-19  
Looking N.



NBI #: 28806 Str #: 60E0624N3530008  
Payne County

Facility Carried: DALLAS AVE.  
Feature Int.: MUD CREEK

2021-10-19  
E. Abutment

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 070C



NBI #: 28806 Str #: 60E0624N3530008  
Payne County

Facility Carried: DALLAS AVE.  
Feature Int.: MUD CREEK

2021-10-19  
Soffit

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 24659	<b>Structure No.:</b> 60E0630N3360004	<b>Local ID:</b> 073 1	<b>Suff. Rating:</b> 96.90	<b>ND</b>
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**Bridge Description:** IDENTIFICATION  
40ft.-70ft.-40ft. P.C. BEAM SPAN. SK60LF

1. State: Oklahoma	7. Facility Carried : 19TH ST.
2. Division: Division 4	6. Feat. Intersect: BRUSH CREEK
3. County: PAYNE	9. Location: 19TH ST/BRUSH CRK .4E
4. City: Unknown	11. Mile Post: 0.400 mi
Admin Area: Cnty. District 1	13. LRS Inv. / Sub Rte: -1 / -1
5a. On/Under: Route On Structure	16. Latitude: 36° 06' 05.80"
5b. Kind of Hwy: County Hwy	17. Longitude: 097° 00' 34.47"
5c. Lvl of Svc: Mainline	98. Border Brdg: Unknown (P)
5d. Route No.: E0630	% 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	10/5/2021	10/05/2023
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.: 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	

**STRUCTURE TYPE AND MATERIALS**

43a/b. Main Span: P/S Conc. / Stringer/Girder  
44a/b. Appr. Span: N/A / Not Applicable (P)

45. # of Main Spans: 3  
46. # of Appr. Spans: 0

107. Deck Type: Concrete-Cast-in-Place  
108a. Wearing Surface: Monolithic Concrete  
108b. Membrane: None  
108c. Deck protection: None

**CONDITION**

58. Deck: 6 Satisfactory | 59. Sup.: 7 Good | 60. Sub: 7 Good  
62. Culvert: N/A (NBI) | 61. Chan./Chan. Prot.: 6 Bank Slumping

**Flowline Notes**

S TO TOR FL 30.5' + 74' FROM W ABUT

**AGE AND SERVICE**

19. Detour Length: 4.0 mi | 106. Year Reconst.: 0  
27. Year Built: 1995 | 109. Truck ADT: 10%

28a/b. Lanes on/und: 2 / 0  
29. ADT: 250  
30. Year of ADT: 2019

42a/b. Type of Svc on/und: Highway / Waterway

**LOAD RATING AND POSTING**

31. Design Load: MS 18 (HS 20) | Date Rated: 10/24/2013  
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

	<b>H</b>	<b>HS</b>	<b>3-3</b>	<b>EV3</b>	<b>SHV</b>
64. Operating Rating (tons):	45.00	54.00			
66. Inventory Rating (tons):	27.00	32.00			

**GEOMETRIC DATA**

10. Vert. Clearance: 99.99 ft	50a. Curb/Sdwk Width L: 0.00 ft
32. Appr Rwy Width: 23.95 ft	50b. Curb/Sdwk Width R: 0.00 ft
33. Median: No median	51. Width Curb to Curb: 26.90 ft
34. Skew: 30.00°	52. Width Out to Out: 28.87 ft
35. Struct. Flared: No flare	Deck Area: 4,414.06 sq. ft
47. Horizontal Clr: 26.90 ft	53. Min. Vert. Cl. Ovr Brg: 99.99 ft
48. Length Max Span: 69.88 ft	54a. Min. Vert. Undclr. Ref.: N Feature not hwy c
49. Struct. Length: 152.89 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: 1 Meets Standards	68. Deck Geom.: 5 Above Tolerable
36b. Transition: 1 Meets Standards	69. Vert./Horiz. Undclr: Not applicable (NB)
36c. Appr. Rail: 1 Meets Standards	71. Waterway Adeq: 8 Equal Desirable
36d. Appr. Rail Ends: 1 Meets Standard	72. Appr. Alignment: 8 Equal Desirable Crit
67. Str Evaluation: 7 Above Min Criteri	113. Scour Critical: 8 Stable Above Footin

**OKLAHOMA ITEMS**

200c. Temperature: 70	214a. Posted Weight Limit: NR
200d. Weather: Ptly Cloudy	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: Elastomeric Strip Seal	e. Navigation Lights?: No
	Working/Not Working: No
204. Type of Railing: TR-1	215. Overpass: ACCO
205. Material Quantity: -1.00	218. Functionally Obsolete: -
208a. Type of Abutment: Skeleton	220. Bridge Redecked: -
b. Type of Found.: Steel Piling	221. Substr. Cond. (U/W): -
209. Type of Pier/Found.: 2 / No	222. Fill Over RCB: -
Drilled Shaft-No Footing	223. Appr. Slab/Rwy Cond.: 3
210. Foundation Elev.: 8,386.00   8,236.00	225. Paint Type/Ovrct: -
8,324.00   8,368.00   -1.00	N/A
211. Wear. Surf. Prot. Sys: None	226. Date Painted: -
Date Installed: 01/01/1901	227. Paint Color: -
211c. Silane Reapplied	233. Deck Forming: Conventional Forming
211d. Date: -	238. School Bus Rte.: Current & Desired route
213. Utilities Attached: Communication	240. Appr. Rwy Type: Gravel
	243. Grdr Spacing/No.: /

**PROPOSED IMPROVEMENTS**

94. Bridge Cost: \$398,000	75. Type of Work: 31 Repl-Load Capacity
95. Roadway Cost: \$219,000	76. Lngth of Improvement: 255.9 ft
96. Total Cost: \$618,000	114. Future ADT: 400
97. Yr. of Cost Est.: 2015	115. Yr. of Future ADT: 2039

**NAVIGATION DATA**

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

244. Span Lengths: 40 70 40

245. Girder Depth: -  
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: -  
258. Plans w/Found.in ODOT File: -  
259. Scour Eval. in ODOT File: -  
263. Interchange at Intersection: -  
264. Interstate Milepoint: -1.00



**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 073



NBI #: 24659 Str #: 60E0630N3360004  
Payne County

Facility Carried: 19TH ST.  
Feature Int.: BRUSH CREEK

2021-10-05  
Looking W



NBI #: 24659 Str #: 60E0630N3360004  
Payne County

Facility Carried: 19TH ST.  
Feature Int.: BRUSH CREEK

2021-10-05  
Looking S

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 27038	<b>Structure No.:</b> 60E0630N3360009	<b>Local ID:</b> 073A 1	<b>Suff. Rating:</b> 97.00	<b>ND</b>																														
<b>Bridge Description:</b> 25ft. I-BEAM SPAN		<b>IDENTIFICATION</b>																																
1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0630 5e. Dir. Sufx: N/A (NBI)		7. Facility Carried : E0630 6. Feat. Intersect: BRUSH CREEK 9. Location: 19TH ST/BRUSH CRK .9E 11. Mile Post: 0.900 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 06' 06.02" 17. Longitude: 096° 59' 58.44" 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>10/5/2021</td> <td>10/05/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>			Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	10/5/2021	10/05/2023	FC:	N	0		NA	NA	UW:	N	0		NA	NA	OS:	N	0		NA	NA
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OS:	N	0		NA	NA																													
<b>AGE AND SERVICE</b>		<b>CLASSIFICATION</b>																																
19. Detour Length: 4.0 mi 27. Year Built: 2001 28a/b. Lanes on/und: 2 / 0 29. ADT: 100 30. Year of ADT: 2019 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: 19.70 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 25.40 ft 48. Length Max Span: 24.40 ft 49. Struct. Length: 25.30 ft		58. Deck: 6 Satisfactory 62. Culvert: N/A (NBI) 59. Sup.: 6 Satisfactory 61. Chan./Chan. Prot.: 7 Minor Damage <b>Flowline Notes</b> S TO TOD FL 14.8' + 7' FROM W ABUT																																
<b>OKLAHOMA ITEMS</b>		<b>LOAD RATING AND POSTING</b>																																
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**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 073A



NBI #: 27038 Str #: 60E0630N3360009  
Payne County

Facility Carried: E0630  
Feature Int.: BRUSH CREEK

2021-10-05  
Looking E



NBI #: 27038 Str #: 60E0630N3360009  
Payne County

Facility Carried: E0630  
Feature Int.: BRUSH CREEK

2021-10-05  
Looking N

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 28356	<b>Structure No.:</b> 60E0630N3400003	<b>Local ID:</b> 075 1	<b>Suff. Rating:</b> 86.00	<b>ND</b>
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<b>Bridge Description:</b> <div style="border: 1px solid black; padding: 2px;">53ft. I-BEAM SPAN</div> <p>1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0630 5e. Dir. Sufx: N/A (NBI)</p> <p>7. Facility Carried : 19TH ST. 6. Feat. Intersect: LITTLE STILLWATER CREEK 9. Location: 4MI.N&amp;.3E OF MEHAN 11. Mile Post: 0.300 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 06' 07.37" 17. Longitude: 096° 56' 18.34" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown</p>	<b>INSPECTION</b> <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>10/5/2021</td> <td>10/05/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>	Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	10/5/2021	10/05/2023	FC:	N	0		NA	NA	UW:	N	0		NA	NA	OS:	N	0		NA	NA
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FC:	N	0		NA	NA																										
UW:	N	0		NA	NA																										
OS:	N	0		NA	NA																										

  

<b>STRUCTURE TYPE AND MATERIALS</b> <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: Bituminous 108b. Membrane: None 108c. Deck protection: None</p>	<b>CLASSIFICATION</b> <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.: Not Applicable (P) 104. Hwy System: Not on NHS 105. Fed Land Hwy: N/A (NBI) 110. Defense Hwy: Not a STRAHNET hwy 112. NBIS Length: Long Enough</p>
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<b>AGE AND SERVICE</b> <p>19. Detour Length: 4.0 mi 27. Year Built: 2003 28a/b. Lanes on/und: 2 / 0 29. ADT: 50 30. Year of ADT: 2019 42a/b. Type of Svc on/und: Highway / Waterway</p>	<b>CONDITION</b> <p>58. Deck: 6 Satisfactory 62. Culvert: N/A (NBI) 59. Sup.: 6 Satisfactory 61. Chan./Chan. Prot.: 6 Bank Slumping 60. Sub: 5 Fair</p> <p><b>Flowline Notes</b>  <div style="border: 1px solid black; padding: 2px;">S TO TOD 22.9' + 30' FROM W ABUT</div></p>
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<b>GEOMETRIC DATA</b> <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: 25.40 ft 48. Length Max Span: 52.00 ft 49. Struct. Length: 54.20 ft</p>	<p>106. Year Reconst.: 0 109. Truck ADT: 10%</p> <p>50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 25.40 ft 52. Width Out to Out: 26.00 ft Deck Area: 1,409.22 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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<b>OKLAHOMA ITEMS</b> <p>200c. Temperature: 76 200d. Weather: Ptly Cloudy 201. Struc. Stl. ASTM Desig.: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: Open Joint-No Device 204. Type of Railing: W-Beam 205. Material Quantity: -1.00 208a. Type of Abutment: Skeleton b. Type of Found.: Steel Piling 209. Type of Pier/Found.: - / - 210. Foundation Elev.:  <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">-1.00</td> <td style="width: 33%;">-1.00</td> <td style="width: 33%;">-1.00</td> </tr> <tr> <td>-1.00</td> <td>-1.00</td> <td>-1.00</td> </tr> </table> 211. Wear. Surf. Prot. Sys.: Date Installed: 01/01/1901 211c. Silane Reapplied 211d. Date : 213. Utilities Attached:</p>	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	<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?: NA Working/Not Working: NA 215. Overpass: ACCO 218. Functionally Obsolete : - 220. Bridge Redecked : - 221. Substr. Cond. (U/W): - 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 2 225. Paint Type/Ovrct: - N/A 226. Date Painted: 227. Paint Color: - 233. Deck Forming: Perm. Metal Deck Form 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Asphalt/Bituminous 243. Grdr Spacing/No.: /</p>
-1.00	-1.00	-1.00					
-1.00	-1.00	-1.00					

  

<b>LOAD RATING AND POSTING</b> <p>31. Design Load: MS 18 (HS 20) 41. Post. Status: A Open, no restriction 70. Posting: 5 At/Above Legal Loads 63. Op / 65. Inv. Rating Meth.: 1 LF Load Factor / 1 LF Load Factor</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>114.00</td> <td>144.00</td> <td></td> <td>130.00</td> <td>136.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>68.00</td> <td>86.00</td> <td></td> <td>78.00</td> <td></td> </tr> </tbody> </table>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	114.00	144.00		130.00	136.00	66. Inventory Rating (tons):	68.00	86.00		78.00		<b>APPRAISAL</b> <p>36a. Brdg Rail: 0 Substandard 36b. Transition: 0 Substandard 36c. Appr. Rail: 0 Substandard 36d. Appr. Rail Ends: 0 Substandard 67. Str Evaluation: 5 Above Min Toler</p> <p>68. Deck Geom.: 6 Equal 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: 8 Stable Above Footin</p>
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66. Inventory Rating (tons):	68.00	86.00		78.00															

  

<b>PROPOSED IMPROVEMENTS</b> <p>94. Bridge Cost: \$179,228 95. Roadway Cost: \$89,614 96. Total Cost: \$286,764 97. Yr. of Cost Est.: 2015</p>	<p>75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 63.6 ft 114. Future ADT: 80 115. Yr. of Future ADT: 2039</p>
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<b>NAVIGATION DATA</b> <p>38. Nav. Control: Permit Not Required 39. Vert. Clearance: 0.0 ft 40. Horiz. Clearance: 0.0 ft</p>	<p>111. Pier Protect.: Not Applicable (P) 116. Lift Bridge Vert. Clr.: 0.0 ft</p>
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<p>244. Span Lengths: 245. Girder Depth: 246a. Type of Overlay: Chipseal b. Overlay Thickness: 1.00 c. Overlay Date: 05/02/2006 d. Ovlv Depth Changed &gt;1": N 247. Protective Systems:  <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; height: 20px;"></td> <td style="width: 50%; height: 20px;"></td> </tr> <tr> <td style="width: 50%; height: 20px;"></td> <td style="width: 50%; height: 20px;"></td> </tr> </table> </p>					<p>248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: - 250. Headwall: 258. Plans w/Found.in ODOT File: - 259. Scour Eval. in ODOT File: - 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00</p>

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 28356	<b>Structure No.:</b> 60E0630N3400003	<b>Local ID:</b> 075 1	<b>Suff. Rating:</b> 86.00	<b>ND</b>
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Inspection Date: 10/5/21 Greg Wilson

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Invoice No.: 2105-42 Inspected With: John Chandler



**BRIDGE NOTES:**

9 Beams. 2 Braces @ 1/3 points.

**INSPECTION NOTES:** 10/5/21

**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	1,377.00	0%	0.00	100%	1,377.00	0%	0.00	0%	0.00
FX - Chip Seal Overlay. = 23 ft. width. Bare near rails. Lite & hairline cracks visible near rail.											
510 / 1	Wearing Surfaces	sq.ft	1,246.00	0%	0.00	0%	0.00	100%	1,246.00	0%	0.00
Chip Seal Overlay^ = 23 ft. width. Bare near rails. Lite & hairline cracks visible near rail. Thin and patched. - ENDS BREAKING LOOSE											
107 / 1	Steel Opn Girder/Beam	ft	398.00	0%	0.00	100%	398.00	0%	0.00	0%	0.00
FX - Some minor pitting on top flanges. Mod. to Heavy rust overall - rusty bottom flanges @ all beams.											
515 / 1	Steel Protective Coating	sq.ft	4,722.00	0%	0.00	100%	4,722.00	0%	0.00	0%	0.00
SUBSTANTIALLY EFFECTIVE											
219 / 1	Stl Abutment	ft	52.00	0%	0.00	62%	32.00	38%	20.00	0%	0.00
FX - MODERATE RUST - LIGHT EXFOLIATION BOTTOM OF BOTH ABUTMENT											
225 / 1	Steel Pile	(EA)	20.00	0%	0.00	100%	20.00	0%	0.00	0%	0.00
FX - Minor pitting on lower three feet of East Abut H beam piles. - West Abut. piles have lite to Moderate rust. (10) WING PILE - SURFACE RUST.											
231 / 1	Steel Pier Cap	ft	56.00	0%	0.00	100%	56.00	0%	0.00	0%	0.00
FX - Lite to Moderate rust has formed or is forming.											
330 / 1	Metal Bridge Railing	ft	108.00	0%	0.00	100%	108.00	0%	0.00	0%	0.00
919 / 1	St.(Rail) Prot. Coat	(SF)	309.00	100%	309.00	0%	0.00	0%	0.00	0%	0.00
865 / 1	St.Open Gird End(5Ft)	(LF)	90.00	0%	0.00	100%	90.00	0%	0.00	0%	0.00
FX - Rusty Bottom Flanges & Spotted.											
871 / 1	Steel Wingwall	(EA)	4.00	0%	0.00	100%	4.00	0%	0.00	0%	0.00
RUST											
890 / 1	Steel SIP Form	(LF)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
FX - Surface rust											
963 / 1	Steel Section Loss SF	(EA)	1.00	100%	1.00	0%	0.00	0%	0.00	0%	0.00
MINOR EXFOLIATION BOTTOM OF BOTH ABUTMENTS											

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 075



NBI #: 28356 Str #: 60E0630N3400003  
Payne County

Facility Carried: 19TH ST.  
Feature Int.: LITTLE STILLWATER CREEK

2021-10-05  
Looking W



NBI #: 28356 Str #: 60E0630N3400003  
Payne County

Facility Carried: 19TH ST.  
Feature Int.: LITTLE STILLWATER CREEK

2021-10-05  
Looking S

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 075



NBI #: 28356 Str #: 60E0630N3400003  
Payne County

Facility Carried: 19TH ST.  
Feature Int.: LITTLE STILLWATER CREEK

2021-10-05  
W. Abutment

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 29658	<b>Structure No.:</b> 60E0630N3400005	<b>Local ID:</b> 075A 1	<b>Suff. Rating:</b> 97.00	<b>ND</b>
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<p><b>Bridge Description:</b> 20 FT I-BEAM SPAN</p> <p><b>IDENTIFICATION</b></p> <p>1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0630 5e. Dir. Sufx: N/A (NBI)</p> <p>7. Facility Carried : E0630 6. Feat. Intersect: STILLWATER CREEK TRIB. 9. Location: 1S OF SH51 &amp; 1.5W SH108 11. Mile Post: 0.500 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 06' 07.00" 17. Longitude: 096° 56' 06.00" 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>10/5/2021</td> <td>10/05/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table> <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	10/5/2021	10/05/2023	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: Concrete-Cast-in-Place 108a. Wearing Surface: Bituminous 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> S TO TOR FL 12.2' + 10' FROM W ABUT</p> <p>59. Sup.: 6 Satisfactory 61. Chan./Chan. Prot.: 7 Minor Damage 60. Sub: 6 Satisfactory</p>
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<p style="text-align: center;"><b>AGE AND SERVICE</b></p> <p>19. Detour Length: 4.0 mi 27. Year Built: 2006 28a/b. Lanes on/und: 2 / 0 29. ADT: 100 30. Year of ADT: 2019 42a/b. Type of Svc on/und: Highway / Waterway</p> <p>106. Year Reconst.: 0 109. Truck ADT: 10%</p>	<p style="text-align: center;"><b>LOAD RATING AND POSTING</b></p> <p>31. Design Load: MS 18 (HS 20) 41. Post. Status: A Open, no restriction 70. Posting: 5 At/Above Legal Loads 63. Op / 65. Inv. Rating Meth.: 1 LF Load Factor / 1 LF Load Factor Date Rated: 01/05/2022</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>56.00</td> <td>100.00</td> <td></td> <td>77.00</td> <td>101.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>33.00</td> <td>60.00</td> <td></td> <td>46.00</td> <td></td> </tr> </tbody> </table>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	56.00	100.00		77.00	101.00	66. Inventory Rating (tons):	33.00	60.00		46.00	
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<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 218. Functionally Obsolete: - 220. Bridge Redecked: - 221. Substr. Cond. (U/W): - 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 2 225. Paint Type/Ovrct: - 226. Date Painted: 227. Paint Color: 233. Deck Forming: Perm. Metal Deck Form 238. School Bus Rte.: Current &amp; Desired route 240. Appr. Rwy Type.: Asphalt/Bituminous 243. Grdr Spacing/No.: /</p>	<p>244. Span Lengths: 245. Girder Depth: 246a. Type of Overlay: Chipseal b. Overlay Thickness: 1.00 c. Overlay Date: 01/01/2006 d. Ovlv Depth Changed &gt;1": N 247. Protective Systems: 248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: - 250. Headwall: 258. Plans w/ Found. in ODOT File: - 259. Scour Eval. in ODOT File: - 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00</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 218. Functionally Obsolete: - 220. Bridge Redecked: - 221. Substr. Cond. (U/W): - 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 2 225. Paint Type/Ovrct: - 226. Date Painted: 227. Paint Color: 233. Deck Forming: Perm. Metal Deck Form 238. School Bus Rte.: Current &amp; Desired route 240. Appr. Rwy Type.: Asphalt/Bituminous 243. Grdr Spacing/No.: /</p>
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**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 075A



NBI #: 29658 Str #: 60E0630N3400005  
Payne County

Facility Carried: E0630  
Feature Int.: STILLWATER CREEK TRIB.

2021-10-05  
Looking W



NBI #: 29658 Str #: 60E0630N3400005  
Payne County

Facility Carried: E0630  
Feature Int.: STILLWATER CREEK TRIB.

2021-10-05  
Looking N

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 00801	<b>Structure No.:</b> 60E0630N3410003	<b>Local ID:</b> 076 1	<b>Suff. Rating:</b> 32.90	<b>FO</b>
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<p><b>Bridge Description:</b> IDENTIFICATION</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">25ft. I-BEAM SPAN, TEMP PIPES</div> <p>1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0630 5e. Dir. Sufx: N/A (NBI)</p> <p>7. Facility Carried : 19TH STREET 6. Feat. Intersect: CREEK 9. Location: .3E OF ROSE ROAD 11. Mile Post: 0.300 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 06' 07.78" 17. Longitude: 096° 55' 14.96" 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>10/5/2021</td> <td>10/05/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table> <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	10/5/2021	10/05/2023	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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<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: Gravel 108b. Membrane: None 108c. Deck protection: None</p>	<p style="text-align: center;"><b>CONDITION</b></p> <p>58. Deck: 0 Failed 59. Sup.: 0 Failed 60. Sub: 0 Failed 62. Culvert: N/A (NBI) 61. Chan./Chan. Prot.: 6 Bank Slumping</p> <p><b>Flowline Notes</b></p>
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<p style="text-align: center;"><b>AGE AND SERVICE</b></p> <p>19. Detour Length: 4.0 mi 27. Year Built: 1920 28a/b. Lanes on/und: 2 / 0 29. ADT: 50 30. Year of ADT: 2019 42a/b. Type of Svc on/und: Highway / Waterway</p> <p>106. Year Reconst.: 0 109. Truck ADT: 10%</p>	<p style="text-align: center;"><b>LOAD RATING AND POSTING</b></p> <p>31. Design Load: M 9 (H 10) 41. Post. Status: E Open, temp struct 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;"> <tr> <td style="text-align: center;">H</td> <td style="text-align: center;">HS</td> <td style="text-align: center;">3-3</td> <td style="text-align: center;">EV3</td> <td style="text-align: center;">SHV</td> </tr> <tr> <td style="text-align: center;">0.00</td> <td style="text-align: center;">0.00</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">0.00</td> <td style="text-align: center;">0.00</td> <td></td> <td></td> <td></td> </tr> </table> <p>64. Operating Rating (tons): 66. Inventory Rating (tons):</p>	H	HS	3-3	EV3	SHV	0.00	0.00				0.00	0.00			
H	HS	3-3	EV3	SHV												
0.00	0.00															
0.00	0.00															

<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: 19.50 ft 48. Length Max Span: 22.00 ft 49. Struct. Length: 24.90 ft</p> <p>50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 19.50 ft 52. Width Out to Out: 19.70 ft Deck Area: 495.14 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.: 4 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</p>
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<p style="text-align: center;"><b>OKLAHOMA ITEMS</b></p> <p>200c. Temperature: 79 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: -1.00 208a. Type of Abutment: Timber Bulkhead b. Type of Found.: Timber Piling 209. Type of Pier/Found.: / - 210. Foundation Elev.: -1.00    -1.00 -1.00    -1.00    -1.00 211. Wear. Surf. Prot. Sys: None Date Installed: 01/01/1901 211c. Silane Reapplied 211d. Date: 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 218. Functionally Obsolete: FO 220. Bridge Redecked: - 221. Substr. Cond. (U/W): 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 3 225. Paint Type/Ovrct: Red Lead 3 Coat System N/A 226. Date Painted: 1920 227. Paint Color: Silver 233. Deck Forming: 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: 24.00 /</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: 80 115. Yr. of Future ADT: 2039</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: 24</p> <p>245. Girder Depth: 15.00 246a. Type of Overlay: Soil b. Overlay Thickness: 3.00 c. Overlay Date: 01/01/1901 d. Ovlv Depth Changed &gt;1": N</p> <p>247. Protective Systems:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; height: 20px;"></td> <td style="width: 50%; height: 20px;"></td> </tr> <tr> <td style="width: 50%; height: 20px;"></td> <td style="width: 50%; height: 20px;"></td> </tr> </table> <p>248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: No 250. Headwall: 258. Plans w/Found. in ODOT File: - 259. Scour Eval. in ODOT File: - 263. Interchange at Intersection: - 264. Interstate Milepoint:</p>				



**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 076



NBI #: 00801 Str #: 60E0630N3410003  
Payne County

Facility Carried: 19TH ST.  
Feature Int.: CREEK

2021-10-05  
Looking N



NBI #: 00801 Str #: 60E0630N3410003  
Payne County

Facility Carried: 19TH ST.  
Feature Int.: CREEK

2021-10-05  
Looking N

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 26805	<b>Structure No.:</b> 60E0630N3460008	<b>Local ID:</b> 078 1	<b>Suff. Rating:</b> 97.00	<b>ND</b>																														
<b>Bridge Description:</b> 50ft. I-BEAM SPAN		<b>IDENTIFICATION</b>																																
1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0630 5e. Dir. Sufx: N/A (NBI)		7. Facility Carried : 19TH ST. 6. Feat. Intersect: CREEK 9. Location: 19THSTBRETHEREN RD.8E 11. Mile Post: NA 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 06' 03.82" 17. Longitude: 096° 49' 22.67" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown																																
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<b>AGE AND SERVICE</b>		<b>CLASSIFICATION</b>																																
19. Detour Length: 4.1 mi 27. Year Built: 2001 28a/b. Lanes on/und: 2 / 0 29. ADT: 40 30. Year of ADT: 2019 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 101. Parallel Str.: No    bridge exists 102. Traffic Dir.: 2-way traffic 103. Temp. Str.: Not Applicable (P) 104. Hwy System: Not on NHS 105. Fed Land Hwy: IRR-Indian Res Rd 110. Defense Hwy: Not a STRAHNET hwy 112. NBIS Length: Long Enough																																
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10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 23.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 25.50 ft 48. Length Max Span: 49.00 ft 49. Struct. Length: 50.50 ft		58. Deck: 6 Satisfactory 62. Culvert: N/A (NBI) 59. Sup.: 6 Satisfactory 61. Chan./Chan. Prot.: 7 Minor Damage 60. Sub: 6 Satisfactory <b>Flowline Notes</b> SOUTH TTOD TO FL 19.1' +16' FROM WEST ABUTMENT																																
<b>OKLAHOMA ITEMS</b>		<b>LOAD RATING AND POSTING</b>																																
200c. Temperature: 73 200d. Weather: Ptly Cloudy 201. Struc.Stl. ASTM Desig.: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: Open Joint-No Device 204. Type of Railing: W-Beam 205. Material Quantity: -1.00 208a. Type of Abutment: Skeleton b. Type of Found.: Steel Piling 209. Type of Pier/Found.: - / - 210. Foundation Elev.: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>-1.00</td> <td>-1.00</td> <td>-1.00</td> </tr> <tr> <td>-1.00</td> <td>-1.00</td> <td>-1.00</td> </tr> </table> 211. Wear. Surf. Prot. Sys.: Date Installed: 01/01/1901 211c. Silane Reapplied 211d. Date: 213. Utilities Attached:		-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	31. Design Load: MS 18 (HS 20) 41. Post. Status: A Open, no restriction 70. Posting: 5 At/Above Legal Loads 63. Op / 65. Inv. Rating Meth.: 1 LF Load Factor / 1 LF Load Factor <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>H</th> <th>HS</th> <th>3-3</th> <th>EV3</th> <th>SHV</th> </tr> </thead> <tbody> <tr> <td>64. Operating Rating (tons):</td> <td>59.90</td> <td>77.70</td> <td></td> <td>68.90</td> <td>72.60</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>35.90</td> <td>46.60</td> <td></td> <td>41.30</td> <td></td> </tr> </tbody> </table> Date Rated: 01/05/2022 64. Operating Rating (tons): 66. Inventory Rating (tons):				H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	59.90	77.70		68.90	72.60	66. Inventory Rating (tons):	35.90	46.60		41.30							
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		94. Bridge Cost: \$220,000 95. Roadway Cost: \$121,000 96. Total Cost: \$350,000 97. Yr. of Cost Est.: 2015 75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 141.5 ft 114. Future ADT: 64 115. Yr. of Future ADT: 2039																																
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		214a. Posted Weight Limit: NR b. Posted Speed Limit: NR c. Narrow/1way Brdg Sign: No d. Vertical Clr. Sign: No Adv. Warning Sign: No e. Navigation Lights?: No Working/Not Working: No 215. Overpass: ACCO 218. Functionally Obsolete: - 220. Bridge Redecked: - 221. Substr. Cond. (U/W): - 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 2 225. Paint Type/Ovrct: Red Lead 3 Coat System N/A 226. Date Painted: 2001 227. Paint Color: Silver 233. Deck Forming: Perm. Metal Deck Forr 238. School Bus Rte.: Current & Desired route 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: 37.00 /																																
		244. Span Lengths: 50 245. Girder Depth: 30.00 246a. Type of Overlay: NA b. Overlay Thickness: 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?: - 250. Headwall: 258. Plans w/Found. in ODOT File: - 259. Scour Eval. in ODOT File: - 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00																																



**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 078



NBI #: 26805 Str #: 60E0630N3460008  
Payne County

Facility Carried: 19TH ST.  
Feature Int.: CREEK

2021-10-07  
Looking W



NBI #: 26805 Str #: 60E0630N3460008  
Payne County

Facility Carried: 19TH ST.  
Feature Int.: CREEK

2021-10-07  
Looking S

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 078



NBI #: 26805 Str #: 60E0630N3460008  
Payne County

Facility Carried: 19TH ST.  
Feature Int.: CREEK

2021-10-07  
W. Abutment



# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 24154	<b>Structure No.:</b> 60E0630N3470008	<b>Local ID:</b> 079 1	<b>Suff. Rating:</b> 68.50	<b>ND</b>
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<b>Bridge Description:</b> 29ft. I-BEAM SPAN  1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0630 5e. Dir. Sufx: N/A (NBI)	<b>IDENTIFICATION</b> 7. Facility Carried : 19TH ST. (E0630) 6. Feat. Intersect: CREEK 9. Location: 19TH STMT.VERNON RD.8E 11. Mile Post: 0.800 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 06' 03.63" 17. Longitude: 096° 48' 19.57" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown
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<b>STRUCTURE TYPE AND MATERIALS</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	<b>INSPECTION</b> <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>10/7/2021</td> <td>10/07/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>	Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	10/7/2021	10/07/2023	FC:	N	0		NA	NA	UW:	N	0		NA	NA	OS:	N	0		NA	NA
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UW:	N	0		NA	NA																										
OS:	N	0		NA	NA																										

  

<b>AGE AND SERVICE</b> 19. Detour Length: 2.0 mi 27. Year Built: 1995 28a/b. Lanes on/und: 2 / 0 29. ADT: 100 30. Year of ADT: 2019 42a/b. Type of Svc on/und: Highway / Waterway	<b>CLASSIFICATION</b> 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.: Not Applicable (P) 104. Hwy System: Not on NHS 105. Fed Land Hwy: IRR-Indian Res Rd 110. Defense Hwy: Not a STRAHNET hwy 112. NBIS Length: Long Enough
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<b>GEOMETRIC DATA</b> 10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 24.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 25.50 ft 48. Length Max Span: 28.00 ft 49. Struct. Length: 28.90 ft 50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 25.80 ft 52. Width Out to Out: 26.50 ft Deck Area: 765.85 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	<b>CONDITION</b> 58. Deck: 7 Good 62. Culvert: N/A (NBI) 59. Sup.: 5 Fair 61. Chan./Chan. Prot.: 6 Bank Slumping 60. Sub: 5 Fair <b>Flowline Notes</b> S TO TOD FL 11.8' + 1' FROM W ABUT
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<b>OKLAHOMA ITEMS</b> 200c. Temperature: 64 200d. Weather: Ptty Cloudy 201. Struc. Stl. ASTM Desig.: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: Open Joint-No Device 204. Type of Railing: W-Beam 205. Material Quantity: -1.00 208a. Type of Abutment: Skeleton b. Type of Found.: Steel Piling 209. Type of Pier/Found.: - / - 210. Foundation Elev.: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">-1.00</td> <td style="width: 33%;">-1.00</td> <td style="width: 33%;">-1.00</td> </tr> <tr> <td>-1.00</td> <td>-1.00</td> <td>-1.00</td> </tr> </table> 211. Wear. Surf. Prot. Sys: None Date Installed: 01/01/1901 211c. Silane Reapplied 211d. Date: 213. Utilities Attached: Communication	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	<b>LOAD RATING AND POSTING</b> 31. Design Load: M 18 (H 20) 41. Post. Status: P Posted for load 70. Posting: 4 0.1-9.9% 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>19.00</td> <td>34.00</td> <td></td> <td>42.00</td> <td>57.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>11.00</td> <td>20.00</td> <td></td> <td>25.00</td> <td></td> </tr> </tbody> </table>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	19.00	34.00		42.00	57.00	66. Inventory Rating (tons):	11.00	20.00		25.00	
-1.00	-1.00	-1.00																							
-1.00	-1.00	-1.00																							
	H	HS	3-3	EV3	SHV																				
64. Operating Rating (tons):	19.00	34.00		42.00	57.00																				
66. Inventory Rating (tons):	11.00	20.00		25.00																					

  

214a. Posted Weight Limit: 191919 b. Posted Speed Limit: NR c. Narrow/1way Brdg Sign: No d. Vertical Clr. Sign: No Adv. Warning Sign: No e. Navigation Lights?: No Working/Not Working: No 215. Overpass: ACCO 218. Functionally Obsolete: - 220. Bridge Redecked: - 221. Substr. Cond. (U/W): 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 2 225. Paint Type/Ovrct: Red Lead 3 Coat System N/A 226. Date Painted: 1995 227. Paint Color: Silver 233. Deck Forming: Perm. Metal Deck Forr 238. School Bus Rte.: Not Desired/Current rte. 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: 31.00 /	<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: 5 Above Min Toler 68. Deck Geom.: 6 Equal Min Criteria 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 7 Above Minimum 72. Appr. Alignment: 6 Equal Min Criteria 113. Scour Critical: 5 Stable w/in footing
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<b>PROPOSED IMPROVEMENTS</b> 94. Bridge Cost: \$165,000 95. Roadway Cost: \$91,000 96. Total Cost: \$261,000 97. Yr. of Cost Est.: 2015 75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 105.8 ft 114. Future ADT: 160 115. Yr. of Future ADT: 2039	<b>NAVIGATION DATA</b> 38. Nav. Control: Permit Not Required 39. Vert. Clearance: 0.0 ft 40. Horiz. Clearance: 0.0 ft 111. Pier Protect.: Not Applicable (P) 116. Lift Bridge Vert. Clr.: 0.0 ft 244. Span Lengths: 29 245. Girder Depth: 21.00 246a. Type of Overlay: NA b. Overlay Thickness: 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 style="width: 50%; height: 20px;"></td> <td style="width: 50%; height: 20px;"></td> </tr> <tr> <td style="width: 50%; height: 20px;"></td> <td style="width: 50%; height: 20px;"></td> </tr> </table> 248. # Field Splices w/ Corrosion: 249. Scour Crit. POA Exists?: - 250. Headwall: 258. Plans w/Found. in ODOT File: - 259. Scour Eval. in ODOT File: - 263. Interchange at Intersection: - 264. Interstate Milepoint: -1.00				

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 24154	<b>Structure No.:</b> 60E0630N3470008	<b>Local ID:</b> 079 1	<b>Suff. Rating:</b> 68.50	<b>ND</b>
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Inspection Date: 10/7/21 Greg Wilson  
 Invoice No.: 2105-42 Inspected With: John Chandler



**BRIDGE NOTES:**

11 beams. 2 braces @ 1/4 points, near ends.

**INSPECTION NOTES:** 10/7/21

Older str. 1991, widened some time later to south, 1995-96.

**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	737.00	100%	737.00	0%	0.00	0%	0.00	0%	0.00
107 / 1	Steel Opn Girder/Beam	ft	209.00	0%	0.00	100%	209.00	0%	0.00	0%	0.00
FX - LITE TO MOD SURFACE RUST											
515 / 1	Steel Protective Coating	sq.ft	1,948.00	0%	0.00	0%	0.00	0%	0.00	100%	1,948.00
PROTECTION FAILED											
219 / 1	Stl Abutment	ft	58.00	0%	0.00	83%	48.00	17%	10.00	0%	0.00
FX - Light exfoliation started at w. abutment Heavy surface rust.											
918 / 1	St.(substr)Prot.Coat	(EA)	172.00	0%	0.00	0%	0.00	100%	172.00	0%	0.00
LIMITED EFFECTIVENESS											
225 / 1	Steel Pile	(EA)	23.00	0%	0.00	65%	15.00	35%	8.00	0%	0.00
PX - Mod to Heavy rust with light scaling and pitting. - SOME PILES WITH MINOR EXFOLIATION (7) WING PILES - SURFACE RUST.											
231 / 1	Steel Pier Cap	ft	60.00	0%	0.00	100%	60.00	0%	0.00	0%	0.00
FX - Moderate to heavy surface rust. Used materials for caps when constructed & widened.											
330 / 1	Metal Bridge Railing	ft	60.00	0%	0.00	100%	60.00	0%	0.00	0%	0.00
SURFACE RUST											
919 / 1	St.(Rail) Prot. Coat	(SF)	140.00	0%	0.00	0%	0.00	100%	140.00	0%	0.00
LIMITED EFFECTIVENESS											
865 / 1	St.Open Gird End(5Ft)	(LF)	110.00	0%	0.00	64%	70.00	36%	40.00	0%	0.00
FX - Heavy rust- minor pitting and minor exfoliation											
871 / 1	Steel Wingwall	(EA)	4.00	0%	0.00	100%	4.00	0%	0.00	0%	0.00
RUST											
890 / 1	Steel SIP Form	(LF)	1.00	100%	1.00	0%	0.00	0%	0.00	0%	0.00
961 / 1	Scour SF	(EA)	1.00	100%	1.00	0%	0.00	0%	0.00	0%	0.00
Flow line is at SW corner minor.											
963 / 1	Steel Section Loss SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
FX - Moderate to Heavy rust with light scaling and pitting on 4 beams. MINOR EXFOLIATION ON SOME BEAM ENDS. PILE.W. ABUTMENT											
968 / 1	Erosion SF	(EA)	1.00	100%	1.00	0%	0.00	0%	0.00	0%	0.00
Erosion beginning base west abutment.											

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 079



NBI #: 24154 Str #: 60E0630N3470008  
Payne County

Facility Carried: 19TH ST. (E0630)  
Feature Int.: CREEK

2021-10-07  
Looking W



NBI #: 24154 Str #: 60E0630N3470008  
Payne County

Facility Carried: 19TH ST. (E0630)  
Feature Int.: CREEK

2021-10-07  
Looking E

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 079



NBI #: 24154 Str #: 60E0630N3470008  
Payne County

Facility Carried: 19TH ST. (E0630)  
Feature Int.: CREEK

2021-10-07  
Looking N



NBI #: 24154 Str #: 60E0630N3470008  
Payne County

Facility Carried: 19TH ST. (E0630)  
Feature Int.: CREEK

2021-10-07  
W. Abutment

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 079



NBI #: 24154 Str #: 60E0630N3470008  
Payne County

Facility Carried: 19TH ST. (E0630)  
Feature Int.: CREEK

2021-10-07  
BEAM



NBI #: 24154 Str #: 60E0630N3470008  
Payne County

Facility Carried: 19TH ST. (E0630)  
Feature Int.: CREEK

2022-01-14  
Looking E

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 079



NBI #: 24154 Str #: 60E0630N3470008  
Payne County

Facility Carried: 19TH ST. (E0630)  
Feature Int.: CREEK

2022-01-14  
Looking W

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 32124	<b>Structure No.:</b> 60E0630N3520006	<b>Local ID:</b> 080 1	<b>Suff. Rating:</b> 100.00
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<b>Bridge Description:</b> <div style="border: 1px solid black; padding: 2px;">3-80FT PC BEAM SPANS</div> <p>1. State: Oklahoma 2. Division: Division 4 3. County: PAYNE 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.: E0630 5e. Dir. Sufx: N/A (NBI)</p> <p>7. Facility Carried: IRR E0630 19TH ST 6. Feat. Intersect: SALT CREEK 9. Location: 1.2W 1S of YALE 11. Mile Post: 0.965 mi 13. LRS Inv. / Sub Rte: / 16. Latitude: 36° 06' 05.58" 17. Longitude: 096° 43' 11.99" 98. Border Brdg: Not Applicable (P) % Responsible: 99. Border Brdg #:</p>	<b>INSPECTION</b> <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>10/19/2021</td> <td>10/19/2023</td> </tr> <tr> <td>FC:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>UW:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> <tr> <td>OS:</td> <td>N</td> <td>0</td> <td></td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>	Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	10/19/2021	10/19/2023	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	10/19/2021	10/19/2023																										
FC:	N	0		NA	NA																										
UW:	N	0		NA	NA																										
OS:	N	0		NA	NA																										

<b>STRUCTURE TYPE AND MATERIALS</b> <p>43a/b. Main Span: P/S Conc. / Stringer/Girder 44a/b. Appr. Span: N/A / Not Applicable (P) 45. # of Main Spans: 3 46. # of Appr. Spans: 0 107. Deck Type: Concrete-Cast-in-Place 108a. Wearing Surface: Monolithic Concrete 108b. Membrane: None 108c. Deck protection: None</p>	<b>CLASSIFICATION</b> <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.: Not Applicable (P) 104. Hwy System: Not on NHS 105. Fed Land Hwy: IRR-Indian Res Rd 110. Defense Hwy: Not a STRAHNET hwy 112. NBIS Length: Long Enough</p>
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<b>AGE AND SERVICE</b> <p>19. Detour Length: 2.0 mi 27. Year Built: 2019 28a/b. Lanes on/und: 2 / 0 29. ADT: 100 30. Year of ADT: 2019 42a/b. Type of Svc on/und: Highway / Waterway</p>	<b>CONDITION</b> <p>58. Deck: 8 Very Good 62. Culvert: N/A (NBI) 59. Sup.: 8 Very Good 61. Chan./Chan. Prot.: 8 Protected 60. Sub: 8 Very Good</p> <p><b>Flowline Notes</b></p> <div style="border: 1px solid black; padding: 2px;">S TO TOR FL 24.1' + 106' FROM W ABUT</div>
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<b>GEOMETRIC DATA</b> <p>10. Vert. Clearance: 99.99 ft 32. Appr Rwy Width: 24.00 ft 33. Median: No median 34. Skew: 0.00° 35. Struct. Flared: No flare 47. Horizontal Clr: 26.00 ft 48. Length Max Span: 80.00 ft 49. Struct. Length: 240.00 ft</p> <p>50a. Curb/Sdwk Width L: 0.00 ft 50b. Curb/Sdwk Width R: 0.00 ft 51. Width Curb to Curb: 26.00 ft 52. Width Out to Out: 28.20 ft Deck Area: 6,768.00 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>	<b>LOAD RATING AND POSTING</b> <p>31. Design Load: MS 18 (HS 20) 41. Post. Status: A Open, no restriction 70. Posting: 5 At/Above Legal Loads 63. Op / 65. Inv. Rating Meth.: 1 LF Load Factor / 1 LF Load Factor</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>48.00</td> <td>69.00</td> <td></td> <td>66.00</td> <td>74.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>29.00</td> <td>41.00</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	48.00	69.00		66.00	74.00	66. Inventory Rating (tons):	29.00	41.00			
	H	HS	3-3	EV3	SHV														
64. Operating Rating (tons):	48.00	69.00		66.00	74.00														
66. Inventory Rating (tons):	29.00	41.00																	

<b>OKLAHOMA ITEMS</b> <p>200c. Temperature: 63 200d. Weather: Ptly Cloudy 201. Struc. Stl. ASTM Desig.: / 202. Waterprf. Membrane: / Date Installed: 203. Type Exp. Device: Sealed Expansion Joint 204. Type of Railing: TR-3 205. Material Quantity: 208a. Type of Abutment: Skeleton b. Type of Found.: Steel Piling 209. Type of Pier/Found.: 2 / No Drilled Shaft-No Footing 210. Foundation Elev.: 211. Wear. Surf. Prot. Sys: Date Installed: 211c. Silane Reapplied 211d. Date: 213. Utilities Attached:</p>	<b>APPRaisal</b> <p>36a. Brgd Rail: 1 Meets Standards 36b. Transition: 1 Meets Standards 36c. Appr. Rail: 1 Meets Standards 36d. Appr. Rail Ends: 1 Meets Standard 67. Str Evaluation: 8 Equal Desirable</p> <p>68. Deck Geom.: 6 Equal Min Criteria 69. Vert./Horiz. Undclr: Not applicable (NB) 71. Waterway Adeq: 8 Equal Desirable 72. Appr. Alignment: 8 Equal Desirable Crit 113. Scour Critical: 8 Stable Above Footin</p>
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<p>214a. Posted Weight Limit: NR b. Posted Speed Limit: No c. Narrow/1way Brgd Sign: No d. Vertical Clr. Sign: NA Adv. Warning Sign: NA e. Navigation Lights?: No Working/Not Working: NA</p> <p>215. Overpass: ACCO 218. Functionally Obsolete: - 220. Bridge Redecked: - 221. Substr. Cond. (U/W): 222. Fill Over RCB: 223. Appr. Slab/Rwy Cond.: 2 225. Paint Type/Ovrct: - 226. Date Painted: - 227. Paint Color: - 233. Deck Forming: Conventional Forming 238. School Bus Rte.: Current &amp; Desired route 240. Appr. Rwy Type.: Gravel 243. Grdr Spacing/No.: /</p>	<b>PROPOSED IMPROVEMENTS</b> <p>94. Bridge Cost: \$-1 95. Roadway Cost: \$-1 96. Total Cost: \$-1 97. Yr. of Cost Est.: Unknown</p> <p>75. Type of Work: Unknown (P) 76. Lngth of Improvement: -1.0 ft 114. Future ADT: 160 115. Yr. of Future ADT: 2039</p>
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<p>244. Span Lengths: <span style="border: 1px solid black; padding: 2px;">80</span> <span style="border: 1px solid black; padding: 2px;">80</span> <span style="border: 1px solid black; padding: 2px;">80</span></p> <p>245. Girder Depth: 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: 258. Plans w/Found.in ODOT File: - 259. Scour Eval. in ODOT File: - 263. Interchange at Intersection: 264. Interstate Milepoint:</p>	<b>NAVIGATION DATA</b> <p>38. Nav. Control: Permit Not Required 39. Vert. Clearance: 0.0 ft 40. Horiz. Clearance: 0.0 ft</p> <p>111. Pier Protect.: Not Applicable (P) 116. Lift Bridge Vert. Clr.:</p>
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# Oklahoma Dept. of Transportation - Bridge Inspection Report

**NBI No.:**  
32124

**Structure No.:**  
60E0630N3520006

**Local ID:**  
080 1

**Suff. Rating:**  
100.00

Inspection Date: 10/19/21 Greg Wilson  
 Invoice No.: 2105-42 Inspected With: John Chandler



**BRIDGE NOTES:**

**INSPECTION NOTES:** 10/19/21

REPLACES NBI# 01122

**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	6,768.00	100%	6,768.00	0%	0.00	0%	0.00	0%	0.00
109 / 1	Pre Opn Conc Girder/Beam	ft	630.00	100%	630.00	0%	0.00	0%	0.00	0%	0.00
205 / 1	Re Conc Column	each	4.00	100%	4.00	0%	0.00	0%	0.00	0%	0.00
215 / 1	Re Conc Abutment	ft	56.00	100%	56.00	0%	0.00	0%	0.00	0%	0.00
234 / 1	Re Conc Pier Cap	ft	56.00	100%	56.00	0%	0.00	0%	0.00	0%	0.00
310 / 1	Elastomeric Bearing	each	18.00	100%	18.00	0%	0.00	0%	0.00	0%	0.00
331 / 1	Re Conc Bridge Railing	ft	480.00	100%	480.00	0%	0.00	0%	0.00	0%	0.00
924 / 1	Conc Rail Prot Coat	(SF)	1,920.00	100%	1,920.00	0%	0.00	0%	0.00	0%	0.00
819 / 1	PS Conc.Gird.End(5Ft)	(LF)	90.00	100%	90.00	0%	0.00	0%	0.00	0%	0.00
859 / 1	Soffit	(EA)	1.00	100%	1.00	0%	0.00	0%	0.00	0%	0.00
870 / 1	Concrete Wingwall	(EA)	4.00	100%	4.00	0%	0.00	0%	0.00	0%	0.00
906 / 1	Sealed Exp.Jt.(SEJ-3	(LF)	56.00	100%	56.00	0%	0.00	0%	0.00	0%	0.00
916 / 1	St.Bearing Assembly	(LF)	18.00	100%	18.00	0%	0.00	0%	0.00	0%	0.00



**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 080



NBI #: 32124 Str #: 60E0630N3520006  
Payne County

Facility Carried: IRR E0630 (19TH ST)  
Feature Int.: SALT CREEK

2021-10-19  
Looking W



NBI #: 32124 Str #: 60E0630N3520006  
Payne County

Facility Carried: IRR E0630 (19TH ST)  
Feature Int.: SALT CREEK

2021-10-19  
Looking N

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 27929	<b>Structure No.:</b> 60E0630N3570005	<b>Local ID:</b> 081 1	<b>Suff. Rating:</b> 97.10	<b>ND</b>
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**Bridge Description:** IDENTIFICATION  
3-40ft. DBL TEE SPANS SK60RF

1. State: Oklahoma	7. Facility Carried : E0630 (19TH ST.)
2. Division: Division 4	6. Feat. Intersect: DEER CREEK
3. County: PAYNE	9. Location: .5E OF 19TH ST/EAGLE RD.
4. City: Unknown	11. Mile Post: 0.805 mi
Admin Area: Cnty. District 1	13. LRS Inv. / Sub Rte: -1 / -1
5a. On/Under: Route On Structure	16. Latitude: 36° 06' 07.41"
5b. Kind of Hwy: County Hwy	17. Longitude: 096° 38' 05.76"
5c. Lvl of Svc: Mainline	98. Border Brdg: Unknown (P)
5d. Route No.: E0630	% 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	10/20/2021	10/20/2023
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.: 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: IRR-Indian Res Rd
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: P/S Conc. / Tee Beam  
44a/b. Appr. Span: N/A / Not Applicable (P)

45. # of Main Spans: 3  
46. # of Appr. Spans: 0

107. Deck Type: Concrete-Cast-in-Place  
108a. Wearing Surface: Monolithic Concrete  
108b. Membrane: None  
108c. Deck protection: None

**CONDITION**

58. Deck: 7 Good | 59. Sup.: 8 Very Good | 60. Sub: 7 Good  
62. Culvert: N/A (NBI) | 61. Chan./Chan. Prot.: 8 Protected

**Flowline Notes**

SOUTH TOR TO FL 21.6' +61' FROM WEST ABUT

**AGE AND SERVICE**

19. Detour Length: 4.0 mi	106. Year Reconst.: 0
27. Year Built: 2005	109. Truck ADT: 10%
28a/b. Lanes on/und: 2 / 0	
29. ADT: 100	
30. Year of ADT: 2019	
42a/b. Type of Svc on/und: Highway / Waterway	

**LOAD RATING AND POSTING**

31. Design Load: MS 18 (HS 20) Date Rated: 10/24/2013  
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

	<b>H</b>	<b>HS</b>	<b>3-3</b>	<b>EV3</b>	<b>SHV</b>
64. Operating Rating (tons):	38.00	53.00			
66. Inventory Rating (tons):	23.00	31.00			

**GEOMETRIC DATA**

10. Vert. Clearance: 99.99 ft	50a. Curb/Sdwk Width L: 0.00 ft
32. Appr Rwy Width: 24.00 ft	50b. Curb/Sdwk Width R: 0.00 ft
33. Median: No median	51. Width Curb to Curb: 26.00 ft
34. Skew: 30.00°	52. Width Out to Out: 28.00 ft
35. Struct. Flared: No flare	Deck Area: 3,359.85 sq. ft
47. Horizontal Clr: 26.00 ft	53. Min. Vert. Cl. Ovr Brg: 99.99 ft
48. Length Max Span: 40.00 ft	54a. Min. Vert. Undclr. Ref.: N Feature not hwy c
49. Struct. Length: 120.00 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: 1 Meets Standards	68. Deck Geom.: 6 Equal Min Criteria
36b. Transition: 1 Meets Standards	69. Vert./Horiz. Undclr: Not applicable (NB)
36c. Appr. Rail: 1 Meets Standards	71. Waterway Adeq: 8 Equal Desirable
36d. Appr. Rail Ends: 1 Meets Standard	72. Appr. Alignment: 8 Equal Desirable Crit
67. Str Evaluation: 7 Above Min Criteri	113. Scour Critical: 8 Stable Above Footin

**OKLAHOMA ITEMS**

200c. Temperature: 64	214a. Posted Weight Limit: NR
200d. Weather: Cloudy	b. Posted Speed Limit: NR
201. Struc. Stl. ASTM Desig.: -1 / -1	c. Narrow/1way Brgd Sign: No
202. Waterprf. Membrane: -1	d. Vertical Clr. Sign: No
Date Installed: 01/01/1901	Adv. Warning Sign: No
203. Type Exp. Device: Open Joint-No Device	e. Navigation Lights?: No
	Working/Not Working: No
204. Type of Railing: TR-1	215. Overpass: ACCO
205. Material Quantity: -1.00	218. Functionally Obsolete: -
208a. Type of Abutment: Skeleton	220. Bridge Redecked: -
b. Type of Found.: Steel Piling	221. Substr. Cond. (U/W): -
209. Type of Pier/Found.: 2 / No	222. Fill Over RCB: -
Drilled Shaft-No Footing	223. Appr. Slab/Rwy Cond.: 2
210. Foundation Elev.: -1.00 -1.00	225. Paint Type/Ovrct: -
-1.00 -1.00 -1.00	226. Date Painted: -
211. Wear. Surf. Prot. Sys: 01/01/1901	227. Paint Color: -
211c. Silane Reapplied	233. Deck Forming: Conventional Forming
211d. Date: -	238. School Bus Rte.: Current & Desired route
213. Utilities Attached: -	240. Appr. Rwy Type.: Gravel
	243. Grdr Spacing/No.: /

**PROPOSED IMPROVEMENTS**

94. Bridge Cost: \$117,000	75. Type of Work: 31 Repl-Load Capacity
95. Roadway Cost: \$64,000	76. Lngth of Improvement: 150.4 ft
96. Total Cost: \$225,000	114. Future ADT: 160
97. Yr. of Cost Est.: 2015	115. Yr. of Future ADT: 2039

**NAVIGATION DATA**

38. Nav. Control: Permit Not Required  
39. Vert. Clearance: 0.0 ft | 111. Pier Protect.: Not Applicable (P)  
40. Horiz. Clearance: 0.0 ft | 116. Lift Bridge Vert. Clr.: 0.0 ft

244. Span Lengths: 40 40 40

245. Girder Depth:

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:  
258. Plans w/Found.in ODOT File: -  
259. Scour Eval. in ODOT File: -  
263. Interchange at Intersection: -  
264. Interstate Milepoint:

# Oklahoma Dept. of Transportation - Bridge Inspection Report

<b>NBI No.:</b> 27929	<b>Structure No.:</b> 60E0630N3570005	<b>Local ID:</b> 081 1	<b>Suff. Rating:</b> 97.10	<b>ND</b>
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Inspection Date: 10/20/21 Greg Wilson  
 Invoice No.: 2105-42 Inspected With: John Chandler



**BRIDGE NOTES:**

8 Beams.

**INSPECTION NOTES:** 10/20/21

**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	3,120.10	100%	3,120.10	0%	0.00	0%	0.00	0%	0.00
FX - LOOSE GRAVE. 1 HAIRLINE LONGITUDINAL CRACK EAST SPAN											
109 / 1	Pre Opn Conc Girder/Beam	ft	960.00	100%	960.00	0%	0.00	0%	0.00	0%	0.00
205 / 1	Re Conc Column	each	4.00	100%	4.00	0%	0.00	0%	0.00	0%	0.00
Scattered Scrapes.											
234 / 1	Re Conc Pier Cap	ft	66.00	100%	66.00	0%	0.00	0%	0.00	0%	0.00
310 / 1	Elastomeric Bearing	each	8.00	100%	8.00	0%	0.00	0%	0.00	0%	0.00
PADS ONLY											
331 / 1	Re Conc Bridge Railing	ft	240.00	100%	240.00	0%	0.00	0%	0.00	0%	0.00
Hairline vertical cracking.											
924 / 1	Conc Rail Prot Coat	(SF)	960.00	100%	960.00	0%	0.00	0%	0.00	0%	0.00
818 / 1	Integral Abutment	(LF)	66.00	100%	66.00	0%	0.00	0%	0.00	0%	0.00
Integral Abutment. No Visible Bearings.											
870 / 1	Concrete Wingwall	(EA)	4.00	100%	4.00	0%	0.00	0%	0.00	0%	0.00
958 / 1	Concrete Cracking SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
ONE Longitudinal [in line with Dbl.Tee Jts. under Deck] & random hairline & lite cracking.											

**PAYNE COUNTY - OFF SYSTEM**

STRUCTURE NO. 081



NBI #: 27929 Str #: 60E0630N3570005  
Payne County

Facility Carried: E0630 (19TH ST.)  
Feature Int.: DEER CREEK

2021-10-20  
Looking W



NBI #: 27929 Str #: 60E0630N3570005  
Payne County

Facility Carried: E0630 (19TH ST.)  
Feature Int.: DEER CREEK

2021-10-20  
Looking N