

RESOLUTION 2023-87
Grant County, Oklahoma

**RESOLUTION; GRANT WRITING AND ADMINISTRATION:
NORTHERN OKLAHOMA REGIONAL TRANSPORTATION
PLANNING ORGANIZATION AND NORTHERN OKLAHOMA
DEVELOPMENT AUTHORITY**

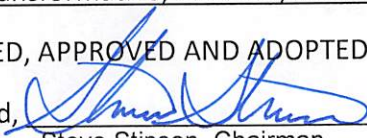
WHEREAS, the Northern Oklahoma Regional Transportation Organization (NORTPO) was established to serve as the planning organization and to provide guidance to local governments in conducting the regional transportation planning process for the Northern Oklahoma Development Authority (NODA) and Oklahoma Economic Development Authority (OEDA) and the counties of Alfalfa, Beaver, Blaine, Cimarron, Dewey, Ellis, Garfield, Grant, Harper, Kay, Kingfisher, Major, Noble, Texas, Woods, and Woodward, pursuant to the requirements and provisions of Moving Ahead for Progress in the 21st Century Act (MAP-21 Section 134 (d)(2) of Title 23);

WHEREAS, NODA is serving as staff to the Northern Oklahoma Regional Transportation Organization

WHEREAS, NORTPO is interested in the continued development of the regional transportation planning process as described in the 24 CFR 450.21(b) through on-going public involvement and data collection of regional transportation needs in the aforementioned counties; and

NOW THEREFORE, BE IT RESOLVED that GRANT county does adopt and endorse (NORTPO) as the grant writer, and administrator for (PROTECT) Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation Discretionary Grant Program.

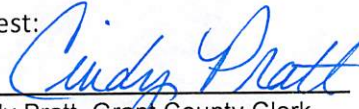
PASSED, APPROVED AND ADOPTED by Board of County Commissioners, Grant County, Oklahoma

Signed, , Date: 05-08-23
Steve Stinson, Chairman
(County Commissioner)

Signed, , Date: 05-08-23
Craig A. Fredrick, Vice-Chairman
(County Commissioner)

Signed, , Date: 05-08-23
Max L. Hess, Member
(County Commissioner)



Attest: 
Cindy Pratt, Grant County Clerk
(Secretary/Clerk)

Date: 05-08-2023

Oklahoma Dept. of Transportation - Bridge Inspection Report

NBI No.: 20001	Structure No.: 27N2830E020004	Local ID: 298	Suff. Rating: 82.90	ND
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<p>Bridge Description: IDENTIFICATION</p> <p>6-100ft. PC BEAM SPANS</p> <p>1. State: Oklahoma 2. Division: Division 4 3. County: GRANT 4. City: Unknown Admin Area: Cnty. District 3 5a. On/Under: Route On Structure 5b. Kind of Hwy: County Hwy 5c. Lvl of Srvc: Mainline 5d. Route No.: N2830 5e. Dir. Sufx: North</p> <p>7. Facility Carried : N2830 6. Feat. Intersect: SALT FORK ARKANSAS RIVER 9. Location: 4.7E 3.6N OF NASH 11. Mile Post: 3.522 mi 13. LRS Inv. / Sub Rte: -1 / -1 16. Latitude: 36° 43' 07.31" 17. Longitude: 097° 57' 57.53" 98. Border Brdg: Unknown (P) % Responsible: 0.00 99. Border Brdg #: Unknown</p>	<p style="text-align: center;">INSPECTION</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Type</th> <th>Insp. Req.</th> <th>Insp. Done</th> <th>Freq.</th> <th>Insp. Date</th> <th>Next Insp.</th> </tr> <tr> <td>NBI:</td> <td></td> <td>1</td> <td>24 months</td> <td>5/11/2021</td> <td>05/11/2023</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> <p style="text-align: center;">CLASSIFICATION</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. Hwv Svstem: Not on NHS 105. Fed Land Hwy: N/A (NBI) 110. Defense Hwy: Not a STRAHNET hwy 112. NBIS Length: Long Enough</p>	Type	Insp. Req.	Insp. Done	Freq.	Insp. Date	Next Insp.	NBI:		1	24 months	5/11/2021	05/11/2023	FC:	N	0		NA	NA	UW:	N	0		NA	NA	OS:	N	0		NA	NA
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<p style="text-align: center;">STRUCTURE TYPE AND MATERIALS</p> <p>43a/b. Main Span: P/S Conc. / Stringer/Girder 44a/b. Appr. Span: N/A / Not Applicable (P) 45. # of Main Spans: 6 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;">CONDITION</p> <p>58. Deck: 6 Satisfactory 62. Culvert: N/A (NBI) Flowline Notes 5/11/2021 - 26ft TOD PIER #3 25ft DECK TOP. *9/4/09- FL TOD=9ft 7/28/2011 25ft 6in span 5</p> <p>59. Sup.: 8 Very Good 61. Chan./Chan. Prot.: 6 Bank Slumping 60. Sub: 6 Satisfactory</p>
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<p style="text-align: center;">AGE AND SERVICE</p> <p>19. Detour Length: 10.0 mi 27. Year Built: 1981 28a/b. Lanes on/und: 2 / 0 29. ADT: 234 30. Year of ADT: 2020 42a/b. Type of Svc on/und: Highway / Waterway</p> <p>106. Year Reconst.: -1 109. Truck ADT: 15%</p>	<p style="text-align: center;">LOAD RATING AND POSTING</p> <p>31. Design Load: M 18 (H 20) Date Rated: 05/16/2019 41. Post. Status: A Open, no restriction 70. Posting: 5 A/Above Legal Loads 63. Op / 65. Inv. Rating Meth.: 2 AS Allowable Stress / 2 AS Allowable Stress</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td></td> <td>H</td> <td>HS</td> <td>3-3</td> <td>EV3</td> <td>SHV</td> </tr> <tr> <td>64. Operating Rating (tons):</td> <td>23.00</td> <td>36.00</td> <td>0.00</td> <td>43.00</td> <td>40.00</td> </tr> <tr> <td>66. Inventory Rating (tons):</td> <td>13.00</td> <td>21.00</td> <td></td> <td>24.00</td> <td></td> </tr> </table>		H	HS	3-3	EV3	SHV	64. Operating Rating (tons):	23.00	36.00	0.00	43.00	40.00	66. Inventory Rating (tons):	13.00	21.00		24.00	
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<p style="text-align: center;">GEOMETRIC DATA</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 Ctr: 28.00 ft 48. Length Max Span: 100.00 ft 49. Struct. Length: 602.10 ft</p> <p>50a. Curb/Sdwik Width L: 0.00 ft 50b. Curb/Sdwik Width R: 0.00 ft 51. Width Curb to Curb: 28.00 ft 52. Width Out to Out: 30.00 ft Deck Area: 18,061.84 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;">APPRAISAL</p> <p>36a. Brdg 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: 5 Above Min Tolere</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 Footlr</p>
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<p style="text-align: center;">OKLAHOMA ITEMS</p> <p>200c. Temperature: 55 200d. Weather: Cloudy 201. Struc. Sil. ASTM Desig.: -1 / -1 202. Waterprf. Membrane: -1 Date Installed: 01/01/1901 203. Type Exp. Device: Elastomeric Strip Seal Elastomeric Strip Seal 204. Type of Railing: TR-1 205. Material Quantity: 1,270.00 208a. Type of Abutment: Skeleton b. Type of Found.: Steel Piling 209. Type of Pier/Found.: 5 / Yes Drilled Shaft-No Footing 210. Foundation Elev.: 1,039.00 -1.00 -1.00 1,041.00 -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</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/Ovrctr: N/A N/A 226. Date Painted: 1981 227. Paint Color: -1 233. Deck Forming: Conventional Forming 238. School Bus Rte.: Current & Desired route 240. Appr. Rwy Type.: Asphalt/Bituminous 243. Grdr Spacing/No.: 88.00 / 4</p>
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<p style="text-align: center;">PROPOSED IMPROVEMENTS</p> <p>94. Bridge Cost: \$937,000 95. Roadway Cost: \$480,000 96. Total Cost: \$1,442,000 97. Yr. of Cost Est.: 2015</p> <p>75. Type of Work: 31 Repl-Load Capacity 76. Lngth of Improvement: 662.3 ft 114. Future ADT: 374 115. Yr. of Future ADT: 2040</p>	<p style="text-align: center;">NAVIGATION DATA</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: 100 100 100 100 100 100</p> <p>245. Girder Depth: 54.00 246a. Type of Overlay: NA b. Overlay Thickness: 0.00 c. Overlay Date: 01/01/1901 d. Ovly Depth Changed >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: -1.00</p>
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Oklahoma Dept. of Transportation - Bridge Inspection Report

NBI No.: 20001	Structure No.: 27N2830E0200004	Local ID: 298	Suff. Rating: 82.90	ND
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Inspection Date: 5/11/21	Stephen Reese	
Invoice No.: 427378	Inspected With: Michael Oakes	

BRIDGE NOTES:

FX - Needs all bridge end markers put up. PX- ARMOR @ BENT 3 JOINT DAMAGED WITH 10' SECT. GONE.

INSPECTION NOTES: 5/11/21

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	18,063.00	100%	17,988.00	0%	75.00	0%	0.00	0%	0.00
5/11/2021 - Good condition overall. Minor wear overall. A few small pop-outs noted. Could use an overlay to protect & seal deck. 1-10ft. SEC OF DECK ANGLE MISSING ON N END. 1-5ft. SEC MISSING ON S. Approaches breaking up with deep pot holes at south end^ some minor pot holes at north end close to patched areas. 5/21/19 no change											
109 / 1	Pre Opn Conc Girder/Beam	ft	2,295.00	100%	2,295.00	0%	0.00	0%	0.00	0%	0.00
5/13/2021 - Some cracking in diaphragm at each pier with rebar exposed good condition overall.											
205 / 1	Re Conc Column	each	5.00	100%	5.00	0%	0.00	0%	0.00	0%	0.00
5/11/2021 - 2ft of can exposed at pier #3. Superficial weathering at water line.											
215 / 1	Re Conc Abutment	ft	59.00	100%	59.00	0%	0.00	0%	0.00	0%	0.00
5/11/2021 - Good condition. No problems. Some efflor on S abut from joint seepage.											
234 / 1	Re Conc Pier Cap	ft	151.00	100%	151.00	0%	0.00	0%	0.00	0%	0.00
5/11/2021 - Good condition overall. Some superficial cracking noted on btm of cantilever areas.											
300 / 1	Strip Seal Exp Joint	ft	90.00	0%	0.00	0%	0.00	100%	90.00	0%	0.00
5/11/2021 - Good condition overall. Armor at bent 3 joint damaged with 15 ft sect gone. OTHERS FULL OF SOIL Gland is loose (new photo). PX - Pier #3 joint 10 ft section missing some moderate damage to others.											
310 / 1	Elastomeric Bearing	each	48.00	100%	48.00	0%	0.00	0%	0.00	0%	0.00
5/11/2021 - Good condition overall. No deformation.											
331 / 1	Re Conc Bridge Railing	ft	1,207.00	100%	1,202.00	0%	5.00	0%	0.00	0%	0.00
5/11/2021 - Good condition overall. Some superficial damage noted. 5 sm pock-marks on E in span 4 (photo). 1 spall on east rail span 2^ 2 other spans on top of rail on east side span #5.											
819 / 1	PS Conc.Gird.End(5Ft	(LF)	160.00	100%	160.00	0%	0.00	0%	0.00	0%	0.00
5/11/2021 - Good condition overall.											
859 / 1	Soffit	(EA)	1.00	0%	0.00	0%	0.00	100%	1.00	0%	0.00
5/11/2021 - Good condition overall. 5 or 6 hairline cracks w/leaching in span 1 noted. None in spans 4^ 5^ or 6. 1 small spall at NW corner with rebar exposed see photos 12" x 6"											
871 / 1	Steel Wingwall	(EA)	4.00	100%	4.00	0%	0.00	0%	0.00	0%	0.00
5/11/2021 - Good condition overall.											
916 / 1	St.Bearing Assembly	(LF)	48.00	0%	0.00	100%	48.00	0%	0.00	0%	0.00
5/11/2021 - Good condition overall. Light surface rust.											
958 / 1	Concrete Cracking SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
5/11/2021 - Good condition overall. A few lt transverse cracks noted each span.											

Oklahoma Dept. of Transportation - Bridge Inspection Report

NBI No.: 22684	Structure No.: 27N2880E0190008	Local ID: 310	Suff. Rating: 88.90	ND
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Bridge Description: 9-100ft. PC BEAM SPANS, SK45LF	INSPECTION																																																		
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245. Girder Depth: 54.00									
246a. Type of Overlay: NA									
b. Overlay Thickness: 0.00									
c. Overlay Date: 01/01/1901									
d. Ovlly Depth Changed >1":									
247. Protective Systems:									
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

NBI No.: 22684	Structure No.: 27N2880E0190008	Local ID: 310	Suff. Rating: 88.90	ND
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Inspection Date: 5/18/21 Stephen Reese

Invoice No.: 427378 Inspected With: Michael Oakes



BRIDGE NOTES:

FX - Needs all bridge end markers repaired.

INSPECTION NOTES: 5/18/21

5/18/2021 - Joint needs repaired. PX - All pourable joints need cleaned and resealed and northwest pier column needs repaired and compression joints resealed

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	26,834.00	90%	24,150.60	10%	2,683.40	0%	0.00	0%	0.00
5/18/2021 - Superficial wear only. Some sm pop-outs & implemt damage noted. Some minor popouts around pourable joint seals.											
109 / 1	Pre Opn Conc Girder/Beam	ft	3,230.00	100%	3,226.00	0%	2.00	0%	2.00	0%	0.00
5/18/2021 - Satisfactory condition. SPAN #6 FACIA BM WEST SMALL SPALL.											
205 / 1	Re Conc Column	each	16.00	88%	14.00	6%	1.00	0%	0.00	6%	1.00
5/18/2021 - No new spalls. Several lengths of radius bars exposed on W pier at bent 8 (new photo). SCALING EXPOSED AGGREGATE EAST PILE PIER #5. Baldy SCALING with rebar exposed heavy exfol and loss to rebar (see photo).											
215 / 1	Re Conc Abutment	ft	82.00	98%	80.00	2%	2.00	0%	0.00	0%	0.00
5/18/2021 - No change. Lt cracking noted below W girder on S. Light cracking on north abut behind beam #2. PX - Anchor bolts sheered off at south abut and 2 bolts sheered off at pier #1 no major cracks in abut and very little movement noted^ has been this way since 2010 with no more bolts sheered. 6/6/19 small spall with rebar exposed behind #1 at S abutment											
234 / 1	Re Conc Pier Cap	ft	328.00	94%	308.00	6%	20.00	0%	0.00	0%	0.00
5/18/2021 - Some minor cracks in a few others none serious. #4-#6 HAIRLINE CRACKS OVER PILES IN CAPS. #3 HAIR LINE CRACK OVER WEST PILE.											
302 / 1	Compressn Joint Seal	ft	167.00	0%	0.00	0%	0.00	0%	0.00	100%	167.00
5/18/2021 - No repairs made yet. #1 JOINT 50% FELL OUT. #1 50% fell out^ #2 5ft. has fell out. PX - #1 joint has 75% gone and #2 still has 5 ft out #3 has heavy buldging and taring at west side. 6/6/19 all joints falling out and badly leaking											
310 / 1	Elastomeric Bearing	each	72.00	100%	72.00	0%	0.00	0%	0.00	0%	0.00
5/18/2021 - Minor deformation started.											
331 / 1	Re Conc Bridge Railing	ft	1,804.00	100%	1,799.00	0%	5.00	0%	0.00	0%	0.00
5/18/2021 - Mod spall on NW end on span 8 due to expansion (photo). New photo. Some other light spalls in span #3. 6/6/19 no change											
819 / 1	PS Conc.Gird.End(5Ft)	(LF)	320.00	100%	320.00	0%	0.00	0%	0.00	0%	0.00
5/18/2021 - Good condition.											
859 / 1	Soffit	(EA)	1.00	0%	0.00	0%	0.00	100%	1.00	0%	0.00
5/18/2021 - Several lt cracks w/efflor in most spans (1999 photo). Could not see most due to high water. 1 moderate cract at west side pier #2 see photo no spalls yet. 6/6/19 1 small spall with rebar exposed at SW corner minor only											
909 / 1	Pourable Fix Jt.Seal	(LF)	164.00	0%	0.00	0%	0.00	0%	0.00	100%	164.00
5/18/2021 - No repairs made yet. Mod spall on btm of joint at bent #1 (1999 photo). Smaller spall at E end of same joint & bent 3. 1 on W edge at bent 8. PX - All joints have failed^ no seal left. 6/6/19 lots of spalling along edges											
916 / 1	St.Bearing Assembly	(LF)	72.00	0%	0.00	88%	63.00	13%	9.00	0%	0.00
5/18/2021 - No new broken bolts noted. SABUT #2^ #3^ #4 have 1 bolt each sheared off. Pier #1 Span #2 south end^ #3 beam has 1 bolt sheared off. Pier #3 Span #4 south end^ #3 beam has 1 bolt sheared off. PIER 4 SPAN 5 #1 BEARING SOUTH END BOLT SHEARED OFF PIER 6 #1 S END BROKE #4 N BROKE OFF.											
961 / 1	Scour SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
5/18/2021 - Scour still silting in some. Scour silting in. No change.											
973 / 1	Horizontal Force SF	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
5/18/2021 - all anchor bolts either sheered off badly bent all spans are not in alignment lots of shifting of spans up to 1"											