Oklahoma Dept. of Transportation - Bridge Inspection Report

NBI No.: 15552	<u>Structure No.:</u> <u>L</u> 5568 0743 X	<u>-ocal ID:</u> -1	<u>Suff. R</u> 59	<u>lating:</u> 0.40	FO		
Bridge Description: IDEN	<u>TIFICATION</u>			ECTION			
32ft59ft59ft32ft. CONT CONC. SL	AB SPANS W/ 2-1.5ft. SAFETY	Type Insp. Red		req. Insp. Date 10/30/201			
CURBS		FC: N	0	NA	NA		
1. State: Oklahoma 7. F	facility Carried: FAU 9561 POST ROAD	UW: N	0	NA	NA		
	eat. Intersect: I-40 UNDER 7.5 MI E OF JCT I35	OS: N	0	NA NA	NA		
3. County: OKLAHOMA 4. City: OKLA. CITY	11. Mile Post: 7.428 mi	12.Base Hwy Net.: N		FICATION	No bridge exists		
Admin Area: Unknown	13. LRS Inv. / Sub Rte: -1 / -1	•	n free road		2-way traffic		
5a. On/Under: Route On Structure	16. Latitude: 35° 25' 31.84"	21. Custodian: State			Not Applicable (P)		
5b. Kind of Hwy: City Street 5c. Lvl of Srvc: Mainline	17. Longitude: 097° 21' 11.26" 98. Border Brdg: Not Applicable (P)	22. Owner: State			Not on NHS		
5d. Route No.: 09561	% Responsible: 0.00	26. Function Class: 1 37. Historical Sig.: No		105. Fed Land Hwy:	N/A (NBI) Not a STRAHNET hwy		
5e. Dir. Sufx: N/A (NBI)	99. Border Brdg #: Unknown	100. Def. Hwy: Not a		112. NBIS Length:			
STRUCTURE T	YPE AND MATERIALS	100. Bol. 11117.		DITION			
43a/b. Main Span:	Conc. Cont. / Slab	58.Deck: 7 Good	59.Sup.: 7	Good 60.Su	ıb:7 Good		
44a/b. Appr. Span:	N/A / Not Applicable (P)	62.Culvert: N/A (NB) 61.Chan./C	han. Prot.: N/A (NB	BI)		
45. # of Main Spans: 4 46. # of Appr. Spans: 0		Flowline Notes					
10. // Ol / tppr: Opario.	ast-in-Place						
108a. Wearing Surface: Latex Conc							
108b. Membrane: None				AND POSTING			
108c. Deck protection: Other			И 18 (Н 20) A Open, no restriction	Date Rated:	01/01/1901		
AGE A	AND SERVICE	Titi ooti otatao.	At/Above Legal Loa				
19. Detour Length: 2.0 mi	106. Year Reconst.:	63.Op / 65.Inv. Rating	Meth.: 2 AS A	llowable Stress / 2 A			
27. Year Built: 1962	109. Truck ADT: 5%		H	HS 3-3	EV3 SHV		
28a/b. Lanes on/und: 2 / 4 29. ADT: 3,500		64. Operating Rating	1 1 1 2 2 1	25.02 -1.00	-1.00 0.00		
29. ADT: 3,500 30. Year of ADT: 2016		66. Inventory Rating (tons): 19.84	19.95 -1.00	-1.00		
42a/b. Type of Svc on/und: Highway	y / Highway			RAISAL	4 Talamakia		
	IETRIC DATA	7	Substandard Meets Standards		4 Tolerable _{IcIr:} 2 Intolerable - Rep		
10. Vert. Clearance: 99.99 ft	50a. Curb/Sdwlk Width L: 1.50 ft	000	Meets Standards	71. Waterway Adeq	: N Not applicable		
32. Appr Rwy Width: 28.00 ft	50b. Curb/Sdwlk Width R: 1.50 ft	36d. Appr.Rail Ends:	1 Meets Standard		: 8 Equal Desirable Cr		
33. Median: No median	51. Width Curb to Curb: 28.00 ft	67. Str Evaluation:	5 Above Min Tolera	113. Scour Critical:	N Not Over Waterway		
34. Skew: 21.00° 35. Struct. Flared: No flare	52. Width Out to Out: 33.00 ft		PROPOSED II	MPROVEMENTS			
35. Struct. Flared: No flare 47Horizontal Clr: 28.00 ft	Deck Area: 6,070.85 sq. ft 53. Min.Vert.Cl.Ovr Brg: 99.99 ft	94. Bridge Cost:	\$989,321		31 Repl-Load Capacity		
48. Length Max Span: 59.00 ft	54a.Min.Vt.Undclr.Ref.: H Hwy beneath stru	95. Roadway Cost:	\$1,632,380 \$2,770,000	76. Lngth of Improve	ement: 253.0 ft 5,600		
49. Struct. Length: 184.00 ft	54b. Min. Vert. Undclr.: 16.50 ft	96. Total Cost: 97. Yr.of Cost Est.:	\$2,770,099 2015	114. Future ADT: 115. Yr.of Future AD			
	55a. Min.Lat.Undclr.Ref: H Hwy beneath str	97. 11.01 COSt Est	J1				
	55. Min.Lat.Underclr. R: 8.30 ft 56. Min.Lat.Underclr. L: 19.00 ft	38. Nav. Control:	NA-no waterway	TION DATA			
	OKLAHOMA ITEMS	39. Vert. Clearance:	0.0 ft	111. Pier Protect.:	Not Applicable (P)		
200c. Temperature: 71	UNLAHOMA HEMIS	40. Horiz. Clearance:	0.0 ft	116. Lift Bridge Vert	Clr.: 0.0 ft		
200d. Weather: Cloudy 201. Struc.Stl. ASTM Desig.:	-1 / -1 214a. Posted Weight Limit:	NR	244. Span Length	s:			
202. Waterprf.Membrane: -1	b. Posted Speed Limit:	40	'				
Date Installed: 01/01/190	c. Narrow/1way Brdg Sign: d. Vertical Clr. Sign:	No Yes	245. Girder Depth				
203. Type Exp. Device:	Adv. Warning Sign:	No	246a. Type of Ove		dified		
204. Type of Railing: BC	e. Navigation Lights?:	NA	b. Overlay Thick c. Overlay Date:		Λ		
205. Material Quantity: -1.00	Working/Not Working:	NA TERROTATE	d. Ovly Depth Cl		N		
208a. Type of Abutment: Skeleton b. Type of Found.: Concrete		TERSTATE	247. Protective Sy	rstems:			
b. Type of Found.: Concrete 209. Type of Pier/Found.: 1	/ No 222. Fill Over RCB:		_				
	/Drilled Shaft 223. Appr.Slab/Rwy Cond.:	3					
210. Foundation Elev.: -1.00	-1.00 225. Paint Type/Ovrct: N/.		248. # Field Splice				
-1.00 -1.00	-1.00 N//	4	249. Scour Crit. Po 250. Headwall:	FOA EXISIS!.			
211. Wear.Surf.Prot.Sys: None Date Installed: 01/01/1901	226. Date Painted: 227. Paint Color:		254. Thru Truss Type:				
Date Installed: 01/01/1901 213. Utilities Attached: Power	233. Deck Forming: Co	233. Deck Forming: Conventional Forming			lo		
	1 200. 0000. 200	rrent & Desired route	258. Plans w/Four 259. Scour Eval. ii				
 	240. Appr. Rwy Type.: As 243. Grdr Spacing/No.:	phalt/Bituminous	263. Interchange a	at Intersection: N	lo		
		/	264. Interstate Mil	epoint:	160.71		
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Oklahoma Dept. of Transportation - Bridge Inspection Report

NBI No 1555		<u>Structure No.:</u> 5568 0743 X				 <u>Suff. Rating:</u> 59.40	FO
Inspection Date:	10/30/18		Gary Hines				
Invoice No.:	GLH1018	Inspected With:	Gary Richardson				

BRIDGE NOTES:

* MAXIMUM HORIZONTAL UNDERCLEARANCE: EB = 43', WB = 47'.

INSPECTION NOTES:

10/30/18

G Hines inspection comments - 10/30/2018

PX - Slopewall sections need repair at the upper NW & SE areas (2008 photo @ NW) * FX - All OM-3's need reset * PX - Satisfactory to fair asphalt roadway - small bumps, cracks, & raveling noted on each transition area (moderate deterioration at the SW) * Good side drains * There is power for the street sign mounted on the SW area *

ELEMENT CONDITION STATE DATA

38 / 4 Re Concrete Slab sq.ft 5,152.20 95% 4,902.20 5% 250.00 0% 0.00 0% 0.00 The deck was redone with a latex-modified overlay in 2008 - looks good. The curbs were redone as well. Lots of debris needs cleaned from the gutters. Also see Element #958. 205 / 4 Re Conc Column each 3.00 33% 1.00 33% 1.00 0% 0.00 Small spall w/o rebar noted on the upper West faces of the bent #1 & #3 columns. 215 / 4 Re Conc Abutment ft 76.00 76% 58.00 24% 18.00 0% 0.00 0% 0.00 Some minor scale- popouts & cracking noted on the outer areas of each abutment. 234 / 4 Re Conc Pier Cap ft 97.50 85% 82.50 5% 5.00 10% 10.00 0% 0.00 PX - There is a group of small spalls on the bottom of the 1st cap at the lower West end (2006 photo). One tiny spall each noted at the same location on the 2nd & 3rd caps and one also at the NE end of 1st Cap. Spalls noted at the lower East & NE areas of the 3rd cap. Minor scale on outer areas - still solid overall. 310 / 4 Elastomeric Bearing	Elem. / Env	Description	Unit	Total Qty	% 1	Qty. 1	% 2	Qty. 2	% 3	Qty. 3	% 4	Qty. 4	
the gutters. Also see Element #958. 205 / 4 Re Conc Column each 3.00 33% 1.00 33% 1.00 33% 1.00 0% 0.00 Small spall w/o rebar noted on the upper West faces of the bent #1 & #3 columns. 215 / 4 Re Conc Abutment ft 76.00 76% 58.00 24% 18.00 0% 0.00 0% 0.00 Some minor scale- popouts & cracking noted on the outer areas of each abutment. 234 / 4 Re Conc Pier Cap ft 97.50 85% 82.50 5% 5.00 10% 10.00 0% 0.00 PX - There is a group of small spalls on the bottom of the 1st cap at the lower West end (2006 photo). One tiny spall each noted at the same location on the 2nd & 3rd caps and one also at the NE end of 1st Cap. Spalls noted at the lower East & NE areas of the 3rd cap. Minor scale on outer areas - still solid overall. 310 / 4 Elastomeric Bearing each 5.00 100% 5.00 0% 0.00 0% 0.00 0% 0.00 -1 331 / 4 Re Conc Bridge Railing ft 367.50 0% 0.00 100% 367.50 0% 0.00 0% 0.00 Light scaling- popouts & cracking on most areas. Still solid at this time. 859 / 4 Soffit (EA) 1.00 0% 0.00 100% 1.00 0% 0.00 0% 0.00 0% 0.00 The soffit has some areas with discoloration & efflorescence - mainly on the fascia. Less than 10% of the total area is affected. 870 / 4 Pourable Fix Jt.Seal (LF) 172.00 100% 172.00 0% 0.00 0% 0.00 0% 0.00 0% 0.00 There is a longitudal joint down the centerline - no problems noted.	38 / 4	Re Concrete Slab	sq.ft	5,152.20	95%	4,902.20	5%	250.00	0%	0.00	0%	0.00	
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215 / 4 Re Conc Abutment ft 76.00 76% 58.00 24% 18.00 0% 0.00 0% 0.00	205 / 4	Re Conc Column	each	3.00	33%	1.00	33%	1.00	33%	1.00	0%	0.00	
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State Stat	loca	ation on the 2nd & 3rd caps and one a	lso at the	NE end of 1s	t Cap. Sp	alls noted a	t the lowe	er East & NE	areas of	the 3rd cap	. Minor so	ale on	
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331 / 4 Re Conc Bridge Railing ft 367.50 0% 0.00 100% 367.50 0% 0.00 0%	310 / 4	Elastomeric Bearing	each	5.00	100%	5.00	0%	0.00	0%	0.00	0%	0.00	
Light scaling- popouts & cracking on most areas. Still solid at this time. 859 / 4 Soffit (EA) 1.00 0% 0.00 100% 1.00 0% 0.0	-1												
859 / 4 Soffit (EA) 1.00 0% 0.00 100% 1.00 0% 0.00	331 / 4	Re Conc Bridge Railing	ft	367.50	0%	0.00	100%	367.50	0%	0.00	0%	0.00	
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870 / 4 Concrete Wingwall (EA) 4.00 100% 4.00 0% 0.00 <td>859 / 4</td> <td>Soffit</td> <td>(EA)</td> <td>1.00</td> <td>0%</td> <td>0.00</td> <td>100%</td> <td>1.00</td> <td>0%</td> <td>0.00</td> <td>0%</td> <td>0.00</td> <td></td>	859 / 4	Soffit	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00	
909 / 4	The	soffit has some areas with discolorate	ion & efflo	orescence - m	ainly on th	ne fascia. Le	ess than 1	10% of the to	otal area i	s affected.			
There is a longitudal joint down the centerline - no problems noted.	870 / 4	Concrete Wingwall	(EA)	4.00	100%	4.00	0%	0.00	0%	0.00	0%	0.00	
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	909 / 4	Pourable Fix Jt.Seal	(LF)	172.00	100%	172.00	0%	0.00	0%	0.00	0%	0.00	
958 / 4 Concrete Cracking SF (EA) 1.00 100% 1.00 0% 0.00 0% 0.00 0% 0.00	The	re is a longitudal joint down the cente	rline - no	problems note	ed.								
	958 / 4	Concrete Cracking SF	(EA)	1.00	100%	1.00	0%	0.00	0%	0.00	0%	0.00	