

OKLAHOMA DEPARTMENT OF TRANSPORTATION -

Bridge Inspection Report

Suff. Rating: 63.7

Health Index :

NBI No.: 12815

Structure No.: 7278 0060SX

Local ID:-1

FO

82.9

IDENTIFICATION				INSPECTION					
Description: 33'-47'-33' CONC. RIGID FRAME SPANS				Type	Insp Req.	Insp Done	Freq:	Insp. Date:	Next Insp.:
1. State: Oklahoma				NBI:		Y	24	9/29/2014	9/29/2016
2. SHD District: Division 8				FC Freq.:	N	N	NA	NA	NA
3. County Code: TULSA				UW Freq.:	N	N	NA	NA	NA
4. Place Code: TULSA				OS Freq.:	N	N	NA	NA	NA
Admin. Area: Unknown									
5. Inventory Route (Route On Structure) : 1 - 1 - 1 - 00044 - 0									
6. Feature Intersected: 33RD WAVE. UNDER									
7. Facility Carried: I-44 I-44									
9. Location: .6 MI E JCT SH 66				11. Mile Post: 0.600 mi					
13. LRS Inv. Route./ Subroute.: 7278 0000 01									
16. Latitude: 36 05 19.75				17. Longitude: 096 01 47.14					
98. Border Br. Code: Jkknown (P) % Resp. : 0				99. Border Br. #: Unknown					
STRUCTURE TYPE AND MATERIALS				CLASSIFICATION					
43. Main Span Material and Design Type				12. Base Hwy Network : On Base Network					
Concrete Continuous Frame				20. Toll Facility: 3 On free road					
44. Approach Span Material and Design Type				21. Custodian: 01State Highway Agency					
Unknown (NBI) Unknown (P)				22. Owner: 01State Highway Agency					
45. No. of Spans Main Unit: 3				26. Functional Class: 11 Urban Interstate					
46. No. of Approach Spans: 0				37. Historical Sig.: 5 Not eligible for NRHP					
107. Deck Type: 1 Concrete-Cast-in-Place				100. Defense Highway: 1 On Interstate STRAI					
108A. Wearing Surface: 6 Bituminous				101. Parallel Structure: Right of bridge					
108B. Membrane: 8 Unknown				102. Dir. of Traffic: 1 1-way traffic					
108C. Deck Protection: 8 Unknown				103. Temp. Structure: Not Applicable (P)					
				104. Highway System: 1 On the NHS					
				105. Fed. Land Hwy 0 N/A (NBI)					
				110. National Truck Network: 1 Part of natl ne					
				112. NBIS Length: Long Enough					
				CONDITION					
				58. Deck: 5 Fair					
				59. Super.: 5 Fair					
				60. Sub.: 5 Fair					
				62. Culvert: N N/A (NBI)					
				61. Channel/Channel Protection: N N/A (NBI)					
				Flowline Notes:					
AGE AND SERVICE				LOAD RATING AND POSTING					
27. Year Built: 1952				106. Year Reconstructed: Unknown					
28A. Lanes on: 2				28B. Lanes Under: 2					
19. Detour Length: 0.1 mi									
29. ADT: 21200				30. Year of ADT: 2012					
109. Truck ADT %: 12									
42A. Type of Service on: 1 Highway									
42B. Type of Service under: 1 Highway									
GEOMETRIC DATA				PROPOSED IMPROVEMENTS					
10. Inv. Rte. Min. Vert. Clr.: 328.1 ft				31. Design Load: 5 MS 18 (HS 20)					
32. Approach Roadway Width (W/ Shoulders): 44.0 ft				41. Posting status: A Open, no restriction					
Deck Area: 3,659.7 sq. ft				63. Op. Rating Method: 2 AS Allow. Stress-To					
33. Median: 1 Open median				Alt. Op. Rating Meth.: 2 AS Allow. Stress-T					
34. Skew: 0				64. Operating Rating (H / HS / 3-3):					
35. Structure Flared: 0 No flare				27.0 48.6 -1.1					
47. Inv. Rte. Total Horiz. Clr.: 26.9 ft				66. Inventory Rating (H / HS / 3-3):					
48. Length Maximum Span: 45.9 ft				16.2 35.7 -1.1					
49. Structure Length: 113.8 ft				65. Inv. Rating Method: 2 AS Allow. Stress-To					
50A. Curb/Sdwk Width L: 0.0 ft				Alt. Inv. Rating Meth.: 2 AS Allow. Stress-T					
50B. Curb/Sidewalk Width R: 0.0 ft				70. Posting: 5 At/Above Legal Loads					
51. Width Curb to Curb: 26.9 ft				Date Rated : 1/1/1901					
52. Width Out to Out: 32.2 ft									
53. Minimum Vertical Clearance Over Bridge: 328.1 ft				94. Bridge Cost: \$744,020					
54A/54B. Min. Vert. Underclearance : H Hwy beneath struct 16.1 ft				75. Type of Work: 31 Repl-Load Capacit					
				95. Roadway Cost: \$1,227,633					
				76. Lgth. of Improvment: 190.3 ft					
				96. Total Cost: \$2,083,256					
				114. Future ADT: 33920					
				97. Year of Cost Est.: 2007					
				115. Year of Future ADT: 2032					
				NAVIGATION DATA					
				38. Navigation Control: NA-no waterway					
				39. Vertical Clearance: 0.0 ft					
				40. Horizontal Clearance: 0.0 ft					
				111. Pier Protection: 1 Not Required					
				116. Lift Bridge Vert. Clear.: 0.0 ft					
				APPRAISAL					
				36A. Bridge Rail: 1 Meets Standards					
				36C. Approach Rail: 0 Substandard					
				36B. Transition: 0 Substandard					
				36D. Approach Rail Ends: 0 Substandard					
				67. Str. Evaluation: 5 Above Min Tolerable					
				68. Deck Geometry: 2 Intolerable - Replace					
				69. Underclearance, Vertical and Horizontal: 5 Above Tolerable					
				71. Waterway Adequacy: N Not applicable					
				72. Approach Alignment: 8 Equal Desirable Crit					
				113. Scour Critical: N Not Over Waterway					
200c. Temperature: 75				214a. Posted Weight Limit: NR					
200d. Weather: CLEAR				b. Posted Speed Limit : NR					
201. Structural Steel ASTM Desig.: -1 -1				c. Narrow/One Lane Bridge sign : N					
202. Waterproof Membrane : -1				d. Vertical Clearance Sign: YES					
Date Installed : 1/1/1901				Advanced Warning Sign : NO					
203. Type Exp. Dev. : Pourable				Min. Measured Clearance : 1601					
				Max. Measured Clearance : 1604					
				e. Navigation Lights : -					
				Working/Not Working : -					
204. Type of Handrail: Concrete Parapet - No rail				215. Overpass : A - Interstate					
205. Material and Quantity : -1.0				221. Substructure Cond. (U/W) : -					
208. Type of Abutment : Skeleton				222. Fill over RCB: -1					
Type of Foundation : Concrete Piling				223. Appr. Slab/Rdwy Cond.: Poor					
209. Type of Pier / Found.: 1 Pier -				224. Critical Feature Type: -1					
No Piling or Drilled Shaft				225. Paint Type : -					
210. Foundation Elev. 6980.0 6950.0				Overcoat : 0					
6957.0 6978.0 -1.0				226. Date Painted: -1					
				227. Paint Coloring: -1					
211. Wear. Surf. Prot. System : None				233. Deck Forming: Conventional Forming					
Date Installed : 1/1/1901				236. Deck Cleaning : -1					
213. Utilities Attached : -1				238. School Bus Rte: Current and Desired Route					
-1 -1 -1				240. Appr. Roadway Type: Asphalt/Bituminous					
-1 -1 -1				243. Girder Spacing/Number : -1.0 / -1					
				244. Span Lengths :					
				33 -1 -1					
				47 -1 -1					
				33 -1 -1					
				245. Girder Depth : -1.000					
				246. Type of Overlay : AC Over					
				246. Overlay Thickness : 2.0					
				246. Overlay Date : 1/1/2002					
				246. Overlay Depth Changed > 1"? -					
				247. Protective Systems : 1: -					
				2: - 3: -					
				4: - 5: -					
				248. No. of Field Splices w/ Corrosion : -1					
				249. Scour Crit. POA exists?: -					
				250. Culvert Headwall Dist.: -1.0					
				254. Thru Truss Type : -					
				256. Chan. Profile Up/Down Stream?: -					
				257a. OkiePROS Auto. Truck Routing - Yes					
				258. Plans w/ found. are in file at ODOT					
				259. Scour Eval. is in file at ODOT					
				263. Interchange at Intersection Y					
				264. Interstate Milepoint 223.39					

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Health Index :
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NBI No.: 12815 Structure No.: 7278 0060SX Local ID:-1

Inspection Date: 9/29/2014 Reported By: UFD8003

Invoice No.: -1 Inspected With: -1

Agency :

Structure / Inspection Notes

< none >

Elm.	Env.	Description	Un.	Qty.	Qty.St. 1	% 1	Qty.St. 2	% 2	Qty.St. 3	% 3	Qty.St. 4	% 4	Qty.St. 5	% 5
38	4	Reinforced Concrete Slab	(SF)	3,078	0	0 %	2,770	90 %	308	10 %	0	0 %	0	0 %
205	4	Reinforced Conc Column or Pile Extension	(EA)	5	3	60 %	2	40 %	0	0 %	0	0 %	0	0 %
210	4	Reinforced Conc Pier Wall	(LF)	59	50	85 %	9	15 %	0	0 %	0	0 %	0	0 %
215	4	Reinforced Conc Abutment	(LF)	66	1	1 %	53	81 %	12	18 %	0	0 %	0	0 %
301	4	Pourable Joint Seal	(LF)	52	0	0 %	0	0 %	0	0 %	52	100 %	0	0 %
321	4	Reinforced Conc Approach Slab w/ or w/o AC O	(EA)	2	2	100 %	0	0 %	0	0 %	0	0 %	0	0 %
331	4	Reinforced Conc Bridge Railing	(LF)	226	226	100 %	0	0 %	0	0 %	0	0 %	0	0 %
510	4	Wearing Surfaces	(SF)	3,078	0	0 %	2,770	90 %	308	10 %	0	0 %	0	0 %
659	4	Soffit of Concrete Decks and Slabs	(EA)	1	0	0 %	1	100 %	0	0 %	0	0 %	0	0 %

Additional
Elements

Elem.	Element Notes (Include Size and Location of Deterioration)
38	FX:SEVERAL POTHOLES.
205	< none >
210	FX:E. WALL MINOR CRACKS W/EFFL.
215	FX:W.Abut,backfill eroded, both Abut's.,spalls,rebar exposed,Both Cor.'s.
301	FX:POURABLE JTS.FAILED,SHOW SIGNS OF LEAKAGE.
321	< none >
331	< none >
510	FX:SEVERAL POTHOLES.
659	FX:SOFFIT SPALLS & CRACKS W/EFFLOR.

Roadway Name : 33RD W AVE. UNDER

NBI Information Applicable To The Route Under The Structure

5. Inventory Route (Route Under Structure : 2 - 5 - 1 - 00000 - 0

10. Min. Vert. Clr.(ft.): 16.1

12. Base Hwy Network : Not on Base Network

13. LRS Inv. Rt./ Subroute : -1 / -1

19. Detour Len.(Mi.): 0.0

20. Toll Facility : 3 On free road

26. Function Class.: 17 Urban Collector

28b. Lanes Und.: 2

29. ADT : 800

32. Appr. Roadway Width (ft.) : 28.0

47. Total Horiz. Clr.(ft.): 28.0

51. Roadway Width (ft.) : 28.0

100. Defense Highway : 0 Not a STRAHNET hwy

102. Traffic Dir.: 2 2-way traffic

104. Highway System : 0 Not on NHS

105. Fed Land Hwy : 0 N/A (NBI)

109. Truck ADT% : 5

110. Natl. Truck Network : 0 Not part of natl netwo

114. Future ADT : 1280

Agency Field: 1.(Under Rte.): U

2.(Vert. X-Ref.): -1

3.(Compass Dir.): N

4.(Vert. Post. Inc.): 1500

5.(Vert. Post. Dec.): 1500