

OKLAHOMA DEPARTMENT OF TRANSPORTATION - Bridge Inspection Report

Suff. Rating: 98.8

Health Index :

NBI No.: **03896**

Structure No.: 0814 1774 X

Local ID: 43

ND

100.0

IDENTIFICATION

Description: 2-10'X 5'X 89' R.C.BOX

1. State: Oklahoma 2. SHD District: Division 7

3. County Code: CADD0 4. Place Code: Unknown

Admin. Area: Unknown

5. Inventory Route (Route On Structure) : 1 - 2 - 1 - 00281 - 0

6. Feature Intersected: CREEK

7. Facility Carried: U.S. 281 US 281

9. Location: .3 W CANADIAN C/L 11. Mile Post: 17.736 mi

13. LRS Inv. Route./ Subroute.: 0814 0000 03

16. Latitude: 35 32 12.92 17. Longitude: 098 19 38.56

98. Border Br. Code: Unknown (P) % Resp. : 0 99. Border Br. #: Unknown

INSPECTION

Type	Insp Req.	Insp Done	Freq:	Insp. Date:	Next Insp.:
NBI:		Y	24	9/15/2014	9/15/2016
FC Freq.:	N	N	NA	NA	NA
UW Freq.:	N	N	NA	NA	NA
OS Freq.:	N	N	NA	NA	NA

STRUCTURE TYPE AND MATERIALS

43. Main Span Material and Design Type
Concrete Culvert

44. Approach Span Material and Design Type
Not Applicable (P) Not Applicable (P)

45. No. of Spans Main Unit: 2 46. No. of Approach Spans: 1

107. Deck Type: N N/A (NBI)

108A. Wearing Surface: N N/A (no deck (NBI))

108B. Membrane: N N/A (no deck (NBI))

108C. Deck Protection: N N/A (no deck (NBI))

CLASSIFICATION

12. Base Hwy Network : On Base Network 20. Toll Facility: 3 On free road

21. Custodian: 01State Highway Agency 22. Owner: 01State Highway Agency

26. Functional Class: 06 Rural Minor Arterial 37. Historical Sig.: 4 Hist sign not determin

100. Defense Highway: 0 Not a STRAHNET hwy 101. Parallel Structure: No || bridge exists

102. Dir. of Traffic: 2 2-way traffic 103. Temp. Structure: Not Applicable (P)

104. Highway System: 0 Not on NHS 105. Fed. Land Hwy 0 N/A (NBI)

110. National Truck Network: 0 Not part of nat'l network 112. NBIS Length: Long Enough

CONDITION

58. Deck: N N/A (NBI) 59. Super.: N N/A (NBI) 60. Sub.: N N/A (NBI)

62. Culvert: 8 No Major Problem 61. Channel/Channel Protection: 5 Bank Prot Eroded

Flowline Notes:

AGE AND SERVICE

27. Year Built: 1933 106. Year Reconstructed: -4

28A. Lanes on: 2 28B. Lanes Under: 0 19. Detour Length: 11.8 mi

29. ADT: 1400 30. Year of ADT: 2012 109. Truck ADT %: 16

42A. Type of Service on: 1 Highway

42B. Type of Service under: 5 Waterway

LOAD RATING AND POSTING

31. Design Load: 4 M 18 (H 20) 41. Posting status: A Open, no restriction

63. Op. Rating Method: 2 AS Allow. Stress-Tc Alt. Op. Rating Meth.: 2 AS Allow. Stress-T

64. Operating Rating (H / HS / 3-3) : 33.0 49.0 -1.1

66. Inventory Rating (H / HS / 3-3) : 19.9 36.0 -1.1

65. Inv. Rating Method: 2 AS Allow. Stress-Tc Alt. Inv. Rating Meth.: 2 AS Allow. Stress-T

70. Posting: 5 At/Above Legal Loads Date Rated : 1/1/1901

GEOMETRIC DATA

10. Inv. Rte. Min. Vert. Clr.: 328.1 ft

32. Approach Roadway Width (W/ Shoulders): 30.0 ft

Deck Area: . sq. ft 33. Median: 0 No median

34. Skew: 0 35. Structure Flared: 0 No flare

47. Inv. Rte. Total Horiz. Clr.: 30.0 ft

48. Length Maximum Span: 9.8 ft 49. Structure Length: 23.0 ft

50A. Curb/Sdwk Wdth L: 0.0 ft 50B. Curb/Sidewalk Width R: 0.0 ft

51. Width Curb to Curb: 0.0 ft 52. Width Out to Out: 0.0 ft

53. Minimum Vertical Clearance Over Bridge: 328.1 ft

54A/54B. Min. Vert. Underclearance : N Feature not hwy or RR 0.0 ft

Meas.	N/E	S/W	Meas.	N/E	S/W
Post.	-1	-1	-1	-1	-1

55A/55B. Minimum Lateral Underclearance R: N Feature not hwy or RR 0.0 ft

56. Minimum Lateral Underclearance L: 0.0 ft

PROPOSED IMPROVEMENTS

94. Bridge Cost: \$230,000 75. Type of Work: 33 Widen w/o Deck R

95. Roadway Cost: \$379,500 76. Lgth. of Improvement: 23.0 ft

96. Total Cost: \$644,000 114. Future ADT: 2240

97. Year of Cost Est.: 2007 115. Year of Future ADT: 2032

NAVIGATION DATA

38. Navigation Control: Permit Not Required

39. Vertical Clearance: 0.0 ft 40. Horizontal Clearance: 0.0 ft

111. Pier Protection: Not Applicable (P) 116. Lift Bridge Vert. Clear.: 0.0 ft

APPRAISAL

36A. Bridge Rail: N N/A or not required 36C. Approach Rail: N N/A or not requi

36B. Transition: N N/A or not required 36D. Approach Rail Ends: N N/A or not requi

67. Str. Evaluation: 8 Equal Desirable Crit 68. Deck Geometry: N Not applicable (NBI)

69. Underclearance, Vertical and Horizontal: N Not applicable (NBI)

71. Waterway Adequacy: 8 Equal Desirable

72. Approach Alignment: 8 Equal Desirable Crit

113. Scour Critical: 8 Stable Above Footing

200c. Temperature: 71

200d. Weather: CLEAR

201. Structural Steel ASTM Desig.: -1 -1

202. Waterproof Membrane : -1

Date Installed : 1/1/1901

203. Type Exp. Dev. : Open Joint - No Device

204. Type of Handrail: No Rail

205. Material and Quantity : -1.0

208. Type of Abutment : Other

Type of Foundation : Natural Foundation Matl.

209. Type of Pier / Found.: - -

210. Foundation Elev. -1.0 -1.0

-1.0 -1.0 -1.0

211. Wear. Surf. Prot. System : None

Date Installed : 1/1/1901

213. Utilities Attached : -1

-1 -1 -1

-1 -1 -1

214a. Posted Weight Limit: NR

b. Posted Speed Limit : N

c. Narrow/One Lane Bridge sign : N

d. Vertical Clearance Sign: NO

Advanced Warning Sign : NO

Min. Measured Clearance : -1

Max. Measured Clearance : -1

e. Navigation Lights : NO

Working/Not Working : NO

215. Overpass : C - US Highway

221. Substructure Cond. (U/W) : -

222. Fill over RCB: 20

223. Appr. Slab/Rdwy Cond.: Good

224. Critical Feature Type: -1

225. Paint Type : -

Overcoat : -

226. Date Painted: -1

227. Paint Coloring: -1

233. Deck Forming: -

236. Deck Cleaning : -1

238. School Bus Rte: Current and Desired Route

240. Appr. Roadway Type: Asphalt/Bituminous

243. Girder Spacing/Number : -1.0 / -1

244. Span Lengths :

-1 -1 -1

-1 -1 -1

-1 -1

245. Girder Depth : -1.000

246. Type of Overlay : -

246. Overlay Thickness : -1.0

246. Overlay Date : 1/1/1901

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?: No

250. Culvert Headwall Dist.: 89.0

254. Thru Truss Type : -

256. Chan. Profile Up/Down Stream?: -

257a. OkiePROS Auto. Truck Routing - Culv

258. Plans w/ found. are in file at ODOT N

259. Scour Eval. is in file at ODOT N

263. Interchange at Intersection N

264. Interstate Milepoint -1.00

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NBI No.: **03896** Structure No.: 0814 1774 X Local ID: 43

Inspection Date: 9/15/2014 Reported By: MBALDWIN
 Invoice No.: 13077-09 Inspected With: MICHAEL DAUGHERTY
 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
241	1	Reinforced Concrete Culvert	(LF)	177	177	100 %	0	0 %	0	0 %	0	0 %	0	0 %
965	1	Debris	(EA)	1	0	0 %	0	0 %	1	100 %	0	0 %	0	0 %

Additional Elements _____

Elem.	Element Notes (Include Size and Location of Deterioration)
241	< none >
965	FX-48 INCHES OF SILT IN NORTH CELL - SOUTH CELL IS COMPLETELY FULL TO CEILING



Caddo-ON
43



