

STATE OF OHIO DEPARTMENT OF TRANSPORTATION BRIDGE INSPECTION FIELD REPORT

Structure File Number: 4300157

Inventory Bridge Number: LAK 00002 01.050 L

Bridge Type: 1 - CONCRETE/1 - SLAB/2 - CONTINUOUS

Sufficiency Rating: 59.7

Date Built: 7/1/1962

District: 12 Place Code (FIPS): WICKLIFFE

SR 2 over WORDEN RD

Type of Service on: HIGHWAY

APPROACH ITEMS

- c1. Approach Wearing Surface (EA)
- c2. Approach Slabs (SF)
- c3. Relief Joint (LF)
- c4. Embankment (EA) d
- c5. Guardrail (EA)
- N36. Safety Features:
Tr, Gr, Tm
- c6. Approach Summary

QTY.	condition state				cr
	1	2	3	4	TR
2	0	2			2.00
2700	2565	135	0	0	1.07
4	4				1.00
4	4	0	0	0	1.00
36)B <u> 1 </u> 36)C <u> 1 </u> 36)D <u> 1 </u>					(9-0) <u> 6 </u>

DECK ITEMS

- c7.1 Floor/Slab (SF)
- c7.2 Edge of Floor/Slab (LF)
- c8. Wearing Surface (SF)
- c9. Curb/Sidewalk/Walkway (LF)
- c10. Median (LF)
- c11. Railing (LF)
- N36. Safety Features: Rail
- c12. Drainage (EA) d
- c13. Expansion Joint (LF) d
- N58. Deck Summary

QTY.	condition state				cr
	1	2	3	4	TR
7392	1848	3696	739.2	1108.	4.00
264	250.8	13.2		8	1.07
7128	6771.	356.4			1.07
	6				
	NaN	0	0	0	
264	248.2	13.2	2.6		1.23
36)A <u> 1 </u>					
7	0	7			2.00
112	112	0	0	0	1.00
N58. Deck Summary					(9-0) <u> 5 </u>

SUPERSTRUCTURE ITEMS

- c14. Alignment (EA) d
- c15.1 Beams/Girders (LF)
- c15.2 Slab (SF)
- c16. Diaphragm/X-Frames (EA)
- c17. Stringers (LF)
- c18. Floorbeams (LF)
- c19. Truss Verticals (EA)
- c20. Truss Diagonals (EA)
- c21. Truss Upper Chord (EA)
- c22. Truss Lower Chord (EA)
- c23. Truss Gusset Plate (EA) d
- c24. Lateral Bracing (EA)
- c25. Sway Bracing (EA)
- c26. Bearing Devices (EA) d
- c27. Arch (LF)
- c28. Arch Column/Hanger (EA)
- c29. Arch Spandrel Walls (LF)
- c30. Prot. Coating System (LF) d
- c31. Pins/Hangers/Hinges (EA) d
- c32. Fatigue (LF) d
- N59. Superstructure Summary

QTY.	condition state				cr
	1	2	3	4	TR
3	3	0	0	0	1.00
	NaN	0	0	0	
7392	1848	3696	739.2	1108.	4.00
				8	
0.00					
0.00	0.00				
0.0	0				
N59. Superstructure Summary					(9-0) <u> 5 </u>

SUBSTRUCTURE ITEMS

- c33. Abutment Walls (LF)
- c34. Abutment Caps (LF)
- c35. Abut. Columns/Bents (EA)
- c36. Pier Walls (LF)
- c37. Pier Caps (LF)
- c38. Pier Columns/Bents (EA)
- c39. Backwalls (LF)
- c40. Wingwalls (EA)
- c42. Scour (EA) d
- c43. Slope Protection (EA) d
- N60. Substructure Summary

QTY.	condition state				cr
	1	2	3	4	TR
112.43	39.3	56.2	16.9		2.41
	NaN	0	0	0	
	NaN	0	0	0	
	NaN	0	0	0	
112.4	106.8	5.6			1.07
10	2	8			1.86
4	4	0	0	0	1.00
2	0	2	0	0	2.00
N60. Substructure Summary					(9-0) <u> 6 </u>

CULVERT ITEMS

- c44. General (LF)
- c45. Alignment (LF) d
- c46. Shape (LF) d
- c47. Seams (LF) d
- c48. Headwall/Endwall (LF)
- c49. Scour (LF) d
- c50. Abutments (LF)
- N62. Culvert Summary

QTY.	condition state				cr
	1	2	3	4	TR
N62. Culvert Summary					(9-0) <u> N </u>

CHANNEL ITEMS

- c51. Alignment (LF) d
- c52. Protection (LF) d
- c53. Hydraulic Opening (EA) d
- c54. Navigation Lights (EA) d
- N61. Channel Summary

QTY.	condition state				cr
	1	2	3	4	TR
N61. Channel Summary					(9-0) <u> N </u>

SIGN/UTILITY ITEMS

- c55. Signs (EA) d
- c56. Sign Supports (EA) d
- c57. Utilities (LF) d

QTY.	condition state				cr
	1	2	3	4	TR
2	1	0	0	1	3.00
	NaN	0	0	0	
112.4	112.4	0	0	0	1.00
General Appraisal					(9-0) <u> 5 </u>
N41. Operating Status					<u> A </u>

General Appraisal

N41. Operating Status

Inspector Name Banaszak, Ken
Inspection Date/Type 08/09/2016 Routine
PE Number
Reviewer Name Seif, Youssef
Review Date 09/02/2016
PE Number 59487

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Key: "Qty" = Quantity for Element Level inspection; "(LF)" = Linear Feet; "(SF)" = Square Feet; "(EA)" = Each or count; "CR" = 1-4 Condition Rating or average of worst span unless Summary item 9-0, then the average of entire bridge influenced by the bold boxes; "TR" = Transition Rating or weighted average of condition states; "d" = dedicated or specific chart and guidance, all others use Material specific chart/guidance; "c" = condition prefix; "N" = NBIS rating

Inspection Procedures

Comments

APPROACH

c1. Approach Wearing Surface

INSPECTED WITH DB IN 2016.
CRACKS, SOME SEALED. ASPHALT PATCHES & MINOR BREAK UP ALONG
SLABS.

c2. Approach Slabs

A FEW CRACKS. TAR PATCH IN REAR LANE #3.

DECK

c7.1 Floor/Slab

SEE SLAB COMMENTS.

c7.2 Edge of Floor/Slab

A FEW CRACKS. MINOR SPALLS & DELAMS.

c8. Wearing Surface

A FEW CRACKS.

c11. Railing

THRU CRACK TO REAR-RIGHT PARAPET. OTHER AREAS OF VERTICAL
CRACKS. COLLISION SCRAPES. SPALL TO OUTSIDE OF FORWARD-RIGHT
RAILING.

c12. Drainage

RUSTING SECTION LOSS WITH THRU HOLES TO DOWNSPOUTS. PARTIALLY
PLUGGED SCUPPERS.

SUPERSTRUCTURE

c15.2 Slab

HEAVY SPALLING WITH 360° EXPOSURE OF LONGITUDINAL REBAR (WITH
RUSTING SECTION LOSS) ALONG BOTH ABUTMENTS & THE LONGITUDINAL
CONSTRUCTION JOINT IN SPAN 2 (SEALER PREVIOUSLY APPLIED TO REBAR
IS STARTING TO RUST AGAIN). 8' OF LONGITUDINAL REBAR IS MISSING
ALONG THE LONGITUDINAL CONSTRUCTION JOINT OVER SB TRAFFIC.
CRACKS, SOME LEACHING. A FEW DELAMS. 2/3 OF SPAN 2 IS MOTTLED.
NOTE: SPAN 2 SOUNDED / MARKED IN 4/2016.

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SUBSTRUCTURE

c33. Abutment Walls

LEACHING CRACKS WITH EFFLORESCENCE & RUST STAINS. A FEW DELAMS
& SPALLS. MINOR SEAT LOSS ALONG REAR ABUTMENT.

c38. Pier Columns/Bents

A FEW CRACKS. SPALLS / DETERIORATION @ BASES OF SOME COLUMNS.
DELAMS ON P1C2, P2C1 & C5.

c37. Pier Caps

A FEW CRACKS. MINOR DELAMS ON P2 CAP.

c40. Wingwalls

A FEW CRACKS.

c43. Slope Protection

A FEW CRACKS. MINOR SPALLS. FORWARD SLOPE HAS SLID AS MUCH AS 5".