# STATE OF OHIO DEPARTMENT OF TRANSPORTATION BRIDGE INSPECTION FIELD REPORT

SR 2 over WORDEN RD

Structure File Number: 4300157

Inventory Bridge Number: LAK 00002 01.050 L Date Built: 7/1/1962

Sufficiency Rating: 59.7

District: 12 Place Code (FIPS): WICKLIFFE

**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

#### **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

#### 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
NEQ. Superstructure Summary

N59. Superstructure Summary

	C	onditio	on stat	e	cr
QTY.	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

)B	1	36)C	1	36)D	1
				(9-0)	) 6
		con	dition	state	cr

36

	0	ontantic	motu	.0	01
QTY.	1	2	3	4	TR
7392	1848	3696	739.2		4.00
264	250.8	13.2		8	1.07
7128	6771. 6	356.4			1.07
	NaN	0	0	0	
264	248.2	13.2	2.6		1.23
36)A 1					
7	0	7			2.00
112	112	0	0	0	1.00
				(9-0)	5

condition state cr QTY 1 2 3 4 TR 3 1.00 3 0 0 0 NaN 0 0 0 7392 1848 3696 739.2 1108 4.00 8 0.00 0.00 0.00 0.0 0 (9-0)5

c33. Abutment Walls (LF) =) ts (EA) 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

### **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

## **CHANNEL ITEMS**

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

# SIGN/UTILITY ITEMS

c55. Signs (EA) d c56. Sign Supports (EA) d c57. Utilities (LF) d **General Appraisal** 

N41. Operating Status **Inspector Name** 

### Inspection Date/Type **PE Number Reviewer Name Review Date PE Number**

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

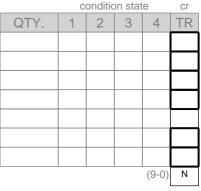
Type of Service on: HIGHWAY

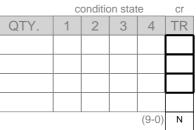
# SUBSTRUCTURE ITEMS

#### QTY 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 1.00 0 2 0 2 0 0 2.00 6 (9-0)

condition state

cr





#### condition state cr QTY 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 5 (9-0)А Banaszak, Ken

08/09/2016	Routine
Seif, Youssef	
09/02/2016	
59487	

1.07	c34. Abutment Caps (LF
	c35. Abut. Columns/Ben
00.1	c36. Pier Walls (LF)

# STATE OF OHIO DEPARTMENT OF TRANSPORTATION BRIDGE INSPECTION FIELD REPORT

Structure File Number: 4300157

Inventory Bridge Number: LAK 00002 01.050 L

Sufficiency Rating: 59.7

District: 12 Place Code (FIPS): WICKLIFFE

Date Built: 7/1/1962

CONTINUOUS
Type of Service on: HIGHWAY

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

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

SR 2 over WORDEN RD

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.

## STATE OF OHIO DEPARTMENT OF TRANSPORTATION BRIDGE INSPECTION FIELD REPORT

Structure File Number: 4300157

Inventory Bridge Number: LAK 00002 01.050 L

Sufficiency Rating: 59.7

District: 12 Place Code (FIPS): WICKLIFFE

Date Built: 7/1/1962

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

SR 2 over WORDEN RD

Type of Service on: HIGHWAY

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".