



STATE OF OHIO DEPARTMENT OF TRANSPORTATION
BRIDGE INSPECTION REPORT

Structure File Number: 4303040

Inventory Bridge Number: LAK 00084 18.880 N

SR 84 over GRAND RIVER

Inspection Type: Routine

Inspection Date: 09/23/2014

District: 12

County: LAKE

Place Code (FIPS): PAINESVILLE

Bridge Type: PRESTRESSED CONCRETE

Type of Service: HIGHWAY

Owner: OHIO STATE TRANSPORTATION DEPARTMENT

Inspection Responsibility: OHIO STATE TRANSPORTATION
DEPARTMENT

Maintenance Responsibility: OHIO STATE TRANSPORTATION
DEPARTMENT

Lead Inspector: Sutak, Mike

Reviewed By: Seif, Youssef

**STATE OF OHIO DEPARTMENT OF TRANSPORTATION
APPROACH INSPECTION**

Structure File Number: 4303040

Inventory Bridge Number: LAK 00084 18.880 N

Bridge Type: 2 - PRESTRESSED CONCRETE/2 -
BEAM/1 - SIMPLE

Sufficiency Rating: 79.0

Date Built: 8/16/2006

District: 12 Place Code (FIPS): PAINESVILLE

SR 84 over GRAND RIVER

Type of Service on: HIGHWAY

APPROACH

(c6) Approach Summary: 6

Recommended: 5,6

c1. Approach Wearing Surface (EA)

Total Quantity	Condition Rating
2	1

INSPECTED WITH DB IN 2014.
A FEW CRACKS.

c2. Approach Slabs (SF)

Total Quantity	Condition Rating
0	2

BOUNCE ONTO & OFF OF BRIDGE. FULL WIDTH TRANSVERSE CRACKS @ REAR. LONGITUDINAL CRACKS @ FORWARD.

c4. Embankment (EA)

Total Quantity	Condition Rating
4	1

c5. Guardrail (EA)

Total Quantity	Condition Rating
0.00	1

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APPROACH INSPECTION PHOTOS**

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**STATE OF OHIO DEPARTMENT OF TRANSPORTATION
DECK INSPECTION**

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DECK

(58) NBIS Deck Summary: 8

Recommended: 7,8,9

c7.1 Floor/Slab (SF)

Total Quantity	Condition Rating
30919.01	1

MINOR CRACKS. FLOOR IS <1% DETERIORATED.

c7.2 Edge of Floor/Slab (LF)

Total Quantity	Condition Rating
1472.33	1

c8. Wearing Surface (SF)

Total Quantity	Condition Rating
20612.68	1

MINOR CRACKS. LIGHT SCALING. WS IS <1% DETERIORATED.

c9. Curb/Sidewalk/Walkway (LF)

Total Quantity	Condition Rating
1472.34	1

DEBRIS TO LEFT SIDEWALK.

c11. Railing (LF)

Total Quantity	Condition Rating
1472.33	1

VERTICAL CRACKS. PEELED TOP COAT TO BOTH STEEL RAILS.

c12. Drainage (EA)

Total Quantity	Condition Rating
0.00	2

ISOLATED SMALL PONDING ALONG CURBS.

c13. Expansion Joint (LF)

Total Quantity	Condition Rating
0.00	1

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DECK

GOUGES TO FORWARD RISER BAR.

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**STATE OF OHIO DEPARTMENT OF TRANSPORTATION
SUPERSTRUCTURE INSPECTION**

Structure File Number: 4303040 Inventory Bridge Number: LAK 00084 18.880 N Bridge Type: 2 - PRESTRESSED CONCRETE/2 - BEAM/1 - SIMPLE
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SUPERSTRUCTURE

(59) NBIS Superstructure Summary: 8

Recommended: 7,8,9

c14. Alignment (EA)

Total Quantity	Condition Rating
7	1

c15.1 Beams/Girders (LF)

Total Quantity	Condition Rating
0.00	1

SMALL SPALLS ON LOWER FLANGES OF FASCIA BEAMS.

c16. Diaphragm/Cross Frames (EA)

Total Quantity	Condition Rating
0.00	1

A FEW CRACKS. 5 SF SPALL TO CONCRETE DIAPHRAGM IN BAY #2 OVER P1.

c26. Bearing Devices (EA)

Total Quantity	Condition Rating
0.00	1

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SUBSTRUCTURE

(60) NBIS Substructure Summary: 7

Recommended: 7,8,9

c33. Abutment Walls (LF)

Total Quantity	Condition Rating
84	1

A FEW CRACKS.

c35. Abutment Columns/Bents (EA)

Total Quantity	Condition Rating
0.00	

c34. Abutment Caps (LF)

Total Quantity	Condition Rating
84	

c38. Pier Columns/Bents (EA)

Total Quantity	Condition Rating
0.00	

c36. Pier Walls (LF)

Total Quantity	Condition Rating
168	1

CRACKS.

c37. Pier Caps (LF)

Total Quantity	Condition Rating
168	1

CRACKS.

c39. Backwalls (LF)

Total Quantity	Condition Rating
84	1

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SUBSTRUCTURE

c40. Wingwalls (EA)

Total Quantity	Condition Rating
0.00	1

c42. Scour (EA)

Total Quantity	Condition Rating
8	1

SCOUR HOLES AS DEEP AS 6' @ UPSTREAM NOSES OF PIERS 1, 2 & 3. P2 FOOTER EXPOSED AS MUCH AS 4" ON UPSTREAM NOSE CONTINUING ON SOUTH FACE TO DOWNSTREAM NOSE. P3 FOOTER EXPOSED AS MUCH AS 14" ON UPSTREAM NOSE CONTINUING ON SOUTH FACE TO MID PIER.
DIVE INSPECTION BY GPI.

c43. Slope Protection (EA)

Total Quantity	Condition Rating
0.00	1

A FEW STONES HAVE WASHED AWAY.

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**STATE OF OHIO DEPARTMENT OF TRANSPORTATION
SIGNS/UTILITIES INSPECTION**

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SIGNS/UTILITIES

(41) Open, Posted or Closed: A

c55. Signs (EA)

Total Quantity	Condition Rating
0.00	4

NO BRIDGE END MARKERS.

c56. Sign Supports (EA)

Total Quantity	Condition Rating
0.00	1

c57. Utilities (LF)

Total Quantity	Condition Rating
0.00	2

SOME MISALIGNMENT OF 16" PIPE IN BAY #3 WITH CONSTANT LEAKING @ THE RELIEF VALVE IN SPAN 6.

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SIGNS/UTILITIES INSPECTION PHOTOS**

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REVIEW**

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