

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

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

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 MG IN 2015.
A FEW CRACKS.

c2. Approach Slabs

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

DECK

c7.1 Floor/Slab

MINOR CRACKS. FLOOR IS <1% DETERIORATED.

c8. Wearing Surface

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

c9. Curb/Sidewalk/Walkway

DEBRIS AND SCALED AREAS TO LEFT SIDEWALK.

c11. Railing

VERTICAL CRACKS. PEELED TOP COAT TO BOTH STEEL RAILS.

c12. Drainage

ISOLATED SMALL PONDING ALONG CURBS.

c13. Expansion Joint

GOUGES TO FORWARD RISER BAR.

SUPERSTRUCTURE

c15.1 Beams/Girders

SMALL SPALLS ON LOWER FLANGES OF FASCIA BEAMS.

c16. Diaphragm/Cross Frames

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

SUBSTRUCTURE

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

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

c33. Abutment Walls

A FEW CRACKS.

c36. Pier Walls

CRACKS.

c37. Pier Caps

CRACKS.

c42. Scour

SCOUR HOLES AS DEEP AS 6' AT UPSTREAM NOSES OF PIERS 1 & 2. P2 FOOTING EXPOSED AS MUCH AS 4" ON UPSTREAM NOSE CONTINUING ON SOUTH FACE TO DOWNSTREAM NOSE. SOME LOG DEBRIS CAUGHT ON UPSTREAM NOSE OF P2. P3 FOOTING EXPOSED AS MUCH AS 14" ON UPSTREAM NOSE CONTINUING ON SOUTH FACE TO MID PIER. DIVE INSPECTION BY GPI IN 2014.

c43. Slope Protection

A FEW STONES HAVE WASHED AWAY.

CHANNEL

c51. Alignment

CHANNEL MAKES 90 DEGREE BEND JUST UPSTREAM OF BRIDGE. BRAIDED CHANNEL DURING HIGH FLOW. SOME DIAGONAL FLOW INTO PIER STEMS 1 & 2.

c52. Protection

LARGE STONE AROUND BASES OF PIERS 4, 5 & 6 HAVE PARTIALLY WASHED AWAY.

c53. Hydraulic Opening

TREES & DEBRIS AS HIGH AS 10' IN SPANS 4 & 5 BLOCK 5% OF CHANNEL (THIS IS AT THE OVERFLOW AREA). TREE SNAGGED ON UPSTREAM NOSE OF P2.