

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			
		ON	
Structure File Number: 4303040	Inventory Bridge Number: LAK 00084 18.880 N	Bridge Type: 2 - PRESTRESSED CONCRETE/2 -	
Sufficiency Rating: 79.0	Date Built: 8/16/2006	BEAM/1 - SIMPLE	
District: 12 Place Code (FIPS): PAINES	VILLE 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	I		
2 1			
INSPECTED WITH DB IN 2014. A FEW CRACKS.			
c2. Approach Slabs (SF)			
Total Quantity Condition Rating	I		
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

STATE OF OHIO DEPARTMENT OF TRANSPORTATION APPROACH INSPECTION PHOTOS

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SR 84 over GRAND RIVER

STATE OF OHIO DEPARTMENT OF TRANSPORTATION			
DECK INSPECTION			
Structure File Number: 4303040	Inventory Bridge Number: LAK 00084 18.880 N	Bridge Type: 2 - PRESTRESSED CONCRETE/2 -	
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DECK

(58) NBIS Deck Summary: Recommended: 7,8,9 8

c7.1 Floor/Slab (SF)

tion Rating
tion

30919.01 1

MINOR CRACKS. FLOOR IS <1% DETERIORATED.

c7.2 Edge of Floor/Slab (LF)

Total Quantity	Condition Rating
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1472.33 1

c8. Wearing Surface (SF)

Total Quantity	Condition Rating
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20612.68 1

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

1

1

1

c9. Curb/Sidewalk/Walkway (LF)

Total Quantity	Condition Rating
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1472.34

DEBRIS TO LEFT SIDEWALK.

c11. Railing (LF)

Total Quantity Condition Rating

1472.33

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

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STATE OF OHIO DEPARTMENT OF TRANSPORTATION DECK INSPECTION

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Type of Service on: HIGHWAY

DECK

GOUGES TO FORWARD RISER BAR.

STATE OF OHIO DEPARTMENT OF TRANSPORTATION DECK INSPECTION PHOTOS

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STATE OF OHIO DEPARTMENT OF TRANSPORTATION
SUPERSTRUCTURE INSPECTION

Structure	File Number: 4303040	Inventory E

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Sufficiency Rating: 79.0 District: 12 Place Code (FIPS): PAINESVILLE

SR 84 over GRAND RIVER

Type of Service on: HIGHWAY

Recommended: 7,8,9

SUPERSTRUCTURE

(59) NBIS Superstructure Summary: 8

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.

1

c16. Diaphragm/Cross Frames (EA)

Total Quantity	Condition Rating
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0.00

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

c26. Bearing Devices (EA)

Total Quantity	Condition Rating
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0.00 1

STATE OF OHIO DEPARTMENT OF TRANSPORTATION SUPERSTRUCTURE INSPECTION PHOTOS

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SR 84 over GRAND RIVER

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Sufficiency Rat		Built: 8/16/20		
District: 12 Place C	code (FIPS): PAINESVILLE	SR 84 ov	ver GRAND RIVER	Type of Service on: HIGHWAY
SUBSTRUCT	IIDE			
SUBSTRUCT	UKL			
(60) NBIS Subst	ructure Summary: 7			<u>Recommended:</u> 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 Colum	ns/Bents (EA)			
Total Quantity	Condition Rating			
0.00				
c36. Pier Walls				
Total Quantity	Condition Rating			
168	1			
CRACKS.				
c37. Pier Caps (
Total Quantity	Condition Rating			
168	1			
CRACKS.				
c39. Backwalls				
Total Quantity	Condition Rating			
84	1	_		
Inspection Date:	09/23/2014	Page	6	Reviewed Date: 10/20/2014

STATE OF OHIO DEPARTMENT OF TRANSPORTATION SUBSTRUCTURE INSPECTION

Structure File Number: 4303040

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SR 84 over GRAND RIVER

Type of Service on: HIGHWAY

SUBSTRUCTURE

c40. Wingwalls (EA)

Total Quantity Condition Rating

0.00 1

c42. Scour (EA)

Total Quantity	Condition Rating
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1

8

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	Total Quantity	Condition Rating
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0.00 1

A FEW STONES HAVE WASHED AWAY.

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Sufficiency Ra	0		Date Built: 8/16/2006		
District: 12 Place	Code (FIPS): PAINE	ESVILLE	SR 84 over GRAND RIVER	Type of Service on: HIGHWAY	
CHANNEL					
(61) NBIS Chan	nel Summary:	6		Recommended: 5,6	
c51. Alignment	: (LF)				
Total Quantity	Condition Ration	ng			
200.00	2				
CHANNEL MAKES 90 DEGREE BEND JUST UPSTREAM OF BRIDGE. BRAIDED CHANNEL DURING HIGH FLOW. SOME DIAGONAL FLOW INTO PIER STEMS 1 & 2.					
c52. Protection	ı (LF)				
Total Quantity	Condition Ration	ng			
200.00	2				
LARGE STONE AF	ROUND BASES OF	F PIERS 4, 5 & 6 H/	AVE PARTIALLY WASHED AWAY.		
c53. Hydraulic	Opening (EA)				
Total Quantity	Condition Ration	ng			
1	2				

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

STATE OF OHIO DEPARTMENT OF TRANSPORTATION CHANNEL INSPECTION PHOTOS

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SR 84 over GRAND RIVER

STATE OF OHIO DEPARTMENT OF TRANSPORTATION SIGNS/UTILITIES INSPECTION

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SR 84 over GRAND RIVER

Type of Service on: HIGHWAY

SIGNS/UTILITIES

(41) Open, Posted or Closed: А

4

c55. Signs (EA)

Total Quantity Condition Rating

0.00

NO BRIDGE END MARKERS.

c56. Sign Supports (EA)

Total Quantity Cor	dition Rating
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0.00 1

c57. Utilities (LF)

Total Quantity	Condition Rating
0.00	2

0.00

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

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REVIEW

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