

Inspector: Beedy,Matthew

Inspection Date: 05/12/2023

Structure Number: 4501721

Facility Carried: OUTVILLE ROAD

Ohio Bridge Inspection Summary Report

LIC-00037-1255 (4501721)

2: District 69456 - SAINT ALBANS TWP (LIC county)
ict
05

5A: Inventory Route 1 00040

21: Major Maint A/B 01 - State Highway Agency /
225 Routine Main A/B 01 - State Highway Agency /
221 Inspection A/B 01 - State Highway Agency /
220: Inv. Location DISTRICT 05

7: Facility On OUTVILLE ROAD
6: Feature Ints OUTVILLE RD OVER SR 37
9: Location 1 MI E OF JCT SR 161
Lat, Lon 40.07249 ,-82.589071

Condition	Structure Type
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58: Deck **8 - Very Good Condition**
58.01 Wearing Surface 8 - Very Good (isolated or minor problems)
58.02 Joint N- Not Applicable
59: Superstructure **8 - Very Good Condition**
59.01 Paint & PCS N - Not Applicable
60: Substructure **8 - Very Good Condition**
61: Channel **N**
61.01 Scour **N - Not Applicable**
62: Culverts **N - Not Applicable**

43: Bridge Type 5 - Prestressed concrete
02 - Stringer/Multi-beam or Girder
N- Not Applicable
45: Spans Main / Approach 2 / 0
107: Deck Type 1 - Concrete Cast-in-Place
408: Composite Deck Y - Composite Construction
414A Joint Type 1 N - None
414B: Joint Type 2 N - None
108A: Wearing Surface 1 - Monolithic Concrete
(concurrently placed with structural deck)
N- Not Applicable

67.01 GA 8

Appraisal

Sufficiency Rating 99.8 SD/FO 0 - ND
36: Rail, Tr, Gd, Term Std 1 1 1 1
72: Approach Alignment 6 - Equal to present minimum criteria
113: Scour Critical N - Not over waterway
71: Waterway Adequacy N - Not Applicable

422: WS Date 11/01/2008
423: WS Thick (in) 1.0
482: Protective Coating N - None or Not Applicable
483: PCS Date
453: Bearing Type 1 C - Elastomeric (laminated)
455: Bearing Type 2 N - None
528: Foundn: Abut Fwd 8 - Steel H Piles (HP 12 x 53)
533: Foundn: Abut Rear 8 - Steel H Piles (HP 12 x 53)
536: Foundn: Pier 1 9 - Steel H Piles (HP 14 x 73)
539: Foundn: Pier 2 N - None (Such as most Culverts)

Geometric

48: Max Span Length (ft) 101.5
49: Structure Length (ft) 206.0
52: Deck Width, Out-To-Out (ft) 43.5
424: Deck Area (sf) 8961
32: Appr Roadway Width (ft) 40.0
51: Road Width, Curb-Curb (ft) 40.0
50A: Curb/SW Width: Left (ft) 0
50A: Curb/SW Width: Right (ft) 0
34: Skew (deg) 3
33: Bridge Median 0 - No median
54B: Min Vert Underclearance (ft) 17.08
336A: Min Vert Clrnce IR Cardinal (ft) 99
336B: Min V Clr IR Non-Cardinal (ft) 0
578: Culvert Length (ft) 0

Age and Service

27: Year Built/ 106 Rehab 2008 / 0000
42A: Service On 1 - Highway
42B: Service Under 1 - Highway, with or w/out pedestrian
28A: Lanes on 02
28B: Lanes Under 04
19: Bypass Length 2
29: ADT 1559
109: % Trucks (%) 8

Load Posting

41: Op/Post/Closed A - Open
70: Posting 5 - Equal to or above legal loads
70.01: Date
70.02: Sign Type
734: Percent Legal (%) 150
704: Analysis Date 07/01/2010
63: Analysis Method 6 - Load Factor (LF) rating reported by rating factor (RF) method using MS18 loading.

Inspections

90: Routine Insp. *Months* 24 05/12/2023
92A: FCM Insp. N 0
92B: Dive Insp. N 0
92C: Special Insp. N 0
92D: UBIT Insp. N 0
92E: Drone Insp. N 0

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	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
12-Reinforced Concrete Deck	3 - Mod.	8961	sq. ft.	8811	150	0	0
CS2 - Floor/Slab - Some minor cracks mostly in span 1 in bays 2 and 3 CS2 - Edge of Floor/Slab - Vertical cracking along both edges.							
805-Wearing Surface - Monolithic Concrete		8240	sq. ft.	8215	25	0	0
CS2 - Scaling along the rails right and left with a 10'x10' area at the forward left end. Gravel debris along both edges. 2019- HMWM applied							
109-Prestressed Concrete Open Girder/Beam	3 - Mod.	1236	ft.	1116	120	0	0
CS2 - Minor cracks in concrete beam webs in each span							
205-Reinforced Concrete Column	3 - Mod.	3	each	3	0	0	0
215-Reinforced Concrete Abutment	3 - Mod.	87	ft.	77	10	0	0
CS2 - Minor Cracking with mse walls leaking sand both forward and rear.							
234-Reinforced Concrete Pier Cap	3 - Mod.	44	ft.	36	8	0	0
CS2 - Vertical cracking along the cap face.							
310-Elastomeric Bearing	3 - Mod.	12	each	12	0	0	0
312-Enclosed/Concealed Bearing	3 - Mod.	12	each	12	0	0	0
320-Prestressed Concrete Approach Slab	3 - Mod.	3898	sq. ft.	3778	120	0	0
CS2 - Longitudinal crack at right rear and curb is cracked and settled at left forward slab. 1" wide gaps that run across the width of each slab at the asphalt concrete connection with both showing signs of settlement and grass growing along each joint. 2019- HMWM applied							
331-Reinforced Concrete Bridge Railing	3 - Mod.	412	ft.	392	20	0	0
CS2 - Sealer starting to flake along top of both railings with minor cracking							
815-Drainage	3 - Mod.	2	each	2	0	0	0
840-Approach Slab: Termination or Joint	3 - Mod.	87	ft.	0	87	0	0
CS2- Transverse cracking with bumps							

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ODOT District: District 05

LIC-00037-1255 _(4501721)

Date Built: 12/01/2008

Major Maint: 01 - State Highway Agency

Facility Carried: OUTVILLE ROAD

Traffic On: 1 - Highway

Rehab Date:

Routine Maint: 01 - State Highway Agency

Feature Inters: OUTVILLE RD OVER SR 37

Traffic Under: 1 - Highway, with or w/out pedestrian

Insp. Resp A: 01 - State Highway Agency

FIPS Code: 69456 - SAINT ALBANS TWP (LIC county)

Location: DISTRICT 05

1 MI E OF JCT SR 161

Insp Resp B:

Inspector

Beedy,Matthew

Inspection Date 05/12/2023

Reviewer Zigan,Curtis

Inspector Comments - Deck and Approach

Deck

Deck Drainage (EA)

Minor dirt and debris

Approach

Approach Wearing Surface (EA)

Grass growing along edges. Cracking along asphalt approach. 2019 - There are 2" gaps between the asphalt/slab interface at each end with deterioration of the asphalt at each end full width and settlement of the pavement at each corner. The gaps have been repaired with asphalt. However there is still bumps from uneven pavement at each end. Contacted Licking county to address issue and make corrective actions (8/24/2017) 2018 Work has not been completed

Approach Embankment (EA)

Erosion along each slope

Approach Guardrail (EA)

Ding and dent throughout each run.

Inspector Comments - General Appraisal

Superstructure

Diaphragm/X-Frames (EA)

30 xframes and 15 diaphragms No cracking along the beams visible from ground. Cracks forming along pier diaphragms.

Substructure

Wingwalls (EA)

Minor shrinkage cracks

Slope Protection (EA)

MSE walls are leaking sand throughout with wet areas at joints in several locations at rear and forward. Several of the panel joints are damp.

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Culvert

Inspector Comments - Waterway

Waterway Adequacy

Channel

Scour Critical

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Bridge Inspection Report

Pictures



PHOTO 1
Description



PHOTO 2
Description

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PHOTO 3
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PHOTO 4
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PHOTO 5
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PHOTO 6
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PHOTO 7

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PHOTO 8

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PHOTO 9

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PHOTO 10

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PHOTO 11

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PHOTO 12

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PHOTO 13
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PHOTO 14
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PHOTO 15

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PHOTO 16

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PHOTO 17

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PHOTO 18

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PHOTO 19

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PHOTO 20

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PHOTO 21

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PHOTO 22

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PHOTO 23

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PHOTO 24

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PHOTO 25

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PHOTO 26

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PHOTO 27

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PHOTO 28

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PHOTO 29

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PHOTO 30

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PHOTO 31
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PHOTO 32
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PHOTO 33

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PHOTO 34

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PHOTO 35

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PHOTO 36

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PHOTO 37

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PHOTO 38

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PHOTO 39

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PHOTO 40

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PHOTO 41

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PHOTO 42

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PHOTO 43

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