

Inspector: Gerstenslager,Michael

Inspection Date: 10/02/2023

Structure Number: 2800608

Facility Carried: SR 86

Ohio Bridge Inspection Summary Report

GEA-00086-0787 (2800608)

2: District 36946 - HUNTSBURG TWP (GEA county)
ict
12

5A: Inventory Route 1 00086

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 12

7: Facility On SR 86
6: Feature Ints PHELPS CRK 2.5 MI E. 528
9: Location 0.73 S ASHTABULA CNTY LNE
Lat, Lon 41.569911 , -81.014994

Condition Structure Type

58: Deck 5 - Fair Condition
58.01 Wearing Surface 6 - Satisfactory (1-10% distress)
58.02 Joint N- Not Applicable
59: Superstructure 5 - Fair Condition
59.01 Paint & PCS N - Not Applicable
60: Substructure 6 - Satisfactory Condition
61: Channel 8
61.01 Scour 8 - Very Good
62: Culverts N - Not Applicable
67.01 GA 5

43: Bridge Type 1 - Concrete
01 - Slab
N- Not Applicable
45: Spans Main / Approach 1 / 0
107: Deck Type 1 - Concrete Cast-in-Place
408: Composite Deck N - Non-composite Construction
414A Joint Type 1 N - None
414B: Joint Type 2 N - None
108A: Wearing Surface 6 - Bituminous
N- Not Applicable

Appraisal

Sufficiency Rating 75.2 SD/FO 0 - ND
36: Rail, Tr, Gd, Term Std 1 N 1 1
72: Approach Alignment 8 - Equal to present desirable criteria
113: Scour Critical 8 - Stable for scour conditions
71: Waterway Adequacy 8 - Bridge Above Approaches

422: WS Date 09/01/2010
423: WS Thick (in) 2.0
482: Protective Coating N - None or Not Applicable
483: PCS Date
453: Bearing Type 1 0 - Other
455: Bearing Type 2 N - None
528: Foundn: Abut Fwd 4 - Spread Footing (on soil)
533: Foundn: Abut Rear 4 - Spread Footing (on Soil)
536: Foundn: Pier 1 N - None (Such as most Culverts)
539: Foundn: Pier 2 N - None (Such as most Culverts)

Geometric

48: Max Span Length (ft) 16.0
49: Structure Length (ft) 16.0
52: Deck Width, Out-To-Out (ft) 30.6
424: Deck Area (sf) 489.6
32: Appr Roadway Width (ft) 19.0
51: Road Width, Curb-Curb (ft) 28.5
50A: Curb/SW Width: Left (ft) 0
50A: Curb/SW Width: Right (ft) 0
34: Skew (deg) 0
33: Bridge Median 0 - No median
54B: Min Vert Underclearance (ft) 0
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 1930 / 0000
42A: Service On 1 - Highway
42B: Service Under 5 - Waterway
28A: Lanes on 02
28B: Lanes Under 00
19: Bypass Length 2
29: ADT 991
109: % Trucks (%) 13

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 (%) 125
704: Analysis Date 09/28/2023
63: Analysis Method 8 - Load and Resistance Factor Rating (LRFR) rating report by rating factor (RF) method using HL-93 loadings.

Inspections

90: Routine Insp. 12 Months 10/02/2023
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
38-Reinforced Concrete Slab	3 - Mod.	490	sq. ft.	343	60	85	2
	CS2- Cracks, some leaching. Delams. CS3- Leached cracks with stalactites. Spalls with rusting rebar exposed, some extending underneath WB edge line. CS4- Spall w/ 4+ rebar exposed under WB lane.						
510-Wearing Surfaces		302	sq. ft.	0	254	48	0
	CS2- Asphalt wearing surface older than 5 years. Several longitudinal cracks. Other minor cracks. CS3- Two full width cracks (up to 3/4") in asphalt near bridge limits.						
215-Reinforced Concrete Abutment	3 - Mod.	62	ft.	47	15	0	0
	CS2- A few leached cracks. Efflorescence (more under WB half of bridge). Delams. Scaling at waterline.						
330-Metal Bridge Railing	3 - Mod.	32	ft.	0	19	10	3
	CS2- Surface rust to entire length of both rails. CS3- Rusting section loss to rail and hardware. CS4- A few rusted thru holes to some rail hardware.						
815-Drainage	3 - Mod.	2	each	2	0	0	0
840-Approach Slab: Termination or Joint	3 - Mod.	58	ft.	0	58	0	0
	CS2- Two full width cracks (as wide as 1/2") in asphalt near bridge limits.						

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ODOT District: District 12

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Date Built: 07/01/1930

Major Maint: 01 - State Highway Agency

Facility Carried: SR 86

Traffic On: 1 - Highway

Rehab Date:

Routine Maint: 01 - State Highway Agency

Feature Inters: PHELPS CRK 2.5 MI E. 528

Traffic Under: 5 - Waterway

Insp. Resp A: 01 - State Highway Agency

FIPS Code: 36946 - HUNTSBURG TWP (GEA county)

Location: DISTRICT 12

0.73 S ASHTABULA CNTY LNE

Insp

Resp B:

Inspector

Gerstenslager,Michael

Inspection Date 10/02/2023

Reviewer Seif,Youssef

Inspector Comments - Deck and Approach

Deck

Approach

Approach Wearing Surface

A few cracks, some as wide as 3/4".

Approach Embankment

Erosion at forward-left & both right wingwalls (see guardrail comments).

Approach Guardrail

Erosion has exposed as much as 12" of the concrete encasement of forward-left guardrail post #2.

Signs

Bridge marker at forward left missing.

Inspector Comments - General Appraisal

Superstructure

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Substructure

Wingwalls

Small spalls. Scaling at water line.

Culvert

Inspector Comments - Waterway

Waterway Adequacy

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Channel

Scour Critical