

Inspector: Krazl,David
Inspection Date: 12/12/2022

Structure Number: 0901816
Facility Carried: SR 129

Bridge Inspection Report

Ohio Bridge Inspection Summary Report

BUT-00129-2561C (0901816)

2: District	43050 - LIBERTY TWP (BUT county)	5A: Inventory Route	1	00129
ict				
08				
21: Major Maint A/B	02 - County Highway Agency	/02	7: Facility On	SR 129
225 Routine Main A/B	01 - State Highway Agency	/	6: Feature Ints	RP F;RP J;HOSPITAL DR
221 Inspection A/B	01 - State Highway Agency	/	9: Location	0.14 MI W COX RD
220: Inv. Location	DISTRICT 08		Lat, Lon	39.373372, -84.362831

Condition		Structure Type	
58: Deck	8 - Very Good Condition	43: Bridge Type	4 - Steel continuous
58.01 Wearing Surface	8 - Very Good (isolated or minor problems)		02 - Stringer/Multi-beam or Girder
58.02 Joint	9- Excellent		N- Not Applicable
59: Superstructure	9 - Excellent Condition	45: Spans Main / Approach	2 / 0
59.01 Paint & PCS	9 - Excellent	107: Deck Type	1 - Concrete Cast-in-Place
60: Substructure	9 - Excellent Condition	408: Composite Deck	Y - Composite Construction
61: Channel	N	414A Joint Type 1	8 - Elastomeric Strip Seal
61.01 Scour	N - Not Applicable	414B: Joint Type 2	
62: Culverts	N - Not Applicable	108A: Wearing Surface	1 - Monolithic Concrete (concurrently placed with structural deck)
67.01 GA	9		N- Not Applicable

Appraisal		422: WS Date	
Sufficiency Rating	97.8	SD/FO	0 - ND
423: WS Thick (in)	1.0		
36: Rail, Tr, Gd, Term Std	1	1	482: Protective Coating
72: Approach Alignment	1	1	483: PCS Date
113: Scour Critical	9 - Superior to present desirable criteria	453: Bearing Type 1	11/25/2022
71: Waterway Adequacy	N - Not over waterway	455: Bearing Type 2	C - Elastomeric (laminated)
	N - Not Applicable	528: Foundn: Abut Fwd	3 - Drilled Shafts

Geometric		533: Foundn: Abut Rear	
48: Max Span Length (ft)	155.4	536: Foundn: Pier 1	3 - Drilled Shafts
49: Structure Length (ft)	311.0	539: Foundn: Pier 2	
52: Deck Width, Out-To-Out (ft)	79.6		
424: Deck Area (sf)	24755.6		
32: Appr Roadway Width (ft)	73.3		
51: Road Width, Curb-Curb (ft)	73.5		
50A: Curb/SW Width: Left (ft)	0		
50A: Curb/SW Width: Right (ft)	0		
34: Skew (deg)	53		
33: Bridge Median	3 - Closed median with non-mountable barriers		
54B: Min Vert Underclearance (ft)	16.33		
336A: Min Vert Clrnce IR Cardinal (ft)	99		
336B: Min V Clr IR Non-Cardinal (ft)	99		
578: Culvert Length (ft)	0		

Age and Service			
27: Year Built/ 106 Rehab	2022	/ 0000	
42A: Service On	1 - Highway		
42B: Service Under	1 - Highway, with or w/out pedestrian		
28A: Lanes on	04		
28B: Lanes Under	04		
19: Bypass Length	01		
29: ADT	12910		
109: % Trucks (%)	1		

Load Posting		Inspections	
41: Op/Post/Closed	A - Open	90: Routine Insp.	Months
70: Posting	5 - Equal to or above legal loads	92A: FCM Insp.	12
70.01: Date		92B: Dive Insp.	12/12/2022
70.02: Sign Type		92C: Special Insp.	
734: Percent Legal (%)	150	92D: UBIT Insp.	0
		92E: Drone Insp.	0

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704: Analysis Date 08/03/2020 Inspector Krazl,David
63: Analysis Method F - Assigned rating based on Load and
Resistance Factor Design (LRFD)
reported by Rating Factor (RF) using
HL93 loadings

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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.	24312	sq. ft.	24186	126	0	0
	CS-2, Transverse cracking with minor efflor. span 2. Span 1, bay 4, near rear, 1 sf area of seepage (oil) with exposed coated steel.						
805-Wearing Surface - Monolithic Concrete		24312	sq. ft.	24310	2	0	0
	CS2, Few small gouges in wearing surface, westbound outside lane.						
107-Steel Open Girder/Beam	3 - Mod.	2727	ft.	2727	0	0	0
	A588 weathered steel, PCS at the beam ends						
515-Steel Protective Coating		41031	sq. ft.	41031	0	0	0
	A588 weathered steel, PCS at the beam ends						
205-Reinforced Concrete Column	3 - Mod.	9	each	9	0	0	0
215-Reinforced Concrete Abutment	3 - Mod.	253	ft.	253	0	0	0
234-Reinforced Concrete Pier Cap	3 - Mod.	132	ft.	132	0	0	0
300-Strip Seal Expansion Joint	3 - Mod.	247	ft.	247	0	0	0
310-Elastomeric Bearing	3 - Mod.	27	each	27	0	0	0
321-Reinforced Concrete Approach Slab	3 - Mod.	2880	sq. ft.	2880	0	0	0
331-Reinforced Concrete Bridge Railing	3 - Mod.	608	ft.	608	0	0	0
	Few minor scrapes from construction.						
815-Drainage	3 - Mod.	2	each	2	0	0	0
830-Abutment Backwall	3 - Mod.	253	ft.	253	0	0	0

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ODOT District: District 08

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Date Built: 11/25/2022

Major Maint: 02 - County Highway Agency

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Traffic On: 1 - Highway

Rehab Date:

Routine Maint: 01 - State Highway Agency

Feature Inters: RP F;RP J;HOSPITAL DR

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

Insp. 01 - State Highway Agency

FIPS Code: 43050 - LIBERTY TWP (BUT county)

Location: DISTRICT 08

0.14 MI W COX RD

Insp A:

Inspector

Krahl,David

Inspection Date 12/12/2022

Reviewer Collett,Brandon

Insp B:

Inspector Comments - Deck and Approach

Deck

Floor/Slab

Transverse cracking with minor efflor. span 2. Span 1, bay 4, near rear, 1 sf area of seepage (oil) with exposed coated steel.

Edge of Floor/Slab

Bridge Wearing Surface

Few small gouges in wearing surface, westbound outside lane.

Bridge Railing

Few minor scrapes from construction.

Deck Drainage

Approach

Approach Wearing Surface

Approach Slab

Approach Embankment

Inspector Comments - General Appraisal

Superstructure

Beams/Girders

Diaphragm/X-Frames

Protective Coating System

A588 weathered steel, PCS at the beam ends

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Utilities

Substructure

Abutment Walls

Pier Caps

Pier Columns

Wingwalls

Slope Protection

Culvert

Inspector Comments - Waterway

Waterway Adequacy

Channel

Scour Critical

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Pictures