

Inspector: Jewell,Todd

Inspection Date: 01/27/2025

Structure Number: 1502200

Facility Carried: US 30

Ohio Bridge Inspection Summary Report**COL-00030-3126 (1502200)**2: District 69512 - SAINT CLAIR TWP (COL county)
ict
11

5A: Inventory Route 1 00030

21: Major Maint A/B 01 - State Highway Agency /01
225 Routine Main A/B 01 - State Highway Agency /01
221 Inspection A/B 01 - State Highway Agency /01
220: Inv. Location7: Facility On US 30
6: Feature Ints CARPENTER'S RUN
9: Location 0.2 MILES EAST OF SR 170
Lat, Lon 40.662316 , -80.590073

Condition		Structure Type	
58: Deck	N - Not Applicable	43: Bridge Type	3 - Steel
58.01 Wearing Surface	N - Not Applicable		19 - Culvert (includes frame culverts)
58.02 Joint	N- Not Applicable		N- Not Applicable
59: Superstructure	N - Not Applicable	45: Spans Main / Approach	1 / 0
59.01 Paint & PCS	N - Not Applicable	107: Deck Type	N - Not Applicable
60: Substructure	N - Not Applicable	408: Composite Deck	X - Not Applicable
61: Channel	4	414A Joint Type 1	N - None
61.01 Scour	4 - Poor or Advanced Scour (Spread: no undermining, Deep: Piles may be visible)	414B: Joint Type 2	
62: Culverts	3 - As in 4 but excessive	108A: Wearing Surface	6 - Bituminous
67.01 GA	3		5 - Asphalt

Appraisal	
Sufficiency Rating	49.7 SD/FO 1 - SD
36: Rail, Tr, Gd, Term Std	N N N N
72: Approach Alignment	6 - Equal to present minimum criteria
113: Scour Critical	5 - Scour within limits of footing or piles
71: Waterway Adequacy	6 - Occasional Overtopping of Approaches

Geometric	
48: Max Span Length (ft)	21.1
49: Structure Length (ft)	21.1
52: Deck Width, Out-To-Out (ft)	82
424: Deck Area (sf)	1730.2
32: Appr Roadway Width (ft)	82
51: Road Width, Curb-Curb (ft)	82
50A: Curb/SW Width: Left (ft)	0
50A: Curb/SW Width: Right (ft)	0
34: Skew (deg)	73
33: Bridge Median	3 - Closed median with non-mountable barriers
54B: Min Vert Underclearance (ft)	0
336A: Min Vert Clrnce IR Cardinal (ft)	99
336B: Min V Clr IR Non-Cardinal (ft)	99
578: Culvert Length (ft)	1532

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 (%)	108
704: Analysis Date	02/07/2025
63: Analysis Method	8 - Load and Resistance Factor Rating (LRFR) rating report by rating factor (RF) method using HL-93 loadings.

422: WS Date	
423: WS Thick (in)	3.0
482: Protective Coating	N - None or Not Applicable
483: PCS Date	
453: Bearing Type 1	Blank
455: Bearing Type 2	Blank
528: Foundn: Abut Fwd	N - None (Such as most Culverts)
533: Foundn: Abut Rear	N - None (such as most Culverts)
536: Foundn: Pier 1	N - None (Such as most Culverts)
539: Foundn: Pier 2	N - None (Such as most Culverts)

Age and Service	
27: Year Built/ 106 Rehab	1963 / 0000
42A: Service On	1 - Highway
42B: Service Under	5 - Waterway
28A: Lanes on	04
28B: Lanes Under	00
19: Bypass Length	3
29: ADT	13000
109: % Trucks (%)	20

Inspections	
	Months
90: Routine Insp.	12 01/27/2025
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

Inspector Jewell,Todd

Structure Number: 1502200
Facility Carried: US 30

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
240-Steel Culvert	3 - Mod.	1532	ft.	0	0	0	1532
	CS4- (1532LF) EXTENSIVE HEAVY RUST AND SCALING THROUGHOUT. PERFORATIONS/HOLES 98% OF THE STEEL CONDUIT BOTTOM. AREAS OF EXTREME DEFLECTION AT MANY LOCATIONS. FLATTENING AT THE TOP OF ARCH. AREAS OF LARGE VOIDS UNDER THE BOT. OF CONDUIT. CONDUITS THAT DRAIN INTO MAIN CULVERT HAVE LARGE VOIDS AT THESE LOCATIONS WASHING OUT THE EMBANKMENT FROM AREAS THAT STEEL CONDUIT IS MISSING.						
835-Culvert End Treatment	3 - Mod.	2	each	2	0	0	0
845-Roadway Over Structure	3 - Mod.	4	each	0	3	1	0
	1 EA WB RAMP, WB MAINLINE, EB RAMP, EB MAINLINE.						
	CS2- (3EA) TRANS AND LONG. CRACK WITH MINOR WEARING OF ROADWAY.						
	CS3 - (1EA) SMALL DIP IN EB MAINLINE OVER CULVERT, NEAR MEDIAN INLET.						

Inspector: Jewell,Todd

Structure Number: 1502200

Inspection Date: 01/27/2025

Facility Carried: US 30

ODOT District: District 11

COL-00030-3126 _(1502200)

Date Built: 10/31/1963

Major Maint: 01 - State Highway Agency

Facility Carried: US 30

Traffic On: 1 - Highway

Rehab Date:

Routine Maint: 01 - State Highway Agency

Feature Inters: CARPENTER'S RUN

Traffic Under: 5 - Waterway

Insp. 01 - State Highway Agency

FIPS Code: 69512 - SAINT CLAIR TWP (COL county)

Location:

0.2 MILES EAST OF SR 170

Insp 01 - State Highway Agency

Inspector

Jewell,Todd

Inspection Date

01/27/2025

Reviewer

Trivoli,Raymond

Resp B:

Inspector Comments - Deck and Approach

Deck

Approach

Inspector Comments - General Appraisal

Superstructure

Substructure

Culvert

Inspector Comments - Waterway

Waterway Adequacy

Channel

Scour Critical

Inspector: Todd Jewell

Structure Number: 1502200

Inspection Date: 01/27/2025

Facility Carried: US 30

Bridge Inspection Report

Pictures