

Ohio Bridge Inspection Summary Report

CUY-00014-0552 (1801686)

2: District 12 16000 - CLEVELAND (CUY county)
 21: Major Maint A/B 01 - State Highway Agency /
 225 Routine Main A/B 04 - City or Municipal Highway /
 Agency
 221 Inspection A/B 01 - State Highway Agency /
 220: Inv. Location DISTRICT 12

5A: Inventory Route 1 00014
 7: Facility On SR 14
 6: Feature Ints STORM SEWER TO MILL CREE
 9: Location APPROX 500 FT S MILES RD
 Lat, Lon 41.443583 ,-81.623575

Condition

58: Deck N - Not Applicable
 58.01 Wearing Surface N - Not Applicable
 58.02 Joint N- Not Applicable
59: Superstructure N - Not Applicable
 59.01 Paint & PCS N - Not Applicable
60: Substructure N - Not Applicable
61: Channel 7
61.01 Scour 7 - Good
62: Culverts 7 - Shrinkage cracks, light scaling
67.01 GA 7

Structure Type

43: Bridge Type 1 - Concrete
 19 - Culvert (includes frame culverts)
 N- Not Applicable
 45: Spans Main / Approach 1 / 0
 107: Deck Type N - Not Applicable
 408: Composite Deck X - Not Applicable
 414A Joint Type 1 N - None
 414B: Joint Type 2 N - None
 108A: Wearing Surface N - NA
 N- Not Applicable

Appraisal

Sufficiency Rating 99.3 SD/FO 0 - ND
 36: Rail, Tr, Gd, Term Std N N 1 N
 72: Approach Alignment 6 - Equal to present minimum criteria
 113: Scour Critical 8 - Stable for scour conditions
 71: Waterway Adequacy 8 - Bridge Above Approaches

422: WS Date
 423: WS Thick (in) 0.0
 482: Protective Coating N - None or Not Applicable
 483: PCS Date
 453: Bearing Type 1 N - None
 455: Bearing Type 2 N - None
 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)

Geometric

48: Max Span Length (ft) 12.0
 49: Structure Length (ft) 13.0
 52: Deck Width, Out-To-Out (ft) 0.0
 424: Deck Area (sf) 494
 32: Appr Roadway Width (ft) 38.0
 51: Road Width, Curb-Curb (ft) 0.0
 50A: Curb/SW Width: Left (ft) 0
 50A: Curb/SW Width: Right (ft) 0
 34: Skew (deg) 54
 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) 518

Age and Service

27: Year Built/ 106 Rehab 1960 / 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 5016
 109: % Trucks (%) 11

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 07/01/2002
 63: Analysis Method 6 - Load Factor (LF) rating reported by rating factor (RF) method using MS18 loading.

Inspections

	Months	
90: Routine Insp.	24	09/29/2021
92A: FCM Insp.	N	0
92B: Dive Insp.	N	0
92C: Special Insp.	N	0
92D: UBIT Insp.	N	
92E: Drone Insp.		

Inspector Persanyi,Andrea

Inspector: Andrea Persanyi
 Inspection Date: 09/29/2021

Structure Number: 1801686
 Facility Carried: SR 14

Bridge Inspection Report

Element Inspection

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
241 - Reinforced Concrete Culvert	3 - Mod.	518	ft.	500	15	3	0
	CS 2 - Leaching ceiling cracks, some with stalactites. A few diagonal cracks near outlet, some leaching. CS 3 - A few spalls (some with exposed rebar) & delams. Minimum vertical clearance in spots is 32". Tunnel liner installed 260' from outlet (under sr 14) to manhole in grassy median.						
835 - Culvert End Treatment	3 - Mod.	2	each	0	2	0	0
	CS 2 - Cracks, some leaching. Minor spalls & delams.						
845 - Roadway Over Structure	3 - Mod.	1	each	1	0	0	0

ODOT District: 12

CUY-00014-0552 _(1801686)

Date Built: 07/01/1960

Major Maint: 01 - State Highway Agency

Facility Carried: SR 14

Traffic On: 1 - Highway

Rehab Date:

Routine Maint: 04 - City or Municipal Highway
Agency

Feature Inters: STORM SEWER TO MILL
CREE

Traffic Under: 5 - Waterway

Insp: 01 - State Highway Agency

FIPS Code: 16000 - CLEVELAND (CUY county)

Location: DISTRICT 12

APPROX 500 FT S MILES RD

Resp A:

Insp

Resp B:

Inspector

Persanyi,Andrea

Inspection Date 09/29/2021

Reviewer Seif,Youssef

Inspector Comments - Deck and Approach

Deck

Approach

Approach Wearing Surface (EA)

Cracks, some sealed.

Inspector Comments - General Appraisal

Superstructure

Substructure

Culvert

Confined space entry

Inspector Comments - Waterway

Waterway Adequacy

Channel Hydraulic Opening (EA)

Minimal flow at time of inspection.

Channel

Scour Critical

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Pictures