

Inspector: Gerstenslager,Michael

Inspection Date: 09/14/2023

Structure Number: 1800159

Facility Carried: SR 2

### Ohio Bridge Inspection Summary Report

**CUY-00002-1688 (1800159)**

2: District 16000 - CLEVELAND (CUY county)  
ict  
12

5A: Inventory Route 1 00002

21: Major Maint A/B 01 - State Highway Agency /

7: Facility On SR 2

225 Routine Main A/B 04 - City or Municipal Highway Agency /

6: Feature Ints E 26TH STORM SEWE

221 Inspection A/B 01 - State Highway Agency /

9: Location 1 MI E E9TH ST AND SR2

220: Inv. Location DISTRICT 12

Lat, Lon 41.516619 ,-81.676753

#### 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 6**  
 61.01 Scour **7 - Good**

**62: Culverts 8 - No noticeable or noteworthy deficiencies**

**67.01 GA 8**

#### Structure Type

43: Bridge Type 3 - Steel  
 19 - Culvert (includes frame culverts)  
 N- Not Applicable

45: Spans Main / Approach 1 / 0

107: Deck Type N - Not Applicable

408: Composite Deck N - Non-composite Construction

414A Joint Type 1 N - None

414B: Joint Type 2 N - None

108A: Wearing Surface N - NA

N- Not Applicable

#### Appraisal

Sufficiency Rating 85.0 SD/FO 0 - ND

36: Rail, Tr, Gd, Term Std N N N N

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

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) 12.0

52: Deck Width, Out-To-Out (ft) 0.0

424: Deck Area (sf) 1368

32: Appr Roadway Width (ft) 114.0

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) 0

33: Bridge Median 2 - Closed median (no barrier)

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) 114

#### Age and Service

27: Year Built/ 106 Rehab 1953 / 0000

42A: Service On 1 - Highway

42B: Service Under 5 - Waterway

28A: Lanes on 08

28B: Lanes Under 00

19: Bypass Length 0

29: ADT 17069

109: % Trucks (%) 3

#### 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 07/16/2013

63: Analysis Method 0 - Field evaluation and documented engineering judgment

#### Inspections

	Months	
90: Routine Insp.	12	09/14/2023
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

Inspector Gerstenslager,Michael

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	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
<b>240-Steel Culvert</b>	3 - Mod.	114	ft.	114	0	0	0
CS2- Section off ODOT right of way has black mastic corrosion protection missing over large areas. Areas of water infiltration with efflorescence.							
<b>835-Culvert End Treatment</b>	3 - Mod.	1	each	1	0	0	0
<b>845-Roadway Over Structure</b>	3 - Mod.	4	each	4	0	0	0
CS1- Minor cracks.							

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ODOT District: District 12				Date Built: 07/01/1953
Major Maint: 01 - State Highway Agency	Facility Carried: SR 2		Traffic On: 1 - Highway	Rehab Date:
Routine Maint: 04 - City or Municipal Highway Agency	Feature Inters: E 26TH STORM SEWE		Traffic Under: 5 - Waterway	Insp. Resp A: 01 - State Highway Agency
FIPS Code: 16000 - CLEVELAND (CUY county)	Location: DISTRICT 12		1 MI E E9TH ST AND SR2	Insp Resp B:
Inspector Gerstenslager,Michael	Inspection Date 09/14/2023		Reviewer Seif,Youssef	

**Inspector Comments - Deck and Approach**

**Deck**

**Approach**

**Approach Wearing Surface (EA)**

Minor cracks.

**Inspector Comments - General Appraisal**

**Superstructure**

**Substructure**

**Culvert**

Structural plate liner installed and backfilled with grout under ODOT right of way.

**Inspector Comments - Waterway**

**Waterway Adequacy**

**Channel Hydraulic Opening (EA)**

Large logs at inlet off of ODOT right of way block 5%.

**Channel**

**Scour Critical**

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**Bridge Inspection Report**

**Pictures**