

Inspector: Fowler,Michael

Inspection Date: 07/09/2025

Structure Number: 4100143

Facility Carried: 00007

Ohio Bridge Inspection Summary Report**JEF-00007-0401 (4100143)**

B.L.04: District District 1180878 - WARREN TWP (JEF county)

B.CL.02: Major Maint 01 - State Highway Agency /01

225 Routine Main A/B 01 - State Highway Agency /01

221 Inspection A/B 01 - State Highway Agency /01

5A: Inventory Route 1 00007

7: Facility On 00007

6: Feature Ints Shannon's Run

9: Location 1.33 mi N of JCT SR 150

Lat, Lon 40.20635 , -80.671031

Condition**B.C.01: Deck N**

58.01: Wearing Surface N

B.C.08: Joint N**B.C.02: Superstructure N**

59.01: Paint & PCS N

B.C.03: Substructure N**B.C.09: Channel 4****B.C.11: Scour 4****B.C.10: Channel Prot. 6****B.C.05: Bridge Railing N****B.C.06: Transitions N****B.C.07: Bearings N****B.C.04: Culverts 4****Ohio GA 4****Appraisal**

B.AP.03: Scour Vul. 0 - Scour appraisal has not been completed.

Geometric

48: Max Span Length (ft) 11.3

49: Structure Length (ft) 11.3

52: Deck Width, Out-To-Out (ft) 0

424: Deck Area (sf) 994.4

32: Appr Roadway Width (ft) 88

51: Road Width, Curb-Curb (ft) 0

50A: Curb/SW Width: Left (ft) 0

50A: Curb/SW Width: Right (ft) 0

34: Skew (deg) 45

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) 99

578: Culvert Length (ft) 404.0

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 (%) 100

704: Analysis Date 02/04/2022

63: Analysis Method 5 - No rating analysis or evaluation performed

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 U - Unknown

414A Joint Type 1 N - None

414B: Joint Type 2 N - None

108A: Wearing Surface N - NA

N - Not Applicable

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)

Age and Service

27: Year Built/ 106 Rehab 1976 / 0000

42A: Service On 1 - Highway

42B: Service Under 5 - Waterway

28A: Lanes on 04

28B: Lanes Under 00

19: Bypass Length 0

29: ADT 14769

109: % Trucks (%) 14

Inspections

B.IE.03 Routine Insp. 12 Months 07/09/2025

B.IE.03: NSTM Insp. N

B.IE.03: UW Insp. N

B.IE.03: Special Insp.

UBIT Insp. N 0

Drone Insp. N 0

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[illegible]

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ODOT District: District 11

JEF-00007-0401 _(4100143)

Date Built: 07/01/1976

Major Maint: 01 - State Highway Agency

Facility Carried: 00007

Traffic On: 1 - Highway

Rehab Date:

Routine Maint: 01 - State Highway Agency

Feature Inters: Shannon's Run

Traffic Under: 5 - Waterway

Insp. Resp A: 01 - State Highway Agency

FIPS Code: 80878 - WARREN TWP (JEF county)

Location: District 11

1.33 mi N of JCT SR 150

Insp Resp B: 01 - State Highway Agency

Inspector

Fowler,Michael

Inspection Date 07/09/2025

Reviewer Trivoli,Raymond

Inspector Comments - Deck and Approach

Deck, Wearing Surface, Joints, Railing

Approach

APPROACH WEARING SURFACE (EA)

Approach pavement has transverse cracks on Mainline SR 7 and along both ramps; cracks along the mainline roadways have been sealed.

APPROACH GUARDRAIL(EA)

New guardrail along the right (outlet) side in 2023. Guardrail adjacent to the culvert inlet has minor impact damage and deterioration with rotted and decayed timber posts and one missing blockout.

EMBANKMENT (EA)

Erosion up to 3' deep at the inlet due to whirlpool effect at the culvert opening.

Inspector Comments - General Appraisal

Superstructure, Bearings

Substructure

Culvert

CULVERT GENERAL (LF)

The pipe outlets into wetland and is unable to be ditched

SCOUR (EA)

PROBED IN 2024.

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Inspector Comments - Waterway

Channel Protection

CHANNEL HYDRALIC OPENING (EA)

2022: Much sediment at outlet, flow into category three wetland. Railroad placed three pipes on north side of inlet.

2023: Railroad pipes are now 1/2 filled with sediment.

2024: No significant change.

Channel

Scour

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Bridge Inspection Report

Pictures