

Inspector: Fowler,Michael

Inspection Date: 04/21/2025

Structure Number: 3801810

Facility Carried: SR 83

Ohio Bridge Inspection Summary Report**HOL-00083-1356 (3801810)**

B.L.04: District District 1164584 - PRAIRIE TWP (HOL county)

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

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

221 Inspection A/B 01 - State Highway Agency /

5A: Inventory Route 1 00083

7: Facility On SR 83

6: Feature Ints MARTIANS CREEK

9: Location 4.35 MI S OF WAYNE CO.

Lat, Lon 40.61525 , -81.916761

Condition**B.C.01: Deck 5**

58.01: Wearing Surface 6

B.C.08: Joint N**B.C.02: Superstructure 5**

59.01: Paint & PCS N

B.C.03: Substructure 4**B.C.09: Channel 7****B.C.11: Scour 6****B.C.10: Channel Prot. 6****B.C.05: Bridge Railing 6****B.C.06: Transitions 6****B.C.07: Bearings N****B.C.04: Culverts N****Ohio GA 4****Appraisal**

B.AP.03: Scour Vul. A - Scour appraisal completed. Bridge determined to be stable for scour.

Geometric

48: Max Span Length (ft) 44.0

49: Structure Length (ft) 116.0

52: Deck Width, Out-To-Out (ft) 32.0

424: Deck Area (sf) 3712

32: Appr Roadway Width (ft) 36.0

51: Road Width, Curb-Curb (ft) 32.0

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

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

34: Skew (deg) 10

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) 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 (%) 115

704: Analysis Date 08/22/2023

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

Structure Type

43: Bridge Type 2 - Concrete continuous

01 - Slab

N- Not Applicable

45: Spans Main / Approach 3 / 0

107: Deck Type 1 - Concrete Cast-in-Place

408: Composite Deck U - Unknown

414A Joint Type 1 N - None

414B: Joint Type 2 N - None

108A: Wearing Surface 1 - Monolithic Concrete (concurrently placed with structural deck)

N - Not Applicable

422: WS Date

423: WS Thick (in) 1.0

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 B - Cast-in-Place Reinforced Concrete Piles (14" diameter)

533: Foundn: Abut Rear B - Cast-in-Place Reinforced Concrete Piles (14" diameter)

536: Foundn: Pier 1 B - Cast-in-Place Reinforced Concrete Piles (14" diameter)

539: Foundn: Pier 2 B - Cast-in-Place Reinforced Concrete Piles (14" diameter)

Age and Service

27: Year Built/ 106 Rehab 1983 / 0000

42A: Service On 1 - Highway

42B: Service Under 5 - Waterway

28A: Lanes on 02

28B: Lanes Under 00

19: Bypass Length 43

29: ADT 6022

109: % Trucks (%) 8

Inspections

90: Routine Insp. 12 Months 07/15/2024

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 Fowler,Michael

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[illegible]

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ODOT District: District 11

HOL-00083-1356 _(3801810)

Date Built: 07/01/1983

Major Maint: 01 - State Highway Agency

Facility Carried: SR 83

Traffic On: 1 - Highway

Rehab Date:

Routine Maint: 01 - State Highway Agency

Feature Inters: MARTIANS CREEK

Traffic Under: 5 - Waterway

Insp. 01 - State Highway Agency

FIPS Code: 64584 - PRAIRIE TWP (HOL county)

Location: DISTRICT 11

4.35 MI S OF WAYNE CO.

Insp
Resp B:

Inspector

Fowler,Michael

Inspection Date 04/21/2025

Reviewer Trivoli,Raymond

Inspector Comments - Deck and Approach

Deck

Approach

Approach Wearing Surface (EA)

New asphalt 2020.

Signs (EA).

All in place.

Approach Joints

Joint material between deck and approach slabs typically missing throughout both joints.

Approach Embankment

1' deep by 1' wide erosion channel at forward right exposes edge of approach slab; however, no undermining noted.

Inspector Comments - General Appraisal

Superstructure

Substructure

Wingwalls (EA)

Right rear wingwall has severe scaling with exposed reinforcement. Forward left wingwall has minor edge spall. Rear left wingwall has moderate edge spall at end and 18" high by 2" wide by 2" deep corner spall with exposed reinforcement adjacent to approach slab.

Slope Protection (EA)

Most slope protection has been washed away or is covered with silt.

Culvert

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Inspector Comments - Waterway

Waterway Adequacy

Hydraulic Opening (EA)

Channel cleaned '10 & 15.

Channel

Channel flows beneath Span 2, mostly along Pier 2.

Scour Critical

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Bridge Inspection Report

Pictures