

Inspector: Bishop,Dwayne

Inspection Date: 04/30/2025

Structure Number: 3190161

Facility Carried: BIKE PATH

**Ohio Bridge Inspection Summary Report****HAM-001SP-0035 (3190161)**

B.L.04: District 50176 - MILFORD (CLE & HAM county)  
 B.CL.02: Major Maint 11 - State Park, Forest, or Reservation Agency /  
 225 Routine Main A/B 11 - State Park, Forest, or Reservation Agency /  
 221 Inspection A/B 01 - State Highway Agency /

5A: Inventory Route 2 00126  
 7: Facility On BIKE PATH  
 6: Feature Ints BIKE PATH OV SHAWNEE RUN  
 9: Location ODNR BIKE PATH  
 Lat, Lon 39.175697 , -84.300310

**Condition**

**B.C.01: Deck** 4  
 58.01: Wearing Surface N  
**B.C.08: Joint** N  
**B.C.02: Superstructure** 4  
 59.01: Paint & PCS N  
**B.C.03: Substructure** 6  
**B.C.09: Channel** N  
**B.C.11: Scour** N  
**B.C.10: Channel Prot.**  
**B.C.05: Bridge Railing**  
**B.C.06: Transitions**  
**B.C.07: Bearings**  
**B.C.04: Culverts** N  
**Ohio GA** 4

**Appraisal**

B.AP.03: Scour Vul. Not over Waterway

**Geometric**

48: Max Span Length (ft) 23.0  
 49: Structure Length (ft) 24.0  
 52: Deck Width, Out-To-Out (ft) 31.5  
 424: Deck Area (sf) 756  
 32: Appr Roadway Width (ft) 23.0  
 51: Road Width, Curb-Curb (ft) 23.0  
 50A: Curb/SW Width: Left (ft) 10  
 50A: Curb/SW Width: Right (ft) 0  
 34: Skew (deg) 0  
 33: Bridge Median 0 - No median  
 54B: Min Vert Underclearance (ft) 11  
 336A: Min Vert Clrnce IR Cardinal (ft) 11  
 336B: Min V Clr IR Non-Cardinal (ft) 0  
 578: Culvert Length (ft) 0

**Load Posting**

41: Op/Post/Closed A - Open  
 70: Posting  
 70.01: Date  
 70.02: Sign Type  
 734: Percent Legal (%) 0  
 704: Analysis Date 07/01/1991  
 63: Analysis Method 7 - Allowable Stress (AS) rating reported by rating factor (RF) method using MS18 loading.

**Structure Type**

43: Bridge Type 1 - Concrete  
 01 - Slab  
 N- Not Applicable  
 45: Spans Main / Approach 1 / 0  
 107: Deck Type 1 - Concrete Cast-in-Place  
 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

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 0 - Other  
 533: Foundn: Abut Rear 0 - Other  
 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 1900 / 1991  
 42A: Service On 3 - Pedestrian-bicycle  
 42B: Service Under 1 - Highway, with or w/out pedestrian  
 28A: Lanes on 00  
 28B: Lanes Under 02  
 19: Bypass Length 0  
 29: ADT 10  
 109: % Trucks (%)

**Inspections**

90: Routine Insp. 12 Months 05/21/2024  
 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

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ODOT District: District 08

**HAM-001SP-0035 \_(3190161)**

Date Built: 07/01/1900

Rehab Date: 01/01/1991

Major Maint: 11 - State Park, Forest, or  
Reservation Agency

Facility Carried: BIKE PATH

Traffic On: 3 - Pedestrian-bicycle

Routine Maint: 11 - State Park, Forest, or  
Reservation Agency

Feature Inters: BIKE PATH OV SHAWNEE  
RUN

Traffic Under: 1 - Highway, with or w/out  
pedestrian

FIPS Code: 50176 - MILFORD (CLE & HAM county)

Location: DISTRICT 08

ODNR BIKE PATH

Insp. 01 - State Highway Agency  
Resp A:

Insp  
Resp B:

Inspector

Bishop,Dwayne

Inspection Date 04/30/2025

Reviewer Not Approved

**Inspector Comments - Deck and Approach**

**Deck**

**Floor/Slab**

Spall with exposed resteel mainly to west slab, (65sf.). East slab has 1 small delaminated area. Numerous scrape markings throughout floor. Small collision gouges to outside edges. Floor consists of 4 each separate slabs with 1/2" joints between slabs, joints have discoloration with heavy leakage. Spall 1.5sf along OS face of north west slab. 3 spalls in east slab.

**Curbs/Sidewalk**

Walkway/bike path. Asphalt over structure and rear with couple small unsealed cracks over structure.

**Bridge Railing**

Bike rail boards, weathered, some slightly warped.

**Approach**

**Approach Wearing Surface**

Asphalt bike path in good condition.

**Approach Embankment**

Steep side slopes have minor slumping at approaches. Slight dip throughout top of embankment starting 10' forward of structure. Very minor settlement to embankment at forward, rear and over structure. Debris and small rocks at edge of wall over roadway.

**Approach Guardrail**

Bike rail has weathered boards, some slightly warped. Damage to top rail NE corner.

**Signs**

Advance warning signs on route under structure (Shawnee Run Rd.) at right. Sign on east face of structure has scrapes, tear at bottom edge and west sign has scrapes..

**Inspector Comments - General Appraisal**

**Superstructure**

**Slab**

Spall with exposed resteel mainly to west slab, (65sf.). East slab has a few spalls with resteel exposed.

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Numerous scrape markings throughout floor. Small collision gouges to outside edges. Floor consists of 4 each separate slabs with 1/2" joints between slabs, joints have discoloration with heavy leakage. Spall 1.5sf along OS face of north west slab. ( 2021 No delams found ) (2023 - few small areas of delam) submitted email.

REVIEWER NOTE 2021: This structure should be rated based upon the worst of the 4 individual slab because they do not appear to share/distribute load between them. Consequently, the rating should be based upon the westernmost slab and downgraded to a Superstructure Summary (and GA) = 4 since the percent of spalling in this slab exceeds 10%.

### **Substructure**

#### **Abutment Walls**

Vertical cracks in both abutments with one 1/4" to 1/2" wide vertical crack in south abutment. An area of delam along this crack is up to 4" side and 2' long. A few random hairline short cracks. South has couple small patches & mortar rubbed areas. Minor collision scrape markings minor spalls at lower left rear corner.

#### **Wingwalls**

Random hairline to 1/8" vertical cracks with some efflorescence & small delaminated areas, mostly along upper horizontal construction joint. East side, top extended over structure with timbers for holding back embankment, new timbers have been placed along this area. North west and east wingwalls have areas of heavy cracking with efflor and unsound areas. A few shallow spalls at ww ends. Northeast WW has spall and delam under cap of wall.

### **Culvert**

### **Inspector Comments - Waterway**

#### **Waterway Adequacy**

#### **Channel**

#### **Scour Critical**

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### Bridge Inspection Report

### Pictures