

Inspector: Schmidt,Eric  
Inspection Date: 05/21/2024

Structure Number: 3190161  
Facility Carried: BIKE PATH

## Ohio Bridge Inspection Summary Report

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

2: District	Distr 50176 - MILFORD (CLE & HAM county) ict 08	/	5A: Inventory Route	2	00126
21: Major Maint A/B	11 - State Park, Forest, or Reservation Agency	/	7: Facility On	BIKE PATH	
225 Routine Main A/B	11 - State Park, Forest, or Reservation Agency	/	6: Feature Ints	BIKE PATH OV SHAWNEE RUN	
221 Inspection A/B	01 - State Highway Agency	/	9: Location	ODNR BIKE PATH	
220: Inv. Location	DISTRICT 08		Lat, Lon	39.175697	,-84.30031

Condition		Structure Type	
58: Deck	<b>4 - Poor Condition</b>	43: Bridge Type	1 - Concrete 01 - Slab N - Not Applicable
58.01 Wearing Surface	N - Not Applicable	45: Spans Main / Approach	1 / 0
58.02 Joint	N- Not Applicable	107: Deck Type	1 - Concrete Cast-in-Place
59: Superstructure	<b>4 - Poor Condition</b>	408: Composite Deck	X - Not Applicable
59.01 Paint & PCS	N - Not Applicable	414A Joint Type 1	N - None
60: Substructure	<b>6 - Satisfactory Condition</b>	414B: Joint Type 2	N - None
61: Channel	N	108A: Wearing Surface	N - NA
61.01 Scour	N - Not Applicable		N- Not Applicable
62: Culverts	N - Not Applicable		
67.01 GA	4		
Appraisal		422: WS Date 423: WS Thick (in) 482: Protective Coating 483: PCS Date 453: Bearing Type 1 455: Bearing Type 2 528: Foundn: Abut Fwd 533: Foundn: Abut Rear	
Sufficiency Rating	34.0	SD/FO 1 - SD	0.0 N - None or Not Applicable
36: Rail, Tr, Gd, Term Std	N N N N		
72: Approach Alignment	8 - Equal to present desirable criteria		483: PCS Date
113: Scour Critical	N - Not over waterway		453: Bearing Type 1 N - None
71: Waterway Adequacy	N - Not Applicable		455: Bearing Type 2 N - None
Geometric		528: Foundn: Abut Fwd 533: Foundn: Abut Rear 536: Foundn: Pier 1 539: Foundn: Pier 2	
48: Max Span Length (ft)	23.0	0 - Other	N - None (Such as most Culverts)
49: Structure Length (ft)	24.0		N - None (Such as most Culverts)
52: Deck Width, Out-To-Out (ft)	31.5		
424: Deck Area (sf)	756	Age and Service	
32: Appr Roadway Width (ft)	23.0	27: Year Built/ 106 Rehab	1900 / 1991
51: Road Width, Curb-Curb (ft)	23.0	42A: Service On	3 - Pedestrian-bicycle
50A: Curb/SW Width: Left (ft)	10	42B: Service Under	1 - Highway, with or w/out pedestrian
50A: Curb/SW Width: Right (ft)	0	28A: Lanes on	00
34: Skew (deg)	0	28B: Lanes Under	02
33: Bridge Median	0 - No median	19: Bypass Length	0
54B: Min Vert Underclearance (ft)	11	29: ADT	10
336A: Min Vert Clrnce IR Cardinal (ft)	11	109: % Trucks (%)	
336B: Min V Clr IR Non-Cardinal (ft)	0		
578: Culvert Length (ft)	0	Inspections	

Load Posting		Months	
41: Op/Post/Closed	A - Open	90: Routine Insp.	12 05/21/2024
70: Posting		92A: FCM Insp.	N 0
70.01: Date		92B: Dive Insp.	N 0
70.02: Sign Type		92C: Special Insp.	N 0
734: Percent Legal (%)	0	92D: UBIT Insp.	N 0
704: Analysis Date	07/01/1991	92E: Drone Insp.	N 0
63: Analysis Method	7 - Allowable Stress (AS) rating reported by rating factor (RF) method using MS18 loading.		
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<b>HAM-001SP-0035_(3190161)</b>			
ODOT District:	District 08	Date Built:	07/01/1900
Major Maint:	11 - State Park, Forest, or Reservation Agency	Rehab Date:	01/01/1991
Routine Maint:	11 - State Park, Forest, or Reservation Agency	Insp. Resp A:	01 - State Highway Agency
FIPS Code:	50176 - MILFORD (CLE & HAM county)	Insp. Resp B:	
Inspector	Schmidt,Eric	Inspection Date	05/21/2024
		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 has been placed along this area. North west and east wingwalls have areas of heavy cracking with efflor. 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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**Pictures**