

Inspector: Harding, Rich  
 Inspection Date: 11/30/2023

Structure Number: 8500304  
 Facility Carried: SR 3

## Ohio Bridge Inspection Summary Report

**WAY-00003-1183 (8500304)**

2: District 86562 - WOOSTER TWP (WAY county)  
 District 03

5A: Inventory Route 1 00003

21: Major Maint A/B 01 - State Highway Agency /  
 225 Routine Main A/B 01 - State Highway Agency /  
 221 Inspection A/B 01 - State Highway Agency /  
 220: Inv. Location DISTRICT 03

7: Facility On SR 3  
 6: Feature Ints DITCH  
 9: Location 1.03 MILES NORTH OF SR85  
 Lat, Lon 40.790134, -81.955253

Condition	
<b>58: Deck</b>	<b>N - Not Applicable</b>
58.01 Wearing Surface	N - Not Applicable
58.02 Joint	N - Not Applicable
<b>59: Superstructure</b>	<b>N - Not Applicable</b>
59.01 Paint & PCS	N - Not Applicable
<b>60: Substructure</b>	<b>N - Not Applicable</b>
<b>61: Channel</b>	<b>7</b>
61.01 Scour	<b>7 - Good</b>
<b>62: Culverts</b>	<b>4 - Large spalls, heavy scaling, wide cracks</b>
<b>67.01 GA</b>	<b>4</b>

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	X - Not Applicable
414A Joint Type 1	N - None
414B: Joint Type 2	N - None
108A: Wearing Surface	N - NA
	N - Not Applicable

Appraisal	
Sufficiency Rating	27.8 SD/FO 1 - SD
36: Rail, Tr, Gd, Term Std	N N 1 1
72: Approach Alignment	7 - Better than present minimum criteria
113: Scour Critical	8 - Stable for scour conditions
71: Waterway Adequacy	7 - Slight Chance of Overtopping Bridge

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)	15.5
49: Structure Length (ft)	16.0
52: Deck Width, Out-To-Out (ft)	0.0
424: Deck Area (sf)	1472
32: Appr Roadway Width (ft)	92.0
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	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)	140

Age and Service	
27: Year Built/ 106 Rehab	1962 / 0000
42A: Service On	1 - Highway
42B: Service Under	5 - Waterway
28A: Lanes on	04
28B: Lanes Under	00
19: Bypass Length	8
29: ADT	12203
109: % Trucks (%)	4

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	07/01/2003
63: Analysis Method	6 - Load Factor (LF) rating reported by rating factor (RF) method using MS18 loading.

Inspections		
	<i>Months</i>	
90: Routine Insp.	12	11/30/2023
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	Harding, Rich	

Inspector: Harding, Rich  
 Inspection Date: 11/30/2023

Structure Number: 8500304  
 Facility Carried: SR 3

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
<b>240-Steel Culvert</b>	3 - Mod.	140	ft.	0	54	86	0
	CS2-2020 Both radius bolt lines w/ moderate to heavy flaky rust CS3-2020 Full length w/ pitting & section loss - some heavy above paved concrete invert ; in top: a few rust areas, one w/ heavy flaky rust & section loss; minor leakage @ joints.						
<b>835-Culvert End Treatment</b>	3 - Mod.	2	each	0	2	0	0
	CS2-2020 Slight separation / small gap @ jct. of pipe & headwall / endwall @ each end.						
<b>845-Roadway Over Structure</b>	3 - Mod.	1	each	1	0	0	0
	2021 New pavement with project						

**Inspector:** Harding, Rich

**Structure Number:** 8500304

**Inspection Date:** 11/30/2023

**Facility Carried:** SR 3

ODOT District: District 03

**WAY-00003-1183\_(8500304)**

Date Built: 07/01/1962

Major Maint: 01 - State Highway Agency

Facility Carried: SR 3

Traffic On: 1 - Highway

Rehab Date:

Routine Maint: 01 - State Highway Agency

Feature Inters: DITCH

Traffic Under: 5 - Waterway

Insp. Resp A: 01 - State Highway Agency

FIPS Code: 86562 - WOOSTER TWP (WAY county)

Location: DISTRICT 03

1.03 MILES NORTH OF SR85

Insp

Inspector

Harding, Rich

Inspection Date 11/30/2023

Reviewer Kapustar, Kent

Resp B:

**Inspector Comments - Deck and Approach**

**Deck**

**Approach**

**Approach Wearing Surface (EA)**

2014 micro-surfacing; 2012 new asphalt micro-surfacing w/ proj.#589(11); 1999 new resurfacing.

**Approach Embankment (EA)**

Rear lt.: minor slumping of embankment.

**Inspector Comments - General Appraisal**

**Superstructure**

**Substructure**

**Culvert**

**Culvert General (LF)**

Three-inch thick paved concrete invert in project (99)0306.

**Culvert Alignment (LF)**

Some unevenness throughout - both ends raised slightly w/ minor gap @ wingwalls & sag under roadway sections.

**Culvert Shape (LF)**

In top: areas of flattening w/ cusping (1/4"+/-); fwd.& rear areas w/ minor inward bulging & cusping (1/4"+/-).

**Culvert Seams (EA)**

Minor cusping in top & sides; \*note: radius bolt line just above top edge of concrete invert: flaky rust, some heavy plus section loss of bolt heads (nuts on the outside of pipe).

Inspector: Harding, Rich

Structure Number: 8500304

Inspection Date: 11/30/2023

Facility Carried: SR 3

**Culvert Headwall/Endwall (EA)**

**Inspector Comments - Waterway**

**Waterway Adequacy**

**Channel Hydraulic Opening (EA)**

2018 High water elevation over 75% capacity; previous high water level @ 100% capacity.

**Channel**

**Channel Alignment (LF)**

Culvert invert elevation lower than inlet & outlet.

**Scour Critical**

**Inspector:** Rich Harding

**Structure Number:** 8500304

**Inspection Date:** 11/30/2023

**Facility Carried:** SR 3

**Bridge Inspection Report**

**Pictures**