

Inspector: Gerstenslager,Michael
 Inspection Date: 08/26/2022

Structure Number: 2801779
 Facility Carried: USR 422

Bridge Inspection Report

Ohio Bridge Inspection Summary Report

GEA-00422-1226 (2801779)

2: District 77574 - TROY TWP (GEA county)
 District 12

5A: Inventory Route 1 00422

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 12

7: Facility On USR 422
 6: Feature Ints CUY. RIV. 0.78 MI. W 700
 9: Location 0.78 MI W SR700
 Lat, Lon 41.386711 ,-81.157806

Condition		Structure Type	
58: Deck	9 - Excellent Condition	43: Bridge Type	4 - Steel continuous
58.01 Wearing Surface	9 - Excellent		02 - Stringer/Multi-beam or Girder
58.02 Joint	N- Not Applicable		N- Not Applicable
59: Superstructure	9 - Excellent Condition	45: Spans Main / Approach	3 / 0
59.01 Paint & PCS	9 - Excellent	107: Deck Type	1 - Concrete Cast-in-Place
60: Substructure	8 - Very Good Condition	408: Composite Deck	Y - Composite Construction
61: Channel	8	414A Joint Type 1	N - None
61.01 Scour	7 - Good	414B: Joint Type 2	N - None
62: Culverts	N - Not Applicable	108A: Wearing Surface	1 - Monolithic Concrete (concurrently placed with structural deck)
67.01 GA	8		Blank

Appraisal			
Sufficiency Rating	98.1	SD/FO	0 - ND
36: Rail, Tr, Gd, Term Std	1	1	1 1
72: Approach Alignment	8 - Equal to present desirable criteria		
113: Scour Critical	8 - Stable for scour conditions		
71: Waterway Adequacy	8 - Bridge Above Approaches		

422: WS Date	12/01/2021
423: WS Thick (in)	1.0
482: Protective Coating	9 - Paint System IZEU
483: PCS Date	01/01/1993
453: Bearing Type 1	D - Integral & semi-integral abutment bearings
455: Bearing Type 2	4 - Elastomeric (Plain)
528: Foundn: Abut Fwd	1 - Steel H Piles (Other size)
533: Foundn: Abut Rear	1 - Steel H Piles (Other Size)
536: Foundn: Pier 1	1 - Steel H Piles (Other size)
539: Foundn: Pier 2	N - None (Such as most Culverts)

Geometric	
48: Max Span Length (ft)	65.0
49: Structure Length (ft)	174.0
52: Deck Width, Out-To-Out (ft)	57.0
424: Deck Area (sf)	9918
32: Appr Roadway Width (ft)	57.0
51: Road Width, Curb-Curb (ft)	57.0
50A: Curb/SW Width: Left (ft)	0
50A: Curb/SW Width: Right (ft)	0
34: Skew (deg)	15
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

Age and Service	
27: Year Built/ 106 Rehab	1963 / 2021
42A: Service On	1 - Highway
42B: Service Under	5 - Waterway
28A: Lanes on	02
28B: Lanes Under	00
19: Bypass Length	2
29: ADT	13664
109: % Trucks (%)	10

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 (%)	120
704: Analysis Date	06/09/2020

Inspections		
	Months	
90: Routine Insp.	12	08/26/2022
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	Gerstenslager,Michael	

Inspector: Gerstenslager, Michael

Structure Number: 2801779

Inspection Date: 08/26/2022

Facility Carried: USR 422

Bridge Inspection Report

63: Analysis Method 8 - Load and Resistance Factor Rating (LRFR) rating report by rating factor (RF) method using HL-93 loadings.

Inspector: Gerstenslager, Michael
Inspection Date: 08/26/2022

Structure Number: 2801779
Facility Carried: USR 422

Bridge Inspection Report

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
12-Reinforced Concrete Deck	3 - Mod.	9918	sq. ft.	9918	0	0	0
510-Wearing Surfaces		9918	sq. ft.	9918	0	0	0
107-Steel Open Girder/Beam	3 - Mod.	1352	ft.	1352	0	0	0
515-Steel Protective Coating		11496	sq. ft.	11496	0	0	0
215-Reinforced Concrete Abutment	3 - Mod.	161	ft.	160	0	1	0
CS 3: 1' sealed spall at forward-right.							
225-Steel Pile	3 - Mod.	26	each	26	0	0	0
Note: Slight misalignment of new piles.							
234-Reinforced Concrete Pier Cap	3 - Mod.	113	ft.	113	0	0	0
310-Elastomeric Bearing	3 - Mod.	16	each	16	0	0	0
312-Enclosed/Concealed Bearing	3 - Mod.	16	each	16	0	0	0
321-Reinforced Concrete Approach Slab	3 - Mod.	2850	sq. ft.	2850	0	0	0
331-Reinforced Concrete Bridge Railing	3 - Mod.	348	ft.	348	0	0	0
815-Drainage	3 - Mod.	4	each	4	0	0	0
840-Approach Slab: Termination or Joint	3 - Mod.	114	ft.	110	4	0	0
CS 2: Minor rutting at both ends in painted median.							

Inspector: Gerstenslager,Michael
Inspection Date: 08/26/2022

Structure Number: 2801779
Facility Carried: USR 422

Bridge Inspection Report

ODOT District: District 12

GEA-00422-1226_(2801779)

Major Maint: 01 - State Highway Agency

Facility Carried: USR 422

Traffic On: 1 - Highway

Date Built: 07/01/2022

Rehab Date: 12/01/2021

Routine Maint: 01 - State Highway Agency

Feature Inters: CUY. RIV. 0.78 MI. W 700

Traffic Under: 5 - Waterway

Insp. 01 - State Highway Agency

Resp A:

FIPS Code: 77574 - TROY TWP (GEA county)

Location: DISTRICT 12

0.78 MI W SR700

Insp

Resp B:

Inspector

Gerstenslager,Michael

Inspection Date 08/26/2022

Reviewer Seif,Youssef

Inspector Comments - Deck and Approach

Deck

Approach

Approach Wearing Surface

Inspector Comments - General Appraisal

Superstructure

Substructure

Culvert

Inspector Comments - Waterway

Waterway Adequacy

Channel Hydraulic Opening

Maximum water depth at P1 = 6' 7". Maximum water depth at P2 = 6'.

Channel

Scour Critical

Note: piles driven to maximum depth of 85'

Inspector: Michael Gerstenslager

Structure Number: 2801779

Inspection Date: 08/26/2022

Facility Carried: USR 422

Bridge Inspection Report

Pictures