

Ohio Bridge Inspection Summary Report

GEA-00422-1226 (2801779)

2: District 77574 - TROY TWP (GEA county)
 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
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58: Deck **9 - Excellent Condition**
 58.01 Wearing Surface 9 - Excellent
 58.02 Joint N- Not Applicable
59: Superstructure **9 - Excellent Condition**
 59.01 Paint & PCS 4 - Poor PCS (15-20% corr.)
60: Substructure **8 - Very Good Condition**
61: Channel **8**
 61.01 Scour **7 - Good**
62: Culverts **N - Not Applicable**

43: Bridge Type 4 - Steel continuous
 02 - Stringer/Multi-beam or Girder
 N- Not Applicable
 45: Spans Main / Approach 3 / 0
 107: Deck Type 1 - Concrete Cast-in-Place
 408: Composite Deck Y - Composite Construction
 414A Joint Type 1 N - None
 414B: Joint Type 2 N - None
 108A: Wearing Surface 1 - Monolithic Concrete
 (concurrently placed with structural
 deck)
 Blank

67.01 GA **8**

Appraisal			
Sufficiency Rating	98.1	SD/FO	0 - ND
36: Rail, Tr, Gd, Term Std	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	
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48: Max Span Length (ft) 65.0
 49: Structure Length (ft) 174.0
 52: Deck Width, Out-To-Out (ft) 44.0
 424: Deck Area (sf) 7656
 32: Appr Roadway Width (ft) 44.0
 51: Road Width, Curb-Curb (ft) 44.0
 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	
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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	
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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
 63: Analysis Method 8 - Load and Resistance Factor Rating
 (LRFR) rating report by rating factor (RF)
 method using HL-93 loadings.

Inspections		
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	<i>Months</i>	
90: Routine Insp.	12	12/02/2021
92A: FCM Insp.	N	0
92B: Dive Insp.	N	0
92C: Special Insp.	N	
92D: UBIT Insp.	N	0
92E: Drone Insp.		
Inspector	Banaszak, Ken	

Inspector: Ken Banaszak
 Inspection Date: 12/02/2021

Structure Number: 2801779
 Facility Carried: USR 422

Bridge Inspection Report

Element Inspection

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
12 - Reinforced Concrete Deck	3 - Mod.	7656	sq. ft.	7656	0	0	0
North half new at 2021 inspection.							
510 - Wearing Surfaces		7656	sq. ft.	7656	0	0	0
North half new at 2021 inspection.							
107 - Steel Open Girder/Beam	3 - Mod.	1392	ft.	1392	0	0	0
North half new at 2021 inspection.							
515 - Steel Protective Coating		11456	sq. ft.	0	11456	0	0
CS2 - In shop prime coat.							
215 - Reinforced Concrete Abutment	3 - Mod.	161	ft.	161	0	0	0
North half new at 2021 inspection.							
225 - Steel Pile	3 - Mod.	26	each	26	0	0	0
Under construction at 2021 inspection.							
234 - Reinforced Concrete Pier Cap	3 - Mod.	113	ft.	113	0	0	0
310 - Elastomeric Bearing	3 - Mod.	8	each	8	0	0	0
312 - Enclosed/Concealed Bearing	3 - Mod.	16	each	16	0	0	0
313 - Fixed Bearing	3 - Mod.	0	each	0	0	0	0
321 - Reinforced Concrete Approach Slab	3 - Mod.	2850	sq. ft.	2850	0	0	0
North half new at 2021 inspection.							
331 - Reinforced Concrete Bridge Railing	3 - Mod.	348	ft.	348	0	0	0
North half new at 2021 inspection.							
815 - Drainage	3 - Mod.	2	each	2	0	0	0
840 - Approach Slab: Termination or Joint	3 - Mod.	114	ft.	114	0	0	0
North half new at 2021 inspection.							

ODOT District: District 12

GEA-00422-1226_(2801779)

Date Built: 07/01/1963

Major Maint: 01 - State Highway Agency

Facility Carried: USR 422

Traffic On: 1 - Highway

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

FIPS Code: 77574 - TROY TWP (GEA county)

Location: DISTRICT 12

0.78 MI W SR700

Resp A:

Insp

Resp B:

Inspector

Banaszak, Ken

Inspection Date

12/02/2021

Reviewer

Seif, Youssef

Inspector Comments - Deck and Approach

Deck

Note: New north half open to traffic on 12/1/21. This is carrying two way traffic while south half started under construction on 12/2/21.

Approach

Approach Wearing Surface

New at 2021 inspection.

Inspector Comments - General Appraisal

Superstructure

Substructure

Culvert

Inspector Comments - Waterway

Waterway Adequacy

Channel Hydraulic Opening

Maximum water depth at P1 = 10'. Maximum water depth at P2 = 6'. Reference point from water line to bottom of P2 cap = 6'.

Dry suited in 2020 by JM

Channel

Scour Critical