

Inspector: Persanyi,Andrea  
 Inspection Date: 10/17/2022

Structure Number: 2800071  
 Facility Carried: USR 6

Bridge Inspection Report

**Ohio Bridge Inspection Summary Report**

**GEA-00006-1067 (2800071)**

2: District 32914 - HAMB DEN TWP (GEA county)  
 District 12

5A: Inventory Route 1 00006

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 6  
 6: Feature Ints BATES CRK 2.06 MI. E 608  
 9: Location 2.1 MI. E. OF JCT SR 608  
 Lat, Lon 41.607181 , -81.107994

Condition	Structure Type
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**58: Deck**                    **6 - Satisfactory Condition**  
 58.01 Wearing Surface    6 - Satisfactory (1-10% distress)  
 58.02 Joint                N- Not Applicable  
**59: Superstructure**       **6 - Satisfactory Condition**  
 59.01 Paint & PCS        N - Not Applicable  
**60: Substructure**         **8 - Very Good Condition**  
**61: Channel**               **8**  
 61.01 Scour                **7 - Good**  
**62: Culverts**              **N - Not Applicable**  
**67.01 GA**                    **6**

43: Bridge Type    5 - Prestressed concrete  
                           05 - Box Beam or Girders - Multiple  
                           N- Not Applicable  
 45: Spans Main / Approach    1                    /    0  
 107: Deck Type                1 - Concrete Cast-in-Place  
 408: Composite Deck        N - Non-composite Construction  
 414A Joint Type 1            N - None  
 414B: Joint Type 2           N - None  
 108A: Wearing Surface    6 - Bituminous  
                                      N- Not Applicable  
 422: WS Date                 01/01/2005  
 423: WS Thick (in)           2.0  
 482: Protective Coating    N - None or Not Applicable  
 483: PCS Date  
 453: Bearing Type 1        4 - Elastomeric (Plain)  
 455: Bearing Type 2        N - None  
 528: Foundn: Abut Fwd    1 - Steel H Piles (Other size)  
 533: Foundn: Abut Rear    1 - Steel H Piles (Other Size)  
 536: Foundn: Pier 1        N - None (Such as most Culverts)  
 539: Foundn: Pier 2        N - None (Such as most Culverts)

Appraisal
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Sufficiency Rating    98.6                    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    9 - Bridge Above Flood Water Elevations

Age and Service	
27: Year Built/ 106 Rehab	1992            /    0000
42A: Service On	1 - Highway
42B: Service Under	5 - Waterway
28A: Lanes on	02
28B: Lanes Under	00
19: Bypass Length	7
29: ADT	2787
109: % Trucks (%)	7

Geometric
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48: Max Span Length (ft)            26.0  
 49: Structure Length (ft)            30.0  
 52: Deck Width, Out-To-Out (ft)    44.0  
 424: Deck Area (sf)                    1320  
 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)                        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)            0

Inspections
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90: Routine Insp.	12	10/17/2022
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

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 (%)        150  
 704: Analysis Date            10/05/2017  
 63: Analysis Method         6 - Load Factor (LF) rating reported by rating factor (RF) method using MS18

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loading.

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	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
<b>15-Prestressed Concrete Top Flange</b>	3 - Mod.	880	sq. ft.	880	0	0	0
See beam comments.							
<b>510-Wearing Surfaces</b>		880	sq. ft.	0	880	0	0
CS2- Asphalt wearing surface on box beam superstructure, cracks throughout and at bridge limits.							
<b>104-Prestressed Concrete Closed Web/Box Girder</b>	3 - Mod.	286	ft.	197	40	47	2
CS2- Water is infiltrating at joints 6,7,8, and 9 CS3- Some delams. Rust stains and stalactites along some joints. Joints 6 and 7 have delams and spalls with tendon exposure. Right fascia has spall with rail anchor bolt exposure. Shallow spalls to left fascia. CS4- Right fascia has a 2 LF spall with 1 tendon exposed with section loss and severed strands.							
<b>215-Reinforced Concrete Abutment</b>	3 - Mod.	88	ft.	80	8	0	0
CS2- Some leaching cracks. Areas of efflorescence build up.							
<b>310-Elastomeric Bearing</b>	3 - Mod.	44	each	44	0	0	0
<b>321-Reinforced Concrete Approach Slab</b>	3 - Mod.	1320	sq. ft.	1320	0	0	0
Paved over with asphalt.							
<b>330-Metal Bridge Railing</b>	3 - Mod.	52	ft.	30	13	6	3
CS2- Minor surface rust and collision scrapes. CS3- Some rusting section loss. CS4- A few minor rust thru holes.							
<b>815-Drainage</b>	3 - Mod.	2	each	2	0	0	0
<b>840-Approach Slab: Termination or Joint</b>	3 - Mod.	48	ft.	48	0	0	0

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ODOT District: District 12

**GEA-00006-1067 \_(2800071)**

Date Built: 07/01/1992

Major Maint: 01 - State Highway Agency

Facility Carried: USR 6

Traffic On: 1 - Highway

Rehab Date:

Routine Maint: 01 - State Highway Agency

Feature Inters: BATES CRK 2.06 MI. E 608

Traffic Under: 5 - Waterway

Insp. 01 - State Highway Agency

FIPS Code: 32914 - HAMB DEN TWP (GEA county)

Location: DISTRICT 12

2.1 MI. E. OF JCT SR 608

Resp A:

Insp

Resp B:

Inspector

Persanyi,Andrea

Inspection Date

10/17/2022

Reviewer Seif,Youssef

**Inspector Comments - Deck and Approach**

**Deck**

**Approach**

**Approach Wearing Surface (EA)**

New.

**Approach Guardrail**

Minor collision damage to both rear.

**Inspector Comments - General Appraisal**

**Superstructure**

**Substructure**

**Slope Protection**

**Culvert**

**Inspector Comments - Waterway**

**Waterway Adequacy**

**Channel**

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**Scour Critical**

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**Pictures**