

(203) Bridge (Dedicated) Name:

BRIDGE INVENTORY AND APPRAISAL

Report Date: 6/12/2024

Structure File Number: 2103702

Inventory Bridge Number: DEL 00605 00380

Sufficiency Rating: 069.2 Deficiency Rating: SD

CENTER DITCH

Bridge Status: Active

|   |                            |   |   |
|---|----------------------------|---|---|
| (2) District: 06                              | (3) County: 21-DELAWARE    | (9) Location: 0.38 Mi N Of Franklin Co                  | (7) Facility Carried: Sr 605                                  |
| (4) FIPS Code: None                           | Owner:                     | (208) Route On Bridge: State (Odot) (Toll Free)         | (207) Route Under Bridge: Non Highway Traffic On Bridge (I.E. |
| (102) Direction of Traffic: 2 - 2-Way Traffic | (103) Temporary Structure: | (110) Designated National Network: Not National Network | (101) Parallel: N   |
|   |                            | (42A) Type Serv: (On): Highway                          | (42B) Type Serv (Under): Waterway                             |

INVENTORY ROUTE DATA

(5A) Route On/Under: 1 - 1: Route Carried "On" The Structure  
 (5B) Hwy Sys: 3 - State Highway  
 (5D) Route No: 00605 (5E) Dir: Not Applic (5C) Des: Mainline  
 (6) Feature Int: Center Ditch  
 (200) CL: 00380 (201) Spec Des: (209) Interstate Mile:  
 (29) Avg. Daily Traffic(ADT): 4,302 (30) ADT Year: 2015  
 (235) Truck Traf: 0 (210) Corridor: (104) NHS: structure/route is not on nhs  
 (26) Functional Class: rural - minor arterial (100) Strahnt: Not A Strahnet Route

(45) Main Spans Number: 2 (43) Type: Steel /Culvert (Includes Frame Culverts) /Not Applicable  
 (46) Approach Spans Nbr: 0 (44) Type: Other /Other /Not Applicable  
 (307) Total Spans: 2 (48) Max Span: 6.0 Ft (49) Overall Leng: 14.0 Ft

SUBSTRUCTURE

Abut-Rear (532) Matl: None (531) Type: None (533) Fnd: None (Such As Most Culverts)  
 Abut-Fwd (527) Matl: None (526) Type: None (528) Fnd: None (Such As Most Culverts)  
 Pier-Pred (535) Matl: None (534) Type: None (536) Fnd: None (Such As Most Culverts)  
 (663) Stream Velocity: 00000 fps (113) Scour: Stable For Scour Conditions  
 (92B) Underwater Inspection: N Freq: (655) Chan Prot: None  
 0  
 (93B) Date of last Underwater Insp: (657) Drainage Area: Sq Mi

INTERSECTED ROUTE DATA

(370A) Record Type: (370B) Hwy Sys:  
 (370D) Route No: (370E) Dir: (370C) Des:  
 (373) Feature Int:  
 (382) CL: 0000 (371) Interstate Mile: (387) Special Desig:  
 (379) Avg. Daily Traffic(ADT): 0 (380) ADT Year: 0  
 (381) Truck Traf: 0 (384) Corridor: (378) NHS: -  
 (375) Functional Class: (386) Strahnt:

CLEARANCE UNDER THE BRIDGE

Min. Horiz on Bridge: (335) NC: Ft (47) Card: 36.0 Ft  
 (53) Prac Max Vert On Brg: 99.0 Ft  
 Min Vrt Clr On Brg: (336) NC: 0.0 Ft (10) Card: 99.0 Ft  
 Min Latl Clr: (338) Right NC: Ft (337) Right Card: Ft  
 (340) Left NC: Ft (339) Left Card: Ft

Min. Horiz Under Clear: (326) NC: Ft (325) Card: Ft  
 (328) Prac Max Vrt Under Clear: Ft  
 Min Vert Under Clear: (327) NC: Ft (54) Card: 0.0 Ft  
 Min Lat Under Clear: (329) Right NC: Ft (55) Right Card: 0.0 Ft  
 (330) Left NC: Ft (56) Left Card: 0.0 Ft

STRUCTURE INFORMATION

(19) Bypass Length: 8.0 Miles  
 (16) Latitude: 40 Deg 08 Min 00.31 Sec (17) Longitude: 82 Deg 48 Min 35.05 Sec  
 (20) Toll: On Free Road  
 (263) Date Built: 7/1/1961 (264) Major Reconstruction Date:  
 (28A) No. Lanes On: 2 (28B) No. Lanes Under: 0  
 (301) Horiz Curve: (34) Skew: 14 Deg  
 (32) App. Rdw Width: 36 Ft (51) Brg. Rdw Width: 0.0 Ft  
 (52) Deck Width: 0.0 Ft (424) Deck Area: 504 Sq. Ft  
 (406) Median Type: None /Non Barrier /No Joint  
 (33) Bridge Median: No Median  
 Sidewalks: (50A) Left 0.0 Ft (50B) Right 0.0 Ft  
 Type Curb or Sidewalk:  
 (427) Left Matl: None (428) Type: None  
 (429) Right Matl: None (430) Type: None  
 (35) Flared: 0 (408) Composite: N - Non-Composite

LOAD RATING INFORMATION

(31) Design Load: H 15  
 (64) Opr Rat Fact/Ton: 1.300  
 (66) Inv Rat Fact/Ton: 1.000  
 (734) Ohio Percent of Legal Load: 150  
 (704) Year of Rating: 2003 (708) Rate Soft: In-House  
 (63) Opr Rat Method: Load Factor (Lf) Rating Reported By Rati  
 (65) Inv Rat Method: Load Factor (Lf) Rating Reported By Rati  
 Load Rater: (705) B&N (706) (707) PE#: 0

APPRAISAL

(71) Waterway Adequacy: 8 Equal to present desirable criteria  
 (72) Approach Alignment: 8 Equal to present desirable criteria  
 (67) Calc Str Appraisal: 4 - Meets minimum tolerable limits  
 (68) Calc Deck Geometry: N - Not Applicable  
 (69) Calc Underclearance: N - Not Applicable

APPROACH INFORMATION

(401) Approach Guardrail:  
 (403) Approach Pavement: (402) Grade:

CULVERT INFORMATION

(575) Culvert Type: Pipe-Elliptical (578) Length: 56.0 Ft  
 (580) Depth of Fill: 2.1 Ft (582) Headwalls:

GENERAL INFORMATION

(475) Main Member: Not Applicable (Culverts, Trusses, Arche) (477) Moment Plate:  
 (414) Expansion Joint: None  
 (453) Bearing Devices: None

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Sufficiency Rating: 069.2 Deficiency Rating: SD

CENTER DITCH

Bridge Status: Active

(407) Railing: None
(409) Deck Drainage: None
(107) Deck Type: Not Applicable
Deck Protection: (108B) External: Na
(108C) Internal: Na
(108A) Wearing Surface: Na
(423) Thickness: 0.0 in (422) Date of Wearing Surface: 8/25/2010
(547) Slope Protection: None

(38) Navigation: 0 (39) Nav Vert Clr: 0.0 Ft (40) Nav Horiz Clear: 0.0 Ft
(92C) Spec Insp: N Freq: 0 (93C) Special Inspection Date:
(92A) Fracture Critical Insp: N Freq: 0 (93A) Fracture Critical Feature Inspection Date:
(474) Main Structure System: Not Applicable (I.E. Culvert, Beam, Slab (468) Hinges: Not Applicable (Structures With No Hinge
(487) Structural Steel Memb: None - No Structural Steel On Bridge (465) Framing: None Or Not Applicable
(482) Paint: None Or Not Applicable (426) Bridge Railing Steel:
(483) PCS Date:

GENERAL INFORMATION (CONTINUED)

ORIGINAL PLANS INFORMATION

(37) Hist Significance: Not Eligible
(112) NBIS: N
(842) Hist/Designer:
(827) Hist Build Year:
(828) Hist Type: None N/A
(98A) Border Bridge State:
(98B) Border Bridge Resp:
(99) Border Bridge SFN:

(250) Fabricator:
(249) Contractor:
(248) Ohio Original Construction Project No: 004761
(252) Microfilm Reel:
(251) Standard Drawing:
Aperture Cards:
(246) Orig: 2
(247) Repair: 2
(245) Fabr: 2

PROPOSED IMPROVEMENTS

(114) Future ADT (On Bridge): 5971 (115) Year of Future ADT: 2035

(709) Rating Source: 1 PLAN INFORMATION AVAILABLE FOR LOAD RATI

INSPECTION SUMMARY

SURVEY ITEMS

UTILITIES

SPECIAL FEATURES

(58) Deck: N
(59) Superstructure: N
(60) Substructure: N
(62) Culvert: 4
(61) Channel: 6
(C6) Approaches:
General Appraisal: 4
(41) Operational Status: A
(90) Inspection date: 10/19/2023
(91) Desig Insp Freq: 12 Mos

(36A) Railings: Na/Safety Feature Not Required
(36B) Transitions: Na/Safety Feature Not Required
(36C) Guardrail: Na/Safety Feature Not Required
(36D) Guardrail Ends: Na/Safety Feature Not Required
(219) Temporary Barrier:
(223) Temporary Shoring:
(224) Temporary Sub Decking: N

(265) Electric Line: U
(266) Gas Line: U
(269) Sanitary Sewer: U
(267) Telephone Line:
(268) TV Cable:
(270) Water Line:
(271) Other Utilities:

(283) Lighting:
(431) Fence: N
(433) Glare-Screen: N
(436) Splash-Guard:
(459) Catwalks: N
(271) Other-Feat:
(279) Signs-On:
(281) Signs-Under
(432) Fence-Ht on Bridge 0.0 FT
(434) Noise Barrier Walls

(253) SFNs Replacing this retired bridge: 2103703
(255) SFNs That were replaced by this bridge:

Insp 1st: 01 - State Highway Agency
2nd:
3rd:
(21) Major Maint 1st: 01 - State Highway Agency
2nd:
3rd:
(225) Routine Maint 1st: 01 - State Highway Agency
2nd:
3rd: