

| (203) Bridge (Dedicated) Name: | | BRIDGE INVENTORY AND APPRAISAL | | Report Date: 4/1/2024 |
|------------------------------------------------------------------------------------|----------------------------|--------------------------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------|
| Structure File Number: 2100878 | | Inventory Bridge Number: DEL 00036 10430 | | |
| Sufficiency Rating: 077.2 Deficiency Rating: | | OLENTANGY RIVER | | Bridge Status: Active |
| (2) District: 06 | (3) County: 21-DELAWARE | (9) Location: 0.03 Mi E Of Us23 | (7) Facility Carried: William St. | |
| (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: National Network | (101) Parallel: N | |
| | | (42A) Type Serv: (On): Highway-Pedestrian | (42B) Type Serv (Under): Waterway | |
| INVENTORY ROUTE DATA | | (45) Main Spans Number: 3 | (43) Type: Steel Continuous | /Stringer/Multi-Beam Or Girder /Not Applicable |
| (5A) Route On/Under: 1 - 1: Route Carried "On" The Structure | | (46) Approach Spans Nbr: 0 | (44) Type: Other | /Other /Not Applicable |
| (5B) Hwy Sys: 2 - U.S. Numbered Highway | | (307) Total Spans: 3 | (48) Max Span: 79.0 Ft | (49) Overall Leng: 242.0 Ft |
| (5D) Route No: 00036 (5E) Dir: Not Applic (5C) Des: Mainline | | SUBSTRUCTURE | | |
| (6) Feature Int: Olentangy River | | Abut-Rear (532) Matl: Concrete | (531) Type: Semi - Integral | (533) Fnd: Spread Footing (On Soil) |
| (200) CL: 10430 (201)Spec Des: (209) Interstate Mile: | | Abut-Fwd (527) Matl: Concrete | (526) Type: Semi - Integral | (528) Fnd: Spread Footing (On Soil) |
| (29) Avg. Daily Traffic(ADT): 19,806 (30) ADT Year: 2015 | | Pier-Pred (535) Matl: Concrete And Ston | (534) Type: Gravity | (536) Fnd: None (Such As Most Culverts) |
| (235) Truck Traf: 0 (210) Corridor: (104) NHS: structure/route is on nhs | | (663) Stream Velocity: 00000 fps | (113) Scour: Stable For Scour Conditions | |
| (26) Functional Class: urban - other principal (100) Strahnt: Not A Strahnet Route | | (92B) Underwater Inspection: N Freq: 0 | (655) Chan Prot: None | |
| INTERSECTED ROUTE DATA | | (93B) Date of last Underwater Insp: | (657) Drainage Area: Sq Mi | |
| (370A) Record Type: | (370B) Hwy Sys: | CLEARANCE UNDER THE BRIDGE | | |
| (370D) Route No: (370E) Dir: | (370C) Des: | Min. Horiz Under Clear: | (326) NC: Ft | (325) Card: Ft |
| (373) Feature Int: | | (328) Prac Max Vrt Under Clear: Ft | | |
| (382) CL: 0000 (371) Interstate Mile: | (387) Special Desig: | Min Vert Under Clear: | (327) NC: Ft | (54) Card: 0.0 Ft |
| (379) Avg. Daily Traffic(ADT): 0 | (380) ADT Year: 0 | Min Lat Under Clear: | (329) Right NC: Ft | (55) Right Card: 0.0 Ft |
| (381) Truck Traf: 0 (384) Corridor: (378) NHS: - | | | (330) Left NC: Ft | (56) Left Card: 0.0 Ft |
| (375) Functional Class: | (386) Strahnt: | | | |
| CLEARANCE ON THE BRIDGE | | STRUCTURE INFORMATION | | LOAD RATING INFORMATION |
| Min. Horiz on Bridge: (335) NC: Ft | (47) Card: 50.0 Ft | (19) Bypass Length: 3.0 Miles | (31) Design Load: HS 20+MOD | (71) Waterway Adequacy: 8 Equal to present desirable criteria |
| (53) Prac Max Vert On Brg: 99.0 Ft | | (16) Latitude: 40 Deg 17 Min 54.79 Sec (17) Longitude: 83 Deg 03 Min 44.83 Sec | (64) Opr Rat Fact/Ton: 1.720 | (72) Approach Alignment: 8 Equal to present desirable criteria |
| Min Vrt Clr On Brg: (336) NC: 0.0 Ft | (10) Card: 99.0 Ft | (20) Toll: On Free Road | (66) Inv Rat Fact/Ton: 1.320 | (67) Calc Str Appraisal: 8 - Equal to present desirable criteria |
| Min Latl Clr: (338) Right NC: Ft | (337) Right Card: Ft | (263) Date Built: 7/1/1952 (264) Major Reconstruction Date: 6/1/1999 | (734) Ohio Percent of Legal Load: 150 | (68) Calc Deck Geometry: 4 - Meets minimum tolerable limits |
| (340) Left NC: Ft (339) Left Card: Ft | | (28A) No. Lanes On: 4 (28B)No. Lanes Under: 0 | (704) Year of Rating: 2023 (708) Rate Soft: Aashto Brr (Virtis) | (69) Calc Underclearance: N - Not Applicable |
| | | (301) Horiz Curve: (34) Skew: 25 Deg | (63) Opr Rat Method: Load And Resistance Factor Rating (Lrfr) | |
| | | (32) App. Rdw Width: 24 Ft (51) Brg. Rdw Width: 50.4 Ft | (65) Inv Rat Method: Load And Resistance Factor Rating (Lrfr) | |
| | | (52) Deck Width: 64.3 Ft (424) Deck Area: 15561 Sq. Ft | Load Rater: (705) Ed (706) Baznik (707) PE#: 78469 | |
| (406) Median Type: Raised Median | /Non Barrier | /Open | APPROACH INFORMATION | |
| (33) Bridge Median: No Median | | | (401) Approach Guardrail: | (402) Grade: |
| Sidewalks: (50A) Left 6.8 Ft (50B) Right 6.8 Ft | | | (403) Approach Pavement: | |
| Type Curb or Sidewalk: | | | CULVERT INFORMATION | |
| (427) Left Matl: Steel (428) Type: Concrete | | | (575) Culvert Type: Not A Culvert Or Rigid Frame | (578) Length: 0.0 Ft |
| (429) Right Matl: Concrete (430) Type: Steel | | | (580) Depth of Fill: 0.0 Ft | (582) Headwalls: |
| (35) Flared: 0 (408) Composite: Y - Composite | | | GENERAL INFORMATION | |
| | | | (475) Main Member: Rolled Steel | (477) Moment Plate: |
| | | | (414) Expansion Joint: None | |
| | | | (453) Bearing Devices: Elastomeric (Laminated) | |

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| Sufficiency Rating: 077.2 Deficiency Rating: | | OLENTANGY RIVER | | Bridge Status: Active | |
| (407) Railing: Reinforced Concrete Safety Curb And Para (409) Deck Drainage: None (107) Deck Type: Concrete Cast-In-Place Deck Protection: (108B) External: Na (108C) Internal: Epoxy Coated Reinforcing (108A) Wearing Surface: Monolithic Concrete (Concurrently Placed) (423) Thickness: 1.0 in (422) Date of Wearing Surface: 6/1/1999 (547) Slope Protection: Stone (No. 1 Aggregate) | | (38) Navigation: 0 (92C) Spec Insp: N (92A) Fracture Critical Insp: N (474) Main Structure System: Not Applicable (I.E. Culvert, Beam, Slab) (487) Structural Steel Memb: A588 (Weathering Steel) (482) Paint: Unpainted Weathered Steel (483) PCS Date: 5/1/1999 | | (39) Nav Vert Clr: 0.0 Ft Freq: 0 Freq: 0 (468) Hinges: Not Applicable (Structures With No Hinge) (465) Framing: Straight Beams/Girders (426) Bridge Railing Steel: | |
| GENERAL INFORMATION (CONTINUED) | | ORIGINAL PLANS INFORMATION | | | |
| (37) Hist Significance: Not Eligible (112) NBIS: Y (842) Hist/Designer: (827) Hist Build Year: 1952 (828) Hist Type: Continuous (98A) Border Bridge State: (98B) Border Bridge Resp: (99) Border Bridge SFN: | | (250) Fabricator: (249) Contractor: (248) Ohio Original Construction Project No: 002152 (252) Microfilm Reel: DEL005 (251) Standard Drawing: Aperture Cards: (246) Orig: 1 (247) Repair: 2 (245) Fabr: 2 | | | |
| PROPOSED IMPROVEMENTS | | (709) Rating Source: 1 PLAN INFORMATION AVAILABLE FOR LOAD RATI | | | |
| (114) Future ADT (On Bridge): 27491 (115) Year of Future ADT: 2038 | | | | | |
| INSPECTION SUMMARY | | SURVEY ITEMS | | UTILITIES | SPECIAL FEATURES |
| (58) Deck: 8 (59) Superstructure: 8 (60) Substructure: 8 (62) Culvert: N (61) Channel: 8 (C6) Approaches: General Appraisal: 8 (41) Operational Status: A (90) Inspection date: 5/8/2023 (91) Desig Insp Freq: 24 Mos | (36A) Railings: Meets Acceptable Standards (36B) Transitions: Na/Safety Feature Not Required (36C) Guardrail: Meets Acceptable Standards (36D) Guardrail Ends: Meets Acceptable Standards (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: (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: 04 - City Or Municipal Highway Agency 2nd: 3rd: | | | |