

(203) Bridge (Dedicated) Name:		BRIDGE INVENTORY AND APPRAISAL		Report Date: 7/11/2022
Structure File Number: 2102765		Inventory Bridge Number: DEL 00229 01490		
Sufficiency Rating: 086.1    Deficiency Rating:		BRONDIGE RUN		Bridge Status: Active
(2) District: 06	(3) County: 21-DELAWARE	(9) Location: 1.23 Mi E Of Us23	(7) Facility Carried: Sr 229	
(4) FIPS Code: None	Owner:	(208) Route On Bridge: State (Odor) (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	
<b>INVENTORY ROUTE DATA</b>		(45) Main Spans Number: 5	(43) Type: Concrete Continuous	/Slab /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: 3 - State Highway		(307) Total Spans: 5	(48) Max Span: 27.5 Ft	(49) Overall Leng: 128.0 Ft
(5D) Route No: 00229    (5E) Dir: Not Applic    (5C) Des: Mainline		<b>SUBSTRUCTURE</b>		
(6) Feature Int: Brondige Run		Abut-Rear (532) Matl: Concrete	(531) Type: Stub - Capped Pile (Single Row Piles)	(533) Fnd: Steel H Piles (Other Size)
(200) CL: 01490    (201)Spec Des:    (209) Interstate Mile:		Abut-Fwd (527) Matl: Concrete	(526) Type: Stub - Capped Pile (Single Row Piles)	(528) Fnd: Steel H Piles (Other Size)
(29) Avg. Daily Traffic(ADT): 2,674    (30) ADT Year: 2015		Pier-Pred (535) Matl: Concrete	(534) Type: Capped Column	(536) Fnd: Steel H Piles (Other Size)
(235) Truck Traf: 0    (210) Corridor:    (104) NHS: structure/route is not on nhs		(663) Stream Velocity: 00000 fps	(113) Scour: Stable For Scour Conditions	
(26) Functional Class: rural - major collector    (100) Strahnt: Not A Strahnet Route		(92B) Underwater Inspection: N    Freq: 0	(655) Chan Prot: None	
<b>INTERSECTED ROUTE DATA</b>		(93B) Date of last Underwater Insp:	(657) Drainage Area:    Sq Mi	
(370A) Record Type:	(370B) Hwy Sys:	<b>CLEARANCE UNDER THE BRIDGE</b>		
(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:			
<b>CLEARANCE ON THE BRIDGE</b>				
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			
<b>STRUCTURE INFORMATION</b>		<b>LOAD RATING INFORMATION</b>		<b>APPRAISAL</b>
(19) Bypass Length: 13.0 Miles		(31) Design Load: H 20	(71) Waterway Adequacy: 8 Equal to present desirable criteria	
(16) Latitude: 40 Deg 26 Min 03.14 Sec    (17) Longitude: 83 Deg 02 Min 57.10 Sec		(64) Opr Rat Fact/Ton: 1.200	(72) Approach Alignment: 7 Better than present minimum criteria	
(20) Toll: On Free Road		(66) Inv Rat Fact/Ton: 0.700	(67) Calc Str Appraisal: 6 - Equal to present minimum criteria	
(263) Date Built: 7/1/1954	(264) Major Reconstruction Date:	(734) Ohio Percent of Legal Load: 95	(68) Calc Deck Geometry: 5 - Somewhat better than minimum adequ	
(28A) No. Lanes On: 2	(28B)No. Lanes Under: 0	(704) Year of Rating: 2022    (708) Rate Soft: Aashto Brr (Virtis)	(69) Calc Underclearance: N - Not Applicable	
(301) Horiz Curve: 03D50M	(34) Skew: 0 Deg	(63) Opr Rat Method: Load Factor (Lf) Rating Reported By Rati		
(32) App. Rdw Width: 36 Ft	(51) Brg. Rdw Width: 36.5 Ft	(65) Inv Rat Method: Load Factor (Lf) Rating Reported By Rati		
(52) Deck Width: 36.5 Ft	(424) Deck Area: 4672 Sq. Ft	Load Rater: (705) Husam (706) Hussein (707) PE#: 86135		
(406) Median Type: None	/Non Barrier	<b>APPROACH INFORMATION</b>		
(33) Bridge Median: No Median		(401) Approach Guardrail:		
Sidewalks:    (50A) Left 0.0 Ft    (50B) Right 0.0 Ft		(403) Approach Pavement:	(402) Grade:	
Type Curb or Sidewalk:		<b>CULVERT INFORMATION</b>		
(427) Left Matl: None	(428) Type: None	(575) Culvert Type: Not A Culvert Or Rigid Frame	(578) Length: 0.0 Ft	
(429) Right Matl: None	(430) Type: None	(580) Depth of Fill: 0.0 Ft	(582) Headwalls:	
		<b>GENERAL INFORMATION</b>		
(35) Flared: 0	(408) Composite: N - Non-Composite	(475) Main Member: Slab	(477) Moment Plate:	
		(414) Expansion Joint: None		
		(453) Bearing Devices: None		

(203) Bridge (Dedicated) Name:		BRIDGE INVENTORY AND APPRAISAL		Report Date: 7/11/2022
Structure File Number: 2102765		Inventory Bridge Number: DEL 00229 01490		
Sufficiency Rating: 086.1    Deficiency Rating:		BRONDIGE RUN		Bridge Status: Active
(407) Railing: Deep Beam Railing (Dbr) W Tubular Backup		(38) Navigation: 0	(39) Nav Vert Clr: 0.0 Ft	(40) Nav Horiz Clear: 0.0 Ft
(409) Deck Drainage: Over The Side (With Drip Strip)		(92C) Spec Insp: N	Freq: 0	(93C) Special Inspection Date:
(107) Deck Type: Concrete Cast-In-Place		(92A) Fracture Critical Insp: N	Freq: 0	(93A) Fracture Critical Feature Inspection Date:
Deck Protection: (108B) External: Na		(474) Main Structure System: Not Applicable (I.E. Culvert, Beam, Slab		(468) Hinges: Not Applicable (Structures With No Hinge
(108C) Internal: Na		(487) Structural Steel Memb: None - No Structural Steel On Bridge		(465) Framing: None Or Not Applicable
(108A) Wearing Surface: Integral Concrete (Separate Non-Modified		(482) Paint: None Or Not Applicable		(426) Bridge Railing Steel:
(423) Thickness: 1.2 in    (422) Date of Wearing Surface: 9/3/1991		(483) PCS Date:		
(547) Slope Protection: Stone (No. 1 Aggregate)				
GENERAL INFORMATION (CONTINUED)		ORIGINAL PLANS INFORMATION		
(37) Hist Significance: Not Eligible		(250) Fabricator:		
(112) NBIS: Y		(249) Contractor:		
(842) Hist/Designer:		(248) Ohio Original Construction Project No: 041753		
(827) Hist Build Year: 1954		(252) Microfilm Reel:		
(828) Hist Type: Continuous		(251) Standard Drawing:		
(98A) Border Bridge State:		Aperture Cards:		
(98B) Border Bridge Resp:		(246) Orig: 2		
(99) Border Bridge SFN:		(247) Repair: 2		
		(245) Fabr: 1		
PROPOSED IMPROVEMENTS		(709) Rating Source: 1 PLAN INFORMATION AVAILABLE FOR LOAD RATI		
(114) Future ADT (On Bridge): 3712    (115) Year of Future ADT: 2035				
INSPECTION SUMMARY		SURVEY ITEMS		UTILITIES
(58) Deck: 7	(36A) Railings: Meets Acceptable Standards	(265) Electric Line: U	(283) Lighting:	
(59) Superstructure: 7	(36B) Transitions: Meets Acceptable Standards	(266) Gas Line: U	(431) Fence: N	
(60) Substructure: 6	(36C) Guardrail: Meets Acceptable Standards	(269) Sanitary Sewer: U	(433) Glare-Screen: N	
(62) Culvert: N	(36D) Guardrail Ends: Meets Acceptable Standards	(267) Telephone Line:	(436) Splash-Guard:	
(61) Channel: 6	(219) Temporary Barrier:	(268) TV Cable:	(459) Catwalks: N	
(C6) Approaches:	(223) Temporary Shoring:	(270) Water Line:	(271) Other-Feat:	
General Appraisal: 6	(224) Temporary Sub Decking: N	(271) Other Utilities:	(279) Signs-On:	
(41) Operational Status: A			(281) Signs-Under	
(90) Inspection date: 6/22/2021			(432) Fence-Ht on Bridge 0.0 FT	
(91) Desig Insp Freq: 12 Mos			(434) Noise Barrier Walls	
(253) SFNs Replacing this retired bridge:		Insp 1st: 01 - State Highway Agency		
(255) SFNs That were replaced by this bridge:		2nd:		
		3rd:		
		(21) Major Maint 1st: 01 - State Highway Agency		
		2nd:		
		3rd:		
		(225) Routine Maint 1st: 01 - State Highway Agency		
		2nd:		
		3rd:		