

(203) Bridge (Dedicated) Name:		BRIDGE INVENTORY AND APPRAISAL		Report Date: 10/15/2024
Structure File Number: 3601749		Inventory Bridge Number: HIG 00073 21110		
Sufficiency Rating: 067.6 Deficiency Rating: SD		OHIO BRUSH CREEK		Bridge Status: Active
(2) District: 09		(3) County: 36-HIGHLAND	(9) Location: .35 Mi E Of Sr 785	(7) Facility Carried: Ohio Brush Creek
(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		(45) Main Spans Number: 3	(43) Type: Concrete Continuous	/Slab /Not Applicable
(5B) Hwy Sys: 3 - State Highway		(46) Approach Spans Nbr: 0	(44) Type: Other	/Other /Not Applicable
(5D) Route No: 00073 (5E) Dir: Not Applic (5C) Des: Mainline		(307) Total Spans: 3	(48) Max Span: 50.0 Ft	(49) Overall Leng: 138.0 Ft
(6) Feature Int: Ohio Brush Creek		SUBSTRUCTURE		
(200) CL: 21110 (201)Spec Des: (209) Interstate Mile:		Abut-Rear (532) Matl: Concrete	(531) Type: Pedestal	(533) Fnd: Spread Footing (On Soil)
(29) Avg. Daily Traffic(ADT): 1,424 (30) ADT Year: 2015		Abut-Fwd (527) Matl: Concrete	(526) Type: Gravity	(528) Fnd: Spread Footing (On Soil)
(235) Truck Traf: 0 (210) Corridor: (104) NHS: structure/route is not on nhs		Pier-Pred (535) Matl: Concrete	(534) Type: Cantilever (Tee) Solid Pa	(536) Fnd: Spread Footing (On Soil)
(26) Functional Class: rural - major collector (100) Strahnt: Not A Strahnet Route		(663) Stream Velocity: 00000 fps	(113) Scour: Stable For Scour Conditions	
INTERSECTED ROUTE DATA		(92B) Underwater Inspection: N Freq: 0	(655) Chan Prot: Rip Rap (Dumped Rock Or Rock Channel Pro	
(370A) Record Type: (370B) Hwy Sys:		(93B) Date of last Underwater Insp:	(657) Drainage Area: Sq Mi	
(370D) Route No: (370E) Dir: (370C) Des:		CLEARANCE UNDER THE BRIDGE		
(373) Feature Int:		Min. Horiz Under Clear: (326) NC: Ft (325) Card: Ft		
(382) CL: 0000 (371) Interstate Mile: (387) Special Desig:		(328) Prac Max Vrt Under Clear: Ft		
(379) Avg. Daily Traffic(ADT): 0 (380) ADT Year: 0		Min Vert Under Clear: (327) NC: Ft (54) Card: 0.0 Ft		
(381) Truck Traf: 0 (384) Corridor: (378) NHS: -		Min Lat Under Clear: (329) Right NC: Ft (55) Right Card: 0.0 Ft		
(375) Functional Class: (386) Strahnt:		(330) Left NC: Ft (56) Left Card: 0.0 Ft		
CLEARANCE ON THE BRIDGE				
Min. Hrizz on Bridge: (335) NC: Ft (47) Card: 32.0 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				
STRUCTURE INFORMATION		LOAD RATING INFORMATION		APPRAISAL
(19) Bypass Length: 8.0 Miles		(31) Design Load: H 15	(71) Waterway Adequacy: 8 Equal to present desirable criteria	
(16) Latitude: 39 Deg 03 Min 32.91 Sec (17) Longitude: 83 Deg 31 Min 45.44 Sec		(64) Opr Rat Fact/Ton: 1.300	(72) Approach Alignment: 6 Equal to present minimum criteria	
(20) Toll: On Free Road		(66) Inv Rat Fact/Ton: 1.000	(67) Calc Str Appraisal: 4 - Meets minimum tolerable limits	
(263) Date Built: 7/1/1955 (264) Major Reconstruction Date:		(734) Ohio Percent of Legal Load: 150	(68) Calc Deck Geometry: 5 - Somewhat better than minimum adequ	
(28A) No. Lanes On: 2 (28B)No. Lanes Under: 0		(704) Year of Rating: 1984 (708) Rate Soft: Bars	(69) Calc Underclearance: N - Not Applicable	
(301) Horiz Curve: (34) Skew: 0 Deg		(63) Opr Rat Method: Allowable Stress (As) Rating Reported By		
(32) App. Rdw Width: 30 Ft (51) Brg. Rdw Width: 32.0 Ft		(65) Inv Rat Method: Allowable Stress (As) Rating Reported By		
(52) Deck Width: 32.0 Ft (424) Deck Area: 4416 Sq. Ft		Load Rater: (705) (706) (707) PE#: 0		
(406) Median Type: None /Non Barrier /No Joint		APPROACH INFORMATION		
(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:		CULVERT INFORMATION		
(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:		
(35) Flared: 0 (408) Composite: N - Non-Composite		GENERAL INFORMATION		
		(475) Main Member: Slab (477) Moment Plate:		
		(414) Expansion Joint: Polymer Modified Expansion Device		
		(453) Bearing Devices: None		

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(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: 12	(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: Bituminous		(482) Paint: None Or Not Applicable		(426) Bridge Railing Steel:
(423) Thickness: 3.1 in (422) Date of Wearing Surface: 8/1/2016		(483) PCS Date:		
(547) Slope Protection: None				
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: 049454		
(827) Hist Build Year: 1955		(252) Microfilm Reel: HIG004		
(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		
PROPOSED IMPROVEMENTS		(245) Fabr: 2		
(114) Future ADT (On Bridge): 1977 (115) Year of Future ADT: 2035		(709) Rating Source: 1 PLAN INFORMATION AVAILABLE FOR LOAD RATI		
INSPECTION SUMMARY		SURVEY ITEMS		UTILITIES
(58) Deck: 4	(36A) Railings: Meets Acceptable Standards	(265) Electric Line: N	(283) Lighting:	
(59) Superstructure: 4	(36B) Transitions: Meets Acceptable Standards	(266) Gas Line: N	(431) Fence: N	
(60) Substructure: 5	(36C) Guardrail: Meets Acceptable Standards	(269) Sanitary Sewer: N	(433) Glare-Screen: N	
(62) Culvert: N	(36D) Guardrail Ends: Meets Acceptable Standards	(267) Telephone Line:	(436) Splash-Guard:	
(61) Channel: 7	(219) Temporary Barrier:	(268) TV Cable:	(459) Catwalks: N	
(C6) Approaches:	(223) Temporary Shoring:	(270) Water Line:	(271) Other-Feat:	
General Appraisal: 4	(224) Temporary Sub Decking: N	(271) Other Utilities:	(279) Signs-On:	
(41) Operational Status: A			(281) Signs-Under	
(90) Inspection date: 5/5/2024			(432) Fence-Ht on Bridge 0.0 FT	
(91) Desig Insp Freq: 12 Mos			(434) Noise Barrier Walls	
(253) SFNs Replacing this retired bridge: 3601750		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:		