

(203) Bridge (Dedicated) Name:		BRIDGE INVENTORY AND APPRAISAL		Report Date: 2/12/2024
Structure File Number: 7326041		Inventory Bridge Number: SCI 001SF 02750		
Sufficiency Rating: 070.0 Deficiency Rating: SD		BRANCH POND RUN		Bridge Status: Active
(2) District: 09		(3) County: 73-SCIOTO	(9) Location: Shawnee State Forest	(7) Facility Carried: Rd#001
(4) FIPS Code: None		Owner:	(208) Route On Bridge: Odnr	(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: 1	(43) Type: Wood Or Timber	/Slab /Not Applicable
(5B) Hwy Sys: 7 - State Lands Road		(46) Approach Spans Nbr: 0	(44) Type: Other	/Other /Not Applicable
(5D) Route No: 001SF (5E) Dir: Not Applic (5C) Des: None		(307) Total Spans: 1	(48) Max Span: 20.0 Ft	(49) Overall Leng: 21.0 Ft
(6) Feature Int: Branch Pond Run		SUBSTRUCTURE		
(200) CL: 02750 (201)Spec Des: (209) Interstate Mile:		Abut-Rear (532) Matl: Concrete And Stone	(531) Type: Gravity	(533) Fnd: Spread Footing (On Soil)
(29) Avg. Daily Traffic(ADT): 100 (30) ADT Year: 1990		Abut-Fwd (527) Matl: Concrete And Stone	(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: None	(534) Type: None	(536) Fnd: None (Such As Most Culverts)
(26) Functional Class: rural - local (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: Stone	
(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. Hriz on Bridge: (335) NC: Ft (47) Card: 18.8 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: 1.0 Miles		(31) Design Load: HS 20		(71) Waterway Adequacy: 8 Equal to present desirable criteria
(16) Latitude: 38 Deg 40 Min 17.44 Sec (17) Longitude: 83 Deg 12 Min 07.72 Sec		(64) Opr Rat Fact/Ton: 2.100		(72) Approach Alignment: 6 Equal to present minimum criteria
(20) Toll: On Free Road		(66) Inv Rat Fact/Ton: 1.500		(67) Calc Str Appraisal: 4 - Meets minimum tolerable limits
(263) Date Built: 7/1/1979 (264) Major Reconstruction Date: 1/1/1992		(734) Ohio Percent of Legal Load: 150		(68) Calc Deck Geometry: 4 - Meets minimum tolerable limits
(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:		(34) Skew: 12 Deg		
(32) App. Rdw Width: 18 Ft (51) Brg. Rdw Width: 18.8 Ft		(63) Opr Rat Method: Allowable Stress (As) Rating Reported By		
(52) Deck Width: 20.0 Ft (424) Deck Area: 420 Sq. Ft		(65) Inv Rat Method: Allowable Stress (As) Rating Reported By		
(406) Median Type: None /Non Barrier /No Joint		Load Rater: (705) Joel (706) Magalski (707) PE#: 85232		
(33) Bridge Median: No Median		APPROACH INFORMATION		
Sidewalks: (50A) Left 0.8 Ft (50B) Right 0.8 Ft		(401) Approach Guardrail:		(402) Grade:
Type Curb or Sidewalk:				
(427) Left Matl: Timber (428) Type: 3 -Timber		CULVERT INFORMATION		
(429) Right Matl: Timber (430) Type: 3 -Timber		(575) Culvert Type: Not A Culvert Or Rigid Frame		(578) Length: 0.0 Ft
(35) Flared: 0 (408) Composite: N - Non-Composite		(580) Depth of Fill: 0.0 Ft		(582) Headwalls:
		GENERAL INFORMATION		
		(475) Main Member: Timber		(477) Moment Plate:
		(414) Expansion Joint: None		
		(453) Bearing Devices: None		

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Sufficiency Rating: 070.0 Deficiency Rating: SD		BRANCH POND RUN		Bridge Status: Active	
(407) Railing: Timber		(38) Navigation: 0		(39) Nav Vert Clr: 0.0 Ft	
(409) Deck Drainage: Opening Through Curbs Or Wheel Guards		(92C) Spec Insp: N		(40) Nav Horiz Clear: 0.0 Ft	
(107) Deck Type: Wood Or Timber		(92A) Fracture Critical Insp: N		(93C) Special Inspection Date:	
Deck Protection: (108B) External: Na		(474) Main Structure System: Not Applicable (I.E. Culvert, Beam, Slab		(93A) Fracture Critical Feature Inspection Date:	
(108C) Internal: Na		(487) Structural Steel Memb: None - No Structural Steel On Bridge		(468) Hinges: Not Applicable (Structures With No Hinge	
(108A) Wearing Surface: Bituminous		(482) Paint: None Or Not Applicable		(465) Framing: None Or Not Applicable	
(423) Thickness: 2.0 in (422) Date of Wearing Surface: 1/1/1994		(483) PCS Date:		(426) Bridge Railing Steel:	
(547) Slope Protection: None					
GENERAL INFORMATION (CONTINUED)		ORIGINAL PLANS INFORMATION			
(37) Hist Significance: Not Eligible		(250) Fabricator:			
(112) NBIS: N		(249) Contractor:			
(842) Hist/Designer:		(248) Ohio Original Construction Project No:			
(827) Hist Build Year:		(252) Microfilm Reel:			
(828) Hist Type: None N/A		(251) Standard Drawing:			
(98A) Border Bridge State:		Aperture Cards:			
(98B) Border Bridge Resp:		(246) Orig: 2			
(99) Border Bridge SFN:		(247) Repair: 1			
PROPOSED IMPROVEMENTS		(245) Fabr: 2			
(114) Future ADT (On Bridge): 139 (115) Year of Future ADT: 2010		(709) Rating Source: 1 PLAN INFORMATION AVAILABLE FOR LOAD RATI			
INSPECTION SUMMARY		SURVEY ITEMS		UTILITIES	
(58) Deck: 7	(36A) Railings: Does Not Meet Acceptable Standards/Safet	(265) Electric Line:	N	(283) Lighting:	
(59) Superstructure: 7	(36B) Transitions: Does Not Meet Acceptable Standards/Safet	(266) Gas Line:	N	(431) Fence:	N
(60) Substructure: 4	(36C) Guardrail: Na/Safety Feature Not Required	(269) Sanitary Sewer:	N	(433) Glare-Screen:	N
(62) Culvert: N	(36D) Guardrail Ends: Na/Safety Feature Not Required	(267) Telephone Line:		(436) Splash-Guard:	
(61) Channel: 8	(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: 1/3/2024				(432) Fence-Ht on Bridge	0.0 FT
(91) Desig Insp Freq: 12 Mos				(434) Noise Barrier Walls	
(253) SFNs Replacing this retired bridge:					
(255) SFNs That were replaced by this bridge:					