

ROUTE CARRIED BY STRUCTURE S FORK GREAT MIAMI RIVER

District: 07	County: LOGAN	(101) Location: 2.1M. N. JCT. SR-273	(102) Facility Carried:
(2) FIPS Code: RICHLAND TWP		(103) Route On Bridge: STATE (ODOT)	(104) Route Under Bridge: NON-HIGHWAY
(9) Direction of Traffic: 2-WAY TRAFFIC	(10) Temporary: N	(11) Truck Network: N	(12) Parallel: N
		(100) Type Serv: (On): HIGHWAY	(Under): WATERWAY

Inventory Route Data

(3) Route On/Under: ROUTE CARRIED BY STRUCTURE	Hwy Sys: STATE HIGHWAY	(63) Main Spans Number: 3	Type: STEEL/BEAM/CONTINUOUS
Route No: 00117	Dir:	Approach Spans Number: 0	Type: NONE/NONE/NONE
Des: MAINLINE	Pref:	Total Spans: 3	(65) Max Span: 65 Ft
(4) Feature Intersected: S FORK GREAT MIAMI RIVER		(66) Overall Leng: 176 Ft	
(5) County: LOG	Mileage: 0364	(70) Substructure	(71) Foundation and Scour Information
(6) Avg. Daily Traffic(ADT): 4,400	Special Desig:	Abut-Rear	Matl: CONCRETE
(7) ADT Year: 2011		Type: PEDESTAL	Fnd: SPREAD FOOTING
(8) Truck Traf: 230	(14) NHS: NON-NHS BRG E	Abut-Fwd	Matl: CONCRETE
(15) Corridor: N		Type: PEDESTAL	Fnd: SPREAD FOOTING
(16) Functional Class: MAJOR COLLECTOR-RURAL	(19) Strahnt: Not Applicable (Not a Strahnet Brid	Pier-Pred	Matl: CONCRETE
		Type: CAPPED COLUMN	Fnd: SPREAD FOOTING
		Pier-Other	Matl: NONE
		Type: NONE	Fnd: UNKNOWN (OR OLDER BRIDGE BEING ADDED)
		Pier-Other	Matl: NONE
		Type: NONE	Fnd: UNKNOWN (OR OLDER BRIDGE BEING ADDED)

Intersected Route Data

(22) Route On/Under:	Hwy Sys:	No of Piers Predominate: 02	Other: NN	Other: NN
Route No:	Dir:	Des:	Pref:	
(23) Feature Intersected:		(86) Stream Velocity: 007.5	(74) Scour: STABLE: EVAL SCOUR ABOVE TOP OF FOOTING	
(24) County:	Mileage:	(189) Dive: N Freq: 0	Probe: Y Freq: 12	(75) Chan Prot: RIP RAP (DUMPED ROCK OR ROCK)
(25) Avg. Daily Traffic(ADT):	Special Desig:	(189) Date of last Dive Insp:	(152) Drainage Area: UUU Sq Mi	
(26) ADT Year:				
(27) Truck Traf:	(28) NHS: -			
(29) Corridor: N				
(30) Functional Class:	(36) Strahnt:			

Clearance On the Bridge

(154) Min. Horiz on Bridge:	NC: 0.0	Card: 40.0 Ft
(155) Prac Max Vert On Brq:	9999.9 Ft	
(67) Min Vrt Clr On Brq:	NC: 0.0	Card: 9999.9 Ft
(80) Min Latl Clr:	NC: 0.0/0.0 Ft	Card: 0.0/0.0 Ft
(81) Vrt Clr Lft:	0.0 Ft	

Structure Information

(38) Bypass Length: 09 Miles			
(39) Latitude: 40 Deg 28 Min 43.43 Sec	Longitude: 83 Deg 48 Min 42.71 Sec		
(40) Toll: ON FREE ROAD			
(41) Date Built: 7/1/1954	(42) Major Rehabilitation: 1/1/1993		
(43) No. Lanes On: 2	No. Lanes Under: 0		
(44) Horiz Curve:	(45) Skew: 45 Deg		
(49) App. Rdw Width: 32 Ft	(50) Brq. Rdw Width: 40.0 Ft		
(51) Deck Width: 40.0 Ft	Deck Area: 7040 Sq. Ft		
(52) Median Type: NONE/NON BARRIER/NO JOINT			
(53) Bridge Median: NO MEDIAN			
(54) Sidewalks:	(left) 0.0 Ft	(right) 0.0 Ft	
(55) Type Curb or Sidewalks:			
(Left) Matl: NONE	Type: NONE		
(Right) Matl: NONE	Type: NONE		
(56) Flared: N	(57) Composite: Y - COMPOSITE		
(58) Railing: STL GUARDRL ON STL, CONCR, OR TMBR POSTS			
(59) Deck Drainage: OVER THE SIDE (W/O DRIP STRIP)			
(60) Deck Type: REINF CONCRT (PRESTRSD, PRECAST			
(61) Deck Protection: External: NONE			
Internal: EPOXY COATED REINFORCING (BOTH			
(62) Wearing Surface: CONCRETE (SEPARATE) OVERLAY			
Thickness: 1.2 in	(119) Date of Wearing Surface: 1/1/1993		
Slope Protection: RIP RAP (DUMPED ROCK)			

Clearance Under the Bridge

(156) Min. Horiz Under Clear:	NC: 0.0 Ft	Card: 0.0 Ft
(157) Prac Max Vrt Under Clear:	0.0 Ft	
(77) Min Vert Under Clear:	NC: 0.0 Ft	Card: 0.0 Ft
(78) Min Lat Under Clear:	NC: 0.0/0.0 Ft	Card: 0.0/0.0 Ft

Load Rating Information

(88-89) Appraisal

(48) Design Load: HS/20-44 & ALTERNATE MILITARY LOADING	(Including calculated Items)
Opr Rat Fact: 1.250 LD: HS20 LOADING	
Inv Rat Fact: 1.000 LD: HS20 LOADING	
(83) Ohio Percent of Legal Load: 150	(88) Waterway Adequacy: 8
Year of Rating: 1993	(89) Approach Alignment: 8
(84) Analysis: LOAD FACTOR (LF)	Calc Gen Appraisal: 7
(85) Rate Soft: BARS	Calc Deck Geometry: 6
Analysis on Bars: LOAD FACTOR ANALYSIS	Calc Underclearance: N
PE#: 0	

Approach Information

(109) Approach Guardrail: STEEL BEAM	
(110) Approach Pavement: BITUMINOUS	(111) Grade: FAIR

Culvert Information

(131) Culvert Type: NONE/NOT APPLICBLE	(127) Length: 0.0 Ft
(129) Depth of Fill: 0.0 Ft	(130) Headwalls: NONE

General Information

(121) Main Member: ROLLED STEEL	(122) Moment Plate: NONE
(169) Expansion Joint: ELASTOMERIC STRIP SEAL	
(124) Bearing Devices: ELASTOMERIC (LAMIN.)	
(126) Navigation: Control-N	Vert Clr: 0.0 Ft
(193) Spec Insp: N	Freq: 0
(188) Fracture Critical Insp: N	Freq: 0
(138) Long Member: NOT APPLICABLE	(135) Hinges: NOT APPLICABLE
(141) Structural Steel Memb: A588 (WEATHERING STEEL)	(139) Framing: STRAIGHT
	Railing: N
Pay Wt: 125665 pounds	Prime Loc: NONE
Bridge Dedicated Name:	Paint: UNPAINTED WEATHERED STEEL

Unit of Measure: **English**
 Structure File Number: 4601866
 Sufficiency Rating: 097.1

Bridge Inventory Information
 Inventory Bridge Number: LOG 00117 0364
ROUTE CARRIED BY STRUCTURE S FORK GREAT MIAMI RIVER

Report Date: 10-03-2014 BM-191 Page: 2 of 2
BR. Type: STEEL/BEAM/CONTINUOUS
 Date of Last Inventory Update: 5/2/2012

General Information (Continued)				Original Plans Information							
(---) Hist Significance: NOT HISTORIC		(69) NBIS: Y		(142) Fabricator:							
(---) Hist Builder: OHIO STATE HIGHWAY DEPARTMENT		Hist Build Year: 1954		(143) Contractor:							
(69) Hist Type: CONTINUOUS				(144) Ohio Original Construction Project No: 030253							
(161) Special Features (see below):				(---) Microfilm Reel:							
(105) Border Bridge State: Resp: %(106) SFN:				(151) Standard Drawing:							
Proposed Improvements		Programming Info		Aperture Cards: Orig: N Repair: N Fabr: N							
(90) Type Work: -		PID Number: 4539		Plan Information Available: 1 PLAN INFORMATION AVAILABLE							
(90) Length: Ft		PID Status: PROGRAM		(153) Repair Projects:							
(90) Bridge Cost (\$1000s):		PID Date: 9/25/1992		1) / 020		2) 810479 / 061		3) 920804 / 004			
(90) Roadway Cost (\$1000s):				4) / MMM		5) 930521 / 041		6) / 044			
(90) Total Project Cost (\$1000s):		(90) Year:		7) /							
(91) Future ADT (On Bridge): 9494		(92) Year of Future ADT: 2033									
Inspection Summary			(I-69) Survey Items			Utilities			Special Features		
(I-8) Deck:	7	Railings:	MEETS CURRENT STANDARDS	(46) Electric:	N	(161) Lighting:	N				
(I-32) Superstructure:	8	Transitions:	MEETS CURRENT STANDARDS	Gas:	N	Fencing:	N				
(I-42) Substructure:	7	Guardrail:	MEETS CURRENT STANDARDS	Sanitary Sewer:	N	Glare-Screen:	N				
(I-50) Culvert:		Rail Ends:	MEETS CURRENT STANDARDS	Telephone:	N	Splash-Guard:	N				
(I-54) Channel:	4	In Depth:	NONE N/A	TV Cable:	N	Catwalks:	N				
(I-60) Approaches:	6	Fracture Critical:	NONE N/A	Water:	N	Other-Feat:	N				
(I-66) General Appraisal:	7	Scour Critical:	NONE N/A	Other:	N	(184) Signs-On:	N				
(I-66) Operational Status:	A	Critical Findings:	NONE N/A			Signs-Under:	N				
Inspection Date:	3/18/2013	Insp. Update Date:	5/17/2013			(162) Fence-Ht:	0.0				
(94) Desig Insp Freq	12 Months					(163) Noise Barr	N				
SFNs Replacing this retired bridge:			-	INV Field Bridge Marker:			LOG - 00117 - 0364 -				
SFNs That were replaced by this bridge:			-	INT Field Bridge Marker:			- - -				
This bridge was retired and copied to:											
The bridge was copied from:											
(95) Insp: OHIO TRAN DEPT		2nd: NONE	3rd: NONE								
(96) Maint: OHIO TRAN DEPT		2nd: NONE	3rd: NONE								
(97) Routine: OHIO TRAN DEPT		2nd: NONE	3rd: NONE								

PONTIS CoRe elements and Conditions States

Elem No.	CoRe Element Description	Total Quantity	Unit Meas.	Condition State Percents(*)				
				1	2	3	4	5
26	CONCRETE DECK - PROTECTED W/COATED BARS	1		0	0	0	0	0
215	REINFORCED CONC ABUTMENT	113		0	0	0	0	0
234	REINFORCED CONC CAP	113		0	0	0	0	0
300	STRIP SEAL EXPANSION JOINT	113		0	0	0	0	0
321	REINFORCED CONCRETE APPROACH SLAB	2		0	0	0	0	0
330	METAL BRIDGE RAILING	350		0	0	0	0	0

(*) Percentages should add to 100%