Unit of Measure: English **Bridge Inventory Information**

BR. Type: PRESTRESSED CONCRETE/BOX BEAM/SIMPLE SPAN Structure File Number: 4601858 Inventory Bridge Number: LOG 00117 0126 Date of Last Inventory Update: 5/2/2012

Sufficiency Rating: 085.7 **ROUTE CARRIED BY STRUCTURE N FORK GREAT MIAMI RIVER**

Pref:

District: 07 County: LOGAN (101) Location: .28M N.OF SR 273 (102) Facility Carried: SR 117 (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

Inventory Route Data (63) Main Spans Number: 1 (3) Route On/Under: ROUTE CARRIED BY STRUCTU Hwy Sys: STATE HIGHWAY Approach Spans Number: 0 Type: NONE/NONE/NONE Route No: 00117 Des: MAINLINE Pref P Dir:

(4) Feature Intersected: N FORK GREAT MIAMI RIVER

(5) County: LOG Mileage: 0126 Special Desig: (6)Avg. Daily Traffic(ADT): 4,111 (7) ADT Year: 2011 (8) Truck Traf: 213 (14) NHS: NON-NHS BRG E (15) Corridor: N

(16) Functional Class: MAJOR COLLECTOR-RURAL (19) Strahnt: Not Applicable (Not a Strahnet Brid

Des:

Intersected Route Data

(22) Route On/Under: Hwy Sys:

(23) Feature Intersected:

Route No:

(24) County: Mileage: Special Desig: (25)Avg. Daily Traffic(ADT): (26) ADT Year: (27) Truck Traf: (28) NHS: -(29) Corridor: N

(30) Functional Class: (36) Strahnt:

Clearance On the Bridge

(154) Min. Hriz on Bridge: NC: 0.0 Card: 44.0 Ft

(155) Prac Max Vert On Brg: 9999.9 Ft

Dir:

(67) Min Vrt Clr On Brg: NC: 0.0 Card: 9999.9 Ft (80) Min Latl CIr: NC: 0.0/0.0 Ft Card: 10.0/10.0 Ft

(81) Vrt Clr Lft: 0.0 Ft

Structure Information

(39) Latitude: 40 Deg 30 Min 41.31 Sec Longitude: 83 Deg 49 Min 25.12 Sec

(40) Toll: ON FREE ROAD

(38) Bypass Length: 20 Miles

(41) Date Built: 7/1/1988 (42) Major Rehabilitation:

(43) No. Lanes On: 2 No. Lanes Under: 0 (44) Horiz Curve: (45) Skew: 15 Deg

(49) App. Rdw Width: 44 Ft (50) Brg. Rdw Width: 44.0 Ft

(51) Deck Width: 44.0 Ft Deck Area: 3563 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: N - NON_COMPOSITE

(58) Railing: STL GUARDRL ON STL, CONCR, OR TMBR POSTS

(59) Deck Drainage: OVER THE SIDE (WITH DRIP STRIP)

(60) Deck Type: REINF CONCRT (PRESTRSD, PRECAST

(61) Deck Protection: External: PREFORMED FABRIC-TYPE III WATERPROOFING

Internal: NONE

(62) Wearing Surface: BITUM (ASPHLT CONCRT)

Thickness: 4.5 in (119) Date of Wearing Surface: 10/1/2007

Slope Protection: RIP RAP (DUMPED ROCK)

Type: PRESTRESSED CONCRETE/BOX BEAM/SIMPLE

(Under): WATERWAY

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(88-89) Appraisal

(88) Waterway Adequacy: 8

(89) Approach Alignment: 8

Calc Gen Appraisal: 6

Calc Deck Geometry: 7

Calc Underclearance: N

Total Spans: 1 (65) Max Span: 77 Ft (66) Overall Leng: 81 Ft

(70) Substructure (71) Foundation and Scour Information

(100) Type Serv: (On): HIGHWAY

Abut-Rear Matl: CONCRETE Type: STUB-CAPPED PILE (SINGLE RO Fnd: CIP REINF CONCRETE PILES (12" DIAMETER) Abut-Fwd Matl: CONCRETE Type: STUB-CAPPED PILE (SINGLE RO Fnd: CIP REINF CONCRETE PILES (12" DIAMETER)

Pier-Pred Matl: NONE Type: NONE Fnd: UNKNOWN (OR OLDER BRIDGE BEING ADDED) Pier-Other Matl: NONE Type: NONE Fnd: UNKNOWN (OR OLDER BRIDGE BEING ADDED)

Fnd: UNKNOWN (OR OLDER BRIDGE BEING ADDED) Pier-Other Matl: NONE Type: NONE

No of Piers Predominate: NN Other: NN Other: NN

(86) Stream Velocity: 006.9 (74) Scour: STABLE: EVAL SCOUR ABOVE TOP OF FOOTING (189) Dive: N Freq: 0 Probe: Y Freq: 12 (75) Chan Prot: STONE

(189) Date of last Dive Insp: (152) Drainage Area: 020 Sq Mi

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: Card: 0.0 Ft NC: 0.0 Ft (78) Min Lat Under Clear: Card: 0.0/0.0 Ft

NC: 0.0/0.0 Ft Load Rating Information

(48) Design Load: HS/20-44 & ALTERNATE MILITARY LOADING (Including calculated Items)

Opr Rat Fact: 1.030 LD: HS20 LOADING

Inv Rat Fact: 0.750 LD: HS20 LOADING

(83) Ohio Percent of Legal Load: 150

Year of Rating: 1994

(84) Analysis: LOAD FACTOR (LF) (85) Rate Soft: BARS

Analysis on Bars: LOAD FACTOR ANALYSIS

PE#: 0

Approach Information

(109) Approach Guardrail: STEEL BEAM

(110) Approach Pavement: CONCRETE (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: PRESTRESSED CONCRETE BOX BEAM (122) Moment Plate: NONE

(169) Expansion Joint: POLYMER MFD EXP DEV

(124) Bearing Devices: ELASTOMERIC (PLAIN)

(126) Navigation: Control-N Vert Clr: 0.0 Ft Horiz Clear: 0.0 Ft

(193) Spec Insp: N Freq: 0 Date: (188) Fracture Critical Insp: N Freq: 0 Date:

(138) Long Member: NOT APPLICABLE (135) Hinges: NOT APPLICABLE

(141) Structural Steel Memb: NONE (139) Framing: NONE

Railing: N

Prime Loc: NONE Paint: NONE Pay Wt: 0 pounds

Bridge Dedicated Name:

Unit of Measure: English Structure File Number: 4601858

Bridge Inventory Information Inventory Bridge Number: LOG 00117 0126

Report Date: 10-03-2014 BM-191 Page: 2 of 2 BR. Type: PRESTRESSED CONCRETE/BOX BEAM/SIMPLE SPAN

ROUTE CARRIED BY STRUCTURE N FORK GREAT MIAMI RIVER

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:	Hist Build Year:		(143) Contractor: FRANTZ BROS				
(69) Hist Type:			(144) Ohio Original Construction Project No: 045388				
(161) Special Features (see below):			() Microfilm Reel:				
(105) Border Bridge State: Resp: %(106) SFN:			(151) Standard Drawing: PSBD-1-81				
Proposed Improvements Programming		Programming Info	Aperture Cards: Orig: Y Repair: N Fabr: Y				
(90) Type Work: -		PID Number:	Plan Information Available: 1 PLAN INFORMATION AVAILABLE				
		PID Status:	(153) Repair Projects:				
(90) Length: Ft		PID Date:	1) 930521 / 041 2) / 044				
(90) Bridge Cost (\$1000s):							
(90) Roadway Cost (\$1000s):							

(91) Future ADT (On Bridge): 8846 (92) Year of Future ADT: 2033										
Inspection Summary		(I-69) Survey Items			Utilities			Special Features		
(I-8) Deck:	8	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:	8	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:	8	In Depth:	NONE N/A		TV Cable:	N		Catwalks:	N	
(I-60) Approaches:	8	Fracture Critical:	NONE N/A		Water:	N		Other-Feat:	N	
(I-66) General Appraisal:	8	Scour Critical	NONE N/A		Other:	N	(184)	Signs-On:	N	
(I-66) Operational Status:	Α	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 b	ridge:	-								
SFNs That were replaced by t	this bridge:	-								
his bridge was retired and copied to:		INV F	INV Field Bridge Marker:		LOG -	LOG - 00117 - 0126 -				
The bridge was copied from:				INT F	Field Bridge Marker:					
(95) Insp: OHIO TRAN DEPT 2nd: NONE		2nd: NONE	3rd: NONE						•	
(96) Maint: OHIO TRAN DEPT		2nd: NONE	3rd: NONE							

PONTIS CoRe elements and Conditions States

(97) Routine: OHIO TRAN DEPT

Sufficiency Rating: 085.7

(90) Total Project Cost (\$1000s):

Elem No.	CoRe Element Description	Total Quantity	Unit Meas.	Condition State Percents(*)				
				1	2	3	4	5
14	CONCRETE DECK - PROTECTED W/AC OVERLAY	1		0	0	0	0	0
215	REINFORCED CONC ABUTMENT	91		0	0	0	0	0
321	REINFORCED CONCRETE APPROACH SLAB	2		0	0	0	0	0
330	METAL BRIDGE RAILING	162		0	0	0	0	0
(*) Percentages should add to 1009								to 100%

3rd: NONE 3rd: NONE

2nd: NONE

(90) Year: