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

Pref:

Inventory Bridge Number: LOG 00117 0671

**BR. Type: STEEL/BEAM/CONTINUOUS** Structure File Number: 4601890 Sufficiency Rating: 073.1 **ROUTE CARRIED BY STRUCTURE USR 33** Date of Last Inventory Update: 5/2/2012

District: 07 County: LOGAN (101) Location: OVER USR 33 (102) Facility Carried: SR 117 (2) FIPS Code: MCARTHUR TWP (103) Route On Bridge: STATE (ODOT) (104) Route Under Bridge: STATE (ODOT)

(9) Direction of Traffic: 2-WAY TRAFFIC (10) Temporary: N (11) Truck Network: N (12) Parallel: N

(100) Type Serv: (On): HIGHWAY (Under): HIGHWAY, WITH OR WITHOUT PEDESTRIAN

(86) Stream Velocity: NNN

Inventory Route	Data	(6
(3) Route On/Under: ROUTE CARRIED BY STRUCTU	Hwy Sys: STATE HIGHWAY	Αŗ
Route No: 00117 Dir:	Des: MAINLINE Pref:	To
(4) Feature Intersected: USR 33		(7
(5) County: LOG Mileage: 0671	Special Desig:	ΑI
(6)Avg. Daily Traffic(ADT): 7,180	(7) ADT Year: 2011	ΑI
(8) Truck Traf: 610 (14) NHS: NON-NHS BRG E	(15) Corridor: N	Pi
(16) Functional Class: MAJOR COLLECTOR-RURAL	(19) Strahnt: Not Applicable (Not a Strahnet Brid	Pi
Intersected Route	Data	Pi
(22) Route On/Under: SINGLE RT UNDER STRUCTUR	Hwy Sys: U.S. NUMBERED HIGHWAY	N

Route No: 00033 Dir: Des: 1

(23) Feature Intersected: SR 117

(24) County: LOG Mileage: 1096 Special Desig: (25)Avg. Daily Traffic(ADT): 11,301 (26) ADT Year: 2011 (27) Truck Traf: 2180 (28) NHS: NHS BRG EXCLUDE (29) Corridor: N

(30) Functional Class: OTHER PRINCIPAL ARTERIAL-RURAL (36) Strahnt: Non-Interstate Strahnet Bridges

#### Clearance On the Bridge (154) Min. Hriz on Bridge: NC: 0.0 Card: 32.6 Ft (155) Prac Max Vert On Brg: 9999.9 Ft (67) Min Vrt Clr On Brg: NC: 0.0 Card: 9999.9 Ft (80) Min Latl CIr: NC: 0.0/0.0 Ft Card: 0.0/0.0 Ft (81) Vrt Clr Lft: 0.0 Ft

**Structure Information** 

(39) Latitude: 40 Deg 26 Min 03.96 Sec Longitude: 83 Deg 48 Min 16.07 Sec

(40) Toll: ON FREE ROAD

(38) Bypass Length: 02 Miles

(41) Date Built: 7/1/1966 (42) Major Rehabilitation: (43) No. Lanes On: 2 No. Lanes Under: 4 (44) Horiz Curve: (45) Skew: 59 Deg (49) App. Rdw Width: 43 Ft

(50) Brg. Rdw Width: 30.0 Ft (51) Deck Width: 36.8 Ft Deck Area: 19892 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: 36" DEFLECTOR-TYPE PARAPET (NJ SHAPE)

(59) Deck Drainage: INLETS W/DRN PIPES

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

(61) Deck Protection: External: NONE Internal: NONE

(62) Wearing Surface: MICROSILICA MODIFIED CONCRETE OVERLAY

Thickness: 2.0 in (119) Date of Wearing Surface: 1/1/2001

Slope Protection: STONE (NO.1 AGGREGATE)

(63) Main Spans Number: 4	Type: STEEL/BEAM/CONTINUOUS
Approach Spans Number: 0	Type: NONE/NONE/NONE

otal Spans: 4 (65) Max Span: 186 Ft (66) Overall Leng: 540 Ft

(70) Substructure (71) Foundation and Scour Information

Matl: CONCRETE Fnd: UNKNOWN (OR OLDER BRIDGE BEING ADDED) Abut-Rear Type: GRAVITY Abut-Fwd Matl: CONCRETE Type: GRAVITY Fnd: UNKNOWN (OR OLDER BRIDGE BEING ADDED) Pier-Pred Matl: CONCRETE Type: OPEN COLUMN 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

Report Date: 10-03-2014 BM-191 Page: 1 of 2

(88-89) Appraisal

(88) Waterway Adequacy: N

(89) Approach Alignment: 7

Calc Gen Appraisal: 6

Calc Deck Geometry: 4

Calc Underclearance: 5

No of Piers Predominate: 03 Other: NN Other: NN

(189) Dive: N Freq: 0 Probe: N Freq: 0 (75) Chan Prot: N/A

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

# Clearance Under the Bridge

(156) Min. Horiz Under Clear: NC: 57.7 Ft Card: 86.9 Ft

14.9 Ft (157) Prac Max Vrt Under Clear:

(77) Min Vert Under Clear: NC: 14.9 Ft Card: 14.7 Ft (78) Min Lat Under Clear: NC: 23.0/10.8 Ft Card: 23.4/39.5 Ft

(74) Scour: BRIDGE NOT OVER WATERWAY

# Load Rating Information

(Including calculated Items) (48) Design Load: H/20

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: 1973 (84) Analysis: LOAD FACTOR (LF)

(85) Rate Soft: BARS Analysis on Bars: LOAD FACTOR ANALYSIS

PE#: 0

# **Approach Information**

**General Information** 

(109) Approach Guardrail: STEEL BEAM

(110) Approach Pavement: BITUMINOUS (111) Grade: GOOD

# **Culvert Information**

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

### (121) Main Member: WELDED BUILT-UP STEEL

(122) Moment Plate: NONE

(169) Expansion Joint: SLIDING METAL PLATE ANGLE

(124) Bearing Devices: ROCKERS

(126) Navigation: Control-X 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: UNKNOWN (139) Framing: STRAIGHT

Railing: N

Prime Loc: UNKNOWN Paint: PAINT SYSTEM OZEU Pay Wt: 0 pounds

Bridge Dedicated Name:

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

Inventory Bridge Number: LOG 00117 0671 **ROUTE CARRIED BY STRUCTURE USR 33** 

Report Date: 10-03-2014 BM-191 Page: 2 of 2 BR. Type: STEEL/BEAM/CONTINUOUS

Sufficiency Rating: 073.1 Date of Last Inventory Update: 5/2/2012 **General Information (Continued) Original Plans Information** (---) Hist Significance: NOT HISTORIC (69) NBIS: Y (142) Fabricator: VINCENNES STL (---) Hist Builder: Hist Build Year: (143) Contractor: MILLER BROS. (144) Ohio Original Construction Project No: 018765 (69) Hist Type: (161) Special Features (see below): (---) Microfilm Reel: LOG007 (105) Border Bridge State: Resp: %(106) SFN: (151) Standard Drawing: CSB-2-56 **Proposed Improvements Programming Info** Aperture Cards: Orig: Y Repair: N Fabr: N (90) Type Work: -PID Number: 21325 Plan Information Available: 1 PLAN INFORMATION AVAILABLE PID Status: PROGRAM (153) Repair Projects: (90) Length: Ft PID Date: 2/15/2001 1) 800319 / 044 2) / 020 3) 920346 / 041 (90) Bridge Cost (\$1000s): 4) / 020 5) / 040 6) / 061

(90) Roadway Cost (\$1000s):

Structure File Number: 4601890

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

(91) Future ADT (On Bridge): 11173 (92) Year of Future ADT: 2033

(91) Future ADT (Off Bridge): 11173 (92) Tear of Future ADT: 2033									
Inspection	Summary		(I-69) Survey Items			Utilities		Speci	al Features
(I-8) Deck:	7	Railings:	MEETS CURRENT STANDARDS	(46)	Electric:	N	(161)	Lighting:	N
(I-32) Superstructure:	6	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:		In Depth:	NONE N/A		TV Cable:	N		Catwalks:	N
(I-60) Approaches:	7	Fracture Critical:	NONE N/A		Water:	N		Other-Feat:	N
(I-66) General Appraisal:	6	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:	4/9/2013	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	7								
SFNs That were replaced by	this bridge:	-							
This bridge was retired and copied to:				INV	Field Bridge Marker:		LOG -	00117 - 0671 -	
The bridge was copied from:				INT I	Field Bridge Marker:		LOG -	00033 - 1096 -	
(95) Insp: OHIO TRAN DEPT	-	2nd: NONE	3rd: NONE		_		_		_

# **PONTIS CoRe elements and Conditions States**

(96) Maint: OHIO TRAN DEPT

(97) Routine: OHIO TRAN DEPT

Elem No.	CoRe Element Description	Total Quantity	Unit Meas.	Condition State Percents(*)							
				1	2	3	4	5			
22	CONCRETE DECK PROTECTED W/RIGID OVERLAY			0	0	0	0	0			
215	REINFORCED CONC ABUTMENT	143		0	0	0	0	0			
304	OPEN EXPANSION JOINT	143		0	0	0	0	0			
321	REINFORCED CONCRETE APPROACH SLAB	2		0	0	0	0	0			
333	MISCELLANEOUS - BRIDGE RAILING	1078		0	0	0	0	0			
	(*) Percentages should add to 100%										

3rd: NONE

3rd: NONE

2nd: NONE

2nd: NONE

(90) Year: