Unit of Measure: **English**
Structure File Number: 4602315
Sufficiency Rating: 096.8

Bridge Inventory Information
Inventory Bridge Number: LOG 00273 0002
ROUTE CARRIED BY STRUCTURE INDIAN LAKE BOAT PASSAGE

BR. Type: STEEL/BEAM/SIMPLE SPAN
Date of Last Inventory Update: 5/2/2012

District: 07 | County: LOGAN | (101) Location: .02M N.OF LONG ISL.PARK | (102) Facility Carried: SR 273
(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 STRUCTU | Hwy Sys: STATE HIGHWAY
Route No: 00273 | Dir: | Des: MAINLINE | Pref:
(4) Feature Intersected: INDIAN LAKE BOAT PASSAGE
(5) County: LOG | Mileage: 0002 | Special Desig:
(6)Avg. Daily Traffic(ADT): 410 | (7) ADT Year: 2011
(8) Truck Traf: 50 | (14) NHS: NON-NHS BRG E | (15) Corridor: N
(16) Functional Class: MINOR COLLECTOR-RURAL | (19) Strahnt: Not Applicable (Not a Strahnet Brid

Intersected Route Data

(22) Route On/Under: | Hwy Sys:
Route No: | Dir: | Des: | Pref:
(23) Feature Intersected:
(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: 35.8 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 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: 00 Miles
(39) Latitude: 40 Deg 30 Min 18.00 Sec | Longitude: 83 Deg 51 Min 15.77 Sec
(40) Toll: ON FREE ROAD
(41) Date Built: 7/1/1970 | (42) Major Rehabilitation:
(43) No. Lanes On: 2 | No. Lanes Under: 0
(44) Horiz Curve: 30D07M | (45) Skew: 5 Deg
(49) App. Rdw Width: 36 Ft | (50) Brg. Rdw Width: 35.8 Ft
(51) Deck Width: 36.0 Ft | Deck Area: 969 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 (W/O DRIP STRIP)
(60) Deck Type: CORRUGATED STEEL PLATE
(61) Deck Protection: External: NONE
Internal: NONE
(62) Wearing Surface: BITUM (ASPHLT CONCRT)
Thickness: 4.0 in | (119) Date of Wearing Surface: 7/8/2009
Slope Protection: NONE-NATURAL PROTECTION(GRASS,BUSHES)

(63) Main Spans Number: 1 | Type: STEEL/BEAM/SIMPLE SPAN
Approach Spans Number: 0 | Type: NONE/NONE/NONE
Total Spans: 1 | (65) Max Span: 26 Ft | (66) Overall Leng: 27 Ft

(70) Substructure		(71) Foundation and Scour Information	
Abut-Rear	Matl: STEEL	Type: STUB-CAPPED PILE (SINGLE RO	Fnd: STEEL H PILES (HP12 X 53)
Abut-Fwd	Matl: STEEL	Type: STUB-CAPPED PILE (SINGLE RO	Fnd: STEEL H PILES (HP12 X 53)
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)
Pier-Other	Matl: NONE	Type: NONE	Fnd: UNKNOWN (OR OLDER BRIDGE BEING ADDED)
No of Piers Predominate: NN		Other: NN	Other: NN

(86) Stream Velocity: UUU | (74) Scour: STABLE: EVAL SCOUR ABOVE TOP OF FOOTING
(189) Dive: N Freq: 0 | Probe: Y Freq: 12 | (75) Chan Prot: OTHER-GRASS, BUSHES & TREES
(189) Date of last Dive Insp: | (152) Drainage Area: UUU 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: 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

(48) Design Load: HS/20
Opr Rat Fact: 1.250 LD: HS20 LOADING
Inv Rat Fact: 0.890 LD: HS20 LOADING
(83) Ohio Percent of Legal Load: 140
Year of Rating: 2005
(84) Analysis: LOAD FACTOR (LF)
(85) Rate Soft: BARS
Analysis on Bars: LOAD FACTOR ANALYSIS
PE#: 55865 AMJAD WAHEED

(88-89) Appraisal

(Including calculated Items)
(88) Waterway Adequacy: 8
(89) Approach Alignment: 7
Calc Gen Appraisal: 6
Calc Deck Geometry: 6
Calc Underclearance: N

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: NONE
(124) Bearing Devices: SLIDING (BRONZE)
(126) Navigation: Control-Y | Vert Clr: 10.0 Ft | Horiz Clear: 25.0 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
Pay Wt: 0 pounds | Prime Loc: UNKNOWN | Paint: GALVANIZED
Bridge Dedicated Name:

General Information (Continued)

(---) Hist Significance: NOT HISTORIC
(69) NBIS: Y
(---) Hist Builder:
Hist Build Year:
(69) Hist Type:
(161) Special Features (see below):
(105) Border Bridge State: Resp: %(106) SFN:

Original Plans Information

(142) Fabricator:
(143) Contractor:
(144) Ohio Original Construction Project No: 062170
(---) Microfilm Reel: LOG009
(151) Standard Drawing:
Aperture Cards: Orig: N Repair: N Fabr: N
Plan Information Available: 1 PLAN INFORMATION AVAILABLE

Proposed Improvements

(90) Type Work: -
(90) Length: Ft
(90) Bridge Cost ($1000s):
(90) Roadway Cost ($1000s):
(90) Total Project Cost ($1000s):
(90) Year:
(91) Future ADT (On Bridge): 500
(92) Year of Future ADT: 2033

Programming Info

PID Number:
PID Status:
PID Date:

(153) Repair Projects:

Inspection Summary

(I-8) Deck:	5
(I-32) Superstructure:	7
(I-42) Substructure:	6
(I-50) Culvert:	
(I-54) Channel:	8
(I-60) Approaches:	7
(I-66) General Appraisal:	6
(I-66) Operational Status:	A
Inspection Date:	4/10/2013
(94) Desig Insp Freq	12 Months

(I-69) Survey Items

Railings:	MEETS CURRENT STANDARDS
Transitions:	MEETS CURRENT STANDARDS
Guardrail:	MEETS CURRENT STANDARDS
Rail Ends:	MEETS CURRENT STANDARDS
In Depth:	NONE N/A
Fracture Critical:	NONE N/A
Scour Critical	NONE N/A
Critical Findings:	NONE N/A
Insp. Update Date:	5/17/2013

Utilities

(46)	Electric:	N
	Gas:	N
	Sanitary Sewer:	N
	Telephone:	N
	TV Cable:	N
	Water:	N
	Other:	N

Special Features

(161)	Lighting:	N
	Fencing:	N
	Glare-Screen:	N
	Splash-Guard:	N
	Catwalks:	N
	Other-Feat:	N
(184)	Signs-On:	N
	Signs-Under	N
(162)	Fence-Ht	0.0
(163)	Noise Barr	N

SFNs Replacing this retired bridge: -
SFNs That were replaced by this bridge: -
This bridge was retired and copied to:
The bridge was copied from:

INV Field Bridge Marker: LOG - 00273 - 0002 -
INT Field Bridge Marker: - - -

(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
30	DECK - CORRUGATED/ORTHOTROPIC/ETC.	1		0	0	0	0	0
217	OTHER ABUTMENT	72		0	0	0	0	0
330	METAL BRIDGE RAILING	54		0	0	0	0	0

(*) Percentages should add to 100%