

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.
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Basic Information

Ohio [39]	Putnam County [137]	Unknown [00000]	2.7 MI SW OF JCT SR 115	40-51-42 = 40.861667	084-11-36 = - 84.193333
6933416	Highway agency district 1	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route #Num!	COUNTY RD OLD SR12	Toll	On free road [3]	Features intersected	OTTAWA RIVER
Design - main	Concrete [1]	Design - approach		Kilometerpoint	0 km = 0.0 mi
3	Arch - Deck [11]	0	Other [00]	Year built	1932
				Year reconstructed	N/A [0000]
				Skew angle	0
				Structure Flared	
				Historical significance	Bridge is not eligible for the NRHP. [5]
Total length	70.1 m = 230.0 ft	Length of maximum span	21.3 m = 69.9 ft	Deck width, out-to-out	8.4 m = 27.6 ft
				Bridge roadway width, curb-to-curb	7.3 m = 24.0 ft
Inventory Route, Total Horizontal Clearance	3.7 m = 12.1 ft	Curb or sidewalk width - left	0 m = 0.0 ft	Curb or sidewalk width - right	0 m = 0.0 ft
Deck structure type	Not applicable [N]				
Type of wearing surface	Bituminous [6]				
Deck protection	Not applicable (applies only to structures with no deck) [N]				
Type of membrane/wearing surface	Not applicable (applies only to structures with no deck) [N]				

Weight Limits

Bypass, detour length	Method to determine inventory rating	No rating analysis performed [5]	Inventory rating	9.1 metric ton = 10.0 tons
0.6 km = 0.4 mi	Method to determine operating rating	No rating analysis performed [5]	Operating rating	12.6 metric ton = 13.9 tons
	Bridge posting		Design Load	

Functional Details

Average Daily Traffic Average daily truck traffi % Year Future average daily traffic Year

Road classification Lanes on structure Approach roadway width

Type of service on bridge Direction of traffic Bridge median

Parallel structure designation

Type of service under bridge Lanes under structure Navigation control

Navigation vertical clearanc Navigation horizontal clearance

Minimum navigation vertical clearance, vertical lift bridge Minimum vertical clearance over bridge roadway

Minimum lateral underclearance reference feature

Minimum lateral underclearance on right Minimum lateral underclearance on left

Minimum Vertical Underclearance Minimum vertical underclearance reference feature

Appraisal ratings - underclearances

Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost Roadway improvement cost

Length of structure improvement Total project cost

Year of improvement cost estimate

Border bridge - state Border bridge - percent responsibility of other state

Border bridge - structure number

Inspection and Sufficiency

Structure status

Posted for load [P]

Appraisal ratings -
structural

Basically intolerable requiring high priority of corrective action [3]

Condition ratings - superstructure

Poor [4]

Appraisal ratings -
roadway alignment

Better than present minimum criteria [7]

Condition ratings - substructure

Poor [4]

Appraisal ratings -
deck geometry

Meets minimum tolerable limits to be left in place as is [4]

Condition ratings - deck

Poor [4]

Scour

Bridge foundations determined to be stable for assessed or calculated scour conditions; field review indicates action is required. [4]

Channel and channel protection

Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly. [6]

Appraisal ratings - water adequacy

Better than present minimum criteria [7]

Status evaluation

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

30.1

Culverts

Not applicable. Used if structure is not a culvert. [N]

Traffic safety features - railings

Traffic safety features - transitions

Traffic safety features - approach guardrail

Traffic safety features - approach guardrail ends

Inspection date

December 2012 [1212]

Designated inspection frequency

12

Months

Underwater inspection

Not needed [N]

Underwater inspection date

Fracture critical inspection

Not needed [N]

Fracture critical inspection date

Other special inspection

Not needed [N]

Other special inspection date

Structure File Number: 6933416

Inventory Bridge Number: PUT OLD12 16400 N

BR. Type: CONCRETE/ARCH/FILLED

Sufficiency Rating: 030.1 SD

ROUTE CARRIED "ON" THE STRUCTURE OTTAWA RIVER

Date of Last Inventory Update:

District: 01	County: PUTNAM	(101) Location: 2.7 MI SW OF JCT SR 115	(102) Facility Carried: COUNTY RD OLD SR12
(2) FIPS Code: PUT 00000-FIPS NOT ENTERED		(103) Route On Bridge: COUNTY	(104) Route Under Bridge: NON HIGHWAY TRAFFIC ON BRIDGE
(9) Direction of Traffic: ONE LANE BRIDGE FOR 2-WAY	(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 "ON" THE STR	Hwy Sys: COUNTY HIGHWAY (TOWNS	(63) Main Spans Number: 3	Type: CONCRETE/ARCH/FILLED
Route No: OLD12	Dir: NOT APPLICABLE	Approach Spans Number: 0	Type: NONE/NONE/NONE
Des: MAINLINE	Pref: N	Total Spans: 3	(65) Max Span: 70 Ft
(4) Feature Intersected: OTTAWA RIVER		(70) Substructure	(71) Foundation and Scour Information
(5) County: SUG	Mileage: 16400	Abut-Rear	Matl: CONCRETE
(6) Avg. Daily Traffic(ADT): 612	(7) ADT Year: 2009	Abut-Fwd	Matl: CONCRETE
(8) Truck Traf: 30	(14) NHS: NON-NHS BRG E	Pier-Pred	Matl: CONCRETE
(16) Functional Class: RURAL - MAJOR COLLECTOR	(15) Corridor: N	Pier-Other	Matl: NONE
	(19) Strahnt: NON-STRAHNET BRIDGES	Pier-Other	Matl: NONE
Intersected Route Data			
(22) Route On/Under:	Hwy Sys:	No of Piers Predominate:	Other:
Route No:	Dir:	(86) Stream Velocity: 00000	(74) Scour: ACTION IS REQUIRED TO PROTECT EXPOSED FO
(23) Feature Intersected:	Des:	(189) Dive: N Freq: 0	Probe: Y Freq: 0
(24) County:	Mileage: 0000	(189) Date of last Dive Insp:	(152) Drainage Area: UUU Sq Mi
(25) Avg. Daily Traffic(ADT):	(26) ADT Year:	Clearance Under the Bridge	
(27) Truck Traf:	(28) NHS: -	(156) Min. Horiz Under Clear:	NC: 0.0 Ft
(30) Functional Class:	(29) Corridor: N	(157) Prac Max Vrt Under Clear:	0.0 Ft
	(36) Strahnt:	(77) Min Vert Under Clear:	NC: 0.0 Ft
Clearance On the Bridge			
(154) Min. Hriz on Bridge:	NC: 0.0	Card: 12.0 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: 04 Miles		(83) Ohio Percent of Legal Load: 35	(88) Waterway Adequacy: 7
(39) Latitude: 40 Deg 51 Min 42.00 Sec	Longitude: 84 Deg 11 Min 36.00 Sec	Year of Rating: 2009	(89) Approach Alignment: 7
(40) Toll: ON FREE ROAD, THE STRUCTU		(84) Analysis: FIELD EVALUATION AND DOCUMENTED ENGINEER	Calc Gen Appraisal: 3
(41) Date Built: 7/1/1932	(42) Major Rehabilitation:	(85) Rate Soft: NO CALCULATIONS WERE DONE FOR LOADING RA	Calc Deck Geometry: 4
(43) No. Lanes On: 1	No. Lanes Under: 0	Analysis on Bars: NOT ON BARS [DEFAULT]	Calc Underclearance: N
(44) Horiz Curve:	(45) Skew: 0 Deg	PE#: 0	
(49) App. Rdw Width: 27 Ft	(50) Brg. Rdw Width: 24.0 Ft	Approach Information	
(51) Deck Width: 27.7 Ft	Deck Area: 6372 Sq. Ft	(109) Approach Guardrail: FLEXIBLE STEEL PLATE	
(52) Median Type: NONE/NON BARRIER/NO JOINT		(110) Approach Pavement: BITUMINOUS	(111) Grade: GOOD
(53) Bridge Median: NO MEDIAN		Culvert Information	
(54) Sidewalks:	(left) 0.0 Ft	(right) 0.0 Ft	(127) Length: 0.0 Ft
(55) Type Curb or Sidewalks:			(129) Depth of Fill: 0.0 Ft
(Left) Matl: CONCRETE	Type: OPEN GRID		(130) Headwalls: NONE OR NOT APPLICABLE (NOT A CU
(Right) Matl: CONCRETE	Type: OPEN GRID		
(56) Flared: N	(57) Composite: N - NON_COMPOSITE	General Information	
(58) Railing: REINFORCED CONCRETE PARAPET		(121) Main Member: NOT APPLICABLE (CULVERTS, TRUSSES, ARCHE	(122) Moment Plate: NO MOMENT PLATES
(59) Deck Drainage: OVER THE SIDE (WITH DRIP STRIP)		(169) Expansion Joint: NONE	
(60) Deck Type: NONE		(124) Bearing Devices: NONE	
(61) Deck Protection: External: NONE OR NOT APPLICABLE		(126) Navigation: Control-N	Vert Clr: 0.0 Ft
Internal: NONE OR NOT APPLICABLE		(193) Spec Insp: N	Freq: 0
(62) Wearing Surface: BITUMINOUS (ASPHALTIC CONCRETE) - OVERLA		(188) Fracture Critical Insp: N	Date:
Thickness: 2.0 in	(119) Date of Wearing Surface:	(138) Long Member: NOT APPLICABLE (I.E. CULVERT, BEAM, SLAB	Date:
Slope Protection: NONE		(141) Structural Steel Memb: NONE	(135) Hinges: NOT APPLICABLE (STRUCTURES WITH NO
			(139) Framing: NONE OR NOT APPLICABLE
			Railing: N
		Pay Wt: 0 pounds	Prime Loc: NONE (I.E. Paint: NONE OR NOT APPLICABLE
		Bridge Dedicated Name:	

Unit of Measure: **English**
 Structure File Number: 6933416
 Sufficiency Rating: 030.1 SD

Bridge Inventory Information
 Inventory Bridge Number: PUT OLD12 16400 N
ROUTE CARRIED "ON" THE STRUCTURE OTTAWA RIVER

Report Date: 02-10-2015 BM-191 Page: 2 of 2
BR. Type: CONCRETE/ARCH/FILLED
 Date of Last Inventory Update:

General Information (Continued)				Original Plans Information			
(---) Hist Significance: NOT ELIGIBLE		(69) NBIS: Y		(142) Fabricator:			
(---) Hist Builder: OHIO STATE HIGHWAY DEPARTMENT		Hist Build Year: 1932		(143) Contractor:			
(69) Hist Type: CLOSED SPANDREL FILLED				(144) Ohio Original Construction Project No:			
(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:		Plan Information Available: 0 NO PLANS OR INFORMATION AVAILABLE FOR LO			
(90) Length: Ft		PID Status:		(153) Repair Projects:			
(90) Bridge Cost (\$1000s):		PID Date:					
(90) Roadway Cost (\$1000s):							
(90) Total Project Cost (\$1000s):		(90) Year:					
(91) Future ADT (On Bridge): 849		(92) Year of Future ADT: 2034					
Inspection Summary		(I-69) Survey Items		Utilities		Special Features	
(I-8) Deck:	4	Railings:		(46) Electric:	N	(161) Lighting:	N
(I-32) Superstructure:	4	Transitions:		Gas:	N	Fencing:	N
(I-42) Substructure:	4	Guardrail:		Sanitary Sewer:	N	Glare-Screen:	N
(I-50) Culvert:	N	Rail Ends:		Telephone:	N	Splash-Guard:	N
(I-54) Channel:	6	In Depth:		TV Cable:	N	Catwalks:	N
(I-60) Approaches:	7	Fracture Critical:		Water:	N	Other-Feat:	N
(I-66) General Appraisal:	4	Scour Critical:		Other:	N	(184) Signs-On:	N
(I-66) Operational Status:	P	Critical Findings:				Signs-Under:	N
Inspection Date:	10/23/2013	Insp. Update Date:	10/23/2013			(162) Fence-Ht:	0.0
(94) Desig Insp Freq	12 Months					(163) Noise Barr:	N
SFNs Replacing this retired bridge:		-		INV Field Bridge Marker:		PUT - OLD12 - 1640 - N	
SFNs That were replaced by this bridge:		-		INT Field Bridge Marker:		- - 0000 -	
This bridge was retired and copied to:							
The bridge was copied from:							
(95) Insp: COUNTY AGENCY		2nd: NONE	3rd: NONE				
(96) Maint: COUNTY AGENCY		2nd: NONE	3rd: NONE				
(97) Routine: COUNTY AGENCY		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

(*) Percentages should add to 100%

STATE OF OHIO DEPARTMENT OF TRANSPORTATION
BRIDGE INSPECTION REPORT

STRUCTURE FILE NUMBER: 6933416 PUT OLD12 16400 PUT 00000-FIPS NOT ENTERED DATE BUILT 07/01/1932
CO Route SLM SLM SD PUT
 District 01 CONCRETE/ARCHFILLED Type of Service 1 15 OTTAWA RIVER OTD SD PUT

DECK

1. Floor	Out/Out 27.7 N-NONE		2. Wearing Surface	THCK= 2.0 6-BITUMINOUS (ASPHALTIC CONCRETE) -	1
3. Curbs, Sidewalks & Walkways	1-CONCRETE 1-CONCRETE	3	4. Median	W.S. Date = N-NO MEDIAN	
5. Railing	1-REINFORCED CONCRETE PARAPET	4	6. Drainage	6-OVER THE SIDE (WITH DRIP STRIP)	3
7. Expansion Joints	N-NONE		8. SUMMARY	Deck Area: 6,372	4

SUPERSTRUCTURE

9. Alignment of Members	MAX.SPAN.LENGTH = 70	1	10. Beams/Girders/Slab	N-NOT APPLICABLE (CULVERTS, TRUSSES, ARCHE	
11. Diaphragms or Cross Frames	TOT.LGTH = 230		12. Joist/Stringers		
13. Floorbeams			14. Floorbeam Connections		
15. Verticals			16. Diagonals		
17. End posts			18. Upper Chord		
19. Lower Chord			20. Gusset Plates		
21. Lateral Bracing			22. Sway Bracing		
23. Portals			24. Bearing Devices	N-NONE N-NONE	
25. Arch		3	26. Arch Columns or Hangers		
27. Spandrel Walls		3	28. Protective Coating System (PCS)	TYPE: NNONE OR NOT APPLICABLE DATE =	
29. Pins/Hangers/Hinges	ADT: 612 TRUCK: 30 YEAR: 2009		30. Fatigue Prone Detail (E & E')		
31. Live Load Response (E or S)		S	32. SUMMARY		4

SUBSTRUCTURE

33. Abutments	2-CONCRETE 2-CONCRETE	3	34. Abutment Seats	PIERS= # OF SPANS=3	
35. Piers	TYPE = 2-CONCRETE	3	36. Pier Seats		
37. Backwalls			38. Wingwalls	ABUTMENT:=UNKNOWN/UNKNOWN	3
39. Fenders and Dolphins			40. Scour (Insp Type - 1, 2, 3)	4-ACTION IS REQUIRED TO PROTECT EXPOSED FO	3
41. Slope Protection	N-NONE		42. SUMMARY	DIVE DT= N/A	4

CULVERTS

43. General			44. Alignment		
45. Shape			46. Seams		
47. Headwalls or Endwalls			48. Scour (Insp Type - 1, 2, 3)		
49. Abutments			50. SUMMARY		N

CHANNEL

51. Alignment		1	52. Protection	0-OTHER (GRASS, BUSHES, TREES)	1
53. Hydraulic Opening		2	54. SUMMARY		6

APPROACHES

55. Pavement	2-BITUMINOUS	1	56. Approach Slabs		
57. Guardrail	2-FLEXIBLE STEEL PLATE	2	58. Relief Joint		
59. Embankment	BRDG.WIDTH=24.0	1	60. SUMMARY	PCT.LEGAL= 35	7

GENERAL

61. Navigation Lights			62. Warning Signs	ROUTINE.RESP: 3-COUNTY AGENCY MAINT.RESP: 3-COUNTY AGENCY	1
63. Sign Supports	MVC ON=9999 UND=0000		64. Utilities		
65. Vertical Clearance (1, 2-change, N)			66. General Appraisal & Operational Status		4 P

67. INSPECTED BY

68. REVIEWED BY

Print First & Last Name
Inspected Date: 10/23/2013

54.504
PE Number

TA
Initial

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Print First & Last Name PE Number Initial

Reviewed Date: 1/1/0001

69. Survey (1, 0, N)