

HistoricBridges.org - National Bridge Inventory Data Sheet

2011 Inventory

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

Form Interface Design: www.historicbridges.org. Data Conversion Assistance By www.bridgehunter.com. None of the involved parties make any guarantee of accuracy.

Basic Information

Ohio [39]	Wood County [173]	Henry [34986]	0.25 ML N. OF QUARRY RD	41-11-37 = 41.193611	083-39-02 = - 83.650556
8759162	Highway agency district 2	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route #Num!	INSLEY ROAD	Toll On free road [3]	Features intersected	ROCKY FORD INSLEY ROAD	
Design - main	Concrete [1]	Design - approach	Kilometerpoint	0 km = 0.0 mi	
1	Arch - Thru [12]	0	Year built	1930	Year reconstructed N/A [0000]
		Other [00]	Skew angle	0	Structure Flared
			Historical significance	Bridge is eligible for the NRHP. [2]	
Total length	29 m = 95.1 ft	Length of maximum span	27.7 m = 90.9 ft	Deck width, out-to-out	10.2 m = 33.5 ft
Inventory Route, Total Horizontal Clearance	8.5 m = 27.9 ft	Curb or sidewalk width - left	0.3 m = 1.0 ft	Curb or sidewalk width - right	0.3 m = 1.0 ft
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Bituminous [6]				
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length	Method to determine inventory rating	No rating analysis performed [5]	Inventory rating	13.6 metric ton = 15.0 tons
0.5 km = 0.3 mi	Method to determine operating rating	No rating analysis performed [5]	Operating rating	18.1 metric ton = 19.9 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	

Functional Details

Average Daily Traffic	80	Average daily truck traffi	0	%	Year	1995	Future average daily traffic	111	Year	2029
Road classification	Minor Collector (Rural) [08]		Lanes on structure	2		Approach roadway width	11 m = 36.1 ft			
Type of service on bridge	Highway [1]		Direction of traffic	2 - way traffic [2]		Bridge median				
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Waterway [5]		Lanes under structure	0		Navigation control				
Navigation vertical clearanc	0 = N/A		Navigation horizontal clearance	0 = N/A						
Minimum navigation vertical clearance, vertical lift bridge						Minimum vertical clearance over bridge roadway	99.99 m = 328.1 ft			
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]									
Minimum lateral underclearance on right	0 = N/A					Minimum lateral underclearance on left	0 = N/A			
Minimum Vertical Underclearance	0 = N/A		Minimum vertical underclearance reference feature	Feature not a highway or railroad [N]						
Appraisal ratings - underclearances	N/A [N]									

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	Open, no restriction [A]	Appraisal ratings - structural	Basically intolerable requiring high priority of replacement [2]
Condition ratings - superstructure	Critical [2]	Appraisal ratings - roadway alignment	Better than present minimum criteria [7]
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	Better than present minimum criteria [7]
Condition ratings - deck	Serious [3]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel. [5]		
Appraisal ratings - water adequacy	Better than present minimum criteria [7]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	30.9
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	January 2011 [0111]	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	

Unit of Measure: English Structure File Number 8759162 Sufficiency Rating: 30.9 SD			Bridge Inventory Information Inventory Bridge Number: WOO C604A 0005 ON ROCKY FORD RIV INSLEY RD			Report Date 02/27/2013 BM-191 Page: 1 of 2 BR. Type CONCRETE / ARCH / THRU Date of Last Inventory Update: 02/21/2012		
District: 02 County WOOD			(101) Location: 0.25 ML N OF QUARRY RD			(102) Facility Carried: INSLEY ROAD		
(2) FIPS Code: HENRY TWP			(103) Route On Bridge: COUNTY			(104) Route Under Bridge: NON-HIGHWAY		
(9) Direction of Traffic: 2-WAY TRAFFIC			(10) Temporary: N			(11) Truck Network: N		
(95) Insp: COUNTY (96) Maint: COUNTY (97) Routine: COUNTY			(12) Parallel: N			(13) Type Serv: (On): HIGHWAY		
(100) Type Serv: (Under): WATERWAY								
Inventory Route Data			(63) Main Spans Number: 1			Type: CONCRETE / ARCH / THRU		
(3) Route On/Under: ON Hwy Sys: COUNTY/TOWNSHIP HIGHWAY			Approach Spans Number: 0			Type: NONE / NONE / NONE		
Route No.: C604A Dir: Des: MAINLINE Pref:			Total Spans: 1			(65) Max Span: 91 Ft		
(4) Feature Intersected: ROCKY FORD RIV INSLEY RD			(70) Substructure			(71) Foundation and Scour Information		
(5) County: HEN Mileage: 0005 Special Desig:			Abut-Rear Matl: STONE			Type: CANTILEVER		
(6) Avg. Daily Traffic(ADT): 80 (7) ADT Year: 1995			Abut-Fwd Matl: STONE			Type: CANTILEVER		
(8) Truck Traf: 4 (14) NHS: NO - X (15) Corridor: N			Pier-Pred Matl: NONE			Type: NONE		
(16) Functional Class: MINOR COLLECTOR-RURAL (19) Strahnt: Not Applicable			Pier-Other Matl: NONE			Type: NONE		
Intersected Route Data			Pier-Other Matl: NONE			Type: NONE		
(22) Route On/Under:			No of Piers Predominate: NN			Other: NN		
Route No.: Dir: Des: Pref:			(86) Stream Velocity: UUU			(74) Scour: STABLE: EVAL SCOUR ABOVE TOP OF FOOTING		
(23) Feature Intersected:			(189) Dive: N Freq: 0			Probe: Y Freq: 12		
(24) County: Mileage: Special Desig:			(189) Date of last Dive Insp:			(152) Drainage Area: 061 Sq Mi		
(25) Avg. Daily Traffic(ADT): 0 (26) ADT Year:								
(27) Truck Traf: 0 (28) NHS: - (29) Corridor:								
(30) Functional Class:			(36) Strahnt: Not Applicable					
Clearance On the Bridge								
(154) Min Hriz on Bridge: NC: 0.0 Ft Card: 28.0 Ft								
(155) Prac Max Vert On Brg: 9999.9 Ft								
(67) Min Vrt Clr On Brg: NC: 0.0 Ft Card: 9999.9 Ft								
(80) Min Latl Clr: NC: 0.0 / 0.0 Ft Card: 13.5 / 13.5 Ft								
(81) Vrt Clr Lft: 0.0 Ft								
Structure Information								
(38) Bypass Length: 03 Miles								
(39) Latitude: 41 Deg 11.6 Min Longitude: 83 Deg 39.0 Min								
(40) Toll: ON FREE ROAD								
(41) Date Built: 07/01/1930 (42) Major Rehabilitation:								
(43) No. Lanes On: 2 No. Lanes Under: 0								
(44) Horiz Curve: Deg. Min. (45) Skew: 0 Deg								
(49) App. Rdw Width: 36 Ft (50) Brg. Rdw Width: 28.0 Ft								
(51) Deck Width: 33.5 Ft Deck Area: 3186 Sq. Ft								
(52) Median Type: NONE / NON BARRIE / NO JOINT								
(53) Bridge Median: NO MEDIAN								
(54) Sidewalks: (left) 1 Ft (right) 1 Ft								
(55) Type Curb or Sidewalks:								
(Left) Matl: CONCRETE Type: SAFETY CURB(<=2')								
(Right) Matl: CONCRETE Type: SAFETY CURB(<=2')								
(56) Flared: N (57) Composite: composite								
(58) Railing: REINFORCED CONCRETE PARAPET								
(59) Deck Drainage: SCUPPERS & DWNSPTS								
(60) Deck Type: REINF CONCRT (PRESTRSD, PRECAST								
(61) Deck Protection: External: NONE								
Internal: NONE								
(62) Wearing Surface: BITUM (ASPHLT CONCRT)								
Thickness: 2.0 in (119) Date of Wearing Surface: 01/01/1989								
Slope Protection: SOIL								

Unit of Measure: **English**
Structure File Number **8759162**
Sufficiency Rating: **30.9 SD**

Bridge Inventory Information
Inventory Bridge Number:**WOO C604A 0005**
ON ROCKY FORD RIV INSLEY RD

Report Date **02/27/2013** BM-191 Page: 2 of 2
BR. Type **CONCRETE/ARCH/THRU**
Date of Last Inventory Update: **02/21/2012**

General Information (Continued)				Original Plans Information			
(---) Hist Significance: NON-REGISTERED HISTORIC BRIDGE (69) NBIS: Y (---) Hist Builder: OHIO STATE HIGHWAY Hist Build Year: 1930 DEPARTMENT (69) Hist Type: NONE N/A (161) Special Features (see below): (105) Border Bridge State: Resp % (106) SFN:				(142) Fabricator: (143) Contractor: (144) Ohio Original Construction Project No.: (---) Microfilm Reel: (151) Standard Drawing: Aperture Cards: Orig: N Repair: N Fabr: N Plan Information Available: 1PLAN INFORMATION AVAILABLE			
Proposed Improvements		Programming Info		(153) Repair Projects			
(90) Type Work: -		PID Number:		1. / 044			
(90) Length: Ft		PID Status:		2.			
(90) Bridge Cost (\$1000s): 0		PID Date:		3.			
(90) Roadway Cost (\$1000s): 0				4.			
(90) Total Project Cost (\$1000s): 0		(90) Year:		5.			
(91) Future ADT (On Bridge): 0		(92) Year of Future ADT: 2029		6.			
				7.			
				8.			
				9.			
				10.			
Inspection Summary		(I-69) Survey Items		Utilities		Special Features	
(I-8) Deck: 3	Railings: 0 DOES NOT MEET CURRENT STANDARDS	(46) Electric: N		(161) Lighting: N			
(I-32) Superstructure: 2	Transitions: N NONE N/A	Gas: N		Fencing: N			
(I-42) Substructure: 4	Guardrail: 0 DOES NOT MEET CURRENT STANDARDS	Sanitary Sewer: N		Glare-Screen: N			
(I-50) Culvert:	Rail Ends: N NONE N/A	Telephone: N		Splash-Guard: N			
(I-54) Channel: 5	In Depth: N NONE N/A	TV Cable: N		Catwalks: N			
(I-60) Approaches: 5	Fracture Critical: N NONE N/A	Water: N		Other-Feat: N			
(I-66) General Appraisal: 2	Scour Critical: N NONE N/A	Other: N		(184) Signs-on: N			
(I-66) Operational Status: A	Critical Findings: N NONE N/A			Signs-Under: N			
Inspection Date: 01/31/2012	Insp. Update Date: 02/24/2012			(162) Fence-Ht: 0.0 Ft			
(94) Desig Insp Freq: 12 Months				(163) Noise Barr: N			
SFNs Replacing this retired bridge: -							
SFNs That where replaced by this bridge: -							
This bridge was retired and copied to:				INV Field Bridge Marker: WOO-C604A-0005 -			
The bridge was copied from:				INT Field Bridge Marker: ---			

PONTIS CoRe elements and Condition States

Elem No.	CoRe Element Description	Total Quantity	Unit Meas.	Condition State Percents(*)				
				1	2	3	4	5
		0						

(*) Percentages Should add to 100%

STATE OF OHIO DEPARTMENT OF TRANSPORTATION
BRIDGE INSPECTION REPORT

BR-86 REV 02-95

8

7

5

9

1

6

2

1
Structure File Number7

Bridge Number

WOO C604A 0005

CO ROUTE UNIT

HENRY TWP

Date Built 07/01/1930

District 02 Bridge Type CONCRETE/ARCH/THRUType Service 1 15 ROCKY FORD RIV INSLEY RDWOO

DECK		Out/Out 33.5		THCK = 2.0		
1. Floor	1-REINF CONCRT (PRESTRSD	8	3	2. Wearing Surface	6-BITUM (ASPHLT CONCRT)	41
3. Curbs, Sidewalks, Walkways		1-CONCRETE	9	4. Median		42
5. Railing		1-REINFORCED CONCRETE PA	10	6. Drainage		3-SCUPPERS & DWNSPTS
7. Expansion Joints		N-NONE	11	8. Summary		44
SUPERSTRUCTURE		MAX.SPAN=91				
9. Alignment		12	2	10. Beams/Girders/Slab	5-CONCRETE GIRDER	45
11. Diaphragms or Crossframes		TOT.LGTH=95	13	12. Joists/Stringers		46
13. Floor Beams			4	14. Floor Beam Connections		47
15. Verticals			15	16. Diagonals		48
17. End Posts			16	18. Top Chord		49
19. Lower Chord			17	20. Lower Lateral Bracing		50
21. Top Lateral Bracing			18	22. Sway Bracing		51
23. Portals			19	8-FIXED ARCH-RIB		
25. Arch			20	24. Bearing Devices		N-NONE
27. Spandrel Walls			21	26. Arch Columns or Hangers		53
29. Pins/Hangers/Hinges			22	TYPE = N-NONE		
31. Live Load Response			23	28. Protective Coating System		DATE =
			S	30. Fatigue Prone Connections		55
			S	32. Summary		56
SUBSTRUCTURE		1-STONE		PIERS=0		SPANS = 1
33. Abutments	1-STONE	24	3	34. Abutment Seats		57
35. Piers		TYPE = N-NONE	25	36. Pier Seats		58
37. Backwalls			26	ABUTMENT:=SPREAD / SPREAD		
39. Fenders and Dolphins			27	38. Wingwalls		59
41. Slope Protection		S-PROBLEM	28	40. Scour		8-STABLE: EVAL SCOUR ABO
			28	42. Summary		DIVE DT=N/A
CULVERTS						
43. General			29	44. Alignment		63
45. Shape			30	46. Seams		64
47. Headwalls or Endwalls			31	48. Scour		65
49.			32	50. Summary		66
CHANNEL						
51. Alignment			2	0-OTHER-GRASS, BUSHES & TREES		
52. Protection			2	52. Protection		67
53. Waterway Adequacy			2	54. Summary		68
APPROACHES						
55. Pavement		2-BITUMINOUS	35	56. Approach Slabs		69
57. Guardrail		2-FLEX STEEL PLATE	36	58. Relief Joints		70
59. Embankment		BRDG.WIDTH=28.0	37	60. Summary		PCT.LEGAL=100
GENERAL						
61. Navigation Lights			38	ROUTINE.RESP: 3-COUNTY		
62. Warning Signs			38	MAINT.RESP: 3-COUNTY		72
63. Sign Supports		MVC ON=9999 UND=0000	39	64. Utilities		73
65. Vertical Clearance			40	66. General Appraisal & Operational Status		74

67. INSPECTED BY68. REVIEWED BY

SIGNED

76 PE

78 INITIALS

SIGNED

81 PE

83 INITIALS

DOT 2852DECK AREA 3,186

Date

86

91

92

69 Survey

99

Date

100

105

STATE OF OHIO DEPARTMENT OF TRANSPORTATION
BRIDGE INSPECTION REPORT

BR-86 REV 02-95

8	7	5	9	1	6	2
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1 Structure File Number 7

Bridge Number **WOO** **C604A** **0005**
CO ROUTE UNIT

Date Built **07/01/1930**

District **02** Bridge Type **CONCRETE/ARCH/THRU**

Type Service **1** **1** **5**

ROCKY FORD RIV INSLEY RD

00 NO REMARKS FOUND FOR THIS INSPECTION.