HistoricBridges.org - National Bridge Inventory Data Sheet

2011 Inventory

The National Bridge Inventory contains data submitted by state transportion 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]	North Baltimore [56154]	0.8 MI.WEST OF U.S.RT.25	41-10-56 = 41.182222	083-39-50 = -83.663889

8740070	Highway agency district 2	Owner: County Highway Agency [02]	Maintenance responsibility: County Highway Agency [02]		
Route: #Num!		EAGLEVILLE(E.BRDWY	Toll: On free road [3]	Features intersected: RKY.FRD.CRK.EAGLEVILLE R	

Design - main: Concrete [1]		Design - approach		Kilometerpoint: 0 km = 0.0 mi	
1	Girder and floorbeam system [03]	0	Other [00]	Year built: 1928	Year reconstructed: N/A [0000]
				Skew angle: 61	Structure Flared:
				Historical significance: Bridge is not eligible for the NRHP. [5]	

Total length: 18.6 m = 61.0 ft	Length of maximum span: 16.8 m = 55.1 ft	Deck width, out-to-out: 8.6 m = 28.2 ft	Bridge roadway width, curb-to-curb: 7 m = 23.0 ft
Inventory Route, Total Horizontal Clearance: 7 m = 23.0 ft	Curb or sidewalk width - left: 0 m = 0.0 ft	Curb or sidewalk width - right: 0 m = 0.0 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: 0.5 km = 0.3 mi	Method to determine inventory rating: Load Factor(LF) [1]		Inventory rating: 7.1 metric ton = 7.8 tons		
	Method to determine operating rating: Load Factor(LF) [1]		Operating rating: 11.7 metric ton = 12.9 tons		
	Bridge posting: 20.0 - 29.9 % below [2]		Design Load:		

Functional Details

Average Daily Traffic	1175	Average daily truck traffi	2 %	Year	1997	Future average daily traffic	1631	Year	2026

Road classification	Major Collector (Rural) [07]	Lanes on structure	2	Approach roadway width	10.7 m = 35.1 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 corrrective action [3]
Condition ratings - superstructur	Fair [5]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Serious [3]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrrective action [3]
Condition ratings - deck	Fair [5]		

Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]
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	Meets minimum tolerable limits to be left in place as is [4]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	13.2

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	November 2009 [1109]	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	

District: **02** County **WOOD**
(101) Location: **0.8 MI.WEST OF U.S.RT.25** (102) Facility Carried: **EAGLEVILLE(E.BRDWY**
(2)FIPS Code: **N BALTIMORE** (103) Route On Bridge: **TOWNSHIP** (104) Route Under Bridge: **NON-HIGHWAY**
(9) Direction of Traffic: **2-WAY TRAFFIC** (10) Temporary: **N** (11)Truck Network: **N** (12)Parallel: **N**
(95) Insp: **COUNTY** (96) Maint: **COUNTY** (97) Routine: **COUNTY** (100) Type Serv: (On): **HIGHWAY** (Under): **WATERWAY**

Inventory Route Data

(3) Route On/Under: **ON** Hwy Sys: **COUNTY/TOWNSHIP HIGHWAY**
Route No.: **T034A** Dir: Des: **MAINLINE** Pref:
(4) Feature Intersected: **RKY.FRD.CRK.EAGLEVILLE RD**
(5) County: **HEN** Mileage: **001A** Special Desig:
(6) Avg. Daily Traffic(ADT): **1,175** (7) ADT Year: **1997**
(8) Truck Traf: **25** (14) NHS: **NO** - **X** (15) Corridor: **N**
(16) Functional Class: **MAJOR COLLECTOR-RURAL** (19) Strahnt: **Not Applicable**

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): **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: **23.0** 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: **11.4 / 11.4** Ft
(81) Vrt Clr Lft: **0.0** Ft

Structure Information

(38) Bypass Length: **03** Miles
(39) Latitude: **41 Deg 10.9 Min** Longitude: **83 Deg 39.8 Min**
(40) Toll: **ON FREE ROAD**
(41) Date Built: **07/01/1928** (42) Major Rehabilitation:
(43) No. Lanes On: **2** No. Lanes Under: **0**
(44) Horiz Curve: **Deg. Min.** (45) Skew: **61** Deg
(49) App. Rdw Width: **35** Ft (50) Brg. Rdw Width: **23.0** Ft
(51) Deck Width: **28.3** Ft Deck Area: **1733** Sq. Ft
(52) Median Type: **NONE** / **NON BARRIE** / **NO JOINT**
(53) Bridge Median: **NO MEDIAN**
(54) Sidewalks: (left) **0** Ft (right) **0** Ft
(55) Type Curb or Sidewalks:
(Left) Matl: **NONE** Type: **NONE**
(Right) Matl: **NONE** Type: **NONE**
(56) Flared: **N** (57) Composite: **non-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: **01/01/1969**
Slope Protection: **CONCRETE (CAST-IN-PLACE)**

(63) Main Spans Number: **1** Type: **CONCRETE** / **GIRDER** / **THRU**
Approach Spans Number: **0** Type: **NONE** / **NONE** / **NONE**
Total Spans: **1** (65) Max Span: **55** Ft (66) Overall Leng: **61** Ft

(70) Substructure (71) Foundation and Scour Information

Abut-Rear	Matl: **CONCRETE**	Type: **SOLID WALL**	Fnd: **SPREAD FOOTING**
Abut-Fwd	Matl: **CONCRETE**	Type: **SOLID WALL**	Fnd: **SPREAD FOOTING**
Pier-Pred	Matl: **NONE**	Type: **NONE**	Fnd: **NONE/NOT APPLICABLE (SUCH AS CULVERTS)**
Pier-Other	Matl: **NONE**	Type: **NONE**	Fnd: **NONE/NOT APPLICABLE (SUCH AS CULVERTS)**
Pier-Other	Matl: **NONE**	Type: **NONE**	Fnd: **NONE/NOT APPLICABLE (SUCH AS CULVERTS)**

No of Piers Predominate: **NN** Other: **NN** Other: **NN**
(86) Stream Velocity: **UUU** (74) Scour: **STABLE: SCOUR WITHIN LIMITS OF FOOT/PILE**
(189) Dive: **N Freq: 0** Probe: **Y** Freq: **12** (75) Chan Prot: **CONC(CAST-IN-PLACE)**
(189) Date of last Dive Insp: (152) Drainage Area: **059** 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: **UNKNOWN [DEFAULT]**
(83) Operating: **24** Ton
Inventory: **14** Ton
Ohio Percent of Legal Load **80**
Year of Rating: **2010**
(84) Analysis: **LOAD FACTOR (LF)**
(85) Rate Soft: **BARS** Analyzed by: **AEH**
Analysis on Bars: **NOT ON BARS [DEFAULT]**

(88-89) Appraisal

(Including calculated Items)
(88) Waterway Adequacy **4**
(89) Approach Alignment **6**
Calc Gen Appraisal: **4**
Calc Deck Geometry: **3**
Calc Underclearance: **N**

Approach Information

(109) Approach Guardrail: **NONE**
(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 **CONCRETE GIRDER** (122) Moment Plate: **NONE**
(169) Expansion Joint: **OTHER**
(124) Bearing Devices: **SLIDING (BRONZE)/NONE**
(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: **TWO GIRDER BRIDGE** (135) Hinges: **NOT APPLICABLE**
(141) Structural Steel Memb: **NONE** (139) Framing: **NONE**
Railing: **NONE**
Pay Wt: **0** pounds Prime Loc: **NONE** Paint: **NONE**
Bridge Dedicated Name:

General Information (Continued)

(---) Hist Significance: **NOT HISTORIC**
(69) NBIS: **Y**
(---) Hist Builder: **NONE N/A**
Hist Build Year: **1928**
(69) Hist Type: **SHAPED**
(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.:
(---) Microfilm Reel:
(151) Standard Drawing:
Aperture Cards: Orig: **N** Repair: **N** Fabr: **N**
Plan Information Available: **1PLAN INFORMATION AVAILABLE**

(153) Repair Projects

1. **/ 044**	2.	3.
4.	5.	6.
7.	8.	9.
10.		

Proposed Improvements

(90) Type Work: **-**
(90) Length: Ft
(90) Bridge Cost ($1000s): **0**
(90) Roadway Cost ($1000s): **0**
(90) Total Project Cost ($1000s): **0**
(90) Year:
(91) Future ADT (On Bridge): **0**
(92) Year of Future ADT: **2033**

Programming Info

PID Number:
PID Status:
PID Date:

Inspection Summary

(I-8) Deck:	**5**
(I-32) Superstructure:	**5**
(I-42) Substructure:	**5**
(I-50) Culvert:	
(I-54) Channel:	**5**
(I-60) Approaches:	**6**
(I-66) General Appraisial:	**5**
(I-66) Operational Status:	**P**
Inspection Date:	**01/31/2012**
(94) Desig Insp Freq:	**12 Months**

(I-69) Survey Items

Railings:	**0 DOES NOT MEET CURRENT STANDARDS**
Transitions:	**N NONE N/A**
Guardrail:	**N NONE N/A**
Rail Ends:	**N NONE N/A**
In Depth:	**N NONE N/A**
Fracture Critical:	**N NONE N/A**
Scour Critical:	**N NONE N/A**
Critical Findings:	**N NONE N/A**
Insp. Update Date:	**02/24/2012**

Utilities

(46) Electric:	**N**
Gas:	**Y**
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** Ft
(163) Noise Barr:	**N**

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

INV Field Bridge Marker: **WOO-T034A-0001 -**
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 4 0 0 7 0
1 Structure File Number 7

Bridge Number **WOO** (CO) **T034A** (ROUTE) **001A** (UNIT) **N BALTIMORE** **Date Built 07/01/1928**

District **02** Bridge Type **CONCRETE/GIRDER/THRU** Type Service **1** **15 RKY.FRD.CRK.EAGLEVILLE RD** **WOO**

DECK Out/Out 28.3			2. Wearing Surface THCK = 2.0	6-BITUM (ASPHLT CONCRT) 41	2
1. Floor	1-REINF CONCRT (PRESTRSD 8	2			
3. Curbs, Sidewalks, Walkways	N-NONE N-NONE 9		4. Median W.S. Date = 01/01/1969	42	
5. Railing	1-REINFORCED CONCRETE PA 10	2	6. Drainage	3-SCUPPERS & DWNSPTS 43	2
7. Expansion Joints	0-OTHER 11	2	**8. Summary**	44	5
SUPERSTRUCTURE MAX.SPAN=55					
9. Alignment	12	1	10. Beams/Girders/Slab	5-CONCRETE GIRDER 45	2
TOT.LGTH=61					
11. Diaphragms or Crossframes	13		12. Joists/Stringers	46	
13. Floor Beams	14	2	14. Floor Beam Connections	47	2
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		24. Bearing Devices 3-SLIDING (BRONZE) N-NONE	52	
25. Arch	20		26. Arch Columns or Hangers	53	
27. Spandrel Walls	21		28. Protective Coating System TYPE = N-NONE DATE =	54	
29. Pins/Hangers/Hinges	22		30. Fatigue Prone Connections	55	
31. Live Load Response	23	S	**32. Summary**	56	5
SUBSTRUCTURE 2-CONCRETE					
33. Abutments	2-CONCRETE 24	2	34. Abutment Seats PIERS=0 SPANS = 1	57	2
35. Piers	TYPE = N-NONE 25		36. Pier Seats	58	
37. Backwalls	26		38. Wingwalls ABUTMENT:=SPREAD / SPREAD	59	2
39. Fenders and Dolphins	27		40. Scour	5-STABLE: SCOUR WITHIN L 60	2 1
41. Slope Protection	1-CONCRETE (CAST) 28	4	**42. Summary** DIVE DT=N/A	62	5
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	33	2	52. Protection 1-CONC(CAST-IN-PLACE)	67	1
53. Waterway Adequacy	34	2	**54. Summary**	68	5
APPROACHES					
55. Pavement	2-BITUMINOUS 35	2	56. Approach Slabs	69	
57. Guardrail	N-NONE 36		58. Relief Joints	70	
59. Embankment	BRDG.WIDTH=23.0 37	2	**60. Summary** PCT.LEGAL=80	71	6
GENERAL					
61. Navigation Lights	38		62. Warning Signs ROUTINE.RESP: 3-COUNTY MAINT.RESP: 3-COUNTY	72	1
MVC ON=9999 UND=0000					
63. Sign Supports	39	1	64. Utilities GAS/	73	1
65. Vertical Clearance	40	N	**66. General Appraisal & Operational Status**	74	COND 5 STAT P

67. INSPECTED BY

68. REVIEWED BY

SIGNED — 76 PE — B W P 78 INITIALS

SIGNED — 7 4 3 1 9 81 PE — B C R 83 INITIALS

DOT 2852

DECK AREA 1,733

Date 0 1 3 1 1 2 (86–91)

0 N N N N N N N (92 — 69 Survey — 99)

Date 0 2 1 4 1 2 (100–105)

STATE OF OHIO DEPARTMENT OF TRANSPORTATION

BRIDGE INSPECTION REPORT

BR-86 REV 02-95

8	7	4	0	0	7	0

1 Structure File Number 7

Bridge Number **WOO** (CO) **T034A** (ROUTE) **001A** (UNIT)

Date Built 07/01/1928

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

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

RKY.FRD.CRK.EAGLEVILLE RD

00 NO REMARKS FOUND FOR THIS INSPECTION.