

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]	Preble County [135]	Monroe [51548]	W OF US 127	00-00-00 = 0.000000	000-00-00 = -0.000000
6840248	Highway agency district 8	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route #Num!	FOOS RD	Toll On free road [3]	Features intersected	PRICES CREEK	
Design - main	Steel [3]	Design - approach	Kilometerpoint	0 km = 0.0 mi	
1	Truss - Thru [10]	0 Other [00]	Year built	1931	Year reconstructed N/A [0000]
			Skew angle	0	Structure Flared
			Historical significance	Bridge is not eligible for the NRHP. [5]	
Total length	22.9 m = 75.1 ft	Length of maximum span	19.8 m = 65.0 ft	Deck width, out-to-out	6.1 m = 20.0 ft
Inventory Route, Total Horizontal Clearance	6.1 m = 20.0 ft	Curb or sidewalk width - left	0.6 m = 2.0 ft	Curb or sidewalk width - right	0.6 m = 2.0 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	23.3 metric ton = 25.6 tons
0.8 km = 0.5 mi	Method to determine operating rating	No rating analysis performed [5]	Operating rating	31.4 metric ton = 34.5 tons
	Bridge posting	30.0 - 39.9 % below [1]	Design Load	M 13.5 / H 15 [2]

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	Serious [3]	Appraisal ratings - roadway alignment	Better than present minimum criteria [7]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - deck	Serious [3]		
Scour	Countermeasures have been installed to mitigate an existing problem with scour. [7]		
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	36
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - transitions			
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends			
Inspection date	June 2010 [0610]	Designated inspection frequency	12 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	June 2010 [0610]
Other special inspection	Not needed [N]	Other special inspection date	

Unit of Measure: **English**
Structure File Number **6840248**
Sufficiency Rating: **29.9 SD**

Bridge Inventory Information
Inventory Bridge Number: **PRE T0437 0090**
ON PRICES CREEK

Report Date **02/26/2013** **BM-191** Page: 1 of 2
BR. Type STEEL / TRUSS / PONY (TRUSS)
Date of Last Inventory Update: **11/14/2012**

District: **08** County **PREBLE** (101) Location: **W OF US 127** (102) Facility Carried: **FOOS RD**
(2) FIPS Code: **MONROE TWP** (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** (63) Main Spans Number: 1 Type: **STEEL / TRUSS / PONY (TRUSS)**
Route No.: **T0437** Dir: Des: **MAINLINE** Pref: Approach Spans Number: 0 Type: **NONE / NONE / NONE**
Total Spans: 1 (65) Max Span: **65** Ft (66) Overall Leng: **75** Ft

(4) Feature Intersected: **PRICES CREEK** (70) Substructure (71) Foundation and Scour Information
(5) County: **MON** Mileage: **0090** Special Desig: Abut-Rear Matl: **CONCRETE** Type: **SOLID WALL** Fnd: **SPREAD FOOTING**
(6) Avg. Daily Traffic(ADT): **70** (7) ADT Year: **1969** Abut-Fwd Matl: **CONCRETE** Type: **SOLID WALL** Fnd: **SPREAD FOOTING**
(8) Truck Traf: **7** (14) NHS: **NO - X** (15) Corridor: **N** Pier-Pred Matl: **NONE** Type: **NONE** Fnd: **NONE/NOT APPLICABLE (SUCH AS CULVERTS)**
(16) Functional Class: **LOCAL ROAD-RURAL** (19) Strahnt: **Not Applicable** 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)**

Intersected Route Data
(22) Route On/Under: Hwy Sys: No of Piers Predominate: **NN** Other: **NN** Other: **NN**
Route No.: Dir: Des: Pref: (86) Stream Velocity: **UUU** (74) Scour: **COUNTERMEAS INSTALLED TO CORRECT PROBLEM**
(23) Feature Intersected: (189) Dive: **N Freq: 0** Probe: **Y Freq: 12** (75) Chan Prot: **OTHER-GRASS, BUSHES & TREES**
(24) County: Mileage: Special Desig: (189) Date of last Dive Insp: (152) Drainage Area: **UUU** 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 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

Clearance On the Bridge
(154) Min Hriz on Bridge: NC: **0.0** Ft Card: **20.0** 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: **0.0 / 0.0** Ft
(81) Vrt Clr Lft: **0.0** Ft

Structure Information
(38) Bypass Length: **05** Miles
(39) Latitude: **39 Deg 51.9 Min** Longitude: **84 Deg 38.3 Min**
(40) Toll: **ON FREE ROAD**
(41) Date Built: **07/01/1931** (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: **23** Ft (50) Brg. Rdw Width: **20.0** Ft
(51) Deck Width: **20.0** Ft Deck Area: **1496** Sq. Ft
(52) Median Type: **NONE / NON BARRIE / NO JOINT**
(53) Bridge Median: **NO MEDIAN**
(54) Sidewalks: (left) **2** Ft (right) **2** 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:

Load Rating Information (88-89) Appraisal
(48) Design Load: **OTHER (INCL RR BRIDGE W/TRACK REMOVED)** (Including calculated Items)
(83) Operating: **35** Ton
Inventory: **26** Ton
Ohio Percent of Legal Load **105** (88) Waterway Adequacy **7**
Year of Rating: **2012** (89) Approach Alignment **7**
(84) Analysis: **LOAD FACTOR (LF)** Calc Gen Appraisal: **3**
(85) Rate Soft: **COMBINATION** Analyzed by: Calc Deck Geometry: **5**
Analysis on Bars: **NOT ON BARS [DEFAULT]** Calc Underclearance: **N**

Approach Information
(109) Approach Guardrail: **NONE**
(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**

General Information
(121) Main Member **ROLLED STEEL** (122) Moment Plate: **NONE**
(169) Expansion Joint: **SLIDING METAL PLATE ANGLE**
(124) Bearing Devices: **ROCKERS/NONE**
(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: **Y** Freq: **24** Date: **2012-06-18**
(138) Long Member: **TWO TRUSSES (RIVETED)** (135) Hinges: **PINS AND HANGERS**
(141) Structural Steel Memb: **UNKNOWN** (139) Framing: **NONE**
Railing: **UNKNOWN**
Paint: **OTHER**
Pay Wt: **0** pounds Prime Loc: **UNKNOWN**
Bridge Dedicated Name:

Unit of Measure: **English**
 Structure File Number **6840248**
 Sufficiency Rating: **29.9 SD**

Bridge Inventory Information
 Inventory Bridge Number: **PRE T0437 0090**
ON PRICES CREEK

Report Date **02/26/2013** BM-191 Page: 2 of 2
BR. Type STEEL/TRUSS/PONY (TRUSS)
 Date of Last Inventory Update: **11/14/2012**

General Information (Continued)				Original Plans Information			
(---) Hist Significance: NOT HISTORIC (---) Hist Builder: BROOKVILLE BRIDGE CO Hist Build Year: 1931 (69) Hist Type: WARREN (RIVETED) (161) Special Features (see below): (105) Border Bridge State: Resp % (106) SFN:		(69) NBIS: Y		(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: 2FIELD MEASURED INFORMATION (153) Repair Projects			
Proposed Improvements		Programming Info					
(90) Type Work: -		PID Number:		1. / 020			
(90) Length: Ft		PID Status:		2. / 020			
(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: 2033		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: U	(161) Lighting: N				
(I-32) Superstructure: 3	Transitions: 0 DOES NOT MEET CURRENT STANDARDS	Gas: U	Fencing: N				
(I-42) Substructure: 5	Guardrail: 0 DOES NOT MEET CURRENT STANDARDS	Sanitary Sewer: U	Glare-Screen: N				
(I-50) Culvert:	Rail Ends: 0 DOES NOT MEET CURRENT STANDARDS	Telephone: U	Splash-Guard: N				
(I-54) Channel: 6	In Depth: 1 MEETS CURRENT STANDARDS	TV Cable: U	Catwalks: N				
(I-60) Approaches: 5	Fracture Critical: 1 MEETS CURRENT STANDARDS	Water: U	Other-Feat: U				
(I-66) General Appraisal: 3	Scour Critical: N NONE N/A	Other: U	(184) Signs-on: Y				
(I-66) Operational Status: P	Critical Findings: N NONE N/A		Signs-Under: N				
Inspection Date: 06/18/2012	Insp. Update Date: 07/24/2012		(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:							
The bridge was copied from:				INV Field Bridge Marker: PRE-T0437-0090 -			
				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

6	8	4	0	2	4	8
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Bridge Number **PRE T0437 0090**
CO ROUTE UNIT

MONROE TWP

Date Built **07/01/1931**

1 Structure File Number 7

District **08** Bridge Type **STEEL/TRUSS/PONY (TRUSS)**

Type Service **1 15 PRICES CREEK**

PRE

DECK		Out/Out 20.0	3	THCK = 1.0		2
1. Floor	1-REINF CONCRT (PRESTRSD	8	3	2. Wearing Surface	6-BITUM (ASPHLT CONCRT)	41
		1-CONCRETE	3	W.S. Date =		
3. Curbs, Sidewalks, Walkways	1-CONCRETE	9	3	4. Median		42
5. Railing	0-OTHER	10	3	6. Drainage	3-SCUPPERS & DWNSPTS	43
7. Expansion Joints	2-SLIDING METAL PLATE AN	11	1	8. Summary		44
SUPERSTRUCTURE		MAX.SPAN=65	1			3
9. Alignment		12	1	10. Beams/Girders/Slab	1-ROLLED STEEL	45
		TOT.LGTH=75				3
11. Diaphragms or Crossframes		13		12. Joists/Stringers		46
13. Floor Beams		14	1	14. Floor Beam Connections		47
15. Verticals		15	1	16. Diagonals		48
17. End Posts		16	1	18. Top Chord		49
19. Lower Chord		17	1	20. Lower Lateral Bracing		50
21. Top Lateral Bracing		18		22. Sway Bracing		51
23. Portals		19		24. Bearing Devices	2-ROCKERS N-NONE	52
25. Arch		20		26. Arch Columns or Hangers		53
27. Spandrel Walls		21		28. Protective Coating System	TYPE = 0-OTHER DATE = 01/01/1991	54
29. Pins/Hangers/Hinges		22	1	30. Fatigue Prone Connections		55
31. Live Load Response		23	S	32. Summary		56
SUBSTRUCTURE		2-CONCRETE	2	PIERS=0 SPANS = 1		2
33. Abutments	2-CONCRETE	24	2	34. Abutment Seats		57
35. Piers	TYPE = N-NONE	25		36. Pier Seats		58
37. Backwalls		26	2	38. Wingwalls	ABUTMENT:=SPREAD / SPREAD	59
39. Fenders and Dolphins		27		40. Scour	7-COUNTERMEAS INSTALLED	60
41. Slope Protection	N-NONE	28		42. Summary		62
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				0-OTHER-GRASS, BUSHES & TREES		1
51. Alignment		33	2	52. Protection		67
53. Waterway Adequacy		34	2	54. Summary		68
APPROACHES						
55. Pavement	2-BITUMINOUS	35	2	56. Approach Slabs		69
57. Guardrail	N-NONE	36		58. Relief Joints		70
59. Embankment	BRDG.WIDTH=20.0	37	1	60. Summary		71
				PCT.LEGAL=105		
GENERAL				ROUTINE.RESP: 3-COUNTY		1
61. Navigation Lights		38		62. Warning Signs	MAINT.RESP: 3-COUNTY	72
63. Sign Supports	MVC ON=9999 UND=0000	39		64. Utilities		73
65. Vertical Clearance		40	N	66. General Appraisal & Operational Status		74
				COND STAT		3 P

67. INSPECTED BY

68. REVIEWED BY

SIGNED

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76 PE

R	S
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78 INITIALS

SIGNED

7	1	2	8	8
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81 PE

R	C
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83 INITIALS

DOT 2852

DECK AREA 1,496

Date

0	6	1	8	1	2
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86

91

Date

0	0	0	0	1	1	N	N
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92

69 Survey

99

Date

0	7	2	4	1	2
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100

105

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1 Structure File Number 7

Bridge Number **PRE T0437 0090**
CO ROUTE UNIT

Date Built 07/01/1931

District **08** Bridge Type **STEEL/TRUSS/PONY (TRUSS)**

Type Service **1 15**

PRICES CREEK

00 NO REMARKS FOUND FOR THIS INSPECTION.
