

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] 3.3 MI. EAST OF SR 65 40-58-42 = 40.978333 083-59-30 = - 83.991667

6932509 Highway agency district 1 Owner County Highway Agency [02] Maintenance responsibility County Highway Agency [02]

Route #Num! TOWNSHIP ROAD M-6 Toll On free road [3] Features intersected RILEY CREEK

Design - main Steel [3] Design - approach Other [00] Kilometerpoint 0 km = 0.0 mi

1 Truss - Thru [10] 0 Other [00] Year built #Num! Year reconstructed N/A [0000]

Skew angle 0 Structure Flared

Historical significance Bridge is eligible for the NRHP. [2]

Total length 26.2 m = 86.0 ft Length of maximum span 26.2 m = 86.0 ft Deck width, out-to-out 6.7 m = 22.0 ft Bridge roadway width, curb-to-curb 4.9 m = 16.1 ft

Inventory Route, Total Horizontal Clearance 4.9 m = 16.1 ft Curb or sidewalk width - left 0 m = 0.0 ft Curb or sidewalk width - right 0 m = 0.0 ft

Deck structure type Wood or Timber [8]

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 34 metric ton = 37.4 tons

Method to determine operating rating Load Factor(LF) [1] Operating rating 37.9 metric ton = 41.7 tons

Bridge posting Design Load

Functional Details

Average Daily Traffic	72	Average daily truck traffi	0	%	Year	1991	Future average daily traffic	100	Year	2034
Road classification	Local (Rural) [09]		Lanes on structure	1		Approach roadway width	6.7 m = 22.0 ft			
Type of service on bridge	Highway [1]		Direction of traffic	One lane bridge for 2 - way traffic [3]		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	Work to be done by contract [1]		
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	\$109,000	Roadway improvement cost	\$11,000
	Length of structure improvement	115.8 m = 379.9 ft	Total project cost	\$132,000
	Year of improvement cost estimate	2005		
	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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrective 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 in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]		
Appraisal ratings - water adequacy	Equal to present minimum criteria [6]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	45.5
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	Every two years [Y24]	Fracture critical inspection date	December 2012 [1212]
Other special inspection	Not needed [N]	Other special inspection date	

Structure File Number: 6932509

Inventory Bridge Number: PUT 000M6 05750 N

BR. Type: STEEL/TRUSS/PONY (TRUSS)

Sufficiency Rating: 061.5 SD

ROUTE CARRIED "ON" THE STRUCTURE RILEY CREEK

Date of Last Inventory Update:

District: 01	County: PUTNAM	(101) Location: 3.3 MI. EAST OF SR 65	(102) Facility Carried: TOWNSHIP ROAD M-6
(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: 1	Type: STEEL/TRUSS/PONY (TRUSS)
Route No: 000M6	Dir: NOT APPLICABLE	Des: MAINLINE	Pref: N
(4) Feature Intersected: RILEY CREEK		(64) Approach Spans Number: 0	Type: NONE/NONE/NONE
(5) County: RIL	Mileage: 05750	Special Desig: N	
(6) Avg. Daily Traffic(ADT): 72	(7) ADT Year: 1991	Total Spans: 1	(65) Max Span: 86 Ft
(8) Truck Traf: 4	(14) NHS: NON-NHS BRG E	(15) Corridor: N	(66) Overall Leng: 86 Ft
(16) Functional Class: RURAL - LOCAL	(19) Strahnt: NON-STRAHNET BRIDGES		
Intersected Route Data			
(22) Route On/Under:	Hwy Sys:	(70) Substructure	(71) Foundation and Scour Information
Route No: Dir:	Des: Pref:	Abut-Rear	Matl: CONCRETE
(23) Feature Intersected:		Type: SOLID WALL	Fnd: UNKNOWN
(24) County: Mileage: 0000	Special Desig:	Abut-Fwd	Matl: CONCRETE
(25) Avg. Daily Traffic(ADT):	(26) ADT Year:	Type: SOLID WALL	Fnd: UNKNOWN
(27) Truck Traf: (28) NHS: -	(29) Corridor: N	Pier-Pred	Matl: NONE
(30) Functional Class:	(36) Strahnt:	Type: NONE	Fnd: UNKNOWN
		Pier-Other	Matl: NONE
		Type: NONE	Fnd: UNKNOWN
		Pier-Other	Matl: NONE
		Type: NONE	Fnd: UNKNOWN
		No of Piers Predominate:	Other:
		(86) Stream Velocity: 00000	(74) Scour: SCOUR WITHIN LIMITS OF FOOTING OR PILES.
		(189) Dive: N Freq: 0	Probe: Y Freq: 0
		(189) Date of last Dive Insp:	(152) Drainage Area: UUU Sq Mi
		(75) Chan Prot: GABIONS (WIRE MESH BASKETS FILLE	
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		(88-89) Appraisal	
Opr Rat Fact: 1.170 LD: NOT USED		(Including calculated Items)	
Inv Rat Fact: 1.050 LD: NOT USED			
(83) Ohio Percent of Legal Load: 20		(88) Waterway Adequacy: 6	
Year of Rating: 2012		(89) Approach Alignment: 4	
(84) Analysis: COMBINATION OF METHODS		Calc Gen Appraisal: 5	
(85) Rate Soft: BARS		Calc Deck Geometry: 3	
Analysis on Bars: NOT ON BARS [DEFAULT]		Calc Underclearance: N	
PE#: 43709 DANIEL BUCHER			
Approach Information			
(109) Approach Guardrail: OTHER		(111) Grade: POOR	
(110) Approach Pavement: BITUMINOUS			
Culvert Information			
(131) Culvert Type: NOT A CULVERT OR RIGID FRAME		(127) Length: 0.0 Ft	
(129) Depth of Fill: 0.0 Ft		(130) Headwalls: NONE OR NOT APPLICABLE (NOT A CU	
General Information			
(121) Main Member: NOT APPLICABLE (CULVERTS, TRUSSES, ARCHE		(122) Moment Plate: NO MOMENT PLATES	
(169) Expansion Joint: NONE			
(124) Bearing Devices: SLIDING (BRONZE)			
(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: Y	Freq: 24	Date: 12/5/2014	
(138) Long Member: TWO TRUSSES (WELDED)		(135) Hinges: NOT APPLICABLE (STRUCTURES WITH NO	
(141) Structural Steel Memb: UNKNOWN		(139) Framing: NONE OR NOT APPLICABLE	
		Railing: U	
Pay Wt: 0 pounds	Prime Loc: UNKNOWN	Paint: OTHER PAINT	
Bridge Dedicated Name:			

Unit of Measure: **English**
 Structure File Number: 6932509
 Sufficiency Rating: 061.5 SD

Bridge Inventory Information
 Inventory Bridge Number: PUT 000M6 05750 N
ROUTE CARRIED "ON" THE STRUCTURE RILEY CREEK

Report Date: 02-10-2015 BM-191 Page: 2 of 2
BR. Type: STEEL/TRUSS/PONY (TRUSS)
 Date of Last Inventory Update:

General Information (Continued)				Original Plans Information			
(---) Hist Significance: ELIGIBLE FOR NATIONAL REGISTER (---) Hist Builder: DAVID H. MORRISON (69) Hist Type: BOWSTRING (161) Special Features (see below): (105) Border Bridge State: Resp: %(106) SFN:		(69) NBIS: Y Hist Build Year: 1871		(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: 1 PLAN INFORMATION AVAILABLE FOR LOAD RATI (153) Repair Projects: 1) / 020			
Proposed Improvements		Programming Info					
(90) Type Work: 31 - REPLACEMENT - LOAD/GEOMETRY		PID Number: PID Status: PID Date:					
(90) Length: 380.0 Ft							
(90) Bridge Cost (\$1000s): 109							
(90) Roadway Cost (\$1000s): 11							
(90) Total Project Cost (\$1000s): 132		(90) Year: 1979					
(91) Future ADT (On Bridge): 100		(92) Year of Future ADT: 2034					
Inspection Summary		(I-69) Survey Items		Utilities		Special Features	
(I-8) Deck:	5	Railings:	DOES NOT MEET ACCEPTABLE STANDARDS	(46) Electric:	N	(161) Lighting:	N
(I-32) Superstructure:	6	Transitions:	DOES NOT MEET ACCEPTABLE STANDARDS	Gas:	N	Fencing:	N
(I-42) Substructure:	5	Guardrail:	DOES NOT MEET ACCEPTABLE STANDARDS	Sanitary Sewer:	N	Glare-Screen:	N
(I-50) Culvert:	N	Rail Ends:	DOES NOT MEET ACCEPTABLE STANDARDS	Telephone:	N	Splash-Guard:	N
(I-54) Channel:	7	In Depth:		TV Cable:	N	Catwalks:	N
(I-60) Approaches:	5	Fracture Critical:		Water:	N	Other-Feat:	N
(I-66) General Appraisal:	5	Scour Critical:		Other:	N	(184) Signs-On:	Y
(I-66) Operational Status:	P	Critical Findings:				Signs-Under:	N
Inspection Date:	12/5/2014	Insp. Update Date:	12/5/2014			(162) Fence-Ht:	0.0
(94) Desig Insp Freq	12 Months					(163) Noise Barr:	N
SFNs Replacing this retired bridge: -							
SFNs That were replaced by this bridge: -							
This bridge was retired and copied to:				INV Field Bridge Marker: PUT - 000M6 - 0575 - N			
The bridge was copied from:				INT Field Bridge Marker: - - 0000 -			
(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%

