

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]	Gallia County [053]	Raccoon [65228]	50 FT E OF CREEKVIEW DR	38-51-32 = 38.858889	082-21-43 = - 82.361944
2742330	Highway agency district 10	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route #Num!	GARNERS FORD RD	Toll On free road [3]	Features intersected	RACCOON CREEK	
Design - main	Steel [3]	Design - approach	Steel continuous [4]	Kilometerpoint	0 km = 0.0 mi
1	Truss - Thru [10]	3	Stringer/Multi-beam or girder [02]	Year built	1965
				Year reconstructed	N/A [0000]
				Skew angle	0
				Structure Flared	
				Historical significance	Bridge is not eligible for the NRHP. [5]
Total length	55.5 m = 182.1 ft	Length of maximum span	41.8 m = 137.1 ft	Deck width, out-to-out	5 m = 16.4 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	Other [9]				
Type of wearing surface	Wood or Timber [7]				
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	16.2 metric ton = 17.8 tons
0.8 km = 0.5 mi	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	21.7 metric ton = 23.9 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

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

Condition ratings - superstructure

Poor [4]

Appraisal ratings -
roadway alignment

Equal to present minimum criteria [6]

Condition ratings - substructure

Satisfactory [6]

Appraisal ratings -
deck geometry

Basically intolerable requiring high priority of replacement [2]

Condition ratings - deck

Fair [5]

Scour

Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]

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

39.1

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

Every two years [Y24]

Fracture critical inspection date

February 2012 [0212]

Other special inspection

Not needed [N]

Other special inspection date

Structure File Number: 2742330

Inventory Bridge Number: GAL TO420 0 N

BR. Type: STEEL/TRUSS/THRU

Sufficiency Rating: 026.1 SD

ROUTE CARRIED "ON" THE STRUCTURE RACCOON CREEK

Date of Last Inventory Update:

District: 10	County: GALLIA	(101) Location: 50 FT E OF CREEKVIEW DR	(102) Facility Carried: GARNERS FORD RD
(2) FIPS Code: GAL-T-65228-RACCOON TWP		(103) Route On Bridge: TOWNSHIP	(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/THRU
Route No: TO420	Dir: NOT APPLICABLE	Des: MAINLINE	Pref: N
(4) Feature Intersected: RACCOON CREEK		Approach Spans Number: 3	Type: STEEL/BEAM/CONTINUOUS
(5) County: GAL	Mileage: 0	Special Desig: N	
(6) Avg. Daily Traffic(ADT): 150	(7) ADT Year: 1951	Total Spans: 4	(65) Max Span: 137 Ft
(8) Truck Traf: 8	(14) NHS: NON-NHS BRG E	(15) Corridor: N	(66) Overall Leng: 182 Ft
(16) Functional Class: RURAL - MINOR COLLECTOR	(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: STONE
(23) Feature Intersected:		Type: SOLID WALL	Fnd: UNKNOWN
(24) County: Mileage: 0000	Special Desig:	Abut-Fwd	Matl: STONE
(25) Avg. Daily Traffic(ADT):	(26) ADT Year:	Type: SOLID WALL	Fnd: UNKNOWN
(27) Truck Traf: (28) NHS: -	(29) Corridor: N	Pier-Pred	Matl: STONE
(30) Functional Class:	(36) Strahnt:	Type: OTHER	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: BRIDGE FOUNDATIONS DETERMINED TO BE STAB
		(189) Dive: N Freq: 0	Probe: N Freq: 0
		(189) Date of last Dive Insp:	(152) Drainage Area: UUU Sq Mi
		(75) Chan Prot: NONE	
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: H20		(88) Waterway Adequacy: 6	
Opr Rat Fact: 0.540 LD: HS20 LOADING		(89) Approach Alignment: 6	
Inv Rat Fact: 0.320 LD: HS20 LOADING		Calc Gen Appraisal: 3	
(83) Ohio Percent of Legal Load: 65		Calc Deck Geometry: 2	
Year of Rating: 2009		Calc Underclearance: N	
(84) Analysis: LOAD FACTOR RATING (LFR)			
(85) Rate Soft: IN-HOUSE PROGRAM/SPREADSHEET			
Analysis on Bars: NOT ON BARS [DEFAULT]			
PE#: 0			
Approach Information			
(109) Approach Guardrail: NONE		(111) Grade: POOR	
(110) Approach Pavement: GRAVEL			
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 (OTHER)			
(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: 1/14/2014	
(138) Long Member: TWO TRUSSES (RIVETED)		(135) Hinges: PINS & HANGERS	
(141) Structural Steel Memb: A36		(139) Framing: NONE OR NOT APPLICABLE	
		Railing: 0	
Pay Wt: 0 pounds	Prime Loc: COMBINAT	Paint: PAINT SYSTEM A	
Bridge Dedicated Name:			

Unit of Measure: **English**
 Structure File Number: 2742330
 Sufficiency Rating: 026.1 SD

Bridge Inventory Information

Inventory Bridge Number: GAL TO420 0 N

BR. Type: STEEL/TRUSS/THRU

ROUTE CARRIED "ON" THE STRUCTURE RACCOON CREEK

Date of Last Inventory Update:

General Information (Continued)				Original Plans Information			
(---) Hist Significance: NOT ELIGIBLE (---) Hist Builder: NONE N/A (69) Hist Type: (161) Special Features (see below): (105) Border Bridge State: Resp: %(106) SFN:		(69) NBIS: Y Hist Build Year:		(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: 0 NO PLANS OR INFORMATION AVAILABLE FOR LO (153) Repair Projects: 1) / 020			
Proposed Improvements		Programming Info					
(90) Type Work: -		PID Number: PID Status: PID Date:					
(90) Length: Ft							
(90) Bridge Cost (\$1000s):							
(90) Roadway Cost (\$1000s):							
(90) Total Project Cost (\$1000s):		(90) Year:					
(91) Future ADT (On Bridge): 208		(92) Year of Future ADT: 2034					
Inspection Summary		(I-69) Survey Items		Utilities		Special Features	
(I-8) Deck: 4	Railings: DOES NOT MEET ACCEPTABLE STANDARDS	(46) Electric: N	(161) Lighting: N	(I-32) Superstructure: 4	Transitions: DOES NOT MEET ACCEPTABLE STANDARDS	Gas: N	Fencing: N
(I-42) Substructure: 6	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: 4	Scour Critical	Other: N	(184) Signs-On: N	(I-66) Operational Status: P	Critical Findings:		Signs-Under: N
Inspection Date: 1/14/2014	Insp. Update Date: 1/14/2014		(162) Fence-Ht: 0.0	(94) Desig Insp Freq: 12 Months			(163) Noise Barr: N
SFNs Replacing this retired bridge: -				INV Field Bridge Marker: GAL - TO420 - 0000 - 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: 2742330

GAL
CO

TO420
Route

0
SLM

GAL-T-65228-RACCOON TWP

DATE BUILT 07/01/1965

District 10 STEEL/TRUSSTHRU

Type of Service 1 15 ^{EIBC} RACCOON CREEK

N
SD GAL

DECK

1. Floor	Out/Out 16.3 0-OTHER	3	2. Wearing Surface	THCK=0.0 7-TIMBER - NOT AN OVERLAY	3
3. Curbs, Sidewalks & Walkways	N-NONE N-NONE		4. Median	W.S. Date = 01/01/1991 N-NO MEDIAN	
5. Railing	6-STEEL POST AND STEEL PANEL (DECORATIVE)	2	6. Drainage	1-OVER THE SIDE (WITHOUT DRIP STRIP)	2
7. Expansion Joints	N-NONE		8. SUMMARY	Deck Area: 2,971	4

SUPERSTRUCTURE

9. Alignment of Members	MAX.SPAN.LENGTH = 137	1	10. Beams/Girders/Slab	N-NOT APPLICABLE (CULVERTS, TRUSSES, ARCHE	
11. Diaphragms or Cross Frames	TOT.LGTH = 182	2	12. Joist/Stringers		
13. Floorbeams		2	14. Floorbeam Connections		
15. Verticals		2	16. Diagonals		2
17. End posts			18. Upper Chord		2
19. Lower Chord		2	20. Gusset Plates		2
21. Lateral Bracing		2	22. Sway Bracing		2
23. Portals			24. Bearing Devices	A-SLIDING (OTHER) N-NONE	2
25. Arch			26. Arch Columns or Hangers		
27. Spandrel Walls			28. Protective Coating System (PCS)	TYPE: 3PAINT SYSTEM A DATE = 01/01/1984	2
29. Pins/Hangers/Hinges	ADT: 150 TRUCK: 8 YEAR: 1951	2	30. Fatigue Prone Detail (E & E')		
31. Live Load Response (E or S)		E	32. SUMMARY		4

SUBSTRUCTURE

33. Abutments	1-STONE 1-STONE	2	34. Abutment Seats	PIERS= # OF SPANS=4	2
35. Piers	TYPE = 1-STONE	2	36. Pier Seats		
37. Backwalls		2	38. Wingwalls	ABUTMENT:=UNKNOWN/UNKNOWN	
39. Fenders and Dolphins			40. Scour (Insp Type - 1, 2, 3)	8-BRIDGE FOUNDATIONS DETERMINED TO BE STAB	2
41. Slope Protection	N-NONE		42. SUMMARY	DIVE DT= N/A	6

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	N-NONE	
53. Hydraulic Opening		2	54. SUMMARY		7

APPROACHES

55. Pavement	4-GRAVEL	2	56. Approach Slabs		
57. Guardrail	N-NONE		58. Relief Joint		
59. Embankment	BRDG.WIDTH=16.0	2	60. SUMMARY	PCT.LEGAL= 65	5

GENERAL

61. Navigation Lights			62. Warning Signs	ROUTINE.RESP: 3-COUNTY AGENCY MAINT.RESP: 3-COUNTY AGENCY	2
63. Sign Supports	MVC ON=1502 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: 1/14/2014

62.689
PE Number

AM
Initial

0	0	0	0				
---	---	---	---	--	--	--	--

69. Survey (1, 0, N)

Print First & Last Name

62.689
PE Number

AM
Initial

Reviewed Date: 9/2/2014