

# 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]	Paulding County [125]	Crane [19176]	0.1 MI N OF JCT C230	41-14-48 = 41.246667	084-36-42 = - 84.611667
6334245	Highway agency district 1	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route #Num!		TOWNSHIP ROAD 99	Toll On free road [3]	Features intersected GORDON CREEK	
Design - main	Steel [3]	Design - approach		Kilometerpoint	0 km = 0.0 mi
1	Truss - Thru [10]	0	Other [00]	Year built #Num!	Year reconstructed 1986
				Skew angle 0	Structure Flared
				Historical significance Bridge is not eligible for the NRHP. [5]	
Total length	15.2 m = 49.9 ft	Length of maximum span	14.9 m = 48.9 ft	Deck width, out-to-out	5.6 m = 18.4 ft
Inventory Route, Total Horizontal Clearance	4.8 m = 15.7 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	Other [9]				
Deck protection					
Type of membrane/wearing surface					

## Weight Limits

Bypass, detour length	Method to determine inventory rating	No rating analysis performed [5]	Inventory rating	0 metric ton = 0.0 tons
0.3 km = 0.2 mi	Method to determine operating rating	No rating analysis performed [5]	Operating rating	0 metric ton = 0.0 tons
	Bridge posting		Design Load	

### Functional Details

Average Daily Traffic	30	Average daily truck traffi	0	%	Year	1975	Future average daily traffic	40	Year	2028
Road classification	Local (Rural) [09]			Lanes on structure	1		Approach roadway width	5.8 m = 19.0 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

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	<input type="text" value="Bridge closed to all traffic [K]"/>	Appraisal ratings - structural	<input type="text"/>
Condition ratings - superstructure	<input type="text" value="Imminent Failure [1]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>
Condition ratings - substructure	<input type="text" value="Serious [3]"/>	Appraisal ratings - deck geometry	<input type="text" value="Equal to present desirable criteria [8]"/>
Condition ratings - deck	<input type="text" value="Serious [3]"/>		
Scour	<input type="text" value="Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]"/>		
Channel and channel protection	<input type="text" value="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	<input type="text" value="Better than present minimum criteria [7]"/>	Status evaluation	<input type="text" value="Structurally deficient [1]"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="21.2"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - transitions	<input type="text"/>		
Traffic safety features - approach guardrail	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail ends	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Inspection date	<input type="text" value="December 2010 [1210]"/>	Designated inspection frequency	<input type="text" value="12"/> Months
Underwater inspection	<input type="text" value="Not needed [N]"/>	Underwater inspection date	<input type="text"/>
Fracture critical inspection	<input type="text" value="Not needed [N]"/>	Fracture critical inspection date	<input type="text"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>

Unit of Measure: English Structure File Number 6334245 Sufficiency Rating: 21.2 SD			Bridge Inventory Information Inventory Bridge Number:PAU 0099T 0062 ON GORDON CREEK			Report Date 09/05/2012 BM-191 Page: 1 of 2 BR. Type STEEL / TRUSS / THRU Date of Last Inventory Update: 05/31/2012		
District: 01 County PAULDING			(101) Location: 0.1 MI N OF JCT C230			(102) Facility Carried: TOWNSHIP ROAD 99		
(2)FIPS Code: CRANE TWP			(103) Route On Bridge: TOWNSHIP			(104) Route Under Bridge: NON-HIGHWAY		
(9) Direction of Traffic: ONE LANE FOR 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			(63) Main Spans Number: 1			Type: STEEL / TRUSS / THRU		
(3) Route On/Under: ON Hwy Sys: COUNTY/TOWNSHIP HIGHWAY			Approach Spans Number: 0			Type: NONE / NONE / NONE		
Route No.: 0099T Dir: Des: MAINLINE Pref:			Total Spans: 1			(65) Max Span: 49 Ft (66) Overall Leng: 50 Ft		
(4) Feature Intersected: GORDON CREEK			(70) Substructure			(71) Foundation and Scour Information		
(5) County: CRA Mileage: 0062 Special Desig:			Abut-Rear Matl: CONCRETE			Type: STUB GRAVITY Fnd: UNKNOWN (OR OLDER BRIDGE BEING ADDED)		
(6) Avg. Daily Traffic(ADT): 30 (7) ADT Year: 1975			Abut-Fwd Matl: CONCRETE			Type: STUB GRAVITY Fnd: UNKNOWN (OR OLDER BRIDGE BEING ADDED)		
(8) Truck Traf: 2 (14) NHS: NO - X (15) Corridor: N			Pier-Pred Matl: NONE			Type: NONE Fnd: UNKNOWN (OR OLDER BRIDGE BEING ADDED)		
(16) Functional Class: LOCAL ROAD-RURAL (19) Strahnt: Not Applicable			Pier-Other Matl: NONE			Type: NONE Fnd: UNKNOWN (OR OLDER BRIDGE BEING ADDED)		
Intersected Route Data			Pier-Other Matl: NONE			Type: NONE Fnd: UNKNOWN (OR OLDER BRIDGE BEING ADDED)		
(22) Route On/Under: Hwy Sys:			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 (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:			Clearance Under the Bridge					
(27) Truck Traf: 0 (28) NHS: - (29) Corridor:			(156) Min. Horiz Under Clear:			NC: 0.0 Ft Card: 0.0 Ft		
(30) Functional Class: (36) Strahnt: Not Applicable			(157) Prac Max Vrt Under Clear:			0.0 Ft		
Clearance On the Bridge			(77) Min Vert Under Clear:			NC: 0.0 Ft Card: 0.0 Ft		
(154) Min Hriz on Bridge: NC: 0.0 Ft Card: 15.7 Ft			(78) Min Lat Under Clear:			NC: 0.0 / 0.0 Ft Card: 0.0 / 0.0 Ft		
(155) Prac Max Vert On Brg: 9999.9 Ft			Load Rating Information (88-89) Appraisal					
(67) Min Vrt Clr On Brg: NC: 0.0 Ft Card: 9999.9 Ft			(48) Design Load: UNKNOWN [DEFAULT]			(Including calculated Items)		
(80) Min Latl Clr: NC: 0.0 / 0.0 Ft Card: 2.0 / 2.0 Ft			(83) Operating: 0 Ton					
(81) Vrt Clr Lft: 0.0 Ft			Inventory: 0 Ton					
Structure Information			Ohio Percent of Legal Load 0			(88) Waterway Adequacy 7		
(38) Bypass Length: 02 Miles			Year of Rating: 2002			(89) Approach Alignment 5		
(39) Latitude: 41 Deg 14.8 Min Longitude: 84 Deg 36.7 Min			(84) Analysis: ENGINEERING JUDGEMENT [DEFAULT]			Calc Gen Appraisal: 0		
(40) Toll: ON FREE ROAD			(85) Rate Soft: NO SOFTWARE USED Analyzed by:			Calc Deck Geometry: 8		
(41) Date Built: 07/01/1900 (42) Major Rehabilitation: 01/01/1986			Analysis on Bars: NOT ON BARS [DEFAULT]			Calc Underclearance: N		
(43) No. Lanes On: 1 No. Lanes Under: 0			Approach Information					
(44) Horiz Curve: Deg. Min. (45) Skew: 0 Deg			(109) Approach Guardrail: STEEL BEAM			(111) Grade: GOOD		
(49) App. Rdw Width: 19 Ft (50) Brg. Rdw Width: 15.8 Ft			(110) Approach Pavement: OTHER					
(51) Deck Width: 18.3 Ft Deck Area: 915 Sq. Ft			Culvert Information					
(52) Median Type: NONE / NON BARRIE / NO JOINT			(131) Culvert Type: NONE/NOT APPLICBLE			(127) Length: 0.0 Ft		
(53) Bridge Median: NO MEDIAN			(129) Depth of Fill: 0.0 Ft			(130) Headwalls: NONE		
(54) Sidewalks: (left) 0 Ft (right) 0 Ft			General Information					
(55) Type Curb or Sidewalks:			(121) Main Member N/A (CULVERTS, TRUSSES, ETC.)			(122) Moment Plate: NONE		
(Left) Matl: NONE Type: NONE			(169) Expansion Joint: NONE					
(Right) Matl: NONE Type: NONE			(124) Bearing Devices: OTHER/NONE					
(56) Flared: N (57) Composite:			(126) Navigation: Control- N			Vert Clr: 0.0 Ft		
(58) Railing: STL GUARDRL ON STL, CONCR, OR TMBR POSTS			(193) Spec Insp: N			Freq: 0		
(59) Deck Drainage: OVER THE SIDE (W/O DRIP STRIP)			(188) Fracture Critical Insp: N			Freq: 0		
(60) Deck Type: TIMBER PLANK			(138) Long Member: TWO TRUSSES (RIVETED)			(135) Hinges: NOT APPLICABLE		
(61) Deck Protection: External: NONE			(141) Structural Steel Memb: UNKNOWN			(139) Framing: NONE		
Internal: NONE						Railing: UNKNOWN		
(62) Wearing Surface: OTHER						Paint: OTHER		
Thickness: 0.0 in (119) Date of Wearing Surface: 01/01/1986			Pay Wt: 0 pounds			Prime Loc: UNKNOWN		
Slope Protection: NONE-NATURAL PROTECTION(GRASS,BUSHES)			Bridge Dedicated Name:					

Unit of Measure: **English**  
Structure File Number **6334245**  
Sufficiency Rating: **21.2 SD**

Bridge Inventory Information

Inventory Bridge Number:PAU 0099T 0062  
ON GORDON CREEK

Report Date 09/05/2012 BM-191 Page: 2 of 2  
BR. Type STEEL/TRUSS/THRU  
Date of Last Inventory Update: 05/31/2012

General Information (Continued)				Original Plans Information			
(---) Hist Significance: <b>NOT HISTORIC</b> (---) Hist Builder: <b>BELLEFONTAINE BRIDGE &amp; STEEL</b> Hist Build Year: <b>1895</b> <b>CO</b> (69) Hist Type: <b>PRATT (BEDSTEAD)</b> (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: <b>N</b> Repair: <b>N</b> Fabr: <b>N</b> Plan Information Available: <b>1PLAN INFORMATION AVAILABLE</b>			
Proposed Improvements		Programming Info		(153) Repair Projects			
(90) Type Work: -		PID Number:		1. / <b>020</b>		2. / <b>020</b>	
(90) Length: Ft		PID Status:		4. / <b>044</b>		3. / <b>MMM</b>	
(90) Bridge Cost (\$1000s): <b>0</b>		PID Date:		5.		6.	
(90) Roadway Cost (\$1000s): <b>0</b>				7.		8.	
(90) Total Project Cost (\$1000s): <b>0</b>		(90) Year:		10.		9.	
(91) Future ADT (On Bridge): <b>0</b>		(92) Year of Future ADT: <b>2028</b>					
Inspection Summary		(I-69) Survey Items		Utilities		Special Features	
(I-8) Deck: <b>3</b>	Railings: <b>1 MEETS CURRENT STANDARDS</b>			(46) Electric: <b>N</b>		(161) Lighting: <b>N</b>	
(I-32) Superstructure: <b>1</b>	Transitions: <b>0 DOES NOT MEET CURRENT STANDARDS</b>			Gas: <b>N</b>		Fencing: <b>N</b>	
(I-42) Substructure: <b>3</b>	Guardrail: <b>1 MEETS CURRENT STANDARDS</b>			Sanitary Sewer: <b>N</b>		Glare-Screen: <b>N</b>	
(I-50) Culvert:	Rail Ends: <b>1 MEETS CURRENT STANDARDS</b>			Telephone: <b>N</b>		Splash-Guard: <b>N</b>	
(I-54) Channel: <b>7</b>	In Depth: <b>N NONE N/A</b>			TV Cable: <b>N</b>		Catwalks: <b>N</b>	
(I-60) Approaches: <b>5</b>	Fracture Critical: <b>N NONE N/A</b>			Water: <b>N</b>		Other-Feat: <b>N</b>	
(I-66) General Appraisal: <b>1</b>	Scour Critical: <b>N NONE N/A</b>			Other: <b>N</b>		(184) Signs-on: <b>N</b>	
(I-66) Operational Status: <b>K</b>	Critical Findings: <b>N NONE N/A</b>					Signs-Under: <b>N</b>	
Inspection Date: <b>10/04/2011</b>	Insp. Update Date: <b>02/08/2012</b>					(162) Fence-Ht: <b>0.0 Ft</b>	
(94) Desig Insp Freq: <b>12 Months</b>						(163) Noise Barr: <b>N</b>	
SFNs Replacing this retired bridge: -							
SFNs That where replaced by this bridge: -							
This bridge was retired and copied to:				INV Field Bridge Marker: <b>PAU-0099T-0062 -</b>			
The bridge was copied from:				INT Field Bridge Marker: <b>---</b>			

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

3

3

4

2

4

5

1

Structure File Number

7

Bridge Number

PAU

0099T

0062

CO

ROUTE

UNIT

CRANE TWP

Date Built 07/01/1900 - 1986

District 01 Bridge Type STEEL/TRUSS/THRU

Type Service 1 15 GORDON CREEK

PAU

DECK		Out/Out 18.3		THCK = 0.0		
1. Floor	3-TIMBER PLANK	8	3	2. Wearing Surface	0-OTHER	41
3. Curbs, Sidewalks, Walkways		N-NONE	9	W.S. Date = 01/01/1986		
5. Railing		7-STL GUARDRL ON STL, CO	10	6. Drainage	1-OVER THE SIDE (W/O DRI	43
7. Expansion Joints		N-NONE	11	8. Summary		44
SUPERSTRUCTURE		MAX.SPAN=49				
9. Alignment		12	2	10. Beams/Girders/Slab	N-N/A (CULVERTS, TRUSSES	45
11. Diaphragms or Crossframes		TOT.LGTH=50	13	12. Joists/Stringers		46
13. Floor Beams			2	14. Floor Beam Connections		47
15. Verticals			3	16. Diagonals		48
17. End Posts			3	18. Top Chord		49
19. Lower Chord			3	20. Lower Lateral Bracing		50
21. Top Lateral Bracing				22. Sway Bracing		51
23. Portals				0-OTHER		
				24. Bearing Devices		N-NONE
25. Arch				26. Arch Columns or Hangers		53
27. Spandrel Walls				TYPE = 0-OTHER		
				28. Protective Coating System		DATE = 01/01/1980
29. Pins/Hangers/Hinges				30. Fatigue Prone Connections		55
31. Live Load Response			E	32. Summary		56
SUBSTRUCTURE		2-CONCRETE		PIERS=0		SPANS = 1
33. Abutments	2-CONCRETE	24	3	34. Abutment Seats		57
35. Piers		TYPE = N-NONE	25	36. Pier Seats		58
37. Backwalls				ABUTMENT:=UNKNOWN / UNKNOWN		59
39. Fenders and Dolphins				40. Scour		8-STABLE: EVAL SCOUR ABO
41. Slope Protection		N-NONE	28	42. Summary		DIVE DT=N/A
CULVERTS						
43. General				44. Alignment		63
45. Shape				46. Seams		64
47. Headwalls or Endwalls				48. Scour		65
49.				50. Summary		66
CHANNEL				0-OTHER-GRASS, BUSHES & TREES		
51. Alignment		33	2	52. Protection		67
53. Waterway Adequacy			1	54. Summary		68
APPROACHES						
55. Pavement	0-OTHER	35	2	56. Approach Slabs		69
57. Guardrail		1-STEEL BEAM	36	58. Relief Joints		70
59. Embankment		BRDG.WIDTH=15.8	37	60. Summary		PCT.LEGAL=0
GENERAL				ROUTINE.RESP: 3-COUNTY		
61. Navigation Lights		38		62. Warning Signs		MAINT.RESP: 3-COUNTY
63. Sign Supports		MVC ON=9999    UND=0000	39	64. Utilities		73
65. Vertical Clearance			N	66. General Appraisal & Operational Status		COND 1    STAT K

67. INSPECTED BY

68. REVIEWED BY

SIGNED

76 PE

C R M

78 INITIALS

SIGNED

81 PE

T R M

83 INITIALS

DOT 2852

DECK AREA 915

Date

86

91

92

69 Survey

99

Date

100

105

## STATE OF OHIO DEPARTMENT OF TRANSPORTATION BRIDGE INSPECTION REPORT

BR-86 REV 02-95

6	3	3	4	2	4	5
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Bridge Number	<b><u>PAU</u></b>	<b><u>0099T</u></b>	<b><u>0062</u></b>
	CO	ROUTE	UNIT

**Date Built 07/01/1900 - 1986**

District **01** Bridge Type **STEEL/TRUSS/THRU**

Type Service      **1**      **15**

**GORDON CREEK**

00 NO REMARKS FOUND FOR THIS INSPECTION.