

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]	Morrow County [117]	Gilead [30128]	.7 MI.E.INT.TR126 & TR127		40-32-30 = 40.541667	082-50-30 = - 82.841667
5930197	Highway agency district	6	Owner	County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]
Route	#Num!	TR127	Toll	On free road [3]	Features intersected	CLOSED
Design - main	Aluminum, Wrought Iron or Cast Iron [9]	Design - approach		Kilometerpoint	0 km = 0.0 mi	
1	Truss - Thru [10]	0	Other [00]	Year built	#Num!	Year reconstructed
				Skew angle	0	Structure Flared
				Historical significance	Bridge is eligible for the NRHP. [2]	
Total length	31.7 m = 104.0 ft		Length of maximum span	31.1 m = 102.0 ft		Deck width, out-to-out
						4.3 m = 14.1 ft
Inventory Route, Total Horizontal Clearance	4.3 m = 14.1 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	Wood or Timber [7]					
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  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

Bridge closed to all traffic [K]

Appraisal ratings -  
structural

Condition ratings - superstructure

Imminent Failure [1]

Appraisal ratings -  
roadway alignment

Condition ratings - substructure

Serious [3]

Appraisal ratings -  
deck geometry

Condition ratings - deck

Satisfactory [6]

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 desirable criteria [8]

Status evaluation

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

17.4

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 2010 [1110]

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

Basically intolerable requiring high priority of replacement [2]

STATE OF OHIO DEPARTMENT OF TRANSPORTATION  
BRIDGE INSPECTION REPORT

BR-86 REV 02-95

5 9 3 0 1 9 7  
1 Structure File Number 7

Bridge Number **MRW T0127 01280 13** GILEAD TWP  
CO ROUTE UNIT

Date Built **07/01/1900 - 1999**

District **06** Bridge Type **WROUGHT IRON/TRUSS/THRU**

Type Service **1 15 CLOSED**

**MRW**

<b>DECK</b>		Out/Out 14.1	1	THCK = 0.0	1
1. Floor	2-LAMINATED TIMBER STRIP	8	1	2. Wearing Surface	7-TIMBER 41
		N-NONE		W.S. Date =	
3. Curbs, Sidewalks, Walkways		N-NONE	9	4. Median	42
5. Railing		8-TIMBER	10	6. Drainage	1-OVER THE SIDE (W/O DRI) 43
7. Expansion Joints		N-NONE	11	<b>8. Summary</b>	44
<b>SUPERSTRUCTURE</b>		MAX.SPAN=102	3		
9. Alignment			12	10. Beams/Girders/Slab	N-N/A (CULVERTS, TRUSSES) 45
		TOT.LGTH=104			
11. Diaphragms or Crossframes			13	12. Joists/Stringers	46
			3		
13. Floor Beams			14	14. Floor Beam Connections	47
			4		
15. Verticals			15	16. Diagonals	48
			2		
17. End Posts			16	18. Top Chord	49
			2		
19. Lower Chord			17	20. Lower Lateral Bracing	50
21. Top Lateral Bracing			18	22. Sway Bracing	51
				A-SLIDING (OTHER)	
23. Portals			19	24. Bearing Devices	N-NONE 52
25. Arch			20	26. Arch Columns or Hangers	53
				TYPE = N-NONE	
27. Spandrel Walls			21	28. Protective Coating System	DATE = 54
29. Pins/Hangers/Hinges			22	30. Fatigue Prone Connections	55
			E		
31. Live Load Response			23	<b>32. Summary</b>	56
<b>SUBSTRUCTURE</b>		1-STONE	2	PIERS=0	SPANS = 1
33. Abutments		2-CONCRETE	24	34. Abutment Seats	57
35. Piers		TYPE = N-NONE	25	36. Pier Seats	58
			2	ABUTMENT:=UNKNOWN / UNKNOWN	
37. Backwalls			26	38. Wingwalls	59
39. Fenders and Dolphins			27	40. Scour	5-STABLE: SCOUR WITHIN L 60
41. Slope Protection		N-NONE	28	<b>42. Summary</b>	DIVE DT=N/A 62
<b>CULVERTS</b>					
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
<b>CHANNEL</b>					
51. Alignment			33	52. Protection	N-NONE 67
			1		
53. Waterway Adequacy			34	<b>54. Summary</b>	68
<b>APPROACHES</b>					
55. Pavement		2-BITUMINOUS	35	56. Approach Slabs	69
			4		
57. Guardrail		5-TIMBER RAIL	36	58. Relief Joints	70
			2		
59. Embankment		BRDG.WIDTH=14.1	37	<b>60. Summary</b>	PCT.LEGAL=0 71
<b>GENERAL</b>					
61. Navigation Lights			38	62. Warning Signs	ROUTINE.RESP: 3-COUNTY MAINT.RESP: 3-COUNTY 72
		MVC ON=9999 UND=0000			
63. Sign Supports			39	64. Utilities	73
			1		
65. Vertical Clearance			40	<b>66. General Appraisal &amp; Operational Status</b>	74
				COND 1 STAT K	

67. INSPECTED BY

68. REVIEWED BY

SIGNED

4 8 5 7 3  
76 PE

D H G  
78 INITIALS

SIGNED

4 5 8 5 8  
81 PE

L R B  
83 INITIALS

DOT 2852

DECK AREA 1,464

Date 1 2 2 9 1 1  
86 91

0 0 0 0 0 N N N  
92 69 Survey 99

Date 0 3 0 6 1 2  
100 105

STATE OF OHIO DEPARTMENT OF TRANSPORTATION  
**BRIDGE INSPECTION REPORT**

BR-86 REV 02-95

5	9	3	0	1	9	7
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1 Structure File Number 7

Bridge Number **MRW T0127 01280 13**  
CO ROUTE UNIT

**Date Built 07/01/1900 - 1999**

District **06** Bridge Type **WROUGHT IRON/TRUSS/THRU**

Type Service **1 15**

**CLOSED**

00 NO REMARKS FOUND FOR THIS INSPECTION.

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Unit of Measure: **English**  
Structure File Number **5930197**  
Sufficiency Rating: **17.4 SD**

**Bridge Inventory Information**  
Inventory Bridge Number: **MRW T0127 01280 13**  
**ON CLOSED**

Report Date **08/21/2012** **BM-191** Page: 1 of 2  
**BR. Type WROUGHT IRON / TRUSS / THRU**  
Date of Last Inventory Update: **03/13/2012**

District: **06** County **MORROW** (101) Location: **.7 MLE.INT.TR126 & TR127** (102) Facility Carried: **TR127**  
(2) FIPS Code: **GILEAD 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**  
(3) Route On/Under: **ON** Hwy Sys: **COUNTY/TOWNSHIP HIGHWAY**  
Route No.: **T0127** Dir: Des: **MAINLINE** Pref:  
(4) Feature Intersected: **CLOSED**  
(5) County: **GIL** Mileage: **01280** Special Desig: **13**  
(6) Avg. Daily Traffic(ADT): **150** (7) ADT Year: **1992**  
(8) Truck Traf: **0** (14) NHS: **NO - X** (15) Corridor: **N**  
(16) Functional Class: **LOCAL ROAD-RURAL** (19) Strahnt: **Not Applicable**

(63) Main Spans Number: 1 Type: **WROUGHT IRON / TRUSS / THRU**  
Approach Spans Number: **0** Type: **NONE / NONE / NONE**  
Total Spans: 1 (65) Max Span: **102 Ft** (66) Overall Leng: **104 Ft**

**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**

(70) Substructure (71) Foundation and Scour Information  
Abut-Rear Matl: **CONCRETE** Type: **GRAVITY** Fnd: **UNKNOWN (OR OLDER BRIDGE BEING ADDED)**  
Abut-Fwd Matl: **STONE** Type: **GRAVITY** Fnd: **UNKNOWN (OR OLDER BRIDGE BEING ADDED)**  
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: **NONE**  
(189) Date of last Dive Insp: (152) Drainage Area: **UUU Sq Mi**

**Clearance On the Bridge**  
(154) Min Hriz on Bridge: NC: **0.0 Ft** Card: **14.1 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**

**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**

**Structure Information**  
(38) Bypass Length: **02 Miles**  
(39) Latitude: **40 Deg 32.5 Min** Longitude: **82 Deg 50.5 Min**  
(40) Toll: **ON FREE ROAD**  
(41) Date Built: **07/01/1900** (42) Major Rehabilitation: **05/18/1999**  
(43) No. Lanes On: **1** No. Lanes Under: **0**  
(44) Horiz Curve: **Deg. Min.** (45) Skew: **0 Deg**  
(49) App. Rdw Width: **22 Ft** (50) Brg. Rdw Width: **14.1 Ft**  
(51) Deck Width: **14.1 Ft** Deck Area: **1464 Sq. Ft**

**Load Rating Information (88-89) Appraisal**  
(48) Design Load: **UNKNOWN [DEFAULT]** (Including calculated Items)  
(83) Operating: **0 Ton**  
Inventory: **0 Ton**  
Ohio Percent of Legal Load **0** (88) Waterway Adequacy **8**  
Year of Rating: **2005** (89) Approach Alignment **2**  
(84) Analysis: **ENGINEERING JUDGEMENT [DEFAULT]** Calc Gen Appraisal: **0**  
(85) Rate Soft: **NO SOFTWARE USED** Analyzed by: Calc Deck Geometry: **0**  
Analysis on Bars: **NOT ON BARS [DEFAULT]** Calc Underclearance: **N**

(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: **TIMBER**  
(59) Deck Drainage: **OVER THE SIDE (W/O DRIP STRIP)**  
(60) Deck Type: **LAMINATED TIMBER STRIP**  
(61) Deck Protection: External: **NONE**  
Internal: **NONE**  
(62) Wearing Surface: **TIMBER**  
Thickness: **0.0 in** (119) Date of Wearing Surface:  
Slope Protection: **NONE-NATURAL PROTECTION(GRASS,BUSHES)**

**Approach Information**  
(109) Approach Guardrail: **TIMBER RAIL**  
(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 **N/A (CULVERTS, TRUSSES, ETC.)** (122) Moment Plate: **NONE**  
(169) Expansion Joint: **NONE**  
(124) Bearing Devices: **SLIDING (OTHER)/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 TRUSSES (RIVETED)** (135) Hinges: **NOT APPLICABLE**  
(141) Structural Steel Memb: **WROUGHT IRON** (139) Framing: **NONE**  
Railing: **OTHER**  
Paint: **NONE**  
Pay Wt: **0 pounds** Prime Loc: **UNKNOWN**  
Bridge Dedicated Name:

Unit of Measure: **English**  
 Structure File Number **5930197**  
 Sufficiency Rating: **17.4 SD**

**Bridge Inventory Information**  
 Inventory Bridge Number: **MRW T0127 01280 13**  
**ON CLOSED**

Report Date **08/21/2012** **BM-191** Page: 2 of 2  
 BR. Type **WROUGHT IRON/TRUSS/THRU**  
 Date of Last Inventory Update: **03/13/2012**

General Information (Continued)				Original Plans Information			
(---) Hist Significance: <b>NON-REGISTERED HISTORIC BRIDGE</b>		(69) NBIS: <b>Y</b>		(142) Fabricator:			
(---) Hist Builder: <b>WROUGHT IRON BRIDGE CO</b>		Hist Build Year: <b>1879</b>		(143) Contractor:			
<b>(CANTON, OHIO)</b>				(144) Ohio Original Construction Project No.:			
(69) Hist Type: <b>BOWSTRING</b>				(-- ) Microfilm Reel:			
(161) Special Features (see below):				(151) Standard Drawing:			
(105) Border Bridge State: Resp % (106) SFN:				Aperture Cards: Orig: <b>N</b> Repair: <b>N</b> Fabr: <b>N</b>			
Proposed Improvements		Programming Info		Plan Information Available: <b>1PLAN INFORMATION AVAILABLE</b>			
(90) Type Work: -		PID Number:		(153) Repair Projects			
(90) Length: Ft		PID Status:					
(90) Bridge Cost (\$1000s): <b>0</b>		PID Date:					
(90) Roadway Cost (\$1000s): <b>0</b>				1. / <b>MMM</b>	2. / <b>004</b>	3.	
(90) Total Project Cost (\$1000s): <b>0</b>		(90) Year:		4.	5.	6.	
(91) Future ADT (On Bridge): <b>0</b>		(92) Year of Future ADT: <b>2033</b>		7.	8.	9.	
10.				(153) Repair Projects			
Inspection Summary		(I-69) Survey Items		Utilities		Special Features	
(I-8) Deck: <b>6</b>	Railings: <b>0 DOES NOT MEET CURRENT STANDARDS</b>	(46) Electric: <b>N</b>	Gas: <b>N</b>	(161) Lighting: <b>N</b>	Fencing: <b>N</b>		
(I-32) Superstructure: <b>1</b>	Transitions: <b>0 DOES NOT MEET CURRENT STANDARDS</b>	Sanitary Sewer: <b>N</b>	Telephone: <b>N</b>	Glare-Screen: <b>N</b>	Splash-Guard: <b>N</b>		
(I-42) Substructure: <b>3</b>	Guardrail: <b>0 DOES NOT MEET CURRENT STANDARDS</b>	TV Cable: <b>N</b>	Water: <b>N</b>	Catwalks: <b>N</b>	Other-Feat: <b>N</b>		
(I-50) Culvert: <b>7</b>	Rail Ends: <b>0 DOES NOT MEET CURRENT STANDARDS</b>	Other: <b>N</b>		Signs-on: <b>N</b>	Signs-Under: <b>N</b>		
(I-54) Channel: <b>7</b>	In Depth: <b>0 DOES NOT MEET CURRENT STANDARDS</b>			(184) Signs-on: <b>N</b>	(162) Fence-Ht: <b>0.0 Ft</b>		
(I-60) Approaches: <b>5</b>	Fracture Critical: <b>N NONE N/A</b>			(163) Noise Barr: <b>N</b>			
(I-66) General Appraisal: <b>1</b>	Scour Critical: <b>N NONE N/A</b>						
(I-66) Operational Status: <b>K</b>	Critical Findings: <b>N NONE N/A</b>						
Inspection Date: <b>12/29/2011</b>	Insp. Update Date: <b>03/13/2012</b>						
(94) Desig Insp Freq: <b>12 Months</b>							
SFNs Replacing this retired bridge: -		-		INV Field Bridge Marker: <b>MRW-T0127-01280-13</b>			
SFNs That where replaced by this bridge: -		-		INT Field Bridge Marker: <b>---</b>			
This bridge was retired and copied to:							
The bridge was copied from:							

**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%