

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] Canaan [11248] .20 MILES N.OF INT. CR59 40-38-00 = 40.633333 082-56-36 = - 82.943333

5930839 Highway agency district 6 Owner County Highway Agency [02] Maintenance responsibility County Highway Agency [02]

Route #Num! TR62 Toll On free road [3] Features intersected FLAT RUN

Design - main Aluminum, Wrought Iron or Cast Iron [9] Design - approach Other [00] Kilometerpoint 0 km = 0.0 mi

1 Truss - Thru [10] 0 Other [00] Year built 1883 Year reconstructed N/A [0000]

Skew angle 0 Structure Flared

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

Total length 18.6 m = 61.0 ft Length of maximum span 18 m = 59.1 ft Deck width, out-to-out 4.4 m = 14.4 ft Bridge roadway width, curb-to-curb 3.8 m = 12.5 ft

Inventory Route, Total Horizontal Clearance 3.8 m = 12.5 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 No rating analysis performed [5] Inventory rating 0 metric ton = 0.0 tons

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

Poor [4]

Appraisal ratings -
deck geometry

Condition ratings - deck

Serious [3]

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

18.5

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

October 2010 [1010]

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

Unit of Measure: **English**
Structure File Number **5930839**
Sufficiency Rating: **18.5 SD**

Bridge Inventory Information
Inventory Bridge Number: **MRW T0062 01222 19**
ON FLAT RUN

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: **.20 MILES N.OF INT. CR59** (102) Facility Carried: **TR62**
(2) FIPS Code: **CANAAN 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** (63) Main Spans Number: 1 Type: **WROUGHT IRON / TRUSS / THRU**
Route No.: **T0062** Dir: Des: **MAINLINE** Pref: Approach Spans Number: **0** Type: **NONE / NONE / NONE**
Total Spans: 1 (65) Max Span: **59** Ft (66) Overall Leng: **61** Ft

(4) Feature Intersected: **FLAT RUN** (70) Substructure (71) Foundation and Scour Information
(5) County: **CAN** Mileage: **01222** Special Desig: **19** Abut-Rear Matl: **STONE** Type: **GRAVITY** Fnd: **UNKNOWN (OR OLDER BRIDGE BEING ADDED)**
(6) Avg. Daily Traffic(ADT): **100** (7) ADT Year: **1992** Abut-Fwd Matl: **STONE** Type: **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: **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: **STABLE: SCOUR WITHIN LIMITS OF FOOT/PILE**
(23) Feature Intersected: (189) Dive: **N Freq: 0** Probe: **Y Freq: 12** (75) Chan Prot: **NONE**
(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 On the Bridge
(154) Min Hriz on Bridge: NC: **0.0** Ft Card: **12.4** 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

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 **6**
Year of Rating: **2007** (89) Approach Alignment **7**
(84) Analysis: **ENGINEERING JUDGEMENT [DEFAULT]** Calc Gen Appraisal: **0**
(85) Rate Soft: **NO SOFTWARE USED** Analyzed by: Calc Deck Geometry: **4**
Analysis on Bars: **NOT ON BARS [DEFAULT]** Calc Underclearance: **N**

Approach Information
(109) Approach Guardrail: **TIMBER RAIL**
(110) Approach Pavement: **BITUMINOUS** (111) Grade: **CRITICAL**

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:

(62) Wearing Surface: **BITUM (ASPHLT CONCRT)**
Thickness: **1.2** in (119) Date of Wearing Surface:
Slope Protection: **NONE-NATURAL PROTECTION(GRASS,BUSHES)**

Unit of Measure: **English**
 Structure File Number **5930839**
 Sufficiency Rating: **18.5 SD**

Bridge Inventory Information
 Inventory Bridge Number: **MRW T0062 01222 19**
ON FLAT RUN

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: NON-REGISTERED HISTORIC BRIDGE		(69) NBIS: Y		(142) Fabricator: MASS.BRIDGE CO			
(---) Hist Builder: MASSILLON BRIDGE COMPANY		Hist Build Year: 1883		(143) Contractor: MASS.BRIDGE CO			
(69) Hist Type: PRATT (PINNED)				(144) Ohio Original Construction Project No.: 0000PC			
(161) Special Features (see below):				(---) Microfilm Reel:			
(105) Border Bridge State: Resp % (106) SFN:				(151) Standard Drawing:			
Proposed Improvements		Programming Info		Aperture Cards: Orig: N Repair: N Fabr: N			
(90) Type Work: -		PID Number:		Plan Information Available: 1PLAN INFORMATION AVAILABLE			
(90) Length: Ft		PID Status:		(153) Repair Projects			
(90) Bridge Cost (\$1000s): 0		PID Date:		1.	2.	3.	
(90) Roadway Cost (\$1000s): 0				4.	5.	6.	
(90) Total Project Cost (\$1000s): 0		(90) Year:		7.	8.	9.	
(91) Future ADT (On Bridge): 0		(92) Year of Future ADT: 2033		10.			
Inspection Summary		(I-69) Survey Items		Utilities		Special Features	
(I-8) Deck: 3	Railings: 0 DOES NOT MEET CURRENT STANDARDS	(46) Electric: N		(161) Lighting: N			
(I-32) Superstructure: 1	Transitions: 0 DOES NOT MEET CURRENT STANDARDS	Gas: N		Fencing: N			
(I-42) Substructure: 4	Guardrail: 0 DOES NOT MEET CURRENT STANDARDS	Sanitary Sewer: N		Glare-Screen: N			
(I-50) Culvert: 1	Rail Ends: 0 DOES NOT MEET CURRENT STANDARDS	Telephone: N		Splash-Guard: N			
(I-54) Channel: 7	In Depth: 0 DOES NOT MEET CURRENT STANDARDS	TV Cable: N		Catwalks: N			
(I-60) Approaches: 3	Fracture Critical: 1 MEETS CURRENT STANDARDS	Water: N		Other-Feat: N			
(I-66) General Appraisal: 1	Scour Critical: 1 MEETS CURRENT STANDARDS	Other: N		(184) Signs-on: N			
(I-66) Operational Status: K	Critical Findings: 1 MEETS CURRENT STANDARDS			Signs-Under: N			
Inspection Date: 12/28/2011	Insp. Update Date: 03/13/2012			(162) Fence-Ht: 0.0 Ft			
(94) Desig Insp Freq: 12 Months				(163) Noise Barr: N			
SFNs Replacing this retired bridge: -				INV Field Bridge Marker: MRW-T0062-01222-19			
SFNs That where replaced by this bridge: -				INT Field Bridge Marker: ---			
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%

STATE OF OHIO DEPARTMENT OF TRANSPORTATION
BRIDGE INSPECTION REPORT

BR-86 REV 02-95

5 9 3 0 8 3 9
1 Structure File Number 7

Bridge Number **MRW T0062 01222 19** CANAAN TWP
CO ROUTE UNIT

Date Built **07/01/1883**

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

Type Service **1 15 FLAT RUN**

MRW

DECK		Out/Out 14.4	4	THCK = 1.2		3
1. Floor	2-LAMINATED TIMBER STRIP	8	4	2. Wearing Surface	6-BITUM (ASPHLT CONCRT)	41
		N-NONE		W.S. Date =		
3. Curbs, Sidewalks, Walkways		N-NONE	9	4. Median		42
5. Railing	6-STEEL POST & STEEL PAN	10	2	6. Drainage	1-OVER THE SIDE (W/O DRI	43
7. Expansion Joints		N-NONE	11	8. Summary		44
SUPERSTRUCTURE		MAX.SPAN=59	2			
9. Alignment			12	10. Beams/Girders/Slab	N-N/A (CULVERTS, TRUSSES	45
		TOT.LGTH=61				
11. Diaphragms or Crossframes			13	12. Joists/Stringers		46
13. Floor Beams			14	14. Floor Beam Connections		47
15. Verticals			15	16. Diagonals		48
17. End Posts			16	18. Top Chord		49
19. Lower Chord			17	20. Lower Lateral Bracing		50
21. Top Lateral Bracing			18	22. Sway Bracing		51
23. Portals			19	24. Bearing Devices	A-SLIDING (OTHER) N-NONE	52
25. Arch			20	26. Arch Columns or Hangers		53
27. Spandrel Walls			21	28. Protective Coating System	TYPE = N-NONE DATE =	54
29. Pins/Hangers/Hinges			22	30. Fatigue Prone Connections		55
31. Live Load Response			23	32. Summary		56
SUBSTRUCTURE		1-STONE	2	PIERS=0 SPANS = 1		3
33. Abutments		1-STONE	24	34. Abutment Seats		57
35. Piers		TYPE = N-NONE	25	36. Pier Seats		58
37. Backwalls			26	38. Wingwalls	ABUTMENT:=UNKNOWN / UNKNOWN	59
39. Fenders and Dolphins			27	40. Scour	5-STABLE: SCOUR WITHIN L	60
41. Slope Protection		N-NONE	28	42. Summary		62
CULVERTS				DIVE DT=N/A		4
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				N-NONE		
51. Alignment			33	52. Protection		67
53. Waterway Adequacy			34	54. Summary		68
APPROACHES						
55. Pavement	2-BITUMINOUS	35	2	56. Approach Slabs		69
57. Guardrail	5-TIMBER RAIL	36	4	58. Relief Joints		70
59. Embankment	BRDG.WIDTH=12.4	37	4	60. Summary		71
GENERAL				PCT.LEGAL=0		3
61. Navigation Lights			38	ROUTINE.RESP: 3-COUNTY		3
63. Sign Supports	MVC ON=9999 UND=0000	39		62. Warning Signs	MAINT.RESP: 3-COUNTY	72
65. Vertical Clearance		N	40	64. Utilities		73
				66. General Appraisal & Operational Status		74
67. INSPECTED BY				68. REVIEWED BY		

SIGNED

4 5 8 5 8
76 PE

L R B
78 INITIALS

SIGNED

4 5 8 5 8
81 PE

L R B
83 INITIALS

DOT 2852

DECK AREA 883

Date 1 2 2 8 1 1
86 91

0 0 0 0 0 1 1 1
92 69 Survey 99

Date 0 1 1 6 1 2
100 105

STATE OF OHIO DEPARTMENT OF TRANSPORTATION
BRIDGE INSPECTION REPORT

BR-86 REV 02-95

5	9	3	0	8	3	9
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1 Structure File Number 7

Bridge Number **MRW T0062 01222 19**
CO ROUTE UNIT

Date Built 07/01/1883

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

Type Service **1 15**

FLAT RUN

00 NO REMARKS FOUND FOR THIS INSPECTION.
