

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] Crawford County [033] Dallas [19932] 0.1 MI. E. OF CR 1 40-44-48 = 40.746667 083-05-30 = - 83.091667

1738208 Highway agency district 3 Owner County Highway Agency [02] Maintenance responsibility County Highway Agency [02]

Route #Num! CALDWELL ROAD Toll On free road [3] Features intersected SANDUSKY RIVER (CLOSED)

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 not eligible for the NRHP. [5]

Total length 34.8 m = 114.2 ft Length of maximum span 34.4 m = 112.9 ft Deck width, out-to-out 4.9 m = 16.1 ft Bridge roadway width, curb-to-curb 4.8 m = 15.7 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 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

Appraisal ratings -  
roadway alignment

Condition ratings - substructure

Satisfactory [6]

Appraisal ratings -  
deck geometry

Condition ratings - deck

Poor [4]

Scour

Bridge foundations determined to be stable for assessed or calculated scour conditions; field review indicates action is required. [4]

Channel and channel protection

Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly. [6]

Appraisal ratings - water adequacy

Somewhat better than minimum adequacy to tolerate being left in place as is [5]

Status evaluation

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

19.3

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 1999 [1299]

Designated inspection frequency

12

Months

Underwater inspection

Not needed [N]

Underwater inspection date

Fracture critical inspection

Every year [Y12]

Fracture critical inspection date

November 1995 [1195]

Other special inspection

Not needed [N]

Other special inspection date

Unit of Measure: **English**  
Structure File Number **1738208**  
Sufficiency Rating: **19.2 SD**

**Bridge Inventory Information**  
Inventory Bridge Number: **CRA T0033**  
**ON SANDUSKY RIVER (CLOSED)**

Report Date **06/08/2011** BM-191 Page: 1 of 2  
BR. Type **STEEL / TRUSS / THRU**  
Date of Last Inventory Update: **08/23/2010**

District: **03** County **CRAWFORD** (101) Location: **0.1 MI. E. OF CR 1** (102) Facility Carried: **CALDWELL ROAD**  
(2) FIPS Code: **DALLAS 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: **STEEL / TRUSS / THRU**  
Route No.: **T0033** Dir: Des: **MAINLINE** Pref: Approach Spans Number: 0 Type: **NONE / NONE / NONE**  
Total Spans: 1 (65) Max Span: **113 Ft** (66) Overall Leng: **114 Ft**

(4) Feature Intersected: **SANDUSKY RIVER (CLOSED)** (70) Substructure (71) Foundation and Scour Information  
(5) County: **DAL** Mileage: Special Desig: Abut-Rear Matl: **STONE** Type: **GRAVITY** Fnd: **SPREAD FOOTING**  
(6) Avg. Daily Traffic(ADT): **10** (7) ADT Year: **1988** Abut-Fwd Matl: **STONE** Type: **GRAVITY** Fnd: **SPREAD FOOTING**  
(8) Truck Traf: **3** (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: ACTION REQUIRED TO PROTECT FND**  
(23) Feature Intersected: (189) Dive: **N Freq: 0** Probe: **Y Freq: 12** (75) Chan Prot: **RIP RAP (DUMPED ROCK OR ROCK)**  
(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 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**

**Clearance On the Bridge**  
(154) Min Hriz on Bridge: NC: **0.0 Ft** Card: **15.8 Ft**  
(155) Prac Max Vert On Brg: **17.0 Ft**  
(67) Min Vrt Clr On Brg: NC: **0.0 Ft** Card: **17.0 Ft**  
(80) Min Latl Clr: NC: **0.0 / 0.0 Ft** Card: **0.0 / 0.0 Ft**  
(81) Vrt Clr Lft: **0.0 Ft**

**Structure Information**  
(38) Bypass Length: **03 Miles**  
(39) Latitude: **40 Deg 44.8 Min** Longitude: **83 Deg 5.5 Min**  
(40) Toll: **ON FREE ROAD**  
(41) Date Built: **07/01/1900** (42) Major Rehabilitation:  
(43) No. Lanes On: **1** No. Lanes Under: **0**  
(44) Horiz Curve: **Deg. Min.** (45) Skew: **0 Deg**  
(49) App. Rdw Width: **20 Ft** (50) Brg. Rdw Width: **15.8 Ft**  
(51) Deck Width: **16.0 Ft** Deck Area: **1830 Sq. Ft**  
(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: **OTHER**  
(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: **BITUM (ASPHLT CONCRT)**  
Thickness: **1.2 in** (119) Date of Wearing Surface:  
Slope Protection: **NONE-NATURAL PROTECTION(GRASS,BUSHES)**

**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 **5**  
Year of Rating: **1988** (89) Approach Alignment **2**  
(84) Analysis: **ENGINEERING JUDGEMENT [DEFAULT]** Calc Gen Appraisal: **0**  
(85) Rate Soft: **NO SOFTWARE USED** Analyzed by: Calc Deck Geometry: **8**  
Analysis on Bars: **NOT ON BARS [DEFAULT]** Calc Underclearance: **N**

**Approach Information**  
(109) Approach Guardrail: **NONE**  
(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: **ROLLERS/FIXED**  
(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: **12** Date: **2009-11-17**  
(138) Long Member: **TWO TRUSSES (RIVETED)** (135) Hinges: **NOT APPLICABLE**  
(141) Structural Steel Memb: **UNKNOWN** (139) Framing: **NONE**  
Railing: **UNKNOWN**  
Paint: **OTHER**  
Pay Wt: **0 pounds** Prime Loc: **UNKNOWN**  
Bridge Dedicated Name:

Unit of Measure: **English**  
 Structure File Number **1738208**  
 Sufficiency Rating: **19.2 SD**

**Bridge Inventory Information**  
 Inventory Bridge Number: **CRA T0033**  
**ON SANDUSKY RIVER (CLOSED)**

Report Date **06/08/2011** **BM-191** Page: 2 of 2  
**BR. Type STEEL/TRUSS/THRU**  
 Date of Last Inventory Update: **08/23/2010**

General Information (Continued)	Original Plans Information
---------------------------------	----------------------------

(---) Hist Significance: **NON-REGISTERED HISTORIC BRIDGE** (69) NBIS: Y  
 (---) Hist Builder: **VARIETY IRON WORKS** Hist Build Year: **1890**  
**(CLEVELAND, OH)**  
 (69) Hist Type: **PRATT (PINNED)**  
 (161) Special Features (see below):  
 (105) Border Bridge State: Resp % (106) SFN:

(142) Fabricator: **VARIETY IRON**  
 (143) Contractor:  
 (144) Ohio Original Construction Project No.:  
 (---) Microfilm Reel:  
 (151) Standard Drawing:  
 Aperture Cards: Orig: **N** Repair: **N** Fabr: **N**  
 Plan Information Available: **1PLAN INFORMATION AVAILABLE**

Proposed Improvements	Programming Info
-----------------------	------------------

(90) Type Work: -  
 (90) Length: Ft  
 (90) Bridge Cost (\$1000s): **0**  
 (90) Roadway Cost (\$1000s): **0**  
 (90) Total Project Cost (\$1000s): **0** (90) Year:  
 (91) Future ADT (On Bridge): **0** (92) Year of Future ADT: **2027**

PID Number:  
 PID Status:  
 PID Date:  
 1. / **020** 2. 3.  
 4. 5. 6.  
 7. 8. 9.  
 10.

Inspection Summary	(I-69) Survey Items
--------------------	---------------------

(I-8) Deck: <b>4</b>	Railings: <b>0 DOES NOT MEET CURRENT STANDARDS</b>
(I-32) Superstructure: <b>0</b>	Transitions: <b>0 DOES NOT MEET CURRENT STANDARDS</b>
(I-42) Substructure: <b>1</b>	Guardrail: <b>0 DOES NOT MEET CURRENT STANDARDS</b>
(I-50) Culvert:	Rail Ends: <b>0 DOES NOT MEET CURRENT STANDARDS</b>
(I-54) Channel: <b>6</b>	In Depth:
(I-60) Approaches: <b>4</b>	Fracture Critical:
(I-66) General Appraisal: <b>0</b>	Scour Critical:
(I-66) Operational Status: <b>K</b>	Critical Findings:
Inspection Date: <b>11/16/2010</b>	Insp. Update Date: <b>01/18/2011</b>
(94) Desig Insp Freq: <b>12 Months</b>	

Utilities	Special Features
-----------	------------------

(46) Electric: <b>U</b>	(161) Lighting: <b>N</b>
Gas: <b>U</b>	Fencing: <b>N</b>
Sanitary Sewer: <b>U</b>	Glare-Screen: <b>N</b>
Telephone: <b>U</b>	Splash-Guard: <b>N</b>
TV Cable: <b>U</b>	Catwalks: <b>N</b>
Water: <b>U</b>	Other-Feat: <b>U</b>
Other: <b>U</b>	(184) Signs-on: <b>N</b>
	Signs-Under: <b>N</b>
	(162) Fence-Ht: <b>0.0 Ft</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:  
 The bridge was copied from:

INV Field Bridge Marker: **CRA-T0033- -**  
 INT Field Bridge Marker: **---**

**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

1	7	3	8	2	0	8
---	---	---	---	---	---	---

Bridge Number **CRA T0033**  
CO ROUTE UNIT

DALLAS TWP

Date Built **07/01/1900**

District **03** Bridge Type **STEEL/TRUSS/THRU**

Type Service **1 15 SANDUSKY RIVER (CLOSED)**

**CRA**

<b>DECK</b>		Out/Out 16.0	3	THCK = 1.2		4
1. Floor	2-LAMINATED TIMBER STRIP	8		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		0-OTHER	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=113	3			
9. Alignment			12	10. Beams/Girders/Slab	N-N/A (CULVERTS, TRUSSES	45
		TOT.LGTH=114				
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	1-ROLLERS B-FIXED	52
25. Arch			20	26. Arch Columns or Hangers		53
27. Spandrel Walls			21	28. Protective Coating System	TYPE = 0-OTHER DATE = 01/01/1900	54
29. Pins/Hangers/Hinges			22	30. Fatigue Prone Connections		55
31. Live Load Response			23	<b>32. Summary</b>		56
<b>SUBSTRUCTURE</b>		1-STONE	3	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:=SPREAD / SPREAD	59
39. Fenders and Dolphins			27	40. Scour	4-STABLE: ACTION REQUIRE	60
41. Slope Protection		N-NONE	28	<b>42. Summary</b>		62
<b>CULVERTS</b>				5-RIP RAP (DUMPED ROCK OR ROCK)		2
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		67
53. Waterway Adequacy			34	<b>54. Summary</b>		68
<b>APPROACHES</b>						
55. Pavement		2-BITUMINOUS	35	56. Approach Slabs		69
57. Guardrail		N-NONE	36	58. Relief Joints		70
59. Embankment		BRDG.WIDTH=15.8	37	<b>60. Summary</b>		71
<b>GENERAL</b>				ROUTINE.RESP: 3-COUNTY		1
61. Navigation Lights			38	62. Warning Signs	MAINT.RESP: 3-COUNTY	72
63. Sign Supports		MVC ON=17.0 UND=0000	39	64. Utilities		73
65. Vertical Clearance			40	<b>66. General Appraisal &amp; Operational Status</b>		74

67. INSPECTED BY

68. REVIEWED BY

SIGNED

--	--	--	--	--	--

76 PE

J	A	L
---	---	---

78 INITIALS

SIGNED

	6	6	6	8	5
--	---	---	---	---	---

81 PE

M	E	B
---	---	---

83 INITIALS

DOT 2852

DECK AREA 1,830

Date

1	1	1	6	1	0
---	---	---	---	---	---

86

91

Date

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

92

69 Survey

99

Date

1	1	2	2	1	0
---	---	---	---	---	---

100

105

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

BR-86 REV 02-95

1	7	3	8	2	0	8
---	---	---	---	---	---	---

1 Structure File Number 7

Bridge Number **CRA T0033**  
CO ROUTE UNIT

**Date Built 07/01/1900**

District **03** Bridge Type **STEEL/TRUSS/THRU**

Type Service **1 15**

**SANDUSKY RIVER (CLOSED)**

00 NO REMARKS FOUND FOR THIS INSPECTION.

---