

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] Marion County [101] Salt Rock [70240] .1 E OF JCT CR 083 40-42-12 = 40.703333 083-14-48 = - 83.246667

5131472 Highway agency district 6 Owner County Highway Agency [02] Maintenance responsibility County Highway Agency [02]

Route #Num! TOWNSHIP ROAD 068C Toll On free road [3] Features intersected BR OVER LITTLE SANDUSKY

Design - main Steel [3] Design - approach Other [00] Kilometerpoint 0 km = 0.0 mi Year built #Num! Year reconstructed 1992

1 Other [00] 0 Other [00] Skew angle 0 Structure Flared Historical significance Bridge is not eligible for the NRHP. [5]

Total length 22.3 m = 73.2 ft Length of maximum span 21.3 m = 69.9 ft Deck width, out-to-out 4.9 m = 16.1 ft Bridge roadway width, curb-to-curb 4.7 m = 15.4 ft

Inventory Route, Total Horizontal Clearance 4.7 m = 15.4 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 0.3 km = 0.2 mi Method to determine inventory rating No rating analysis performed [5] Inventory rating 8.1 metric ton = 8.9 tons

Method to determine operating rating No rating analysis performed [5] Operating rating 10.7 metric ton = 11.8 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	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Better than present minimum criteria [7]
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 minimum criteria [6]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	37
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - transitions	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends	Inspected feature meets currently acceptable standards. [1]		
Inspection date	August 2010 [0810]	Designated inspection frequency	12 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	August 2010 [0810]
Other special inspection	Not needed [N]	Other special inspection date	

STATE OF OHIO DEPARTMENT OF TRANSPORTATION  
BRIDGE INSPECTION REPORT

BR-86 REV 02-95

5	1	3	1	4	7	2
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Bridge Number **MAR T068C 0276**  
CO ROUTE UNIT

SALT ROCK TWP

Date Built **07/01/1900 - 1992**

District **06** Bridge Type **STEEL/TRUSS/PONY (TRUSS)**

Type Service **1 15 BR OVER LITTLE SANDUSKY**

**MAR**

<b>DECK</b>		Out/Out 16.1	2	THCK = 3.0		2
1. Floor	2-LAMINATED TIMBER STRIP	8	2	2. Wearing Surface	6-BITUM (ASPHLT CONCRT)	41
		N-NONE		W.S. Date = 01/01/1992		
3. Curbs, Sidewalks, Walkways		N-NONE	9	4. Median		42
5. Railing	6-STEEL POST & STEEL PAN	10	1	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=70	1			
9. Alignment			12	10. Beams/Girders/Slab	N-N/A (CULVERTS, TRUSSES	45
		TOT.LGTH=73				
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 = 0-OTHER DATE = 01/01/1974	54
29. Pins/Hangers/Hinges			22	30. Fatigue Prone Connections		55
31. Live Load Response			23	<b>32. Summary</b>		56
<b>SUBSTRUCTURE</b>		2-CONCRETE	2	PIERS=0 SPANS = 1		
33. Abutments	2-CONCRETE	24	2	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	5-STABLE: SCOUR WITHIN L	60
41. Slope Protection	N-NONE	28		<b>42. Summary</b>		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>				N-NONE		
51. Alignment		33	1	52. Protection		67
53. Waterway Adequacy		34	2	<b>54. Summary</b>		68
<b>APPROACHES</b>						
55. Pavement	2-BITUMINOUS	35	2	56. Approach Slabs		69
57. Guardrail	0-OTHER	36	1	58. Relief Joints		70
59. Embankment	BRDG.WIDTH=15.3	37	2	<b>60. Summary</b>		71
<b>GENERAL</b>				ROUTINE.RESP: 3-COUNTY		2
61. Navigation Lights		38		62. Warning Signs	MAINT.RESP: 3-COUNTY	72
63. Sign Supports	MVC ON=9999 UND=0000	39		64. Utilities		73
65. Vertical Clearance		40	N	<b>66. General Appraisal &amp; Operational Status</b>		74

67. INSPECTED BY

68. REVIEWED BY

SIGNED

7 4 7 0 5  
76 PE

B J D  
78 INITIALS

SIGNED

5 6 3 7 8  
81 PE

B I  
83 INITIALS

DOT 2852

DECK AREA 1,173

Date 0 9 0 6 1 1  
86 91

1 1 1 1 N 1 N N  
92 69 Survey 99

Date 0 9 0 7 1 1  
100 105

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

BR-86 REV 02-95

5	1	3	1	4	7	2
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1 Structure File Number 7

Bridge Number **MAR T068C 0276**  
CO ROUTE UNIT

**Date Built 07/01/1900 - 1992**

District **06** Bridge Type **STEEL/TRUSS/PONY (TRUSS)**

Type Service **1 15**

**BR OVER LITTLE SANDUSKY**

00 NO REMARKS FOUND FOR THIS INSPECTION.

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Unit of Measure: **English**  
Structure File Number **5131472**  
Sufficiency Rating: **31.0 fo**

**Bridge Inventory Information**  
Inventory Bridge Number: **MAR T068C 0276**  
**ON BR OVER LITTLE SANDUSKY**

Report Date **08/21/2012** BM-191 Page: 1 of 2  
**BR. Type STEEL / TRUSS / PONY (TRUSS)**  
Date of Last Inventory Update: **10/25/2011**

District: **06** County **MARION** (101) Location: **.1 E OF JCT CR 083** (102) Facility Carried: **TOWNSHIP ROAD 068C**  
(2) FIPS Code: **SALT ROCK 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 / PONY (TRUSS)**  
Route No.: **T068C** Dir: Des: **MAINLINE** Pref: Approach Spans Number: 0 Type: **NONE / NONE / NONE**  
Total Spans: 1 (65) Max Span: **70 Ft** (66) Overall Leng: **73 Ft**

(4) Feature Intersected: **BR OVER LITTLE SANDUSKY** (70) Substructure (71) Foundation and Scour Information  
(5) County: **MAR** Mileage: **0276** Special Desig: Abut-Rear Matl: **CONCRETE** Type: **SOLID WALL** Fnd: **SPREAD FOOTING**  
(6) Avg. Daily Traffic(ADT): **40** (7) ADT Year: **1990** Abut-Fwd Matl: **CONCRETE** Type: **SOLID WALL** Fnd: **SPREAD FOOTING**  
(8) Truck Traf: **0** (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 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: **15.3 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**

**Structure Information**  
(38) Bypass Length: **02 Miles**  
(39) Latitude: **40 Deg 42.2 Min** Longitude: **83 Deg 14.8 Min**  
(40) Toll: **ON FREE ROAD**  
(41) Date Built: **07/01/1900** (42) Major Rehabilitation: **01/01/1992**  
(43) No. Lanes On: **1** No. Lanes Under: **0**  
(44) Horiz Curve: **00 Deg. D00M Min.** (45) Skew: **0 Deg**  
(49) App. Rdw Width: **16 Ft** (50) Brg. Rdw Width: **15.3 Ft**  
(51) Deck Width: **16.1 Ft** Deck Area: **1173 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**

**Load Rating Information** (88-89) Appraisal  
(48) Design Load: **UNKNOWN [DEFAULT]** (Including calculated Items)  
(83) Operating: **12 Ton**  
Inventory: **9 Ton**  
Ohio Percent of Legal Load **45** (88) Waterway Adequacy **6**  
Year of Rating: **2011** (89) Approach Alignment **6**  
(84) Analysis: **WORKING STRESS (WS)** Calc Gen Appraisal: **3**  
(85) Rate Soft: **BARS Analyzed by: DGB** Calc Deck Geometry: **7**  
Analysis on Bars: **NOT ON BARS [DEFAULT]** Calc Underclearance: **N**

**Approach Information**  
(109) Approach Guardrail: **OTHER**  
(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: **Y** Freq: **12** Date: **2011-09-06**  
(138) Long Member: **TWO TRUSSES (RIVETED)** (135) Hinges: **NOT APPLICABLE**  
(141) Structural Steel Memb: **A36** (139) Framing: **NONE**  
Railing: **UNKNOWN**  
Paint: **OTHER**  
Pay Wt: **0 pounds** Prime Loc: **SHOP**  
Bridge Dedicated Name:

Unit of Measure: **English**  
 Structure File Number **5131472**  
 Sufficiency Rating: **31.0 fo**

**Bridge Inventory Information**  
 Inventory Bridge Number: **MAR T068C 0276**  
**ON BR OVER LITTLE SANDUSKY**

Report Date **08/21/2012** BM-191 Page: 2 of 2  
**BR. Type STEEL/TRUSS/PONY (TRUSS)**  
 Date of Last Inventory Update: **10/25/2011**

General Information (Continued)				Original Plans Information			
(---) Hist Significance: <b>NONE N/A</b>		(69) NBIS: <b>Y</b>		(142) Fabricator:			
(---) Hist Builder: <b>UNKNOWN</b>		Hist Build Year: <b>1900</b>		(143) Contractor:			
(69) Hist Type: <b>PRATT PONY</b>				(144) Ohio Original Construction Project No.:			
(161) Special Features (see below):				(---) Microfilm Reel:			
(105) Border Bridge State: Resp % (106) SFN:				(151) Standard Drawing:			
Proposed Improvements		Programming Info		Aperture Cards: Orig: <b>N</b> Repair: <b>N</b> Fabr: <b>N</b>			
(90) Type Work: -		PID Number:		Plan Information Available: <b>1PLAN INFORMATION AVAILABLE</b>			
(90) Length: Ft		PID Status:		(153) Repair Projects			
(90) Bridge Cost (\$1000s): <b>0</b>		PID Date:		1. / <b>020</b>		2. / <b>020</b>	
(90) Roadway Cost (\$1000s): <b>0</b>				4. / <b>044</b>		5.	
(90) Total Project Cost (\$1000s): <b>0</b>		(90) Year:		7.		8.	
(91) Future ADT (On Bridge): <b>0</b>		(92) Year of Future ADT: <b>2033</b>		10.		9.	
Inspection Summary		(I-69) Survey Items		Utilities		Special Features	
(I-8) Deck: <b>6</b>	Railings: <b>1 MEETS CURRENT STANDARDS</b>	(46) Electric: <b>U</b>	(161) Lighting: <b>N</b>	(I-32) Superstructure: <b>5</b>	Transitions: <b>1 MEETS CURRENT STANDARDS</b>	Gas: <b>U</b>	Fencing: <b>N</b>
(I-42) Substructure: <b>7</b>	Guardrail: <b>1 MEETS CURRENT STANDARDS</b>	Sanitary Sewer: <b>U</b>	Glare-Screen: <b>N</b>	(I-50) Culvert: <b>7</b>	Rail Ends: <b>1 MEETS CURRENT STANDARDS</b>	Telephone: <b>U</b>	Glare-Screen: <b>N</b>
(I-54) Channel: <b>7</b>	In Depth: <b>N NONE N/A</b>	TV Cable: <b>U</b>	Splash-Guard: <b>N</b>	(I-60) Approaches: <b>7</b>	Fracture Critical: <b>1 MEETS CURRENT STANDARDS</b>	Water: <b>U</b>	Splash-Guard: <b>N</b>
(I-66) General Appraisal: <b>5</b>	Scour Critical: <b>N NONE N/A</b>	Other: <b>U</b>	Catwalks: <b>N</b>	(I-66) Operational Status: <b>P</b>	Scour Critical: <b>N NONE N/A</b>	(184) Signs-on: <b>N</b>	Catwalks: <b>N</b>
Inspection Date: <b>09/06/2011</b>	Critical Findings: <b>N NONE N/A</b>	(162) Fence-Ht: <b>0.0 Ft</b>	Other-Feat: <b>U</b>	(94) Desig Insp Freq: <b>12 Months</b>	Insp. Update Date: <b>10/03/2011</b>	(163) Noise Barr: <b>N</b>	Other-Feat: <b>U</b>
SFNs Replacing this retired bridge: -		INV Field Bridge Marker: <b>MAR-T068C-0028 -</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%