

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] Seneca County [147] Pleasant [63394] .18 MI E OF SR 53 41-12-24 = 41.206667 083-09-48 = - 83.163333

7444060 Highway agency district 2 Owner County Highway Agency [02] Maintenance responsibility County Highway Agency [02]

Route #Num! PLE TR 143 Toll On free road [3] Features intersected SANDUSKY RIVER PL

Design - main Steel [3] Design - approach Other [00] Kilometerpoint 0 km = 0.0 mi

1 Truss - Thru [10] 0 Other [00] Year built 1914 Year reconstructed 1984

Skew angle 15 Structure Flared

Historical significance Bridge is not eligible for the NRHP. [5]

Total length 62.2 m = 204.1 ft Length of maximum span 60.4 m = 198.2 ft Deck width, out-to-out 6.1 m = 20.0 ft Bridge roadway width, curb-to-curb 4.9 m = 16.1 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 Wood or Timber [7]

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 M 18 / H 20 [4]

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

Poor [4]

Appraisal ratings -
roadway alignment

Equal to present minimum criteria [6]

Condition ratings - substructure

Imminent Failure [1]

Appraisal ratings -
deck geometry

Condition ratings - deck

Good [7]

Scour

Bridge foundations determined to be stable for assessed or calculated scour condition. [5]

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

Equal to present desirable criteria [8]

Status evaluation

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

21.7

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

August 2010 [0810]

Designated inspection frequency

12

Months

Underwater inspection

Not needed [N]

Underwater inspection date

Fracture critical inspection

Every two years [Y24]

Fracture critical inspection date

June 2007 [0607]

Other special inspection

Not needed [N]

Other special inspection date

Unit of Measure: **English**
Structure File Number **7444060**
Sufficiency Rating: **N/A ??**

Bridge Inventory Information
Inventory Bridge Number: **SEN T0143 0018**
ON SANDUSKY RIVER "CLOSED"

Report Date **01/08/2014** BM-191 Page: 1 of 2
BR. Type STEEL / TRUSS / THRU
Date of Last Inventory Update: **09/26/2012**

District: **02** County **SENECA** (101) Location: **.18 MI E OF SR 53** (102) Facility Carried: **PLE TR 143**
(2) FIPS Code: **PLEASANT TWP** (103) Route On Bridge: **NON-HIGHWAY** (104) Route Under Bridge: **NON-HIGHWAY**
(9) Direction of Traffic: **HIGHWAY TRAFFIC NOT CARRIED** (10) Temporary: **N** (11) Truck Network: **N** (12) Parallel: **N**
(95) Insp: **COUNTY** (96) Maint: **COUNTY** (97) Routine: **COUNTY** (100) Type Serv: (On): **PEDESTRIAN AND/OR BI** (Under): **WATERWAY**

Inventory Route Data
(3) Route On/Under: **ON** Hwy Sys: **NON-HIGHWAY RELATED**
Route No.: **T0143** Dir: Des: **OTHER** Pref:
(4) Feature Intersected: **SANDUSKY RIVER "CLOSED"**
(5) County: **PLE** Mileage: **0018** Special Desig:
(6) Avg. Daily Traffic(ADT): **0** (7) ADT Year: **0**
(8) Truck Traf: **0** (14) NHS: **NO - X** (15) Corridor: **N**
(16) Functional Class: **PARK OR PUBLIC RESERVATION** (19) Strahnt: **Not Applicable**

(63) Main Spans Number: **1** Type: **STEEL / TRUSS / THRU**
Approach Spans Number: **0** Type: **NONE / NONE / NONE**
Total Spans: **1** (65) Max Span: **198 Ft** (66) Overall Leng: **204 Ft**
(70) Substructure (71) Foundation and Scour Information
Abut-Rear Matl: **CONCRETE AND STONE** Type: **GRAVITY** Fnd: **NONE/NOT APPLICABLE (SUCH AS CULVERTS)**
Abut-Fwd Matl: **CONCRETE AND STONE** Type: **GRAVITY** Fnd: **NONE/NOT APPLICABLE (SUCH AS CULVERTS)**
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: **OTHER-GRASS, BUSHES & TREES**
(189) Date of last Dive Insp: (152) Drainage Area: **UUU Sq Mi**

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**

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 Hrizz on Bridge: NC: **0.0 Ft** Card: **15.9 Ft**
(155) Prac Max Vert On Brg: **10.1 Ft**
(67) Min Vrt Clr On Brg: NC: **10.1 Ft** Card: **10.1 Ft**
(80) Min Latl Clr: NC: **0.0 / 0.0 Ft** Card: **0.0 / 0.0 Ft**
(81) Vrt Clr Lft: **0.0 Ft**

Load Rating Information (88-89) Appraisal
(48) Design Load: **PEDESTRIAN** (Including calculated items)
(83) Operating: **0 Ton**
Inventory: **0 Ton**
Ohio Percent of Legal Load **0** (88) Waterway Adequacy **8**
Year of Rating: **2008** (89) Approach Alignment **6**
(84) Analysis: **N/A (RR BRIDGES, PEDESTRIAN, BUILDINGS)** Calc Gen Appraisal: **0**
(85) Rate Soft: **NO SOFTWARE USED** Analyzed by: Calc Deck Geometry: *****
Analysis on Bars: **NOT ON BARS [DEFAULT]** Calc Underclearance: **N**

Structure Information
(38) Bypass Length: **00 Miles**
(39) Latitude: **41 Deg 12.4 Min** Longitude: **83 Deg 9.8 Min**
(40) Toll: **NONE/NOT APPLICABLE**
(41) Date Built: **07/01/1914** (42) Major Rehabilitation: **01/01/1984**
(43) No. Lanes On: **0** No. Lanes Under: **0**
(44) Horiz Curve: **Deg. Min.** (45) Skew: **15 Deg**
(49) App. Rdw Width: **22 Ft** (50) Brg. Rdw Width: **15.9 Ft**
(51) Deck Width: **19.9 Ft** Deck Area: **4058 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: **TIMBER**
Thickness: **0.0 in** (119) Date of Wearing Surface: **01/01/1984**

Approach Information
(109) Approach Guardrail: **NOT APPLICABLE**
(110) Approach Pavement: **NONE/NOT APPLICABLE** (111) Grade: **NONE/NOT APPLICABLE**

Culvert Information
(131) Culvert Type: **NONE/NOT APPLICABLE** (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: **SLIDING METAL PLATE ANGLE**
(124) Bearing Devices: **ROLLERS/NONE**
(126) Navigation: **Control- X** 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 (WELDED)** (135) Hinges: **NOT APPLICABLE**
(141) Structural Steel Memb: **UNKNOWN** (139) Framing: **NONE**
Railing: **UNKNOWN**
Paint: **OTHER**
Pay Wt: **0 pounds** Prime Loc: **UNKNOWN**

STATE OF OHIO DEPARTMENT OF TRANSPORTATION
BRIDGE INSPECTION REPORT

BR-86 REV 02-95

7 4 4 4 0 6 0
1 Structure File Number 7

Bridge Number **SEN T0143 0018**
CO ROUTE UNIT

PLEASANT TWP

Date Built **07/01/1914 - 1984**

District **02** Bridge Type **STEEL/TRUSS/THRU**

Type Service **1 35 SANDUSKY RIVER "CLOSED"**

SEN

DECK		Out/Out 19.9	1	THCK = 0.0
1. Floor	2-LAMINATED TIMBER STRIP	8	2. Wearing Surface	7-TIMBER 41
		N-NONE	W.S. Date = 01/01/1984	
3. Curbs, Sidewalks, Walkways		N-NONE 9	4. Median	42
		0-OTHER 10	3	6. Drainage
5. Railing			1-OVER THE SIDE (W/O DRI	43
		2-SLIDING METAL PLATE AN	4	8. Summary
7. Expansion Joints		11	44	7
SUPERSTRUCTURE		MAX.SPAN=198	2	
9. Alignment		12	10. Beams/Girders/Slab	N-N/A (CULVERTS, TRUSSES 45
		TOT.LGTH=204		
11. Diaphragms or Crossframes		13	12. Joists/Stringers	46
			3	
13. Floor Beams		14	14. Floor Beam Connections	47
			2	
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
			3	
21. Top Lateral Bracing		18	22. Sway Bracing	51
			1	
23. Portals		19	24. Bearing Devices	1-ROLLERS N-NONE 52
			3	
25. Arch		20	26. Arch Columns or Hangers	53
27. Spandrel Walls		21	28. Protective Coating System	TYPE = 0-OTHER DATE = 01/01/1984 54
			2	
29. Pins/Hangers/Hinges		22	30. Fatigue Prone Connections	55
			2	
31. Live Load Response		23	S	32. Summary
			4	56
SUBSTRUCTURE		3-CONCRETE AND STONE	3	PIERS=0 SPANS = 1
33. Abutments		3-CONCRETE AND STONE 24	34. Abutment Seats	57
35. Piers		TYPE = N-NONE 25	36. Pier Seats	58
			4	
37. Backwalls		26	38. Wingwalls	ABUTMENT:=NONE/NO / NONE/NO 59
			3	
39. Fenders and Dolphins		27	40. Scour	5-STABLE: SCOUR WITHIN L 60
			2	1
41. Slope Protection		N-NONE 28	42. Summary	DIVE DT=N/A 62
			1	
CULVERTS				
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				
51. Alignment		33	52. Protection	0-OTHER-GRASS, BUSHES & TREES 67
			1	
53. Waterway Adequacy		34	54. Summary	68
			6	
APPROACHES				
55. Pavement		N-NONE/NOT APPLICABLE 35	56. Approach Slabs	69
57. Guardrail		X-NOT APPLICABLE 36	58. Relief Joints	70
59. Embankment		BRDG.WIDTH=15.9 37	60. Summary	PCT.LEGAL=0 71
			2	7
GENERAL				
61. Navigation Lights		38	62. Warning Signs	ROUTINE.RESP: 3-COUNTY MAINT.RESP: 3-COUNTY 72
			1	
63. Sign Supports		MVC ON=10.1 UND=0000 39	64. Utilities	73
65. Vertical Clearance		40	66. General Appraisal & Operational Status	74
			1	COND 1 STAT K

67. INSPECTED BY

68. REVIEWED BY

SIGNED

6 8 0 5 0
76 PE

T R W
78 INITIALS

SIGNED

6 8 7 3 0
81 PE

M R Z
83 INITIALS

DOT 2852

DECK AREA 4,058

Date 0 3 2 6 1 3
86 91

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

Date 0 3 2 6 1 3
100 105

STATE OF OHIO DEPARTMENT OF TRANSPORTATION
BRIDGE INSPECTION REPORT

BR-86 REV 02-95

7	4	4	4	0	6	0
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1 Structure File Number 7

Bridge Number **SEN T0143 0018**
CO ROUTE UNIT

Date Built 07/01/1914 - 1984

District **02** Bridge Type **STEEL/TRUSS/THRU**

Type Service **1 3 5**

SANDUSKY RIVER "CLOSED"

00 NO REMARKS FOUND FOR THIS INSPECTION.
