

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.
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Basic Information

Ohio [39]	Sandusky County [143]	Clyde [16308]	NO DATA	41-18-05.51 = 41.301531	082-59-01.96 = -82.983878
7260296	Highway agency district 2	Owner City or Municipal Highway Agency [04]	Maintenance responsibility City or Municipal Highway Agency [04]		
Route #Num!	NO DATA	Toll On free road [3]	Features intersected RACOON CREEK		
Design - main Concrete [1]	Design - approach	Kilometerpoint 0 km = 0.0 mi	Year built 1930	Year reconstructed N/A [0000]	
1	Arch - Deck [11]	0 Other [00]	Skew angle 14	Structure Flared	
		Historical significance	Bridge is not eligible for the NRHP. [5]		
Total length 15.9 m = 52.2 ft	Length of maximum span 6.4 m = 21.0 ft	Deck width, out-to-out 9.4 m = 30.8 ft	Bridge roadway width, curb-to-curb 5.9 m = 19.4 ft		
Inventory Route, Total Horizontal Clearance 5.9 m = 19.4 ft	Curb or sidewalk width - left 1.2 m = 3.9 ft	Curb or sidewalk width - right 1.2 m = 3.9 ft			
Deck structure type	Not applicable [N]				
Type of wearing surface	Bituminous [6]				
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 0.2 km = 0.1 mi	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	32.4 metric ton = 35.6 tons
	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	40.5 metric ton = 44.6 tons
Bridge posting	Equal to or above legal loads [5]	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	Open, no restriction [A]	Appraisal ratings - structural	Equal to present minimum criteria [6]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - deck	Satisfactory [6]		
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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	80
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	Not applicable or a safety feature is not required. [N]		
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	July 2013 [0713]	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	

Structure File Number: 7260296

Inventory Bridge Number: SAN MAPLE 01200 N

BR. Type: CONCRETE/ARCH/FILLED

Sufficiency Rating: 080.0 fo

ROUTE CARRIED "ON" THE STRUCTURE RACON CREEK

Date of Last Inventory Update:

District: 02	County: SANDUSKY	(101) Location: 0.1 MI. E. OF RACE ST.	(102) Facility Carried: WEST MAPLE ST
(2) FIPS Code: SAN-M-16308-CLYDE		(103) Route On Bridge: MUNICIPAL	(104) Route Under Bridge: NON HIGHWAY TRAFFIC ON BRIDGE
(9) Direction of Traffic: 2-WAY TRAFFIC	(10) Temporary:	(11) Truck Network: N	(12) Parallel: N
		(100) Type Serv: (On): HIGHWAY-PEDESTRIAN	(Under): WATERWAY
Inventory Route Data			
(3) Route On/Under: ROUTE CARRIED "ON" THE STR	Hwy Sys: MUNICIPAL STREET (I.E. VILL	(63) Main Spans Number: 1	Type: CONCRETE/ARCH/FILLED
Route No: MAPLE	Dir: NOT APPLICABLE	Approach Spans Number: 0	Type: NONE/NONE/NONE
Des: MAINLINE	Pref: N	Total Spans: 1	(65) Max Span: 21 Ft
(4) Feature Intersected: RACON CREEK		(70) Substructure	(71) Foundation and Scour Information
(5) County: SAN	Mileage: 01200	Abut-Rear	Matl: CONCRETE
(6) Avg. Daily Traffic(ADT): 250	(7) ADT Year: 1951	Type: GRAVITY	Fnd: SPREAD FOOTING
(8) Truck Traf: 0	(14) NHS: NON-NHS BRIDG	Abut-Fwd	Matl: CONCRETE
(15) Corridor: N	(16) Functional Class: URBAN - COLLECTOR	Pier-Pred	Matl: NONE
(19) Strahnt: NOT STRAHNET		Type: NONE	Fnd: NONE (SUCH AS MOST CULVERTS)
		Pier-Other	Matl: NONE
		Type: NONE	Fnd: NONE (SUCH AS MOST CULVERTS)
		Pier-Other	Matl: NONE
		Type: NONE	Fnd: NONE (SUCH AS MOST CULVERTS)
Intersected Route Data			
(22) Route On/Under:	Hwy Sys:	No of Piers Predominate:	Other:
Route No:	Dir:	Des:	Pref:
(23) Feature Intersected:		(86) Stream Velocity: 00000	(74) Scour: SCOUR WITHIN LIMITS OF FOOTING OR PILES.
(24) County:	Mileage: 0000	(189) Dive: N Freq: 0	Probe: Y Freq: 0
(25) Avg. Daily Traffic(ADT):	(26) ADT Year:	(189) Date of last Dive Insp:	(152) Drainage Area: UUU Sq Mi
(27) Truck Traf:	(28) NHS: -	(29) Corridor: N	
(30) Functional Class:	(36) Strahnt:		
Clearance On the Bridge			
(154) Min. Hriz on Bridge:	NC: 0.0	Card: 19.5 Ft	
(155) Prac Max Vert On Brq:	9999.9 Ft		
(67) Min Vrt Clr On Brq:	NC: 0.0	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: 01 Miles			
(39) Latitude: 41 Deg 18 Min 05.57 Sec	Longitude: 82 Deg 59 Min 01.88 Sec		
(40) Toll: ON FREE ROAD, THE STRUCTU			
(41) Date Built: 7/1/1930	(42) Major Rehabilitation:		
(43) No. Lanes On: 2	No. Lanes Under: 0		
(44) Horiz Curve:	(45) Skew: 14 Deg		
(49) App. Rdw Width: 19 Ft	(50) Brg. Rdw Width: 19.5 Ft		
(51) Deck Width: 30.8 Ft	Deck Area: 1602 Sq. Ft		
(52) Median Type: NONE/NON BARRIER/NO JOINT			
(53) Bridge Median: NO MEDIAN			
(54) Sidewalks:	(left) 4.0 Ft	(right) 4.0 Ft	
(55) Type Curb or Sidewalks:			
(Left) Matl: CONCRETE	Type: SIDEWALK (GREATER THAN 2' IN WIDTH)		
(Right) Matl: CONCRETE	Type: SIDEWALK (GREATER THAN 2' IN WIDTH)		
(56) Flared: 0	(57) Composite: U - NOT APPLICABLE		
(58) Railing: STEEL GUARDRAIL ON STEEL, CONCRETE OR TI			
(59) Deck Drainage: OTHER (NATURAL-OFF THE BRIDGE ENDS)			
(60) Deck Type: REINFORCED CONCRETE			
(61) Deck Protection: External: NOT APPLICABLE (ONLY FOR BRIDGES FOR NO	Internal: NOT APPLICABLE (APPLIES ONLY TO BRIDGES		
(62) Wearing Surface: BITUMINOUS (ASPHALTIC CONCRETE) - OVERLA			
Thickness: 3.1 in	(119) Date of Wearing Surface:		
Slope Protection: NONE			
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			
(48) Design Load: UNKNOWN			(88) Waterway Adequacy: 5
Opr Rat Fact: 1.250 LD:			(89) Approach Alignment: 6
Inv Rat Fact: 1.000 LD:			Calc Gen Appraisal: 6
(83) Ohio Percent of Legal Load: 150			Calc Deck Geometry: 3
Year of Rating: 2009			Calc Underclearance: N
(84) Analysis: LOAD FACTOR (LF) RATING REPORTED BY RF U			
(85) Rate Soft: IN-HOUSE PROGRAM/SPREADSHEET			
Analysis on Bars: NOT ON BARS [DEFAULT]			
PE#: 0			
Approach Information			
(109) Approach Guardrail: STEEL BEAM			
(110) Approach Pavement: BITUMINOUS		(111) Grade: FAIR	
Culvert Information			
(131) Culvert Type: NOT A CULVERT OR RIGID FRAME		(127) Length: 0.0 Ft	
(129) Depth of Fill: 0.0 Ft		(130) Headwalls: NONE OR NOT APPLICABLE (NOT A CU	
General Information			
(121) Main Member: NOT APPLICABLE (CULVERTS, TRUSSES, ARCHE		(122) Moment Plate: NO MOMENT PLATES	
(169) Expansion Joint: NONE			
(124) Bearing Devices: NONE			
(126) Navigation: Control-0	Vert Clr: 0.0 Ft	Horiz Clear: 0.0 Ft	
(193) Spec Insp: N	Freq: 0	Date:	
(188) Fracture Critical Insp: N	Freq: 24	Date:	
(138) Long Member: NOT APPLICABLE (I.E. CULVERT, BEAM, SLAB		(135) Hinges: NOT APPLICABLE (STRUCTURES WITH NO	
(141) Structural Steel Memb: NONE		(139) Framing: NONE OR NOT APPLICABLE	
		Railing: N	
Pay Wt: 0 pounds	Prime Loc: NONE (I.E.	Paint: NONE OR NOT APPLICABLE	
Bridge Dedicated Name:			

Unit of Measure: **English**
 Structure File Number: 7260296
 Sufficiency Rating: 080.0 fo

Bridge Inventory Information
 Inventory Bridge Number: SAN MAPLE 01200 N
ROUTE CARRIED "ON" THE STRUCTURE RACON CREEK

Report Date: 12-02-2015 BM-191 Page: 2 of 2
BR. Type: CONCRETE/ARCH/FILLED
 Date of Last Inventory Update:

General Information (Continued)				Original Plans Information			
(---) Hist Significance: NOT ELIGIBLE (---) Hist Builder: NONE N/A (69) Hist Type: CLOSED SPANDREL FILLED (161) Special Features (see below): (105) Border Bridge State: Resp: %(106) SFN:		(69) NBIS: Y Hist Build Year: 1930		(142) Fabricator: (143) Contractor: (144) Ohio Original Construction Project No: (---) Microfilm Reel: (151) Standard Drawing: Aperture Cards: Orig: N Repair: N Fabr: N Plan Information Available: 1 PLAN INFORMATION AVAILABLE FOR LOAD RATI (153) Repair Projects:			
Proposed Improvements		Programming Info					
(90) Type Work: -		PID Number: PID Status: PID Date:					
(90) Length: Ft							
(90) Bridge Cost (\$1000s):							
(90) Roadway Cost (\$1000s):							
(90) Total Project Cost (\$1000s):		(90) Year:					
(91) Future ADT (On Bridge): 347		(92) Year of Future ADT: 2033					
Inspection Summary		(I-69) Survey Items		Utilities		Special Features	
(I-8) Deck:	6	Railings:	MEETS ACCEPTABLE STANDARDS	(46) Electric:	U	(161) Lighting:	N
(I-32) Superstructure:	6	Transitions:	NA/SAFETY FEATURE NOT REQUIRED	Gas:	U	Fencing:	N
(I-42) Substructure:	6	Guardrail:	MEETS ACCEPTABLE STANDARDS	Sanitary Sewer:	U	Glare-Screen:	N
(I-50) Culvert:	N	Rail Ends:	MEETS ACCEPTABLE STANDARDS	Telephone:	U	Splash-Guard:	N
(I-54) Channel:	6	In Depth:		TV Cable:	U	Catwalks:	N
(I-60) Approaches:	6	Fracture Critical:		Water:	U	Other-Feat:	U
(I-66) General Appraisal:	6	Scour Critical:		Other:	U	(184) Signs-On:	Y
(I-66) Operational Status:	A	Critical Findings:				Signs-Under:	N
Inspection Date:	10/8/2015	Insp. Update Date:	10/8/2015			(162) Fence-Ht:	0.0
(94) Desig Insp Freq	12 Months					(163) Noise Barr:	N
SFNs Replacing this retired bridge:		-					
SFNs That were replaced by this bridge:		-					
This bridge was retired and copied to:				INV Field Bridge Marker:		SAN - MAPLE - 0020 - N	
The bridge was copied from:				INT Field Bridge Marker:		- - 0000 -	
(95) Insp: CITY OR OTHER LOCAL AGENCY	2nd: NONE	3rd: NONE					
(96) Maint: CITY OR OTHER LOCAL AGENCY	2nd: NONE	3rd: NONE					
(97) Routine: CITY OR OTHER LOCAL AGENCY	2nd: NONE	3rd: NONE					

PONTIS CoRe elements and Conditions States

Elem No.	CoRe Element Description	Total Quantity	Unit Meas.	Condition State Percents(*)				
				1	2	3	4	5

(*) Percentages should add to 100%

STATE OF OHIO DEPARTMENT OF TRANSPORTATION
BRIDGE INSPECTION REPORT

STRUCTURE FILE NUMBER: 7260296

SAN
CO

MAPLE
Route

01200
SLM

SAN-M-16308-CLYDE
FIPS

DATE BUILT 07/01/1930

District 02 CONCRETE/ARCHFILLED

Type of Service 1 55 RACOON CREEK

N
SD SAN

DECK

1. Floor	Out/Out 30.8 1-REINFORCED CONCRETE	2	2. Wearing Surface	THCK= 3.1 6-BITUMINOUS (ASPHALTIC CONCRETE) -	1
3. Curbs, Sidewalks & Walkways	1-CONCRETE 1-CONCRETE	2	4. Median	W.S. Date = N-NO MEDIAN	
5. Railing	7-STEEL GUARDRAIL ON STEEL, CONCRETE OR TI	1	6. Drainage	0-OTHER (NATURAL-OFF THE BRIDGE ENDS)	2
7. Expansion Joints	N-NONE		8. SUMMARY	Deck Area: 1,602	6

SUPERSTRUCTURE

9. Alignment of Members	MAX.SPAN.LENGTH = 21	1	10. Beams/Girders/Slab	N-NOT APPLICABLE (CULVERTS, TRUSSES, ARCHE	
11. Diaphragms or Cross Frames	TOT.LGTH = 52		12. Joist/Stringers		
13. Floorbeams			14. Floorbeam Connections		
15. Verticals			16. Diagonals		
17. End posts			18. Upper Chord		
19. Lower Chord			20. Gusset Plates		
21. Lateral Bracing			22. Sway Bracing		
23. Portals			24. Bearing Devices	N-NONE N-NONE	
25. Arch		2	26. Arch Columns or Hangers		
27. Spandrel Walls		1	28. Protective Coating System (PCS)	TYPE: NNONE OR NOT APPLICABLE DATE =	
29. Pins/Hangers/Hinges	ADT: 250 TRUCK: 0 YEAR: 1951		30. Fatigue Prone Detail (E & E')		
31. Live Load Response (E or S)		S	32. SUMMARY		6

SUBSTRUCTURE

33. Abutments	2-CONCRETE 2-CONCRETE	2	34. Abutment Seats	PIERS= # OF SPANS=1	
35. Piers	TYPE = N-NONE		36. Pier Seats		
37. Backwalls			38. Wingwalls	ABUTMENT:=SPREAD FOOTING/SPREAD FOOTING	
39. Fenders and Dolphins			40. Scour (Insp Type - 1, 2, 3)	5-SCOUR WITHIN LIMITS OF FOOTING OR PILES. 2	2
41. Slope Protection	N-NONE		42. SUMMARY	DIVE DT= N/A	6

CULVERTS

43. General			44. Alignment		
45. Shape			46. Seams		
47. Headwalls or Endwalls			48. Scour (Insp Type - 1, 2, 3)		
49. Abutments			50. SUMMARY		N

CHANNEL

51. Alignment		1	52. Protection	5-RIP RAP (DUMPED ROCK OR ROCK CHANNEL DPO)	2
53. Hydraulic Opening		2	54. SUMMARY		6

APPROACHES

55. Pavement	2-BITUMINOUS	1	56. Approach Slabs		
57. Guardrail	1-STEEL BEAM	1	58. Relief Joint		
59. Embankment	BRDG.WIDTH=19.5	2	60. SUMMARY	PCT.LEGAL= 150	6

GENERAL

61. Navigation Lights			62. Warning Signs	ROUTINE.RESP: 4-CITY OR OTHER LOCAL AGENCY MAINT.RESP: 4-CITY OR OTHER LOCAL AGENCY	1
63. Sign Supports	MVC ON=9999 UND=0000		64. Utilities		
65. Vertical Clearance (1, 2-change, N)			66. General Appraisal & Operational Status		6 A

67. INSPECTED BY

68. REVIEWED BY

Print First & Last Name

72.262
PE Number

DT
Initial

Print First & Last Name

45.122
PE Number

DT
Initial

Inspected Date: 10/8/2015

1	N	1	1				
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Reviewed Date: 11/2/2015

69. Survey (1, 0, N)

