The National Bridge Inventory contains data submitted by state transportion 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							40-51-47 =	083-15-13 = -
Ohio [39]	Wyandot County [175	j]	Crane [19190]	NO DATA			40.863056	83.253611
8835764	Highway agency	y district 1	Owner County Highway Agency [02] Maintenance responsibility			County Highway Agency [02]		
Route #Num!	NO DA	ATA	Toll O	n free road [3]	Features interse	cted SANDUSK	Y RIVER	
Design - Steel [3] main Truss - Thi	u [10]	Design - approach Other	[00]	Kilometerpoint 0 Year built 1913 Skew angle 0	km = 0.0 mi Year re	constructed N/A	[0000]	
				Historical significance	e Bridge	is not eligible for t	he NRHP. [5]	
Total length 54.3 m	= 178.2 ft Leng	gth of maximum sp	an 52.4 m = 171.9 ft	Deck width, out-to-	out 6.4 m = 21.0	oft Bridge road	dway width, curb-to-	curb 5.2 m = 17.1 ft
Inventory Route, Tota	l Horizontal Clearance	5.2 m = 17.1 ft	Curb or sidewa	lk width - left $0 \text{ m} = 0.0$	O ft	Curb or side	ewalk width - right	0 m = 0.0 ft
Deck structure type	W	ood or Timber [8]						
Type of wearing surfa	ce Bit	tuminous [6]						
Deck protection								
Type of membrane/w	earing surface							
Weight Limits								
Bypass, detour lengt	h Method to determi	ine inventory rating	Allowable Stress	(AS) [2] Ir	nventory rating	3.6 metric ton =	4.0 tons	
1 km = 0.6 mi	Method to determi	ne operating rating	Allowable Stress	(AS) [2]	perating rating	10 metric ton =	11.0 tons	
	Bridge posting		-	D	esign Load M	13.5 / H 15 [2]		

Functional Details	
Average Daily Traffic 30 Average daily tru	ck traffi 0 % Year 1973 Future average daily traffic 42 Year 2032
Road classification Major Collector (Rural) [07]	Lanes on structure 1 Approach roadway width 4.3 m = 14.1 ft
Type of service on bridge Highway [1]	Direction of traffic One lane bridge for 2 - way traffic [3] Bridge median
Parallel structure designation No parallel structure	exists. [N]
Type of service under bridge Waterway [5]	Lanes under structure 0 Navigation control
Navigation vertical clearanc 0 = N/A	Navigation horizontal clearance 0 = N/A
Minimum navigation vertical clearance, vertical lift brid	ge Minimum vertical clearance over bridge roadway 5.49 m = 18.0 ft
Minimum lateral underclearance reference feature Fe	ature not a highway or railroad [N]
Minimum lateral underclearance on right 0 = N/A	Minimum lateral underclearance on left 0 = N/A
Minimum Vertical Underclearance 0 = N/A	Minimum vertical underclearance reference feature Feature not a highway or railroad [N]
Appraisal ratings - underclearances N/A [N]	
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 lo	Appraisal ratings - structural	Basically intolerable requiring high priority of corrrective action [3]						
Condition ratings - superstructur	Fair [5]	Appraisal ratings - roadway alignment	Meets minimum					
Condition ratings - substructure	Fair [5]	Appraisal ratings -						
Condition ratings - deck	Fair [5]	deck geometry						
Scour	Bridge foundations determine	d to be stable for the asso	essed or calculated	d scour conditior	n. [8]			
Channel and channel protection	Bank is beginning to slump. I minor stream bed movement	River control devices and evident. Debris is restrict	embankment prote ling the channel sli	ection have wide ightly. [6]	spread minor damage. There is			
Appraisal ratings - water adequacy Meets minimum tolerable limit		its to be left in place as is	[4] Statu	us evaluation	Functionally obsolete [2]			
Pier or abutment protection			Suffi	iciency rating	28.2			
Culverts Not applicable. Used if structure is not a culvert. [N]								
Traffic safety features - railings								
Traffic safety features - transition	ns							
Traffic safety features - approach	n guardrail							
Traffic safety features - approach	n guardrail ends							
Inspection date April 2010 [0	Designated inspe	ection frequency 12	Months	S				
Underwater inspection	Not needed [N]	Underwater inspec	ction date					
Fracture critical inspection	Fracture critical ins	spection date	April 2010 [0410)]				
Other special inspection	Not needed [N]	Other special insp						

Unit of Measure: English Structure File Number 8835764 Sufficiency Rating: 28.2 fo			Bridge Inventory Information Inventory Bridge Number: WYA C0047 ON SANDUSKY RIVER			Report Date 01/08/2014 BM-191 Page: 1 of 2 BR. Type STEEL / TRUSS / THRU Date of Last Inventory Update: 04/17/2013
District: 01 (2)FIPS Code: CRANE TWP (9) Direction of Traffic: ONE LANE FOR 2 (95) Insp: COUNTY (96) Maint: COUNTY	-WAY TRAFFIC (10) - (97) Routine: COUNT		(103) Route Or (11)Truck Netv (100) Type Ser	rv: (On): HIGHWAY	(ί	(102) Facility Carried: NO DATA (104) Route Under Bridge: NON-HIGHWAY 12)Parallel: N Under): WATERWAY
(3) Route On/Under: ON Route No.: C0047 Dir:	Des: MAINLINE	Pref:	(63) Main Spans Number: 1 Approach Spans Number: 0 Total Spans: 1	Type: STEEL / TRUSS / THE Type: NONE / NONE	JE ((66) Overall Leng: 178 Ft
 (4) Feature Intersected: SANDUSKY RIVE (5) County: CRN Mileage: 1412 (6) Avg. Daily Traffic(ADT): 30 (8) Truck Traf: 1 (14) NHS: NO - X (16) Functional Class: MAJOR COLLECTOR-RI 	Special Desig: (7) ADT Year: 1973 (15) Corridor: N JRAL (19) S		(70) Substructure Abut-Rear Matl: CONCRETE AND STONE Abut-Fwd Matl: CONCRETE AND STONE Pier-Pred Matl: NONE Pier-Other Matl: NONE	E Type: SOLID WALL Type: NONE Type: NONE	F F F	Fnd: SPREAD FOOTING Fnd: SPREAD FOOTING Fnd: NONE/NOT APPLICABLE (SUCH AS CULVERTS) Fnd: NONE/NOT APPLICABLE (SUCH AS CULVERTS)
(22) Route On/Under: Route No.: Dir: (23) Feature Intersected: (24) County: Mileage:	ed Route Data Hwy Sys: Des: Special Desig:	Pref:	Pier-Other Matl: NONE No of Piers Predominate: NN (86) Stream Velocity: UUU (189) Dive: N Freq: 0 (189) Date of last Dive Insp:	Type: NONE Other: NN (74) Scour: STABLE: EVAI Probe: Y Freq: 12 (152) Drainage Area: UUU) L SCOUR ABOV)	Fnd: NONE/NOT APPLICABLE (SUCH AS CULVERTS) Other: NN /E TOP OF FOOTING (75) Chan Prot: RIP RAP (DUMPED ROCK OR ROCK)
(25) Avg. Daily Traffic(ADT): 0 (27) Truck Traf: 0 (28) NHS: - (30) Functional Class:	(26) ADT Year: (29) Corridor:	Strahnt: Not Applicable	(156) Min. Horiz Under Clear: (157) Prac Max Vrt Under Clear: (77) Min Vert Under Clear:		nder the Bridge	Card: 0.0 Ft Card: 0.0 Ft
(154) Min Hriz on Bridge: (155) Prac Max Vert On Brg:	NC: 0.0 Ft 18.0 Ft	O! 40 0 51	(78) Min Lat Under Clear: Load Rating Inform	NC: 0.0 / 0.0 Ft		Card: 0.0 / 0.0 Ft (88-89) Appraisal
(67) Min Vrt Clr On Brg: (80) Min Latl Clr: (81) Vrt Clr Lft:	NC: 18.0 Ft NC: 0.0 / 0.0 Ft 0.0 Ft	Card: 0.0 / 0.0 Ft	(48) Design Load: H/15 (83) Operating: 11 Ton Inventory: 4 Ton		(Including calcu	lated Items)
(38) Bypass Length: 06 Miles (39) Latitude: 40 Deg 51.8 Min (40) Toll: ON FREE ROAD	Information Longitude: 83 Deg 1	5.2 Min	Ohio Percent of Legal Load 60 Year of Rating: 2008 (84) Analysis: ALLOWABLE STRESS OR \		(88) Waterway A (89) Approach A Calc Gen Appra	Alignment 4 aisal: 3
(41) Date Built: 07/01/1913 (43) No. Lanes On: 1	(42) Major Rehabilita No. Lanes Under: 0	41	(85) Rate Soft: COMBINATION Analyzed b Analysis on Bars: NOT ON BARS [DEFAU l	LT]	Calc Deck Geor Calc Underclear Information	•
 (44) Horiz Curve: Deg. Min. (49) App. Rdw Width: 14 Ft (51) Deck Width: 21.0 Ft (52) Median Type: NONE / NON BARRIE 	(45) Skew: 0 Deg (50) Brg. Rdw Width Deck Area: 3735 Sq	: 17.0 Ft . Ft	(109) Approach Guardrail: STEEL BEAM (110) Approach Pavement: BITUMINOUS		(111) Grade: PC nformation	
(53) Bridge Median: NO MEDIAN (54) Sidewalks:	(left) 0 Ft	(right) 0 Ft	(131) Culvert Type: NONE/NOT APPLICBL (129) Depth of Fill: 0.0 Ft		(127) Length: 0. (130) Headwalls nformation	
(55) Type Curb or Sidewalks: (Left) Matl: NONE (Right) Matl: NONE (56) Flared: N (58) Railing: STEEL POST & STEEL PAN (59) Deck Drainage: OPENING THRU CU (60) Deck Type: LAMINATED TIMBER ST (61) Deck Protection: External: NONE Internal: NONE (62) Wearing Surface: BITUM (ASPHLT CO	RBS OR WHEEL GR IRIP	DS	(121) Main Member N/A (CULVERTS, TRU (169) Expansion Joint: NONE (124) Bearing Devices: ROLLERS/NONE (126) Navigation: Control- N (193) Spec Insp: N (188) Fracture Critical Insp: Y (138) Long Member: TWO TRUSSES (WEL (141) Structural Steel Memb: UNKNOWN Pay Wt: 300,000 pounds	Vert Clr: 0.0 Ft Freq: 0 Freq: 24		(122) Moment Plate: NONE Horiz Clear:: 0.0 Ft Date: Date: 2012-03-06 (135) Hinges: NOT APPLICABLE (139) Framing: NONE Railing: UNKNOWN Paint: UNKNOWN
Thickness: 1.0 in (119) Date of Weari Slope Protection: NONE-NATURAL PRO	ng Surface: 01/01/199 FECTION(GRASS,BU	98	Bridge Dedicated Name:	THING LOC. CIARMOWIN		i aint. Onthoppin

Unit of Measure: **English** Structure File Number **8835764 Bridge Inventory Information** Inventory Bridge Number: WYA C0047 1412 Sufficiency Rating: 28.2 fo ON SANDUSKY RIVER

Report Date 01/08/2014 BM-191 Page: 2 of 2 BR. Type STEEL/TRUSS/THRU

Date of Last Inventory Update: 04/17/2013

General Information (Continued)					Original Plans Information			
() Hist Significance: NO	N-REGISTER	ED HISTORIC BRIDG	Ε	(69) NBIS: Y	(142) Fabricator:			
() Hist Builder: MODERN CONSTRUCTION Hist Build Year: 1913				(143) Contractor:				
COMPANY					(144) Ohio Original Constr	uction Project No.:		
(69) Hist Type: PRATT (P	•				() Microfilm Reel:			
(161) Special Features (se					(151) Standard Drawing:			
(105) Border Bridge State	(105) Border Bridge State: Resp % (106) SFN:				Aperture Cards: Orig: N Re	epair: N Fabr: N		
	Proposed	Improvements		Programming Info	Plan Information Available	: 1PLAN INFORMATION A	VAILABLE	
(90) Type Work: -				PID Number: 22541		(15	3) Repair Projects	
				PID Status: IA-OTHER	1. / 020	2. / 002	3.	
(90) Length: Ft				PID Date:	4.	5.	6.	
(90) Bridge Cost (\$1000s)					7 .	8.	9.	
(90) Roadway Cost (\$100	,				10.			
(90) Total Project Cost (\$7	•	(90) Y	ear:					
(91) Future ADT (On Bridge	- ,	(92) Y	ear of Future ADT: 20			Utilities	Spec	cial Features
Inspection Sum	mary		(I-69) Survey Iter		(46) Electric:	U	(161) Lighting:	N
(I-8) Deck:	5	Railings:	1 MEETS CURREN		Gas:	U	Fencing:	N
(- /	5	Transitions:	0 DOES NOT MEE	T CURRENT STANDARDS	Sanitary Sewer:	U	Glare-Screen:	N
(,	7	Guardrail:	0 DOES NOT MEE	T CURRENT STANDARDS	Telephone:	U	Splash-Guard:	N
(I-50) Culvert:		Rail Ends:		T CURRENT STANDARDS	TV Cable:	U	Catwalks:	N
` '	8	In Depth:	1 MEETS CURREN	IT STANDARDS	Water:	U	Other-Feat:	U
(. 00) / .pp. 000.100.		Fracture Critical:	N NONE N/A		Other:	U	(184) Signs-on:	N
(I-66) General Appraisial:		Scour Critical:	N NONE N/A				Signs-Under:	N
(I-66) Operational Status:	P	Critical Findings:	N NONE N/A				(162) Fence-Ht:	0.0 Ft
Inspection Date:	03/06/2012	Insp. Update Date:	03/12/2012				(163) Noise Barr:	N
(94) Desig Insp Freq:	12 Months						,	
SFNs Replacing this retire	ad hridae:		_					
II ' •	ŭ							
SFNs That where replace	, .	e:	-					
This bridge was retired an	•				INV Field Bridge Marker:		WYA-C0047-1412 -	
The bridge was copied from	om:				INT Field Bridge Marker:			

PONTIS CoRe elements and Condition States

Elem No.	CoRe Element Description	Total Quantity	Unit Meas.		Percents(*)			
				1	2	3	4	5
		0						
		(*) Pe	rcentages S	hοι	ıld a	dd t	o 10	00%

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

8 8 3 5 7 6 4

Bridge Number $\begin{array}{c|c} \underline{WYA} & \underline{C0047} & \underline{1412} \\ \hline \text{CO} & \text{ROUTE} & \underline{UNIT} \\ \end{array}$

CRANE TWP

Date Built 07/01/1913

District 01 Bridge Type STEEL/TRUSS/THRU	<u>J</u>	Ту	pe Service <u>1</u> <u>15</u> <u>SANDUSKY F</u>	<u>WYA</u>	<u> </u>
DECK 1. Floor	Out/Out 21.0 2-LAMINATED TIMBER STRIP 8	2	2. Wearing Surface	THCK = 1.0 6-BITUM (ASPHLT CONCRT) 41	3
	N-NONE 9		4. Median	W.S. Date = 01/01/1998	
3. Curbs, Sidewalks, Walkways		2		42	2
5. Railing	6-STEEL POST & STEEL PAN 10		6. Drainage	2-OPENING THRU CURBS OR 43	5
7. Expansion Joints	N-NONE 11		8. Summary	44	
SUPERSTRUCTURE 9. Alignment	MAX.SPAN=172	1	10. Beams/Girders/Slab	N-N/A (CULVERTS, TRUSSES 45	
9. Alignment	TOT.LGTH=178		10. Deans/Girders/Slab	N-N/A (CULVERTS, TRUSSES 45	2
11. Diaphragms or Crossframes	13		12. Joists/Stringers	46	
13. Floor Beams	14	2	14. Floor Beam Connections	47	2
15. Verticals	15	2	16. Diagonals	48	2
17. End Posts	16	2	18. Top Chord	49	2
19. Lower Chord	17	2	20. Lower Lateral Bracing	50)
24. Ton Lotoral Proping			22 Curay Proping		
21. Top Lateral Bracing	18		22. Sway Bracing	1-ROLLERS	2
23. Portals	19		24. Bearing Devices	N-NONE 52	2
25. Arch	20		26. Arch Columns or Hangers	TVDE 11.11N/21014/N	3
27. Spandrel Walls	21		28. Protective Coating System	TYPE = U-UNKNOWN DATE = 01/01/1973 54	3
29. Pins/Hangers/Hinges			30. Fatigue Prone Connections		
29. Filis/Haligers/Hiliges	22	s	30. Fatigue Florie Connections	55	5
31. Live Load Response	23		32. Summary	56	
SUBSTRUCTURE 23 Abutmonto	3-CONCRETE AND STONE	1	PIERS=0	SPANS = 1	1
33. Abutments	3-CONCRETE AND STONE 24		34. Abutment Seats	57	┢
35. Piers	TYPE = N-NONE 25		36. Pier Seats	ABUTMENT:=SPREAD / SPREAD	3
37. Backwalls	26	1	38. Wingwalls	ABOTMENT.=SFREAD/SFREAD	1
39. Fenders and Dolphins	27		40. Scour	8-STABLE: EVAL SCOUR ABO 60	1
41. Slope Protection	N-NONE 28		42. Summary	DIVE DT=N/A 62	7
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	1	5-I 52. Protection	RIP RAP (DUMPED ROCK OR ROCK)	1
		1	54. Summary		8
53. Waterway Adequacy APPROACHES	34		57. Summary	68	
55. Pavement	2-BITUMINOUS 35	1	56. Approach Slabs	69)
57. Guardrail	1-STEEL BEAM 36	1	58. Relief Joints	70)
59. Embankment	BRDG.WIDTH=17.0 37	1	60. Summary	PCT.LEGAL=60 71	8
GENERAL 04 Nationalization Links			00 Warring 0	ROUTINE.RESP: 3-COUNTY	1
61. Navigation Lights	MVC ON=18.0 UND=0000		62. Warning Signs	MAINT.RESP: 3-COUNTY 72	!
63. Sign Supports	39	1	64. Utilities	73 CONE 5	STAT
65. Vertical Clearance 67. INSPECTED BY	40		66. General Appraisal & Operat	ional Status 74	
UI. INOFECTED DI			UU. NEVIEWED BY		
SIGNED	- 7 1 4 5 0 B D 78 INITIALS	3	SIGNED	81 PE 83 INITIALS	
DOT 2852	Date 0 3 0 6 1 2		1 0 0 0 1 N		
DECK AREA 3,735	86 91		92 69 Survey	99 Date 100 1	05

STATE OF OHIO DEPARTMENT OF TRANSPORTATION BRIDGE INSPECTION REPORT

Type Service <u>1</u> <u>1</u> <u>5</u>

BR-86 REV 02-95

8 8 3 5 7 6 4

1 Structure File Number 7

00

District **01** Bridge Type **STEEL/TRUSS/THRU**

Bridge Number WYA CO047 H112 UNIT

Date Built 07/01/1913

SANDUSKY RIVER

NO REMARKS FOUND FOR THIS INSPECTION.