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 Inform	mation									40-56-42 =	083-48-48 = -
Ohio [39] Hancock County [063]		Union [78	Union [78330] 0.49 MI E SR 23		SR 235	35		40.945000	83.813333		
3231593		Highway ag	ency district 1	Owner	Owner County Highway Agency [02]		2]	Maintenar	nce responsibil	County Highway	Agency [02]
Route #Num! UNI TWP RD 38				Toll On fre	e road [3]		Features inter	sected OTTA	WA CREEK (CLOSED)		
main	teel [3] russ - Thru [1	0]	Design - approach 0 Oth	ner [00]		Kilometerp Year built Skew angl	#Num!	Structure	L		
Total length 19.2 m = 63.0 ft Length of maximum span 17.1 m = 56.1 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 4.9 m = 16.1 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]										Ŭ	
Type of wear	ring surface		Bituminous [6]								
Deck protecti	tion		Other [9]								
Type of membrane/wearing surface Other [9]											
Weight Limi	its										
Bypass, detour length 0.3 km = 0.2 mi Method to determine inventory rating Method to determine operating rating				Allowable Stress(AS) [2] Allowable Stress(AS) [2]			nventory rating Operating rating		on = 0.0 tons ton = 0.3 tons		
		Bridge posting]	-	· · ·			Design Load			

Functional Details		
Average Daily Traffic 1 Average daily tr	ruck traffi 0 % Year 2000 Future average daily traffic 83 Year 2027	
Road classification Local (Rural) [09]	Lanes on structure 1 Approach roadway width 3.7 m =	12.1 ft
Type of service on bridge Highway [1]	Direction of traffic 1 - way traffic [1] Bridge median	
Parallel structure designation No parallel structure	e 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	dge Minimum vertical clearance over bridge roadway 99.99 m = 32	8.1 ft
Minimum lateral underclearance reference feature Fe	eature 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 Bridge close	ed to all traffic [K]	Appraisal ratings - structural						
Condition ratings - superstructur	Poor [4]	Appraisal ratings - roadway alignment	Better than present minimum of	criteria [7]				
Condition ratings - substructure	Serious [3]	Appraisal ratings -	Better than present minimum of	criteria [7]				
Condition ratings - deck	Satisfactory [6]	deck geometry						
Scour	Bridge foundation	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]						
Channel and channel protection	Bank protection channel. [5]	is being eroded. River control devices	and/or embankment have major (damage. Trees and rush restrict the				
Appraisal ratings - water adequae	Equal to presen	t desirable criteria [8]	Status evaluation	Structurally deficient [1]				
Pier or abutment protection			Sufficiency rating	31				
Culverts Not applicable. Used if structure is not a culvert. [N]								
Traffic safety features - railings		Inpected feature meets currently acce	ptable standards. [1]					
Traffic safety features - transition	ns	Inpected feature meets currently acce	eature meets currently acceptable standards. [1]					
Traffic safety features - approac	h guardrail	Inpected feature meets currently acce	ed feature meets currently acceptable standards. [1]					
Traffic safety features - approac	h guardrail ends	Inpected feature meets currently acce	ure meets currently acceptable standards. [1]					
Inspection date August 2010	Des Des	signated inspection frequency 12	Months					
Underwater inspection	Not needed [N]	Underwater inspec	ction date					
Fracture critical inspection	Not needed [N]		Fracture critical inspection date					
Other special inspection	Not needed [N]	Other special inspecial	ection date					

Unit of Measure: English Structure File Number 3231593 Sufficiency Rating: 31.0 SD			Bridge Inventory Informatio Inventory Bridge Number:HAN T0038 ON OTTAWA CREEK (CLOSE	8 0052		Report Date 02/28/2013 BM-191 Page: 1 of 2 BR. Type STEEL / TRUSS / PONY (TRUSS) Date of Last Inventory Update: 10/14/2011		
District: 01 (2)FIPS Code: UNION TWP (9) Direction of Traffic: 1-WAY TRAFFIC (95) Insp: COUNTY (96) Maint: COUNTY	County HANCOCK (10) Temporary: N (97) Routine: COUNTY		(101) Location: 0.49 MI E SR 235 (103) Route On Bridge: TOWNSHIP (11)Truck Network: N (100) Type Serv: (On): HIGHWAY			(102) Facility Carried: UNI TWP RD 38 (104) Route Under Bridge: NON-HIGHWAY (12)Parallel: N (Under): WATERWAY		
Invento	ry Route Data		(63) Main Spans Number: 1	Type: STEEL / TRUSS / Po	ONY (TRUSS)			
(3) Route On/Under: ON		TOWNSHIP HIGHWAY	Approach Spans Number: 0	Type: NONE / NONE / NOI	NE ,			
Route No.: T0038 Dir:			Total Spans: 1	(65) Max Span: 56 Ft	(66) C	overall Leng: 63 Ft		
(4) Feature Intersected: OTTAWA CREE	K (CLOSED)		(70) Substructure	(71) Foundation and Scour		-		
(5) County: HAN Mileage: 0052	Special Desig:		Abut-Rear Matl: STONE	Type: SOLID WALL Type: SOLID WALL		SPREAD FOOTING		
(6) Avg. Daily Traffic(ADT): 1	(7) ADT Year: 2000		Abut-Fwd Matl: CONCRETE			SPREAD FOOTING		
(8) Truck Traf: 1 (14) NHS: NO - X			Pier-Pred Matl: NONE	Type: NONE	Fnd: N	NONE/NOT APPLICABLE (SUCH AS CULVERTS)		
(16) Functional Class: LOCAL ROAD-RURAL	(19)	Strahnt: Not Applicable	Pier-Other Matl: NONE	Type: NONE	Fnd: N	NONE/NOT APPLICABLE (SUCH AS CULVERTS)		
	ted Route Data		Pier-Other Matl: NONE	Type: NONE	Fnd: N	NONE/NOT APPLICABLE (SUCH AS CULVERTS)		
(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: EVA	L SCOUR ABOVE TO	P OF FOOTING		
(23) Feature Intersected:			(189) Dive: N Freq: 0	Probe: Y Freq: 12	(75) C	han Prot: OTHER-GRASS, BUSHES & TREES		
(24) County: Mileage:	Special Desig:		(189) Date of last Dive Insp:	(152) Drainage Area: 028 S	Sq Mi			
(25) Avg. Daily Traffic(ADT): 0	(26) ADT Year:			Clearance U	nder the Bridge			
(27) Truck Traf: 0 (28) NHS: -	(29) Corridor:		(156) Min. Horiz Under Clear:	NC: 0.0 Ft	Card:	0.0 Ft		
(30) Functional Class:		Strahnt: Not Applicable	(101) 1 Tao mast 111 Onaol Gloan	0.0 Ft				
	e On the Bridge	0 1 10 0 5	(77) Min Vert Under Clear:	NC: 0.0 Ft	Card:	0.0 Ft		
(154) Min Hriz on Bridge:	NC: 0.0 Ft	Card: 16.0 Ft	(78) Min Lat Under Clear:	NC: 0.0 / 0.0 Ft	Card:	0.0 / 0.0 Ft		
(155) Prac Max Vert On Brg:	9999.9 Ft NC: 0.0 Ft Card: 9999.9 Ft		Load Rating Information			(88-89) Appraisal		
(67) Min Vrt Clr On Brg:			(48) Design Load: UNKNOWN [DEFAULT]		(Including calculated	lculated Items)		
(80) Min Latl Clr:	NC: 0.0 / 0.0 Ft Card: 0.0 / 0.0 Ft 0.0 Ft		(83) Operating: 0 Ton					
(81) Vrt Clr Lft:	re Information		Inventory: 0 Ton					
(38) Bypass Length: 02 Miles	e information		Ohio Percent of Legal Load 0		(88) Waterway Adequ	•		
(39) Latitude: 40 Deg 56.7 Min	Longitudo: 93 Dog	10 0 Min				n Alignment 7		
(40) Toll: ON FREE ROAD	Longitude: 83 Deg 48.8 Min		(84) Analysis: ALLOWABLE STRESS OR WORKING STRESS		Calc Gen Appraisal: (
(41) Date Built: 07/01/1900	(42) Major Rehabilitation: 01/01/1995				Calc Deck Geometry: 7			
(43) No. Lanes On: 1	No. Lanes Under: 0		Analysis on Bars: NOT ON BARS [DEFAULT] Calc Underc Approach Information			: N		
(44) Horiz Curve: 00 Deg. D00M Min.	(45) Skew: 0 Deg		(400) A	Approach	Information			
(49) App. Rdw Width: 12 Ft	(50) Brg. Rdw Width	h: 15.5 Ft	(109) Approach Guardrail: STEEL BEAM		(111) Grade: FAIR			
(51) Deck Width: 16.0 Ft	Deck Area: 1012 Sc		(110) Approach Pavement: BITUMINOUS (111) Gra Culvert Informatio					
(52) Median Type: NONE / NON BARRI			(404) O. Least Torre NONE/NOT A DRI IODI			. 0 0 5		
(53) Bridge Median: NO MEDIAN			(131) Culvert Type: NONE/NOT APPLICBLE (127) Length (130) Ponth of Fill 0.0 Ft.					
(54) Sidewalks:	(left) 0 Ft (right) 0 Ft		(129) Depth of Fill: 0.0 Ft (130) Headwa			NE .		
(55) Type Curb or Sidewalks:		, • ,	(404) Main Manhan N/A (CHI VERTS, TRI		Information	(400) Marrant Plata, NONE		
(Left) Matl: NONE	Type: NONE		(121) Main Member N/A (CULVERTS, TRU	JSSES, ETC.)		(122) Moment Plate: NONE		
(Right) Matl: NONE	Type: NONE		(169) Expansion Joint: NONE	=\/NONE				
(56) Flared: N	(57) Composite: non-composite		(124) Bearing Devices: SLIDING (BRONZE	Vert Clr: 0.0 Ft		Horiz Clear:: 0.0 Ft		
(58) Railing: OTHER			(126) Navigation: Control- N					
(59) Deck Drainage: OVER THE SIDE (W/O DRIP STRIP)			(193) Spec Insp: N Freq: 0			Date:		
(60) Deck Type: LAMINATED TIMBER STRIP			(188) Fracture Critical Insp: N Freq: 0			Date:		
(61) Deck Protection: External: OTHER			(138) Long Member: TWO TRUSSES (RIVETED)			(135) Hinges: NOT APPLICABLE		
Internal: OTHER			(141) Structural Steel Memb: UNKNOWN			(139) Framing: NONE Railing: UNKNOWN		
(62) Wearing Surface: BITUM (ASPHLT	CONCRT)		Pay Wt: 60,000 pounds	Prime Loc: UNKNOWN	J	Paint: UNKNOWN		
Thickness: 2.0 in (119) Date of Wea	aring Surface: 07/01/19	990	Bridge Dedicated Name:	THING EOG. CHARACTER	•	i diili. Ollitiottii		
Slope Protection: NONE-NATURAL PRO)TECTION(GRASS,B	USHES)						

Unit of Measure: English
Structure File Number 3231593
Sufficiency Rating: 31.0 SD

Bridge Inventory Information
Inventory Bridge Number:HAN T0038 0052
ON OTTAWA CREEK (CLOSED)

Report Date 02/28/2013 BM-191 Page: 2 of 2 BR. Type STEEL/TRUSS/PONY (TRUSS) Date of Last Inventory Update: 10/14/2011

General Information (Continued)					Original Plans Information					
() Hist Significance: NO	NE N/A			(69) NBIS: Y	(142) Fabricator:					
() Hist Builder: SMITH BRIDGE CO (TOLEDO, OH) Hist Build Year: 1900					(143) Contractor:					
(69) Hist Type: PRATT PO	NY				(144) Ohio Original Construction Project No.:					
(161) Special Features (se	ee below):				() Microfilm Reel:					
(105) Border Bridge State	: Resp % (10	6) SFN:			(151) Standard Drawing:					
	Proposed	Improvements		Programming Info	Aperture Cards: Orig: N R	epair: N Fabr: N				
(90) Type Work: -				PID Number:		: 2FIELD MEASURED INFO	ORMATION			
				PID Status:		(15	3) Repair Projects			
(90) Length: Ft				PID Date:	1. / MMM	2. / 020	3./0	20		
(90) Bridge Cost (\$1000s)	: 0				4.	5.	6.			
(90) Roadway Cost (\$100	0s): 0				7.	8.	9.			
(90) Total Project Cost (\$7	1000s): 0	(90	Year:		10.					
(91) Future ADT (On Bride	ge): 0	(92	Year of Future ADT: 20	033						
Inspection Sum	mary		(I-69) Survey Ite			Utilities	Spe	ecial Features		
(I-8) Deck:	6	Railings:	0 DOES NOT MEE	T CURRENT STANDARDS	(46) Electric:	N	(161) Lighting:	N		
(I-32) Superstructure:	4	Transitions:	0 DOES NOT MEE	T CURRENT STANDARDS	Gas:	N	Fencing:	N		
(I-42) Substructure:	3	Guardrail:	0 DOES NOT MEE	T CURRENT STANDARDS	Sanitary Sewer:	N	Glare-Screen:	N		
(I-50) Culvert:		Rail Ends:	0 DOES NOT MEE	T CURRENT STANDARDS	Telephone:	N	Splash-Guard:	N		
(I-54) Channel:	5	In Depth:	N NONE N/A		TV Cable:	N	Catwalks:	N		
(I-60) Approaches:	7	Fracture Critical:	N NONE N/A		Water:	N	Other-Feat:	N		
(I-66) General Appraisial:	3	Scour Critical:	N NONE N/A		Other:	N	(184) Signs-on:	N		
(I-66) Operational Status:	K	Critical Findings:	N NONE N/A				Signs-Under:	N		
Inspection Date:	07/10/2012	Insp. Update Date:	11/15/2012				(162) Fence-Ht:	0.0 Ft		
(94) Desig Insp Freq:	12 Months						(163) Noise Barr:	N		
					1					
SFNs Replacing this retire	ed bridge:		-				•			
SFNs That where replace	d by this bridg	je:	-							
This bridge was retired and copied to:										
The bridge was copied fro	m:				INV Field Bridge Marker:		HAN-00038-0052 -			
					INT Field Bridge Marker:					
					2goamor.					

PONTIS CoRe elements and Condition States

Elem No.	CoRe Element Description	Total Quantity Unit Me		F	Perc	cent	s(*)	
					~	3	*	7
		0						
		(*) Percentage	es Sho	oul	d a	dd t	o 10	00%

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

BR-86 REV 02-95

3 2 3 1 5 9 3

1 Structure File Number 7

Bridge Number HAN T0038 0052 CO ROUTE UNIT

UNION TWP

Date Built 07/01/1900 - 1995

District 01 Bridge Type STEEL/TRUSS/POI	NY (TRUSS)	Ту	Type Service 1 15 OTTAWA CREEK (CLOSED) HAN	
DECK 1. Floor	Out/Out 16.0 2-LAMINATED TIMBER STRIP 8	2	THCK = 2.0 2. Wearing Surface 6-BITUM (ASPHLT CONCRT) 41	2
3. Curbs, Sidewalks, Walkways	N-NONE N-NONE 9		W.S. Date = 07/01/1990 4. Median	
5. Railing	0-OTHER 10	1	6. Drainage 1-OVER THE SIDE (W/O DRI 43	2
•				6
7. Expansion Joints	N-NONE 11		8. Summary 44	느
SUPERSTRUCTURE	MAX.SPAN=56	2		
9. Alignment	TOT.LGTH=63		10. Beams/Girders/Slab N-N/A (CULVERTS, TRUSSES 45	
11. Diaphragms or Crossframes	13		12. Joists/Stringers 46	1
13. Floor Beams	14	1	14. Floor Beam Connections 47	1
15. Verticals	15	2	16. Diagonals 48	3
17. End Posts	16	2	18. Top Chord 49	2
19. Lower Chord	17	2	20. Lower Lateral Bracing 50	
21. Top Lateral Bracing	18		22. Sway Bracing 51	
23. Portals	19		3-SLIDING (BRONZE) 24. Bearing Devices N-NONE 52	2
25. Arch	20		26. Arch Columns or Hangers 53	
27. Spandrel Walls			TYPE = U-UNKNOWN	6
·	21			2
29. Pins/Hangers/Hinges	22	S	30. Fatigue Prone Connections 55	4
31. Live Load Response	23		32. Summary 56	<u> </u>
SUBSTRUCTURE 33. Abutments	2-CONCRETE 1-STONE 24	3		2
35. Piers	TYPE = N-NONE 25		36. Pier Seats 58 ABUTMENT:=SPREAD / SPREAD	
37. Backwalls	26	2	38. Wingwalls 59	2
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	3
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		_	0-OTHER-GRASS, BUSHES & TREES	
51. Alignment	33	2	52. Protection 67	2
53. Waterway Adequacy	34	2	54. Summary 68	5
APPROACHES 55. Pavement	2-BITUMINOUS 35	1	56. Approach Slabs	
57. Guardrail	1-STEEL BEAM 36	1		
		1		7
59. Embankment GENERAL	BRDG.WIDTH=15.5 37		60. Summary PCT.LEGAL=0 71 ROUTINE.RESP: 3-COUNTY	
61. Navigation Lights	MVC ON=9999 UND=0000		62. Warning Signs MAINT.RESP: 3-COUNTY 72	1
63. Sign Supports	39		64. Utilities 73	STAT
65. Vertical Clearance	40	N	66. General Appraisal & Operational Status	K
67. INSPECTED BY			68. REVIEWED BY	
	<u> </u>	М	6 9 0 5 1 C O	L
SIGNED DOT 2852	76 PE 78 INITIALS		SIGNED 81 PE 83 INITIALS	
DECK AREA 1,012	Date 0 7 1 0 1 2		0 0 0 0 N N N N N Date 1 0 1 7 1 2	4

STATE OF OHIO DEPARTMENT OF TRANSPORTATION BRIDGE INSPECTION REPORT

3 2 3 1 5 9 3 1 Structure File Number 7

00

Bridge Number HAN T0038 O052 CO ROUTE UNIT

Date Built 07/01/1900 - 1995

District **01** Bridge Type **STEEL/TRUSS/PONY (TRUSS)**

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

OTTAWA CREEK (CLOSED)

NO REMARKS FOUND FOR THIS INSPECTION.