

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] Ashtabula County [007] Dorset [22344] .05 MI. N. OF SR307 41-41-12 = 41.686667 080-41-24 = - 80.690000

432350 Highway agency district 4 Owner County Highway Agency [02] Maintenance responsibility County Highway Agency [02]

Route #Num! CLAY ROAD Toll On free road [3] Features intersected MILL CREEK

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

1 Truss - Thru [10] 0 Other [00] Year built #Num! Year reconstructed N/A [0000]

Skew angle 0 Structure Flared

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

Total length 15.2 m = 49.9 ft Length of maximum span 14.3 m = 46.9 ft Deck width, out-to-out 5.8 m = 19.0 ft Bridge roadway width, curb-to-curb 4.9 m = 16.1 ft

Inventory Route, Total Horizontal Clearance 4.9 m = 16.1 ft Curb or sidewalk width - left 0.2 m = 0.7 ft Curb or sidewalk width - right 0.2 m = 0.7 ft

Deck structure type Concrete Cast-in-Place [1]

Type of wearing surface Integral Concrete (separate non-modified layer of concrete added to structural deck) [2]

Deck protection

Type of membrane/wearing surface

Weight Limits

Bypass, detour length 0.2 km = 0.1 mi Method to determine inventory rating No rating analysis performed [5] Inventory rating 24.3 metric ton = 26.7 tons

Method to determine operating rating No rating analysis performed [5] Operating rating 33.4 metric ton = 36.7 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	<input type="text" value="Open, no restriction [A]"/>	Appraisal ratings - structural	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>
Condition ratings - superstructure	<input type="text" value="Fair [5]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>
Condition ratings - substructure	<input type="text" value="Fair [5]"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of corrective action [3]"/>
Condition ratings - deck	<input type="text" value="Fair [5]"/>		
Scour	<input type="text" value="Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]"/>		
Channel and channel protection	<input type="text" value="Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8]"/>		
Appraisal ratings - water adequacy	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>	Status evaluation	<input type="text" value="Functionally obsolete [2]"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="59"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text"/>		
Traffic safety features - transitions	<input type="text"/>		
Traffic safety features - approach guardrail	<input type="text"/>		
Traffic safety features - approach guardrail ends	<input type="text"/>		
Inspection date	<input type="text" value="April 2010 [0410]"/>	Designated inspection frequency	<input type="text" value="12"/> Months
Underwater inspection	<input type="text" value="Not needed [N]"/>	Underwater inspection date	<input type="text"/>
Fracture critical inspection	<input type="text" value="Every two years [Y24]"/>	Fracture critical inspection date	<input type="text" value="April 2010 [0410]"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>

Unit of Measure: **English**
Structure File Number **0432350**
Sufficiency Rating: **24.4 SD**

Bridge Inventory Information
Inventory Bridge Number: **ATB T284A 0005**
ON MILL CREEK

Report Date **03/21/2013** **BM-191** Page: 1 of 2
BR. Type STEEL / TRUSS / PONY (TRUSS)
Date of Last Inventory Update: **08/01/2012**

District: **04** County **ASHTABULA** (101) Location: **.05 MI. N. OF SR307** (102) Facility Carried: **CLAY ROAD**
(2) FIPS Code: **DORSET TWP** (103) Route On Bridge: **TOWNSHIP** (104) Route Under Bridge: **NON-HIGHWAY**
(9) Direction of Traffic: **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.: **T284A** Dir: Des: **MAINLINE** Pref: Approach Spans Number: 0 Type: **NONE / NONE / NONE**
Total Spans: 1 (65) Max Span: **47 Ft** (66) Overall Leng: **50 Ft**

(4) Feature Intersected: **MILL CREEK** (70) Substructure (71) Foundation and Scour Information
(5) County: **ATB** Mileage: **0005** Special Desig: Abut-Rear Matl: **STONE** Type: **GRAVITY** Fnd: **UNKNOWN (OR OLDER BRIDGE BEING ADDED)**
(6) Avg. Daily Traffic(ADT): **100** (7) ADT Year: **1991** Abut-Fwd Matl: **STONE** Type: **GRAVITY** Fnd: **UNKNOWN (OR OLDER BRIDGE BEING ADDED)**
(8) Truck Traf: **5** (14) NHS: **NO - X** (15) Corridor: **N** Pier-Pred Matl: **NONE** Type: **NONE** Fnd: **UNKNOWN (OR OLDER BRIDGE BEING ADDED)**
(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: EVAL SCOUR ABOVE TOP OF FOOTING**
(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: **16.0** 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: **01** Miles
(39) Latitude: **41 Deg 41.3 Min** Longitude: **80 Deg 41.4 Min**
(40) Toll: **ON FREE ROAD**
(41) Date Built: **07/01/1900** (42) Major Rehabilitation:
(43) No. Lanes On: **2** No. Lanes Under: **0**
(44) Horiz Curve: **00 Deg. D00M Min.** (45) Skew: **0** Deg
(49) App. Rdw Width: **18** Ft (50) Brg. Rdw Width: **16.0** Ft
(51) Deck Width: **19.0** Ft Deck Area: **947** 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: **CONCRETE** Type: **SAFETY CURB(<=2')**
(Right) Matl: **CONCRETE** Type: **SAFETY CURB(<=2')**
(56) Flared: **N** (57) Composite:

Load Rating Information (88-89) Appraisal
(48) Design Load: **HS/20** (Including calculated items)
(83) Operating: **37** Ton
Inventory: **27** Ton
Ohio Percent of Legal Load **0** (88) Waterway Adequacy **5**
Year of Rating: **2011** (89) Approach Alignment **5**
(84) Analysis: **LOAD FACTOR (LF)** Calc Gen Appraisal: **0**
(85) Rate Soft: **NO SOFTWARE USED** Analyzed by: Calc Deck Geometry: **3**
Analysis on Bars: **NOT ON BARS [DEFAULT]** Calc Underclearance: **N**

Approach Information
(109) Approach Guardrail: **NONE**
(110) Approach Pavement: **GRAVEL** (111) Grade: **POOR**

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: **OTHER/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: **Y** Freq: **24** Date: **2012-05-04**
(138) Long Member: **TWO TRUSSES (RIVETED)** (135) Hinges: **NOT APPLICABLE**
(141) Structural Steel Memb: **A36** (139) Framing: **NONE**
Railing: **A36**
Paint: **PAINT SYSTEM A**
Pay Wt: **99** pounds Prime Loc: **FIELD**
Bridge Dedicated Name:

Unit of Measure: **English**
 Structure File Number **0432350**
 Sufficiency Rating: **24.4 SD**

Bridge Inventory Information
 Inventory Bridge Number: **ATB T284A 0005**
ON MILL CREEK

Report Date **03/21/2013** BM-191 Page: 2 of 2
 BR. Type **STEEL/TRUSS/PONY (TRUSS)**
 Date of Last Inventory Update: **08/01/2012**

General Information (Continued)				Original Plans Information			
(---) Hist Significance: NOT HISTORIC		(69) NBIS: Y		(142) Fabricator:			
(---) Hist Builder: NONE N/A		Hist Build Year: 1919		(143) Contractor:			
(69) Hist Type: PRATT (RIVETED)				(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: N Repair: N Fabr: N			
(90) Type Work: -		PID Number:		Plan Information Available: ONO PLANS OR INFORMATION AVAILABLE			
(90) Length: Ft		PID Status:		(153) Repair Projects			
(90) Bridge Cost (\$1000s): 0		PID Date:		1. / 020		2. 000000 / 020	
(90) Roadway Cost (\$1000s): 0				4.		5.	
(90) Total Project Cost (\$1000s): 0		(90) Year:		7.		8.	
(91) Future ADT (On Bridge): 0		(92) Year of Future ADT: 2033		10.		9.	
Inspection Summary		(I-69) Survey Items		Utilities		Special Features	
(I-8) Deck: 4	Railings: 0 DOES NOT MEET CURRENT STANDARDS	(46) Electric: U	(161) Lighting: N	(I-32) Superstructure: 4	Transitions: 0 DOES NOT MEET CURRENT STANDARDS	Gas: U	Fencing: N
(I-42) Substructure: 4	Guardrail: 0 DOES NOT MEET CURRENT STANDARDS	Sanitary Sewer: U	Glare-Screen: N	(I-50) Culvert:	Rail Ends: 0 DOES NOT MEET CURRENT STANDARDS	Telephone: U	Glare-Screen: N
(I-54) Channel: 8	In Depth: N NONE N/A	TV Cable: U	Splash-Guard: N	(I-60) Approaches: 5	Fracture Critical: 1 MEETS CURRENT STANDARDS	Water: U	Catwalks: N
(I-66) General Appraisal: 4	Scour Critical: N NONE N/A	Other: U	Other-Feat: U	(I-66) Operational Status: K	Critical Findings: N NONE N/A	(184) Signs-on: N	Other-Feat: U
Inspection Date: 05/04/2012	Insp. Update Date: 08/01/2012	(162) Fence-Ht: 0.0 Ft	(163) Noise Barr: N	(94) Desig Insp Freq: 12 Months			
SFNs Replacing this retired bridge: -				INV Field Bridge Marker: ATB-T284A-0005 -			
SFNs That where replaced by this bridge: -				INT Field Bridge Marker: ---			
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%

STATE OF OHIO DEPARTMENT OF TRANSPORTATION
BRIDGE INSPECTION REPORT

BR-86 REV 02-95

0	4	3	2	3	5	0
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Bridge Number **ATB T284A 0005**
CO ROUTE UNIT

DORSET TWP

Date Built **07/01/1900**

District **04** Bridge Type **STEEL/TRUSS/PONY (TRUSS)**

Type Service **1 15 MILL CREEK**

ATB

DECK		Out/Out 19.0			THCK = 8.0	
1. Floor	1-REINF CONCRT (PRESTRSD	8	3	2. Wearing Surface	2-INTEGRAL CONCRETE (MON	41
					W.S. Date = 01/01/1999	
3. Curbs, Sidewalks, Walkways	1-CONCRETE	9	2	4. Median		42
5. Railing	0-OTHER	10	2	6. Drainage	2-OPENING THRU CURBS OR	43
7. Expansion Joints	N-NONE	11		8. Summary		44
SUPERSTRUCTURE		MAX.SPAN=47				
9. Alignment			1	10. Beams/Girders/Slab	N-N/A (CULVERTS, TRUSSES	45
11. Diaphragms or Crossframes	TOT.LGTH=50			12. Joists/Stringers		46
13. Floor Beams			2	14. Floor Beam Connections		47
15. Verticals			2	16. Diagonals		48
17. End Posts			3	18. Top Chord		49
19. Lower Chord			2	20. Lower Lateral Bracing		50
21. Top Lateral Bracing				22. Sway Bracing		51
23. Portals				24. Bearing Devices	0-OTHER N-NONE	52
25. Arch				26. Arch Columns or Hangers		53
27. Spandrel Walls				28. Protective Coating System	TYPE = 3-PAINT SYSTEM A DATE = 01/01/1989	54
29. Pins/Hangers/Hinges				30. Fatigue Prone Connections		55
31. Live Load Response			S	32. Summary		56
SUBSTRUCTURE		1-STONE		PIERS=0	SPANS = 1	
33. Abutments	1-STONE	24	3	34. Abutment Seats		57
35. Piers	TYPE = N-NONE	25		36. Pier Seats		58
37. Backwalls				38. Wingwalls	ABUTMENT:=UNKNOWN / UNKNOWN	59
39. Fenders and Dolphins				40. Scour	8-STABLE: EVAL SCOUR ABO	60
41. Slope Protection	N-NONE	28		42. Summary	DIVE DT=N/A	62
CULVERTS						
43. General				44. Alignment		63
45. Shape				46. Seams		64
47. Headwalls or Endwalls				48. Scour		65
49.				50. Summary		66
CHANNEL					N-NONE	
51. Alignment			1	52. Protection		67
53. Waterway Adequacy			1	54. Summary		68
APPROACHES						
55. Pavement	4-GRAVEL	35	2	56. Approach Slabs		69
57. Guardrail	N-NONE	36		58. Relief Joints		70
59. Embankment	BRDG.WIDTH=16.0	37	2	60. Summary	PCT.LEGAL=0	71
GENERAL					ROUTINE.RESP: 3-COUNTY	
61. Navigation Lights				62. Warning Signs	MAINT.RESP: 3-COUNTY	72
63. Sign Supports	MVC ON=9999 UND=0000			64. Utilities		73
65. Vertical Clearance			N	66. General Appraisal & Operational Status		74

67. INSPECTED BY

68. REVIEWED BY

SIGNED

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76 PE

R	R	A
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78 INITIALS

SIGNED

		6	6	0	5	4
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81 PE

T	G	P
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83 INITIALS

DOT 2852

DECK AREA 947

Date

0	5	0	4	1	2
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86

91

Date

0	0	0	0	N	1	N	N
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92

69 Survey

99

Date

0	5	0	4	1	2
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100

105

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0	4	3	2	3	5	0
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1 Structure File Number 7

Bridge Number **ATB** **T284A** **0005**
CO ROUTE UNIT

Date Built 07/01/1900

District **04** Bridge Type **STEEL/TRUSS/PONY (TRUSS)**

Type Service **1 15**

MILL CREEK

00 NO REMARKS FOUND FOR THIS INSPECTION.
