

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]	Rome [68224]	.65 MI. E. OF CH9	41-38-06 = 41.635000	080-53-32 = 80.892222
432954	Highway agency district 4	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route #Num!	CALLENDER ROAD	Toll On free road [3]	Features intersected	GRAND RIVER	
Design - main Steel [3]	Design - approach Steel [3]	Kilometerpoint 0 km = 0.0 mi	Year built #Num!	Year reconstructed N/A [0000]	
4	Truss - Thru [10]	3	Girder and floorbeam system [03]	Skew angle 42	Structure Flared
				Historical significance Bridge is eligible for the NRHP. [2]	
Total length 77.1 m = 253.0 ft	Length of maximum span 76.5 m = 251.0 ft	Deck width, out-to-out 4.6 m = 15.1 ft	Bridge roadway width, curb-to-curb 4.6 m = 15.1 ft		
Inventory Route, Total Horizontal Clearance 4.6 m = 15.1 ft	Curb or sidewalk width - left 0 m = 0.0 ft	Curb or sidewalk width - right 0 m = 0.0 ft			
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Bituminous [6]				
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 1.4 km = 0.9 mi	Method to determine inventory rating	No rating analysis performed [5]	Inventory rating	10.7 metric ton = 11.8 tons
	Method to determine operating rating	No rating analysis performed [5]	Operating rating	32.4 metric ton = 35.6 tons
Bridge posting			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="Posted for load [P]"/>	Appraisal ratings - structural	<input type="text" value="Basically intolerable requiring high priority of corrective action [3]"/>
Condition ratings - superstructure	<input type="text" value="Poor [4]"/>	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="Poor [4]"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of replacement [2]"/>
Condition ratings - deck	<input type="text" value="Poor [4]"/>		
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="Superior to present desirable criteria [9]"/>	Status evaluation	<input type="text" value="Structurally deficient [1]"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="4.9"/>
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 **0432954**
Sufficiency Rating: **14.3 SD**

Bridge Inventory Information
Inventory Bridge Number: **ATB T550B 0112**
ON GRAND RIVER

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

District: **04** County **ASHTABULA** (101) Location: **.65 MI. E. OF CH9** (102) Facility Carried: **CALLENDER ROAD**
(2) FIPS Code: **ROME TWP** (103) Route On Bridge: **TOWNSHIP** (104) Route Under Bridge: **NON-HIGHWAY**
(9) Direction of Traffic: **ONE LANE FOR 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: 4 Type: **STEEL / TRUSS / THRU**
Route No.: **T550B** Dir: Des: **MAINLINE** Pref: Approach Spans Number: 3 Type: **STEEL / GIRDER / THRU**
Total Spans: 7 (65) Max Span: **251** Ft (66) Overall Leng: **253** Ft

(4) Feature Intersected: **GRAND RIVER** (70) Substructure (71) Foundation and Scour Information
(5) County: **ATB** Mileage: **0112** Special Desig: Abut-Rear Matl: **CONCRETE** Type: **GRAVITY** Fnd: **UNKNOWN (OR OLDER BRIDGE BEING ADDED)**
(6) Avg. Daily Traffic(ADT): **200** (7) ADT Year: **2004** Abut-Fwd Matl: **CONCRETE** Type: **GRAVITY** Fnd: **UNKNOWN (OR OLDER BRIDGE BEING ADDED)**
(8) Truck Traf: **20** (14) NHS: **NO - X** (15) Corridor: **N** Pier-Pred Matl: **CONCRETE** Type: **GRAVITY** Fnd: **UNKNOWN (OR OLDER BRIDGE BEING ADDED)**
(16) Functional Class: **LOCAL ROAD-RURAL** (19) Strahnt: **Not Applicable** Pier-Other Matl: **NONE** Type: **NONE** Fnd: **UNKNOWN (OR OLDER BRIDGE BEING ADDED)**
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: **03** 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 On the Bridge
(154) Min Hriz on Bridge: NC: **0.0** Ft Card: **15.0** Ft
(155) Prac Max Vert On Brg: **0.6** 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
(78) Min Lat Under Clear: NC: **0.0 / 0.0** Ft Card: **0.0 / 0.0** Ft

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 (88-89) Appraisal
(48) Design Load: **HS/20** (Including calculated Items)
(83) Operating: **36** Ton
Inventory: **12** Ton
Ohio Percent of Legal Load **35** (88) Waterway Adequacy **9**
Year of Rating: **2011** (89) Approach Alignment **5**
(84) Analysis: **ALLOWABLE STRESS OR WORKING STRESS** Calc Gen Appraisal: **3**
(85) Rate Soft: **NO SOFTWARE USED** Analyzed by: Calc Deck Geometry: **2**
Analysis on Bars: **NOT ON BARS [DEFAULT]** Calc Underclearance: **N**

Approach Information
(109) Approach Guardrail: **NONE**
(110) Approach Pavement: **BITUMINOUS** (111) Grade: **FAIR**

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: **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: **Y** Freq: **24** Date: **2012-04-27**
(138) Long Member: **TWO TRUSSES (RIVETED)** (135) Hinges: **NOT APPLICABLE**
(141) Structural Steel Memb: **A36** (139) Framing: **NONE**
Railing: **A36**
Paint: **PAINT SYSTEM A**

(58) Railing: **OTHER**
(59) Deck Drainage: **OVER THE SIDE (W/O DRIP STRIP)**
(60) Deck Type: **REINF CONCRT (PRESTRSD, PRECAST)**
(61) Deck Protection: External: **NONE**
Internal: **NONE**
(62) Wearing Surface: **BITUM (ASPHLT CONCRT)**
Thickness: **1.0** in (119) Date of Wearing Surface: **01/01/1999**
Slope Protection: **NONE-NATURAL PROTECTION(GRASS,BUSHES)**
Pay Wt: **99** pounds Prime Loc: **FIELD**
Bridge Dedicated Name:

Unit of Measure: **English**
 Structure File Number **0432954**
 Sufficiency Rating: **14.3 SD**

Bridge Inventory Information
 Inventory Bridge Number: **ATB T550B 0112**
ON GRAND RIVER

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

General Information (Continued)				Original Plans Information			
(---) Hist Significance: NON-REGISTERED HISTORIC BRIDGE		(69) NBIS: Y		(142) Fabricator:			
(---) Hist Builder: MASSILLON BRIDGE COMPANY		Hist Build Year: 1913		(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: 1PLAN 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: 2030		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	Gas: U	Fencing: N		
(I-32) Superstructure: 3	Transitions: 0 DOES NOT MEET CURRENT STANDARDS	Sanitary Sewer: U	Glare-Screen: N	Telephone: U	Splash-Guard: N		
(I-42) Substructure: 4	Guardrail: 0 DOES NOT MEET CURRENT STANDARDS	TV Cable: U	Catwalks: N	Water: U	Other-Feat: U		
(I-50) Culvert: 0	Rail Ends: 0 DOES NOT MEET CURRENT STANDARDS	Other: U	(184) Signs-on: N				
(I-54) Channel: 8	In Depth: N NONE N/A	(162) Fence-Ht: 0.0 Ft	(163) Noise Barr: N				
(I-60) Approaches: 6	Fracture Critical: 1 MEETS CURRENT STANDARDS						
(I-66) General Appraisal: 3	Scour Critical: N NONE N/A						
(I-66) Operational Status: P	Critical Findings: N NONE N/A						
Inspection Date: 04/27/2012	Insp. Update Date: 08/01/2012						
(94) Desig Insp Freq: 12 Months							
SFNs Replacing this retired bridge: -				INV Field Bridge Marker: ATB-C550B-0112 -			
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	9	5	4
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Bridge Number **ATB T550B 0112**
CO ROUTE UNIT

ROME TWP

Date Built **07/01/1900**

District **04** Bridge Type **STEEL/TRUSS/THRU**

Type Service **1 15 GRAND RIVER**

ATB

DECK		Out/Out 15.0	4	THCK = 1.0		2
1. Floor	1-REINF CONCRT (PRESTRSD	8	4	2. Wearing Surface	6-BITUM (ASPHLT CONCRT)	41
		N-NONE		W.S. Date = 01/01/1999		
3. Curbs, Sidewalks, Walkways	N-NONE	9		4. Median		42
5. Railing	0-OTHER	10	3	6. Drainage	1-OVER THE SIDE (W/O DRI	43
7. Expansion Joints	N-NONE	11		8. Summary		44
SUPERSTRUCTURE		MAX.SPAN=251	2	10. Beams/Girders/Slab		N-N/A (CULVERTS, TRUSSES
9. Alignment		12	2	12. Joists/Stringers		46
		TOT.LGTH=253				3
11. Diaphragms or Crossframes		13	3	14. Floor Beam Connections		47
13. Floor Beams		14	2	16. Diagonals		48
15. Verticals		15	2	18. Top Chord		49
17. End Posts		16	2	20. Lower Lateral Bracing		50
19. Lower Chord		17	2	22. Sway Bracing		51
21. Top Lateral Bracing		18	2	24. Bearing Devices		52
23. Portals		19	2	1-ROLLERS		3
				N-NONE		
25. Arch		20		26. Arch Columns or Hangers		53
27. Spandrel Walls		21		28. Protective Coating System		54
				TYPE = 3-PAINT SYSTEM A		
				DATE = 07/01/1994		
29. Pins/Hangers/Hinges		22		30. Fatigue Prone Connections		55
31. Live Load Response		23	E	32. Summary		56
SUBSTRUCTURE		2-CONCRETE	3	PIERS=3		SPANS = 4
33. Abutments	2-CONCRETE	24	3	34. Abutment Seats		57
35. Piers	TYPE = 2-CONCRETE	25	3	36. Pier Seats		58
37. Backwalls		26	2	38. Wingwalls		59
				ABUTMENT:=UNKNOWN / UNKNOWN		
39. Fenders and Dolphins		27		40. Scour		8-STABLE: EVAL SCOUR ABO 60
41. Slope Protection	N-NONE	28		42. Summary		DIVE DT=N/A
CULVERTS				44. Alignment		63
43. General		29		46. Seams		64
45. Shape		30		48. Scour		65
47. Headwalls or Endwalls		31		50. Summary		66
49.		32				
CHANNEL				52. Protection		N-NONE
51. Alignment		33	1	54. Summary		68
53. Waterway Adequacy		34	1			
APPROACHES		2-BITUMINOUS	2	56. Approach Slabs		69
55. Pavement		35	2	58. Relief Joints		70
57. Guardrail	N-NONE	36		60. Summary		PCT.LEGAL=35
59. Embankment	BRDG.WIDTH=15.0	37	2			71
GENERAL				62. Warning Signs		ROUTINE.RESP: 3-COUNTY
61. Navigation Lights		38		64. Utilities		MAINT.RESP: 3-COUNTY
63. Sign Supports	MVC ON=9999 UND=0000	39		66. General Appraisal & Operational Status		74
65. Vertical Clearance		40	1			COND 3
						STAT P

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 3,800

Date

0	4	2	7	1	2
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86

91

0	0	0	0	N	1	N	N
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92

69 Survey

99

Date

0	4	2	7	1	2
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100

105

STATE OF OHIO DEPARTMENT OF TRANSPORTATION
BRIDGE INSPECTION REPORT

BR-86 REV 02-95

0	4	3	2	9	5	4
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1 Structure File Number 7

Bridge Number **ATB T550B 0112**
CO ROUTE UNIT

Date Built 07/01/1900

District **04** Bridge Type **STEEL/TRUSS/THRU**

Type Service **1 15**

GRAND RIVER

00 NO REMARKS FOUND FOR THIS INSPECTION.
