

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]	Darke County [037]	Adams [00254]	NO DATA	40-06-30 = 40.108333	084-30-00 = - 84.500000
1945696	Highway agency district 7	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route #Num!	North [1]	MILL	Toll On free road [3]	Features intersected GREENVILLE CREEK	
Design - main Steel [3]	Design - approach		Kilometerpoint 0 km = 0.0 mi		
1	Truss - Thru [10]	0	Other [00]	Year built 1881	Year reconstructed N/A [0000]
				Skew angle 0	Structure Flared
				Historical significance Bridge is eligible for the NRHP. [2]	
Total length 41.8 m = 137.1 ft	Length of maximum span 40.2 m = 131.9 ft	Deck width, out-to-out 4.9 m = 16.1 ft	Bridge roadway width, curb-to-curb 4.9 m = 16.1 ft		
Inventory Route, Total Horizontal Clearance 4.8 m = 15.7 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]				
Type of wearing surface	Other [9]				
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 0.5 km = 0.3 mi	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	9.1 metric ton = 10.0 tons
	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	15.2 metric ton = 16.7 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	Posted for load [P]	Appraisal ratings - structural	Basically intolerable requiring high priority of replacement [2]
Condition ratings - superstructure	Poor [4]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Fair [5]		
Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]		
Channel and channel protection	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	Equal to present minimum criteria [6]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	28.2
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions			
Traffic safety features - approach guardrail	Not applicable or a safety feature is not required. [N]		
Traffic safety features - approach guardrail ends	Not applicable or a safety feature is not required. [N]		
Inspection date	November 2012 [1112]	Designated inspection frequency	12 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	August 2011 [0811]
Other special inspection	Not needed [N]	Other special inspection date	

Structure File Number: 1945696

Inventory Bridge Number: DAR T0385 00140 N

BR. Type: STEEL/TRUSS/THRU

Sufficiency Rating: N/A ??

ROUTE CARRIED "ON" THE STRUCTURE GREENVILLE CREEK

Date of Last Inventory Update:

District: 07	County: DARKE	(101) Location: NO DATA	(102) Facility Carried: MILL
(2) FIPS Code: DAR-T-00254-ADAMS TWP		(103) Route On Bridge: NON HIGHWAY TRAFFIC	(104) Route Under Bridge: NON HIGHWAY TRAFFIC ON BRIDGE
(9) Direction of Traffic: HIGHWAY TRAFFIC NOT CARRI	(10) Temporary: N	(11) Truck Network: N	(12) Parallel: N
		(100) Type Serv: (On): PEDESTRIAN-BICYCLE	(Under): WATERWAY
Inventory Route Data			
(3) Route On/Under: ROUTE CARRIED "ON" THE STR	Hwy Sys: NON-HIGHWAY RELATED	(63) Main Spans Number: 1	Type: STEEL/TRUSS/THRU
Route No: T0385	Dir: NOT APPLICABLE	Des: OTHER	Pref: N
(4) Feature Intersected: GREENVILLE CREEK		Approach Spans Number: 0	Type: NONE/NONE/NONE
(5) County: ADA	Mileage: 00140	Special Desig: N	
(6) Avg. Daily Traffic(ADT):	(7) ADT Year:	Total Spans: 1	(65) Max Span: 132 Ft
(8) Truck Traf: (14) NHS: NON-NHS BRG E	(15) Corridor: N		(66) Overall Leng: 137 Ft
(16) Functional Class: PARK OR OTHER PUBLIC RESERVATI	(19) Strahnt: NON-STRAHNET BRIDGES		
Intersected Route Data			
(22) Route On/Under:	Hwy Sys:	(70) Substructure	(71) Foundation and Scour Information
Route No: Dir:	Des: Pref:	Abut-Rear	Matl: STONE
(23) Feature Intersected:		Type: GRAVITY	Fnd: UNKNOWN
(24) County: Mileage: 0000	Special Desig:	Abut-Fwd	Matl: STONE
(25) Avg. Daily Traffic(ADT):	(26) ADT Year:	Type: GRAVITY	Fnd: UNKNOWN
(27) Truck Traf: (28) NHS: -	(29) Corridor: N	Pier-Pred	Matl: NONE
(30) Functional Class:	(36) Strahnt:	Type: NONE	Fnd: UNKNOWN
		Pier-Other	Matl: NONE
		Type: NONE	Fnd: UNKNOWN
		Pier-Other	Matl: NONE
		Type: NONE	Fnd: UNKNOWN
		No of Piers Predominate:	Other:
		(86) Stream Velocity: 00000	(74) Scour: SCOUR WITHIN LIMITS OF FOOTING OR PILES.
		(189) Dive: N Freq: 0	Probe: Y Freq: 0
		(189) Date of last Dive Insp:	(152) Drainage Area: UUU Sq Mi
		(75) Chan Prot: 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: PEDESTRIAN		(88-89) Appraisal	
Opr Rat Fact: 0.000 LD: HS20 LOADING		(Including calculated Items)	
Inv Rat Fact: 0.000 LD: HS20 LOADING			
(83) Ohio Percent of Legal Load: 30		(88) Waterway Adequacy: 6	
Year of Rating: 2009		(89) Approach Alignment: 6	
(84) Analysis: LOAD FACTOR RATING (LFR)		Calc Gen Appraisal: N	
(85) Rate Soft: COMBINATION		Calc Deck Geometry: N	
Analysis on Bars: NOT ON BARS [DEFAULT]		Calc Underclearance: N	
PE#: 41228 JAMES SURBER			
Approach Information			
(109) Approach Guardrail: NONE		(111) Grade: FAIR	
(110) Approach Pavement: BITUMINOUS			
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: SLIDING METAL PLATE ANGLE			
(124) Bearing Devices: ROLLERS			
(126) Navigation: Control-N	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: 10/17/2013	
(138) Long Member: TWO TRUSSES (RIVETED)		(135) Hinges: NOT APPLICABLE (STRUCTURES WITH NO	
(141) Structural Steel Memb: WROUGHT IRON		(139) Framing: NONE OR NOT APPLICABLE	
		Railing: A	
Pay Wt: 0 pounds	Prime Loc: UNKNOWN	Paint: EEU	
Bridge Dedicated Name:			

General Information (Continued)				Original Plans Information			
(---) Hist Significance: ELIGIBLE FOR NATIONAL REGISTER (---) Hist Builder: MASSILLON BRIDGE COMPANY (69) Hist Type: DOUBLE INTERSECTION PRATT (WHIPPLE) (161) Special Features (see below): (105) Border Bridge State: Resp: %(106) SFN:		(69) NBIS: Y Hist Build Year: 1881		(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: 1) / 020			
Proposed Improvements		Programming Info					
(90) Type Work: 31 - REPLACEMENT - LOAD/GEOMETRY		PID Number:					
(90) Length: 137.0 Ft		PID Status:					
(90) Bridge Cost (\$1000s): 140		PID Date:					
(90) Roadway Cost (\$1000s): 10							
(90) Total Project Cost (\$1000s): 150		(90) Year: 1979					
(91) Future ADT (On Bridge): 278		(92) Year of Future ADT: 2033					
Inspection Summary		(I-69) Survey Items		Utilities		Special Features	
(I-8) Deck:	5	Railings:	DOES NOT MEET ACCEPTABLE STANDARDS	(46) Electric:	U	(161) Lighting:	N
(I-32) Superstructure:	4	Transitions:	DOES NOT MEET ACCEPTABLE STANDARDS	Gas:	U	Fencing:	N
(I-42) Substructure:	7	Guardrail:	NA/SAFETY FEATURE NOT REQUIRED	Sanitary Sewer:	U	Glare-Screen:	N
(I-50) Culvert:	N	Rail Ends:	NA/SAFETY FEATURE NOT REQUIRED	Telephone:	U	Splash-Guard:	N
(I-54) Channel:	8	In Depth:		TV Cable:	U	Catwalks:	N
(I-60) Approaches:	6	Fracture Critical:		Water:	U	Other-Feat:	U
(I-66) General Appraisal:	4	Scour Critical:		Other:	U	(184) Signs-On:	N
(I-66) Operational Status:	P	Critical Findings:				Signs-Under:	N
Inspection Date:	7/10/2014	Insp. Update Date:	7/10/2014			(162) Fence-Ht:	0.0
(94) Desig Insp Freq	18 Months					(163) Noise Barr:	N
SFNs Replacing this retired bridge: -				INV Field Bridge Marker: DAR - T0385 - 0014 - N			
SFNs That were replaced by this bridge: -				INT Field Bridge Marker: - - 0000 -			
This bridge was retired and copied to:							
The bridge was copied from:							
(95) Insp: COUNTY AGENCY	2nd: NONE	3rd: NONE					
(96) Maint: COUNTY AGENCY	2nd: NONE	3rd: NONE					
(97) Routine: COUNTY 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: 1945696

DAR
CO

T0385
Route

00140
SLM

DAR-T-00254-ADAMS TWP
FIPS

DATE BUILT 07/01/1881

District 07 STEEL/TRUSSTHRU

Type of Service 1 35 GREENVILLE CREEK

N
SD DAR

DECK

1. Floor	Out/Out 16.0 2-LAMINATED TIMBER STRIP	2	2. Wearing Surface	THCK=0.0 B-CHIP & SEAL - OVERLAY	2
3. Curbs, Sidewalks & Walkways	N-NONE N-NONE		4. Median	W.S. Date = N-NO MEDIAN	
5. Railing	7-STEEL GUARDRAIL ON STEEL, CONCRETE OR TI	2	6. Drainage	2-OPENING THROUGH CURBS OR WHEEL GUARDS	1
7. Expansion Joints	2-SLIDING METAL PLATE ANGLE	2	8. SUMMARY	Deck Area: 2,192	5

SUPERSTRUCTURE

9. Alignment of Members	MAX.SPAN.LENGTH = 132	1	10. Beams/Girders/Slab	N-NOT APPLICABLE (CULVERTS, TRUSSES, ARCHE	
11. Diaphragms or Cross Frames	TOT.LGTH = 137		12. Joist/Stringers		1
13. Floorbeams		2	14. Floorbeam Connections		
15. Verticals		3	16. Diagonals		3
17. End posts			18. Upper Chord		1
19. Lower Chord		2	20. Gusset Plates		
21. Lateral Bracing			22. Sway Bracing		
23. Portals			24. Bearing Devices	1-ROLLERS N-NONE	2
25. Arch			26. Arch Columns or Hangers		
27. Spandrel Walls			28. Protective Coating System (PCS)	TYPE: AEEU DATE = 01/01/1980	2
29. Pins/Hangers/Hinges	ADT: TRUCK: YEAR:		30. Fatigue Prone Detail (E & E')		
31. Live Load Response (E or S)		S	32. SUMMARY		4

SUBSTRUCTURE

33. Abutments	1-STONE 1-STONE	1	34. Abutment Seats	PIERS= # OF SPANS=1	1
35. Piers	TYPE = N-NONE		36. Pier Seats		
37. Backwalls		1	38. Wingwalls	ABUTMENT:=UNKNOWN/UNKNOWN	1
39. Fenders and Dolphins			40. Scour (Insp Type - 1, 2, 3)	5-SCOUR WITHIN LIMITS OF FOOTING OR PILES. 1	1
41. Slope Protection	N-NONE		42. SUMMARY	DIVE DT= N/A	7

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	N-NONE	
53. Hydraulic Opening		1	54. SUMMARY		8

APPROACHES

55. Pavement	2-BITUMINOUS	2	56. Approach Slabs		
57. Guardrail	N-NONE		58. Relief Joint		
59. Embankment	BRDG.WIDTH=16.0	2	60. SUMMARY	PCT.LEGAL= 30	6

GENERAL

61. Navigation Lights			62. Warning Signs	ROUTINE.RESP: 3-COUNTY AGENCY MAINT.RESP: 3-COUNTY AGENCY	1
63. Sign Supports	MVC ON=1800 UND=0000		64. Utilities		
65. Vertical Clearance (1, 2-change, N)			66. General Appraisal & Operational Status		4 P

67. INSPECTED BY

68. REVIEWED BY

Print First & Last Name
Inspected Date: 7/10/2014

PE Number

AR Initial
0 0 N N

Print First & Last Name

41.228
PE Number

JS Initial

Reviewed Date: 12/18/2014

69. Survey (1, 0, N)