

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.
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Basic Information

Ohio [39]	Allen County [003]	Perry [61742]	0.74 MI N OF AMHERST RD	40-38-43 = 40.645278	084-02-47 = - 84.046389
245607	Highway agency district 1	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route #Num!	REAM RD.	Toll	On free road [3]	Features intersected WRESTLE CRK - REAM 10 TO	
Design - main	Concrete [1]	Design - approach		Kilometerpoint	0 km = 0.0 mi
1	Girder and floorbeam system [03]	0	Other [00]	Year built	1930
				Year reconstructed	N/A [0000]
				Skew angle	0
				Structure Flared	
				Historical significance	Bridge is not eligible for the NRHP. [5]
Total length	11.3 m = 37.1 ft	Length of maximum span	10.4 m = 34.1 ft	Deck width, out-to-out	7.3 m = 24.0 ft
Inventory Route, Total Horizontal Clearance	6.3 m = 20.7 ft	Curb or sidewalk width - left	0 m = 0.0 ft	Curb or sidewalk width - right	0 m = 0.0 ft
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Bituminous [6]				
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	6.2 metric ton = 6.8 tons
0.6 km = 0.4 mi	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	19.8 metric ton = 21.8 tons
	Bridge posting	10.0 - 19.9 % below [3]	Design Load	MS 18 / HS 20 [5]

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 corrective action [3]

Condition ratings - superstructure

Poor [4]

Appraisal ratings -
roadway alignment

Equal to present minimum criteria [6]

Condition ratings - substructure

Serious [3]

Appraisal ratings -
deck geometry

Meets minimum tolerable limits to be left in place as is [4]

Condition ratings - deck

Fair [5]

Scour

Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]

Channel and channel protection

Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]

Appraisal ratings - water adequacy

Equal to present desirable criteria [8]

Status evaluation

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

24.1

Culverts

Not applicable. Used if structure is not a culvert. [N]

Traffic safety features - railings

Traffic safety features - transitions

Traffic safety features - approach guardrail

Traffic safety features - approach guardrail ends

Inspection date

October 2012 [1012]

Designated inspection frequency

12

Months

Underwater inspection

Not needed [N]

Underwater inspection date

Fracture critical inspection

Not needed [N]

Fracture critical inspection date

Other special inspection

Not needed [N]

Other special inspection date

Structure File Number: 0245607

Inventory Bridge Number: ALL C0166 00080 N

BR. Type: CONCRETE/GIRDER (FLOOR SYSTEM)/THRU

Sufficiency Rating: 022.1 SD

ROUTE CARRIED "ON" THE STRUCTURE WRESTLE CRK - REAM 10 TON

Date of Last Inventory Update:

District: 01	County: ALLEN	(101) Location: 0.74 MI N OF AMHERST RD	(102) Facility Carried: REAM RD.
(2) FIPS Code: ALL-T-61742-PERRY TWP		(103) Route On Bridge: COUNTY	(104) Route Under Bridge: NON HIGHWAY TRAFFIC ON BRIDGE
(9) Direction of Traffic: 2-WAY TRAFFIC	(10) Temporary: N	(11) Truck Network: N	(12) Parallel: N
		(100) Type Serv: (On): HIGHWAY	(Under): WATERWAY
Inventory Route Data			
(3) Route On/Under: ROUTE CARRIED "ON" THE STR Hwy Sys: COUNTY HIGHWAY (TOWNS		(63) Main Spans Number: 1	Type: CONCRETE/GIRDER (FLOOR SYSTEM)/THRU
Route No: C0166 Dir: NOT APPLICABLE Des: MAINLINE Pref: N		Approach Spans Number: 0	Type: NONE/NONE/NONE
(4) Feature Intersected: WRESTLE CRK - REAM 10 TON		Total Spans: 1	(65) Max Span: 34 Ft (66) Overall Leng: 37 Ft
(5) County: PER Mileage: 00080 Special Desig: N		(70) Substructure	(71) Foundation and Scour Information
(6) Avg. Daily Traffic(ADT): 287 (7) ADT Year: 2009		Abut-Rear Matl: CONCRETE Type: GRAVITY	Fnd: SPREAD FOOTING
(8) Truck Traf: 0 (14) NHS: NON-NHS BRG E (15) Corridor: N		Abut-Fwd Matl: CONCRETE Type: GRAVITY	Fnd: SPREAD FOOTING
(16) Functional Class: RURAL - LOCAL (19) Strahnt: NON-STRAHNET BRIDGES		Pier-Pred Matl: NONE Type: NONE	Fnd: NONE (SUCH AS MOST CULVERTS)
		Pier-Other Matl: NONE Type: NONE	Fnd: NONE (SUCH AS MOST CULVERTS)
		Pier-Other Matl: NONE Type: NONE	Fnd: NONE (SUCH AS MOST CULVERTS)
Intersected Route Data			
(22) Route On/Under:	Hwy Sys:	No of Piers Predominate:	Other:
Route No: Dir: Des: Pref:		(86) Stream Velocity: 00000	(74) Scour: BRIDGE FOUNDATIONS DETERMINED TO BE STAB
(23) Feature Intersected:		(189) Dive: N Freq: 0	Probe: Y Freq: 0 (75) Chan Prot: NONE
(24) County: Mileage: 0000 Special Desig:		(189) Date of last Dive Insp:	(152) Drainage Area: UUU Sq Mi
(25) Avg. Daily Traffic(ADT):	(26) ADT Year:	Clearance Under the Bridge	
(27) Truck Traf: (28) NHS: - (29) Corridor: N		(156) Min. Horiz Under Clear:	NC: 0.0 Ft Card: 0.0 Ft
(30) Functional Class:	(36) Strahnt:	(157) Prac Max Vrt Under Clear:	0.0 Ft
Clearance On the Bridge			
(154) Min. Hriz on Bridge:	NC: 0.0	Card: 20.6 Ft	
(155) Prac Max Vert On Brq:	9999.9 Ft		
(67) Min Vrt Clr On Brq:	NC: 0.0	Card: 9999.9 Ft	
(80) Min Latl Clr:	NC: 0.0/0.0 Ft	Card: 1.2/1.2 Ft	
(81) Vrt Clr Lft:	0.0 Ft		
Structure Information			
(38) Bypass Length: 04 Miles		(83) Ohio Percent of Legal Load: 85	(88) Waterway Adequacy: 8
(39) Latitude: 40 Deg 38 Min 42.85 Sec Longitude: 84 Deg 02 Min 47.59 Sec		Year of Rating: 2012	(89) Approach Alignment: 6
(40) Toll: ON FREE ROAD, THE STRUCTU		(84) Analysis: ALLOWABLE STRESS RATING (ASR) OR WORKING	Calc Gen Appraisal: 3
(41) Date Built: 7/1/1930 (42) Major Rehabilitation:		(85) Rate Soft: COMBINATION	Calc Deck Geometry: 4
(43) No. Lanes On: 2 No. Lanes Under: 0		Analysis on Bars: NOT ON BARS [DEFAULT]	Calc Underclearance: N
(44) Horiz Curve: 00D00M (45) Skew: 0 Deg		PE#: 43709 DANIEL BUCHER	
(49) App. Rdw Width: 22 Ft (50) Brg. Rdw Width: 20.0 Ft		Approach Information	
(51) Deck Width: 24.0 Ft Deck Area: 883 Sq. Ft		(109) Approach Guardrail: NONE	
(52) Median Type: NONE/NON BARRIER/NO JOINT		(110) Approach Pavement: BITUMINOUS	(111) Grade: GOOD
(53) Bridge Median: NO MEDIAN		Culvert Information	
(54) Sidewalks: (left) 0.0 Ft (right) 0.0 Ft		(131) Culvert Type: NOT A CULVERT OR RIGID FRAME	(127) Length: 0.0 Ft
(55) Type Curb or Sidewalks:		(129) Depth of Fill: 0.0 Ft	(130) Headwalls: NONE OR NOT APPLICABLE (NOT A CU
(Left) Matl: NONE Type: NONE OR N/A (RR, PEDESTRIAN, ETC.)		General Information	
(Right) Matl: NONE Type: NONE OR N/A (RR, PEDESTRIAN, ETC.)		(121) Main Member: CONCRETE GIRDER	(122) Moment Plate: NO MOMENT PLATES
(56) Flared: N (57) Composite: N - NON_COMPOSITE		(169) Expansion Joint: NONE	
(58) Railing: REINFORCED CONCRETE POST AND CONCRETE PA		(124) Bearing Devices: NONE	
(59) Deck Drainage: OTHER (NATURAL-OFF THE BRIDGE ENDS)		(126) Navigation: Control-X	Vert Clr: 0.0 Ft Horiz Clear: 0.0 Ft
(60) Deck Type: REINFORCED CONCRETE		(193) Spec Insp: N	Freq: 0 Date:
(61) Deck Protection: External: NONE OR NOT APPLICABLE		(188) Fracture Critical Insp: N	Freq: 0 Date:
Internal: NONE OR NOT APPLICABLE		(138) Long Member: TWO GIRDER BRIDGE	(135) Hinges: NOT APPLICABLE (STRUCTURES WITH NO
(62) Wearing Surface: BITUMINOUS (ASPHALTIC CONCRETE) - OVERLA		(141) Structural Steel Memb: NONE	(139) Framing: NONE OR NOT APPLICABLE
Thickness: 2.0 in (119) Date of Wearing Surface: 7/1/1990			Railing: N
Slope Protection: NONE		Pay Wt: 0 pounds	Prime Loc: NONE (I.E. Paint: NONE OR NOT APPLICABLE
		Bridge Dedicated Name:	

ROUTE CARRIED "ON" THE STRUCTURE WRESTLE CRK - REAM 10 TON

General Information (Continued)				Original Plans Information			
(---) Hist Significance: NOT ELIGIBLE (---) Hist Builder: NONE N/A (69) Hist Type: SHAPED (161) Special Features (see below): (105) Border Bridge State: Resp: %(106) SFN:		(69) NBIS: Y Hist Build Year: 1930		(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:			
Proposed Improvements		Programming Info					
(90) Type Work: -		PID Number: PID Status: PID Date:					
(90) Length: Ft							
(90) Bridge Cost (\$1000s):							
(90) Roadway Cost (\$1000s):							
(90) Total Project Cost (\$1000s):		(90) Year:					
(91) Future ADT (On Bridge): 201		(92) Year of Future ADT: 2032					
Inspection Summary		(I-69) Survey Items		Utilities		Special Features	
(I-8) Deck:	5	Railings:		(46) Electric:	U	(161) Lighting:	N
(I-32) Superstructure:	4	Transitions:		Gas:	U	Fencing:	N
(I-42) Substructure:	3	Guardrail:		Sanitary Sewer:	U	Glare-Screen:	N
(I-50) Culvert:	N	Rail Ends:		Telephone:	U	Splash-Guard:	N
(I-54) Channel:	7	In Depth:		TV Cable:	U	Catwalks:	N
(I-60) Approaches:	5	Fracture Critical:		Water:	U	Other-Feat:	U
(I-66) General Appraisal:	3	Scour Critical:		Other:	U	(184) Signs-On:	N
(I-66) Operational Status:	P	Critical Findings:				Signs-Under:	N
Inspection Date:	12/30/2013	Insp. Update Date:	12/30/2013			(162) Fence-Ht:	0.0
(94) Desig Insp Freq	12 Months					(163) Noise Barr:	N
SFNs Replacing this retired bridge:		-		INV Field Bridge Marker: ALL - C0166 - 0008 - 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: 0245607

ALL
CO

C0166
Route

00080
SLM

ALL-T-61742-PERRY TWP
FIPS

DATE BUILT 07/01/1930

District 01 CONCRETE/GIRDER (FLOOR SYSTEM) Type of Service 1 15 WRESTLE CRK - REAM 10 TON

N
SD ALL

DECK

1. Floor	Out/Out 24.0 1-REINFORCED CONCRETE	2	2. Wearing Surface	THCK=2.0 6-BITUMINOUS (ASPHALTIC CONCRETE) -	2
3. Curbs, Sidewalks & Walkways	N-NONE N-NONE		4. Median	W.S. Date = 07/01/1990 N-NO MEDIAN	
5. Railing	5-REINFORCED CONCRETE POST AND CONCRETE PA	2	6. Drainage	0-OTHER (NATURAL-OFF THE BRIDGE ENDS)	3
7. Expansion Joints	N-NONE		8. SUMMARY	Deck Area: 883	5

SUPERSTRUCTURE

9. Alignment of Members	MAX.SPAN.LENGTH = 34	2	10. Beams/Girders/Slab	5-CONCRETE GIRDER	2
11. Diaphragms or Cross Frames	TOT.LGTH = 37		12. Joist/Stringers		
13. Floorbeams		2	14. Floorbeam Connections		
15. Verticals		2	16. Diagonals		
17. End posts			18. Upper Chord		
19. Lower Chord			20. Gusset Plates		
21. Lateral Bracing			22. Sway Bracing		
23. Portals			24. Bearing Devices	N-NONE N-NONE	
25. Arch			26. Arch Columns or Hangers		
27. Spandrel Walls			28. Protective Coating System (PCS)	TYPE: NNONE OR NOT APPLICABLE DATE =	
29. Pins/Hangers/Hinges	ADT: 287 TRUCK: 0 YEAR: 2009		30. Fatigue Prone Detail (E & E')		
31. Live Load Response (E or S)		S	32. SUMMARY		4

SUBSTRUCTURE

33. Abutments	2-CONCRETE 2-CONCRETE	3	34. Abutment Seats	PIERS= # OF SPANS=1	
35. Piers	TYPE = N-NONE		36. Pier Seats		
37. Backwalls			38. Wingwalls	ABUTMENT:=SPREAD FOOTING/SPREAD FOOTING	3
39. Fenders and Dolphins			40. Scour (Insp Type - 1, 2, 3)	8-BRIDGE FOUNDATIONS DETERMINED TO BE STAB	2
41. Slope Protection	N-NONE		42. SUMMARY	DIVE DT= N/A	3

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		7

APPROACHES

55. Pavement	2-BITUMINOUS	1	56. Approach Slabs		
57. Guardrail	N-NONE		58. Relief Joint		
59. Embankment	BRDG.WIDTH=20.0	3	60. SUMMARY	PCT.LEGAL= 85	5

GENERAL

61. Navigation Lights			62. Warning Signs	ROUTINE.RESP: 3-COUNTY AGENCY MAINT.RESP: 3-COUNTY AGENCY	
63. Sign Supports	MVC ON=9999 UND=0000		64. Utilities		
65. Vertical Clearance (1, 2-change, N)			66. General Appraisal & Operational Status		3 P

67. INSPECTED BY

68. REVIEWED BY

Print First & Last Name
Inspected Date: 12/30/2013

PE Number

JH
Initial
[] [] [] [] [] [] [] [] [] []

Print First & Last Name

66.232
PE Number

BR
Initial

Reviewed Date: 1/1/0001

69. Survey (1, 0, N)