

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]	Portage County [133]	Windham [85960]	5.78 MI E OF SR 88	41-14-05 = 41.234722	081-01-27 = - 81.024167
6704506	Highway agency district 4	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 303	SR 303	Toll On free road [3]	Features intersected	BR EAGLE CREEK	
Design - main Concrete [1]	Design - approach Girder and floorbeam system [03]	Other [00]	Kilometerpoint 3141 km = 1947.4 mi	Year built 1928	Year reconstructed N/A [0000]
1	0		Skew angle 0	Structure Flared	
			Historical significance	Bridge is not eligible for the NRHP. [5]	
Total length 18.9 m = 62.0 ft	Length of maximum span 18.3 m = 60.0 ft	Deck width, out-to-out 9 m = 29.5 ft	Bridge roadway width, curb-to-curb 7 m = 23.0 ft		
Inventory Route, Total Horizontal Clearance 7 m = 23.0 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 0.8 km = 0.5 mi	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	32.4 metric ton = 35.6 tons
	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	40.5 metric ton = 44.6 tons
Bridge posting	Equal to or above legal loads [5]		Design Load	M 13.5 / H 15 [2]

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	Open, no restriction [A]	Appraisal ratings - structural	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Better than present minimum criteria [7]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly. [6]		
Appraisal ratings - water adequacy	Better than present minimum criteria [7]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	68.2
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - transitions	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends	Inspected feature meets currently acceptable standards. [1]		
Inspection date	October 2009 [1009]	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	Every two years [Y24]	Other special inspection date	July 1994 [0794]

Unit of Measure: **English**
Structure File Number **6704506**
Sufficiency Rating: **68.3 fo**

Bridge Inventory Information
Inventory Bridge Number: **POR 00303 1951**
ON BR EAGLE CREEK

Report Date **06/09/2011** **BM-191** Page: 1 of 2
BR. Type CONCRETE / GIRDER / THRU
Date of Last Inventory Update: **06/02/2011**

District: **04** County **PORTAGE** (101) Location: **5.78 MI E OF SR 88** (102) Facility Carried: **SR 303**
(2) FIPS Code: **WINDHAM TWP** (103) Route On Bridge: **STATE (ODOT)** (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: **MIL RES/CORP** (96) Maint: **OHIO TRAN DEPT** (97) Routine: **OHIO TRA** (100) Type Serv: (On): **HIGHWAY** (Under): **WATERWAY**

Inventory Route Data

(3) Route On/Under: **ON** Hwy Sys: **STATE HIGHWAY**
Route No.: **00303** Dir: Des: **MAINLINE** Pref:
(4) Feature Intersected: **BR EAGLE CREEK**
(5) County: **POR** Mileage: **1951** Special Desig:
(6) Avg. Daily Traffic(ADT): **3,000** (7) ADT Year: **2010**
(8) Truck Traf: **160** (14) NHS: **NO - X** (15) Corridor: **N**
(16) Functional Class: **MAJOR COLLECTOR-RURAL** (19) Strahnt: **Not Applicable**

(63) Main Spans Number: 1 Type: **CONCRETE / GIRDER / THRU**
Approach Spans Number: **0** Type: **NONE / NONE / NONE**
Total Spans: 1 (65) Max Span: **60 Ft** (66) Overall Leng: **62 Ft**

Intersected Route Data

(22) Route On/Under: Hwy Sys:
Route No.: Dir: Des: Pref:
(23) Feature Intersected:
(24) County: Mileage: Special Desig:
(25) Avg. Daily Traffic(ADT): **0** (26) ADT Year:
(27) Truck Traf: **0** (28) NHS: - (29) Corridor:
(30) Functional Class: (36) Strahnt: **Not Applicable**

(70) Substructure (71) Foundation and Scour Information
Abut-Rear Matl: **CONCRETE** Type: **GRAVITY** Fnd: **NONE/NOT APPLICABLE (SUCH AS CULVERTS)**
Abut-Fwd Matl: **CONCRETE** Type: **GRAVITY** Fnd: **NONE/NOT APPLICABLE (SUCH AS CULVERTS)**
Pier-Pred Matl: **NONE** Type: **NONE** Fnd: **NONE/NOT APPLICABLE (SUCH AS CULVERTS)**
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)**
No of Piers Predominate: **NN** Other: **NN** Other: **NN**
(86) Stream Velocity: **UUU** (74) Scour: **STABLE: EVAL SCOUR ABOVE TOP OF FOOTING**
(189) Dive: **N Freq: 0** Probe: **Y Freq: 12** (75) Chan Prot: **OTHER-GRASS, BUSHES & TREES**
(189) Date of last Dive Insp: (152) Drainage Area: **UUU Sq Mi**

Clearance Under the Bridge

(154) Min Horiz on Bridge: NC: **0.0 Ft** Card: **23.1 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: **2.0 / 3.1 Ft**
(81) Vrt Clr Lft: **0.0 Ft**

(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

Load Rating Information

(88-89) Appraisal

(154) Min Horiz on Bridge: NC: **0.0 Ft** Card: **23.1 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: **2.0 / 3.1 Ft**
(81) Vrt Clr Lft: **0.0 Ft**

(48) Design Load: **H/15** (Including calculated Items)
(83) Operating: **45 Ton**
Inventory: **36 Ton**
Ohio Percent of Legal Load **150** (88) Waterway Adequacy **7**
Year of Rating: **2004** (89) Approach Alignment **7**
(84) Analysis: **LOAD FACTOR (LF)** Calc Gen Appraisal: **5**
(85) Rate Soft: **BARS** Analyzed by: **EMHT** Calc Deck Geometry: **2**
Analysis on Bars: **LOAD FACTOR ANALYSIS** Calc Underclearance: **N**

Structure Information

(38) Bypass Length: **05 Miles**
(39) Latitude: **41 Deg 14.1 Min** Longitude: **81 Deg 1.5 Min**
(40) Toll: **ON FREE ROAD**
(41) Date Built: **07/01/1928** (42) Major Rehabilitation:
(43) No. Lanes On: **2** No. Lanes Under: **0**
(44) Horiz Curve: **Deg. Min.** (45) Skew: **0 Deg**
(49) App. Rdw Width: **18 Ft** (50) Brg. Rdw Width: **23.1 Ft**
(51) Deck Width: **29.4 Ft** Deck Area: **1819 Sq. Ft**

(109) Approach Guardrail: **STEEL BEAM**
(110) Approach Pavement: **BITUMINOUS** (111) Grade: **GOOD**

Culvert Information

(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: **NONE** Type: **NONE**
(Right) Matl: **NONE** Type: **NONE**
(56) Flared: **N** (57) Composite: **non-composite**

(131) Culvert Type: **NONE/NOT APPLICBLE** (127) Length: **0.0 Ft**
(129) Depth of Fill: **0.0 Ft** (130) Headwalls: **NONE**

General Information

(62) Wearing Surface: **BITUM (ASPHLT CONCR)**
Thickness: **2.0 in** (119) Date of Wearing Surface: **09/09/2002**
Slope Protection: **NONE-NATURAL PROTECTION(GRASS,BUSHES)**

(121) Main Member **CONCRETE GIRDER** (122) Moment Plate: **NONE**
(169) Expansion Joint: **NONE**
(124) Bearing Devices: **NONE/NONE**
(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: **N** Freq: **0** Date:
(138) Long Member: **TWO GIRDER BRIDGE** (135) Hinges: **NOT APPLICABLE**
(141) Structural Steel Memb: **NONE** (139) Framing: **NONE**
Railing: **NONE**
Paint: **NONE**
Pay Wt: **0 pounds** Prime Loc: **NONE**
Bridge Dedicated Name:

Unit of Measure: **English**
 Structure File Number **6704506**
 Sufficiency Rating: **68.3 fo**

Bridge Inventory Information
 Inventory Bridge Number: **POR 00303 1951**
ON BR EAGLE CREEK

Report Date **06/09/2011** **BM-191** Page: 2 of 2
BR. Type CONCRETE/GIRDER/THRU
 Date of Last Inventory Update: **06/02/2011**

General Information (Continued)				Original Plans Information			
(---) Hist Significance: NOT HISTORIC		(69) NBIS: Y		(142) Fabricator:			
(---) Hist Builder: OHIO STATE HIGHWAY DEPARTMENT		Hist Build Year: 1928		(143) Contractor:			
(69) Hist Type: SHAPED				(144) Ohio Original Construction Project No.:			
(161) Special Features (see below):				(---) Microfilm Reel:			
(105) Border Bridge State: Resp % (106) SFN:				(151) Standard Drawing:			
				Aperture Cards: Orig: N Repair: N Fabr: N			
Proposed Improvements		Programming Info		Plan Information Available: 1PLAN INFORMATION AVAILABLE			
(90) Type Work: -		PID Number:		(153) Repair Projects			
(90) Length: Ft		PID Status:		1.	2.	3.	
(90) Bridge Cost (\$1000s): 0		PID Date:		4.	5.	6.	
(90) Roadway Cost (\$1000s): 0				7.	8.	9.	
(90) Total Project Cost (\$1000s): 0		(90) Year:		10.			
(91) Future ADT (On Bridge): 0		(92) Year of Future ADT: 2027					
Inspection Summary		(I-69) Survey Items		Utilities		Special Features	
(I-8) Deck: 6	Railings: 1 MEETS CURRENT STANDARDS	(46) Electric: N		(161) Lighting: N			
(I-32) Superstructure: 5	Transitions: 1 MEETS CURRENT STANDARDS	Gas: N		Fencing: N			
(I-42) Substructure: 7	Guardrail: 1 MEETS CURRENT STANDARDS	Sanitary Sewer: N		Glare-Screen: N			
(I-50) Culvert:	Rail Ends: 1 MEETS CURRENT STANDARDS	Telephone: N		Splash-Guard: N			
(I-54) Channel: 6	In Depth:	TV Cable: N		Catwalks: N			
(I-60) Approaches: 6	Fracture Critical:	Water: N		Other-Feat: N			
(I-66) General Appraisal: 5	Scour Critical:	Other: N		(184) Signs-on: N			
(I-66) Operational Status: A	Critical Findings:			Signs-Under: N			
Inspection Date: 05/14/2010	Insp. Update Date: 10/22/2010			(162) Fence-Ht: 0.0 Ft			
(94) Desig Insp Freq: 12 Months				(163) Noise Barr: N			
SFNs Replacing this retired bridge: -				INV Field Bridge Marker: POR-00303-1958 -			
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
13	CONCRETE DECK - UNPROTECTED W/AC OVERLAY	1	EA	0	0	0	0	0
215	REINFORCED CONC ABUTMENT	59	LF	0	0	0	0	0
321	REINFORCED CONCRETE APPROACH SLAB	2	EA	0	0	0	0	0
331	CONCRETE BRIDGE RAILING	124	LF	0	0	0	0	0

(*) Percentages Should add to 100%

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6	7	0	4	5	0	6
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Bridge Number **POR 00303 1951**
CO ROUTE UNIT

WINDHAM TWP

Date Built **07/01/1928**

District **04** Bridge Type **CONCRETE/GIRDER/THRU**

Type Service **1 15 BR EAGLE CREEK**

POR

DECK		Out/Out 29.4	2	THCK = 2.0		1
1. Floor	1-REINF CONCRT (PRESTRSD	8		2. Wearing Surface	6-BITUM (ASPHLT CONCRT)	41
		N-NONE		W.S. Date = 09/09/2002		
3. Curbs, Sidewalks, Walkways		N-NONE	9	4. Median		42
5. Railing	5-REINF CONCR POST & CON	10	1	6. Drainage	4-INLETS W/DRN PIPES	43
7. Expansion Joints		N-NONE	11	8. Summary		44
SUPERSTRUCTURE		MAX.SPAN=60	1			2
9. Alignment			12	10. Beams/Girders/Slab	5-CONCRETE GIRDER	45
		TOT.LGTH=62				
11. Diaphragms or Crossframes			13	12. Joists/Stringers		46
13. Floor Beams			14	14. Floor Beam Connections		47
15. Verticals			15	16. Diagonals		48
17. End Posts			16	18. Top Chord		49
19. Lower Chord			17	20. Lower Lateral Bracing		50
21. Top Lateral Bracing			18	22. Sway Bracing		51
23. Portals			19	24. Bearing Devices	N-NONE	52
25. Arch			20	26. Arch Columns or Hangers		53
27. Spandrel Walls			21	28. Protective Coating System	TYPE = N-NONE DATE =	54
29. Pins/Hangers/Hinges			22	30. Fatigue Prone Connections		55
31. Live Load Response			23	32. Summary		56
SUBSTRUCTURE		2-CONCRETE	1	PIERS=0 SPANS = 1		
33. Abutments	2-CONCRETE	24		34. Abutment Seats		57
35. Piers	TYPE = N-NONE	25		36. Pier Seats		58
37. Backwalls		26		38. Wingwalls	ABUTMENT:=NONE/NO / NONE/NO	59
39. Fenders and Dolphins		27		40. Scour	8-STABLE: EVAL SCOUR ABO	60
41. Slope Protection	N-NONE	28		42. Summary		62
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
53. Waterway Adequacy		34	1	54. Summary		68
APPROACHES						
55. Pavement	2-BITUMINOUS	35	2	56. Approach Slabs		69
57. Guardrail	1-STEEL BEAM	36	2	58. Relief Joints		70
59. Embankment	BRDG.WIDTH=23.1	37	2	60. Summary		71
GENERAL				ROUTINE.RESP: 1-OHIO TRAN DEPT		
61. Navigation Lights		38		62. Warning Signs	MAINT.RESP: 1-OHIO TRAN DEPT	72
63. Sign Supports	MVC ON=9999 UND=0000	39		64. Utilities		73
65. Vertical Clearance		40	N	66. General Appraisal & Operational Status		74

67. INSPECTED BY

68. REVIEWED BY

SIGNED

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76 PE

R	A	B
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78 INITIALS

SIGNED

	5	1	4	8	2
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81 PE

D	E	S
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83 INITIALS

DOT 2852

DECK AREA 1,819

Date

0	5	1	4	1	0
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86

91

1	1	1	1		
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92

69 Survey

99

Date

1	0	2	2	1	0
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100

105

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1 Structure File Number 7

Bridge Number **POR** **00303** **1951**
CO ROUTE UNIT

Date Built 07/01/1928

District **04** Bridge Type **CONCRETE/GIRDER/THRU**

Type Service **1 15**

BR EAGLE CREEK

Deck	1. SPALLS HAVE DEVELOPED.
Deck	5. CRACKS DEVELOPING AT PATCHED AREAS.
Superstructure	10. FIRST BEAM FROM REAR ABUTMENT HAS A SPALL WITH REBAR
Superstructure	EXPOSED.
Substructure	38. CRACKS WITH EFFL. SPALLING WITH REBAR EXPOSED.
Culverts	49. FLOW S TO N R TO L.
Channel	51. SANDBAR AT INLET, WATER IS UP AGAINST THE FORWARD
Channel	ABUTMENT, THERE IS SILT BUILDUP AGAINST THE REAR ABUTMENT.
Channel	52. MINOR EROSION.
Approaches	55. CRACKS.
Approaches	57. SOME ROTTED POSTS, RAIL IS A LITTLE LOW.
Approaches	59. MINOR EROSION BEHIND WINGS, FORWARD RIGHT IS THE WORST.
General	DIGITAL PICTURES TAKEN 1999, 2003, 2005, 2009.
