

Unit of Measure: **English**  
Structure File Number **0732141**  
Sufficiency Rating: **N/A ??**

**Bridge Inventory Information**  
Inventory Bridge Number: **BEL 00649 0025**  
**ON WHEELING CREEK**

Report Date **02/17/2011** **BM-191** Page: 1 of 2  
**BR. Type STONE / ARCH / FILLED**  
Date of Last Inventory Update: **01/15/2010**

District: **11** County **BELMONT** (101) Location: **0.25 MI W OF JCT US 40** (102) Facility Carried: **TR 649**  
(2) FIPS Code: **PEASE TWP** (103) Route On Bridge: **NON-HIGHWAY** (104) Route Under Bridge: **NON-HIGHWAY**  
(9) Direction of Traffic: **HIGHWAY TRAFFIC NOT CARRIED** (10) Temporary: **N** (11) Truck Network: **N** (12) Parallel: **N**  
(95) Insp: **COUNTY** (96) Maint: **COUNTY** (97) Routine: **COUNTY** (100) Type Serv: (On): **PEDESTRIAN AND/OR BI** (Under): **WATERWAY**

**Inventory Route Data**  
(3) Route On/Under: **ON** Hwy Sys: **NON-HIGHWAY RELATED**  
Route No.: **00649** Dir: Des: **OTHER** Pref:  
(4) Feature Intersected: **WHEELING CREEK**  
(5) County: **PEA** Mileage: **0025** Special Desig:  
(6) Avg. Daily Traffic(ADT): **0** (7) ADT Year: **0**  
(8) Truck Traf: **0** (14) NHS: **NO - X** (15) Corridor: **N**  
(16) Functional Class: **PARK OR PUBLIC RESERVATION** (19) Strahnt: **Not Applicable**

(63) Main Spans Number: **3** Type: **STONE / ARCH / FILLED**  
Approach Spans Number: **0** Type: **NONE / NONE / NONE**  
Total Spans: **3** (65) Max Span: **44** Ft (66) Overall Leng: **143** Ft  
(70) Substructure (71) Foundation and Scour Information  
Abut-Rear Matl: **NONE** Type: **NONE** Fnd: **UNKNOWN (OR OLDER BRIDGE BEING ADDED)**  
Abut-Fwd Matl: **NONE** Type: **NONE** Fnd: **UNKNOWN (OR OLDER BRIDGE BEING ADDED)**  
Pier-Pred Matl: **STONE** Type: **GRAVITY** Fnd: **UNKNOWN (OR OLDER BRIDGE BEING ADDED)**  
Pier-Other Matl: **NONE** Type: **NONE** Fnd: **UNKNOWN (OR OLDER BRIDGE BEING ADDED)**  
Pier-Other Matl: **NONE** Type: **NONE** Fnd: **UNKNOWN (OR OLDER BRIDGE BEING ADDED)**  
No of Piers Predominate: **02** 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: **NONE**  
(189) Date of last Dive Insp: (152) Drainage Area: **UUUU** Sq Mi

**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**

**Clearance Under the Bridge**  
(156) Min. Horiz Under Clear: NC: **0.0** Ft Card: **27.0** 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: **27.0** Ft  
(155) Prac Max Vert On Brg: **0.0** 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

**Load Rating Information (88-89) Appraisal**  
(48) Design Load: **PEDESTRIAN** (Including calculated items)  
(83) Operating: **0** Ton  
Inventory: **0** Ton  
Ohio Percent of Legal Load **0** (88) Waterway Adequacy **6**  
Year of Rating: **1993** (89) Approach Alignment **4**  
(84) Analysis: **ENGINEERING JUDGEMENT [DEFAULT]** Calc Gen Appraisal: **6**  
(85) Rate Soft: **NO SOFTWARE USED** Analyzed by: Calc Deck Geometry: **\***  
Analysis on Bars: **NOT ON BARS [DEFAULT]** Calc Underclearance: **N**

**Structure Information**  
(38) Bypass Length: **00** Miles  
(39) Latitude: **40 Deg 4.0 Min** Longitude: **80 Deg 49.3 Min**  
(40) Toll: **NONE/NOT APPLICABLE**  
(41) Date Built: **UUUU** (42) Major Rehabilitation: **07/01/1915**  
(43) No. Lanes On: **0** No. Lanes Under: **0**  
(44) Horiz Curve: **00 Deg. 00 Min.** (45) Skew: **0** Deg  
(49) App. Rdw Width: **32** Ft (50) Brg. Rdw Width: **27.0** Ft  
(51) Deck Width: **30.7** Ft Deck Area: **4392** 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: **NONE** Type: **NONE**  
(Right) Matl: **NONE** Type: **NONE**  
(56) Flared: **N** (57) Composite:  
(58) Railing: **OTHER**  
(59) Deck Drainage: **OTHER-NATURAL(OFF THE BRIDGE ENDS)**  
(60) Deck Type: **OTHER**  
(61) Deck Protection: External: **NONE**  
Internal: **NONE**  
(62) Wearing Surface: **OTHER**  
Thickness: **4.0** in (119) Date of Wearing Surface:

**Approach Information**  
(109) Approach Guardrail: **OTHER**  
(110) Approach Pavement: **OTHER** (111) Grade: **GOOD**

**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: **NONE/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: **N** Freq: **0** Date:  
(138) Long Member: **OTHER** (135) Hinges: **NOT APPLICABLE**  
(141) Structural Steel Memb: **NONE** (139) Framing: **NONE**  
Railing: **NONE**  
Paint: **NONE**  
Pay Wt: **0** pounds Prime Loc: **NONE**

Unit of Measure: **English**  
 Structure File Number **0732141**  
 Sufficiency Rating: **N/A ??**

**Bridge Inventory Information**  
 Inventory Bridge Number: **BEL 00649 0025**  
**ON WHEELING CREEK**

Report Date **02/17/2011** BM-191 Page: 2 of 2  
 BR. Type **STONE/ARCH/FILLED**  
 Date of Last Inventory Update: **01/15/2010**

General Information (Continued)				Original Plans Information			
(---) Hist Significance: <b>NON-REGISTERED HISTORIC BRIDGE</b>		(69) NBIS: <b>Y</b>		(142) Fabricator:			
(---) Hist Builder: <b>UNKNOWN</b>		Hist Build Year: <b>1826</b>		(143) Contractor:			
(69) Hist Type: <b>STONE</b>				(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: <b>N</b> Repair: <b>N</b> Fabr: <b>N</b>			
(90) Type Work: -		PID Number: <b>18901</b>		Plan Information Available: <b>ONO PLANS OR INFORMATION AVAILABLE</b>			
(90) Length: Ft		PID Status: <b>PROGRAM</b>		(153) Repair Projects			
(90) Bridge Cost (\$1000s): <b>0</b>		PID Date: <b>09/16/1999</b>		1. / <b>MMM</b>	2. / <b>039</b>	3. / <b>099</b>	
(90) Roadway Cost (\$1000s): <b>0</b>				4.	5.	6.	
(90) Total Project Cost (\$1000s): <b>0</b>		(90) Year:		7.	8.	9.	
(91) Future ADT (On Bridge): <b>0</b>		(92) Year of Future ADT: <b>2028</b>		10.			
Inspection Summary		(I-69) Survey Items		Utilities		Special Features	
(I-8) Deck: <b>6</b>	Railings: <b>0 DOES NOT MEET CURRENT STANDARDS</b>	(46) Electric: <b>U</b>	(161) Lighting: <b>N</b>				
(I-32) Superstructure: <b>6</b>	Transitions: <b>0 DOES NOT MEET CURRENT STANDARDS</b>	Gas: <b>U</b>	Fencing: <b>N</b>				
(I-42) Substructure: <b>6</b>	Guardrail: <b>0 DOES NOT MEET CURRENT STANDARDS</b>	Sanitary Sewer: <b>U</b>	Glare-Screen: <b>N</b>				
(I-50) Culvert: <b>6</b>	Rail Ends: <b>0 DOES NOT MEET CURRENT STANDARDS</b>	Telephone: <b>U</b>	Splash-Guard: <b>N</b>				
(I-54) Channel: <b>6</b>	Pavement Mark: <b>0 DOES NOT MEET CURRENT STANDARDS</b>	TV Cable: <b>U</b>	Catwalks: <b>N</b>				
(I-60) Approaches: <b>6</b>	Restrict Sign: <b>0 DOES NOT MEET CURRENT STANDARDS</b>	Water: <b>U</b>	Other-Feat: <b>U</b>				
(I-66) General Appraisal: <b>6</b>	Warning Sign: <b>1 MEETS CURRENT STANDARDS</b>	Other: <b>U</b>	(184) Signs-on: <b>N</b>				
(I-66) Operational Status: <b>K</b>	End Markers: <b>0 DOES NOT MEET CURRENT STANDARDS</b>		Signs-Under: <b>N</b>				
Inspection Date: <b>04/01/2010</b>	Insp. Update Date: <b>06/09/2010</b>		(162) Fence-Ht: <b>0.0 Ft</b>				
(94) Desig Insp Freq: <b>12 Months</b>			(163) Noise Barr: <b>N</b>				
SFNs Replacing this retired bridge: -				INV Field Bridge Marker: <b>BEL-T0649-0025 -</b>			
SFNs That where replaced by this bridge: -				INT Field Bridge Marker: <b>---</b>			
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	7	3	2	1	4	1
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Bridge Number **BEL 00649 0025**  
CO ROUTE UNIT

PEASE TWP

Date Built UUUU - 1915

District **11** Bridge Type **STONE/ARCH/FILLED**

Type Service **1 35 WHEELING CREEK**

**BEL**

<b>DECK</b>		Out/Out 30.7	2	THCK = 4.0	2
1. Floor	0-OTHER 8			2. Wearing Surface	0-OTHER 41
3. Curbs, Sidewalks, Walkways	N-NONE 9			4. Median	W.S. Date = 42
5. Railing	0-OTHER 10		1	6. Drainage	0-OTHER-NATURAL(OFF THE 43
7. Expansion Joints	N-NONE 11			<b>8. Summary</b>	44
<b>SUPERSTRUCTURE</b>		MAX.SPAN=44	2		
9. Alignment				10. Beams/Girders/Slab	N-N/A (CULVERTS, TRUSSES 45
11. Diaphragms or Crossframes	TOT.LGTH=143			12. Joists/Stringers	46
13. Floor Beams				14. Floor Beam Connections	47
15. Verticals				16. Diagonals	48
17. End Posts				18. Top Chord	49
19. Lower Chord				20. Lower Lateral Bracing	50
21. Top Lateral Bracing				22. Sway Bracing	51
23. Portals				24. Bearing Devices	N-NONE N-NONE 52
25. Arch			2	26. Arch Columns or Hangers	53
27. Spandrel Walls			2	28. Protective Coating System	TYPE = N-NONE DATE = 54
29. Pins/Hangers/Hinges				30. Fatigue Prone Connections	55
31. Live Load Response				<b>32. Summary</b>	56
<b>SUBSTRUCTURE</b>		N-NONE		PIERS=2	SPANS = 3
33. Abutments	N-NONE 24			34. Abutment Seats	57
35. Piers	TYPE = 1-STONE 25		2	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			<b>42. Summary</b>	DIVE DT=N/A 62
<b>CULVERTS</b>					
43. General				44. Alignment	63
45. Shape				46. Seams	64
47. Headwalls or Endwalls				48. Scour	65
49.				50. Summary	66
<b>CHANNEL</b>					N-NONE
51. Alignment			2	52. Protection	67
53. Waterway Adequacy			1	<b>54. Summary</b>	68
<b>APPROACHES</b>					
55. Pavement	0-OTHER 35		2	56. Approach Slabs	69
57. Guardrail	0-OTHER 36		2	58. Relief Joints	70
59. Embankment	BRDG.WIDTH=27.0 37		1	<b>60. Summary</b>	PCT.LEGAL=0 71
<b>GENERAL</b>					
61. Navigation Lights				62. Warning Signs	ROUTINE.RESP: 3-COUNTY MAINT.RESP: 3-COUNTY 72
63. Sign Supports	MVC ON=9999 UND=0000			64. Utilities	73
65. Vertical Clearance		N		<b>66. General Appraisal &amp; Operational Status</b>	COND STAT 6 K 74

67. INSPECTED BY

68. REVIEWED BY

SIGNED

5	4	4	0	4
---	---	---	---	---

76 PE

M	E	W
---	---	---

78 INITIALS

SIGNED

3	0	3	7	9
---	---	---	---	---

81 PE

F	F	B
---	---	---

83 INITIALS

DOT 2852

DECK AREA 4,392

Date

0	4	0	1	1	0
---	---	---	---	---	---

86

91

0	0	0	0	0	0	1	0
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92

69 Survey

99

Date

0	4	0	7	1	0
---	---	---	---	---	---

100

105

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**BRIDGE INSPECTION REPORT**

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

Bridge Number **BEL** **00649** **0025**  
CO ROUTE UNIT

**Date Built UUUU - 1915**

District **11** Bridge Type **STONE/ARCH/FILLED**

Type Service **1 3 5**

**WHEELING CREEK**

00 NO REMARKS FOUND FOR THIS INSPECTION.

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