

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] Fulton County [051] Franklin [28294] .9 MILE WEST OF ROAD 25-2 41-35-24 = 41.590000 084-22-12 = - 84.370000

2631008 Highway agency district 2 Owner County Highway Agency [02] Maintenance responsibility County Highway Agency [02]

Route #Num! COUNTY ROAD HJ Toll On free road [3] Features intersected BATES CREEK

Design - main Steel [3] Design - approach Other [00] Kilometerpoint 0 km = 0.0 mi

1 Truss - Thru [10] 0 Other [00] Year built 1920 Year reconstructed N/A [0000]

Skew angle 0 Structure Flared

Historical significance Bridge is not eligible for the NRHP. [5]

Total length 13.1 m = 43.0 ft Length of maximum span 12.5 m = 41.0 ft Deck width, out-to-out 4.7 m = 15.4 ft Bridge roadway width, curb-to-curb 4.7 m = 15.4 ft

Inventory Route, Total Horizontal Clearance 4.7 m = 15.4 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 Bituminous [6]

Deck protection

Type of membrane/wearing surface

Weight Limits

Bypass, detour length 0.3 km = 0.2 mi Method to determine inventory rating Allowable Stress(AS) [2] Inventory rating 6.2 metric ton = 6.8 tons

Method to determine operating rating Allowable Stress(AS) [2] Operating rating 9.1 metric ton = 10.0 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 corrective action [3]

Condition ratings - superstructure

Fair [5]

Appraisal ratings -
roadway alignment

Somewhat better than minimum adequacy to tolerate being left in place as is [5]

Condition ratings - substructure

Satisfactory [6]

Appraisal ratings -
deck geometry

Better than present minimum criteria [7]

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

31.3

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 2010 [1010]

Designated inspection frequency

12

Months

Underwater inspection

Not needed [N]

Underwater inspection date

Fracture critical inspection

Every two years [Y24]

Fracture critical inspection date

October 2010 [1010]

Other special inspection

Not needed [N]

Other special inspection date

Unit of Measure: **English**
Structure File Number **2631008**
Sufficiency Rating: **41.5 fo**

Bridge Inventory Information
Inventory Bridge Number:**FUL THJ25 5290**
ON BATES CREEK

Report Date **01/08/2014** BM-191 Page: 1 of 2
BR. Type STEEL / TRUSS / PONY (TRUSS)
Date of Last Inventory Update: **12/24/2013**

District: **02** County **FULTON** (101) Location: **.9 MILE WEST OF ROAD 25-2** (102) Facility Carried: **COUNTY ROAD HJ**
(2)FIPS Code: **FRANKLIN 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: 1 Type: **STEEL / TRUSS / PONY (TRUSS)**
Route No.: **THJ25** Dir: Des: **MAINLINE** Pref: Approach Spans Number: 0 Type: **NONE / NONE / NONE**
Total Spans: 1 (65) Max Span: **41 Ft** (66) Overall Leng: **43 Ft**

(4) Feature Intersected: **BATES CREEK** (70) Substructure (71) Foundation and Scour Information
(5) County: **HJ2** Mileage: **5290** Special Desig: Abut-Rear Matl: **CONCRETE** Type: **GRAVITY** Fnd: **UNKNOWN (OR OLDER BRIDGE BEING ADDED)**
(6) Avg. Daily Traffic(ADT): **25** (7) ADT Year: **1999** Abut-Fwd Matl: **CONCRETE** Type: **GRAVITY** Fnd: **UNKNOWN (OR OLDER BRIDGE BEING ADDED)**
(8) Truck Traf: **1** (14) NHS: **NO - X** (15) Corridor: **N** Pier-Pred Matl: **NONE** Type: **NONE** 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: **UNKNOWN (OR OLDER BRIDGE BEING ADDED)**

Intersected Route Data
(22) Route On/Under: Hwy Sys: No of Piers Predominate: **NN** Other: **NN** Other: **NN**
Route No.: Dir: Des: Pref: (86) Stream Velocity: **000.0** (74) Scour: **STABLE: SCOUR WITHIN LIMITS OF FOOT/PILE**
(23) Feature Intersected: (189) Dive: **N Freq: 0** Probe: **Y Freq: 12** (75) Chan Prot: **OTHER-GRASS, BUSHES & TREES**
(24) County: Mileage: Special Desig: (189) Date of last Dive Insp: (152) Drainage Area: **009** 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: **15.5** 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: **0.3 / 0.3** Ft
(81) Vrt Clr Lft: **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: **UNKNOWN [DEFAULT]** (Including calculated Items)
(83) Operating: **10** Ton
Inventory: **7** Ton
Ohio Percent of Legal Load **50** (88) Waterway Adequacy **7**
Year of Rating: **2010** (89) Approach Alignment **8**
(84) Analysis: **ALLOWABLE STRESS OR WORKING STRESS** Calc Gen Appraisal: **3**
(85) Rate Soft: **BARS** Analyzed by: **BCR** Calc Deck Geometry: **7**
Analysis on Bars: **NOT ON BARS [DEFAULT]** Calc Underclearance: **N**

Approach Information
(109) Approach Guardrail: **NONE**
(110) Approach Pavement: **BRICK** (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 **RIVETED BUILT-UP STEEL** (122) Moment Plate: **NONE**
(169) Expansion Joint: **NONE**
(124) Bearing Devices: **OTHER/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: **2012-10-25**
(138) Long Member: **TWO TRUSSES (RIVETED)** (135) Hinges: **PINS AND HANGERS**
(141) Structural Steel Memb: **UNKNOWN** (139) Framing: **NONE**
Railing: **UNKNOWN**
Paint: **METALIZED (ALUM./ZINC)**
(62) Wearing Surface: **BITUM (ASPHLT CONCRT)**
Thickness: **1.0** in (119) Date of Wearing Surface:
Slope Protection: **NONE-NATURAL PROTECTION(GRASS,BUSHES)**
Pay Wt: **11,707** pounds Prime Loc: **UNKNOWN**
Bridge Dedicated Name:

Unit of Measure: **English**
 Structure File Number **2631008**
 Sufficiency Rating: **41.5 fo**

Bridge Inventory Information
 Inventory Bridge Number: **FUL THJ25 5290**
ON BATES CREEK

Report Date **01/08/2014** BM-191 Page: 2 of 2
BR. Type STEEL/TRUSS/PONY (TRUSS)
 Date of Last Inventory Update: **12/24/2013**

General Information (Continued)				Original Plans Information			
(---) Hist Significance: NOT DETERMINED		(69) NBIS: Y		(142) Fabricator:			
(---) Hist Builder: UNKNOWN		Hist Build Year: 1920		(143) Contractor:			
(69) Hist Type: PRATT PONY				(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: 6	Railings: 0 DOES NOT MEET CURRENT STANDARDS	(46) Electric: U	(161) Lighting: N				
(I-32) Superstructure: 5	Transitions: 0 DOES NOT MEET CURRENT STANDARDS	Gas: U	Fencing: N				
(I-42) Substructure: 6	Guardrail: 0 DOES NOT MEET CURRENT STANDARDS	Sanitary Sewer: U	Glare-Screen: N				
(I-50) Culvert:	Rail Ends: 0 DOES NOT MEET CURRENT STANDARDS	Telephone: U	Splash-Guard: N				
(I-54) Channel: 4	In Depth: N NONE N/A	TV Cable: U	Catwalks: N				
(I-60) Approaches: 5	Fracture Critical: N NONE N/A	Water: U	Other-Feat: U				
(I-66) General Appraisal: 5	Scour Critical: N NONE N/A	Other: U	(184) Signs-on: N				
(I-66) Operational Status: P	Critical Findings: N NONE N/A		Signs-Under: N				
Inspection Date: 12/04/2013	Insp. Update Date: 12/24/2013		(162) Fence-Ht: 0.0 Ft				
(94) Desig Insp Freq: 12 Months			(163) Noise Barr: N				
SFNs Replacing this retired bridge: -							
SFNs That where replaced by this bridge: -							
This bridge was retired and copied to:							
The bridge was copied from:				INV Field Bridge Marker: FUL-THJ25-5290 -			
				INT Field Bridge Marker: ---			

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

2	6	3	1	0	0	8
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Bridge Number **FUL THJ25 5290**
CO ROUTE UNIT

FRANKLIN TWP

Date Built **07/01/1920**

District **02** Bridge Type **STEEL/TRUSS/PONY (TRUSS)**

Type Service **1 15 BATES CREEK**

FUL

DECK		Out/Out 15.5	2	THCK = 1.0		2
1. Floor	2-LAMINATED TIMBER STRIP	8	2	2. Wearing Surface	6-BITUM (ASPHLT CONCRT)	41
		N-NONE		W.S. Date =		
3. Curbs, Sidewalks, Walkways		N-NONE	9	4. Median		42
5. Railing		0-OTHER	10	6. Drainage	1-OVER THE SIDE (W/O DRI	43
7. Expansion Joints		N-NONE	11	8. Summary		44
SUPERSTRUCTURE		MAX.SPAN=41	2			2
9. Alignment			12	10. Beams/Girders/Slab	2-RIVETED BUILT-UP STEEL	45
		TOT.LGTH=43				
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	0-OTHER N-NONE	52
25. Arch			20	26. Arch Columns or Hangers		53
27. Spandrel Walls			21	28. Protective Coating System	TYPE = 7-METALIZED (ALUM./ZINC) DATE = 01/01/2000	54
29. Pins/Hangers/Hinges			22	30. Fatigue Prone Connections		55
31. Live Load Response			23	32. Summary		56
SUBSTRUCTURE		2-CONCRETE	2	PIERS=0 SPANS = 1		2
33. Abutments	2-CONCRETE	24	2	34. Abutment Seats		57
35. Piers	TYPE = N-NONE	25	2	36. Pier Seats		58
37. Backwalls		26	2	38. Wingwalls	ABUTMENT:=UNKNOWN / UNKNOWN	59
39. Fenders and Dolphins		27	2	40. Scour	5-STABLE: SCOUR WITHIN L	60
41. Slope Protection	N-NONE	28	2	42. Summary		62
				DIVE DT=N/A		
CULVERTS						
43. General		29	2	44. Alignment		63
45. Shape		30	2	46. Seams		64
47. Headwalls or Endwalls		31	2	48. Scour		65
49.		32	2	50. Summary		66
CHANNEL				0-OTHER-GRASS, BUSHES & TREES		
51. Alignment		33	3	52. Protection		67
53. Waterway Adequacy		34	3	54. Summary		68
APPROACHES						
55. Pavement	3-BRICK	35	2	56. Approach Slabs		69
57. Guardrail	N-NONE	36	2	58. Relief Joints		70
59. Embankment	BRDG.WIDTH=15.5	37	2	60. Summary		71
				PCT.LEGAL=50		
GENERAL				ROUTINE.RESP: 3-COUNTY		
61. Navigation Lights		38	2	62. Warning Signs	MAINT.RESP: 3-COUNTY	72
63. Sign Supports	MVC ON=9999 UND=0000	39	2	64. Utilities		73
65. Vertical Clearance		40	N	66. General Appraisal & Operational Status		74

67. INSPECTED BY

68. REVIEWED BY

SIGNED

7	4	3	1	9
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76 PE

B	C	R
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78 INITIALS

SIGNED

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81 PE

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83 INITIALS

DOT 2852

DECK AREA 667

Date

1	2	0	4	1	3
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86

91

0	0	0	0	N	N	N	N
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92

69 Survey

99

Date

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100

105

STATE OF OHIO DEPARTMENT OF TRANSPORTATION
BRIDGE INSPECTION REPORT

BR-86 REV 02-95

2	6	3	1	0	0	8
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1 Structure File Number 7

Bridge Number **FUL THJ25 5290**
CO ROUTE UNIT

Date Built 07/01/1920

District **02** Bridge Type **STEEL/TRUSS/PONY (TRUSS)**

Type Service **1 15**

BATES CREEK

00 NO REMARKS FOUND FOR THIS INSPECTION.
