

Structure File Number: 3535142

Inventory Bridge Number: HEN 00424 07130

Sufficiency Rating: 069.0 Deficiency Rating:

BENIEN CREEK

Bridge Status: Active

(2) District: 02	(3) County: 35-HENRY	(9) Location: S End Wayne Park Dr.	(7) Facility Carried: County Road 424
(4) FIPS Code: None	Owner:	(208) Route On Bridge: County	(207) Route Under Bridge: Non Highway Traffic On Bridge (I.E.
(102) Direction of Traffic: 2 - 2-Way Traffic	(103) Temporary Structure:	(110) Designated National Network: Not National Network	(101) Parallel: N
		(42A) Type Serv: (On): Highway	(42B) Type Serv (Under): Waterway

INVENTORY ROUTE DATA

(5A) Route On/Under: 1 - 1: Route Carried "On" The Structure
 (5B) Hwy Sys: 4 - County Highway
 (5D) Route No: 00424 (5E) Dir: Not Applic (5C) Des: Mainline
 (6) Feature Int: Benien Creek
 (200) CL: 07130 (201) Spec Des: (209) Interstate Mile:
 (29) Avg. Daily Traffic(ADT): 3,596 (30) ADT Year: 2015
 (235) Truck Traf: 0 (210) Corridor: (104) NHS: structure/route is not on nhs
 (26) Functional Class: rural - local (100) Strahnt: Not A Strahnet Route

(45) Main Spans Number: 1 (43) Type: Masonry /Culvert (Includes Frame Culverts) /Not Applicable
 (46) Approach Spans Nbr: 0 (44) Type: Other /Other /Not Applicable
 (307) Total Spans: 1 (48) Max Span: 19.0 Ft (49) Overall Leng: 24.0 Ft

SUBSTRUCTURE

Abut-Rear (532) Matl: None (531) Type: None (533) Fnd: None (Such As Most Culverts)
 Abut-Fwd (527) Matl: None (526) Type: None (528) Fnd: None (Such As Most Culverts)
 Pier-Pred (535) Matl: None (534) Type: None (536) Fnd: None (Such As Most Culverts)
 (663) Stream Velocity: 00000 fps (113) Scour: Action Is Required To Protect Exposed Fo
 (92B) Underwater Inspection: N Freq: (655) Chan Prot: Rip Rap (Dumped Rock Or Rock Channel Pro
 0
 (93B) Date of last Underwater Insp: (657) Drainage Area: Sq Mi

INTERSECTED ROUTE DATA

(370A) Record Type: (370B) Hwy Sys:
 (370D) Route No: (370E) Dir: (370C) Des:
 (373) Feature Int:
 (382) CL: 0000 (371) Interstate Mile: (387) Special Desig:
 (379) Avg. Daily Traffic(ADT): 0 (380) ADT Year: 0
 (381) Truck Traf: 0 (384) Corridor: (378) NHS: -
 (375) Functional Class: (386) Strahnt:

CLEARANCE UNDER THE BRIDGE

Min. Horiz on Bridge: (335) NC: Ft (47) Card: 99.0 Ft
 (53) Prac Max Vert On Brg: 99.0 Ft
 Min Vrt Clr On Brg: (336) NC: 0.0 Ft (10) Card: 99.0 Ft
 Min Latl Clr: (338) Right NC: Ft (337) Right Card: Ft
 (340) Left NC: Ft (339) Left Card: Ft

Min. Horiz Under Clear: (326) NC: Ft (325) Card: Ft
 (328) Prac Max Vrt Under Clear: Ft
 Min Vert Under Clear: (327) NC: Ft (54) Card: 0.0 Ft
 Min Lat Under Clear: (329) Right NC: Ft (55) Right Card: 0.0 Ft
 (330) Left NC: Ft (56) Left Card: 0.0 Ft

STRUCTURE INFORMATION

(19) Bypass Length: 99.0 Miles
 (16) Latitude: 41 Deg 21 Min 48.21 Sec (17) Longitude: 84 Deg 09 Min 13.91 Sec
 (20) Toll: On Free Road
 (263) Date Built: 7/1/1900 (264) Major Reconstruction Date:
 (28A) No. Lanes On: 2 (28B)No. Lanes Under: 0
 (301) Horiz Curve: 03D00M (34) Skew: 0 Deg
 (32) App. Rdw Width: 32 Ft (51) Brg. Rdw Width: 0.0 Ft
 (52) Deck Width: 0.0 Ft (424) Deck Area: 768 Sq. Ft
 (406) Median Type: None /Non Barrier /No Joint
 (33) Bridge Median: No Median
 Sidewalks: (50A) Left 0.0 Ft (50B) Right 0.0 Ft
 Type Curb or Sidewalk:
 (427) Left Matl: None (428) Type: None
 (429) Right Matl: None (430) Type: None
 (35) Flared: 0 (408) Composite: U - Not Applicable

LOAD RATING INFORMATION

(31) Design Load: H 15
 (64) Opr Rat Fact/Ton: 3.000
 (66) Inv Rat Fact/Ton: 2.100
 (734) Ohio Percent of Legal Load: 100
 (704) Year of Rating: 2017 (708) Rate Soft: Combination
 (63) Opr Rat Method: Assigned Rating Based On Load Factor Des
 (65) Inv Rat Method: Assigned Rating Based On Load Factor Des
 Load Rater: (705) Timothy (706) Schumm (707) PE#: 62821

APPRAISAL

(71) Waterway Adequacy: 6 Equal to present minimum criteria
 (72) Approach Alignment: 8 Equal to present desirable criteria
 (67) Calc Str Appraisal: 5 - Somewhat better than minimum adequacy
 (68) Calc Deck Geometry: N - Not Applicable
 (69) Calc Underclearance: N - Not Applicable

APPROACH INFORMATION

(401) Approach Guardrail:
 (403) Approach Pavement: (402) Grade:

CULVERT INFORMATION

(575) Culvert Type: Arch (Multi-Plate) (578) Length: 158.0 Ft
 (580) Depth of Fill: 13.0 Ft (582) Headwalls:

GENERAL INFORMATION

(475) Main Member: Not Applicable (Culverts, Trusses, Arche) (477) Moment Plate:
 (414) Expansion Joint: None
 (453) Bearing Devices: None



Ohio Department of Transportation Bridge Inventory Report

Sfn # : 3535142 **County :** HENRY **District:** 02
Fips Code: 53564 **Inventory Route:** 00424 **Major Maintenance Responsibility:** COUNTY HIGHWAY AGENCY
Sufficiency Rating: 069.0 **Ohio % Legal Load:** 100 **Mpo Code:** NN - NONE
Latitude: 41214821 **Longitude:** 84091391

Inventory SLM : 07130 **Bridge Material Type:** MASONRY
Bridge Struc Type: CULVERT (INCLUDES FRAME CULVERTS) **Bridge Struc Desc:** NOT APPLICABLE
Inventory Feature Intersected: BENIEN CREEK **Date of Major Rehab :**
Deck Width: 0 **Main Spans # :** 1
Bridge Roadway width : 0 **Deck Area :** 768
Inventory Special Designation : **Overall Length :** 24
Structure Location : S end Wayne Park Dr. **SD/FO:** 0

Date Built : 07/01/1900 **Inspection Date :** 08/31/2021
General Appraisal : 5 **Inspection Responsibility :** 02 - COUNTY HIGHWAY AGENCY
Bridge Dedicated Name : **Routine maint Responsibility :** 02 - COUNTY HIGHWAY AGENCY
Operational Status : A

Intersected Route : **Intersected Feature Intersected :**
Intersected County : **Intersected Straight Line Mileage :** 0000
Intersected Special Designation : **Interstate Straight Line Mileage :** 0.0
Minimum Vertical Clr On Bridge(C) : 99 **Minimum Vertical Clr On Bridge(NC) :** 0
Minimum Vertical Clr Under Bridge(C) : 0 **Minimum Vertical Clr Under Bridge(NC) :** 0.0
Minimum Horizontal Clr On Bridge(C) : 99 **Minimum Horizontal Clr On Bridge(NC) :** 0.0
Minimum Horizontal Clr Under Bridge(C) : 0.0 **Minimum Horizontal Clr Under Bridge(NC) :** 0.0

STATE OF OHIO DEPARTMENT OF TRANSPORTATION
BRIDGE INSPECTION REPORT

STRUCTURE FILE NUMBER:

DATE BUILT

CO Route SLM FIPS

District

Type of Service

SD

DECK

1. Floor		2. Wearing Surface	
3. Curbs, Sidewalks & Walkways		4. Median	
5. Railing		6. Drainage	
7. Expansion Joints		8. SUMMARY	Deck Area:

SUPERSTRUCTURE

9. Alignment of Members	MAX.SPAN.LENGTH =		10. Beams/Girders/Slab	
11. Diaphragms or Cross Frames	TOT.LGTH =		12. Joist/Stringers	
13. Floorbeams			14. Floorbeam Connections	
15. Verticals			16. Diagonals	
17. End posts			18. Upper Chord	
19. Lower Chord			20.	
21.			22. Sway Bracing	
23. Portals			24. Bearing Devices	
25. Arch			26. Arch Columns or Hangers	
27. Spandrel Walls			28. Protective Coating System (PCS)	
29. Pins/Hangers/Hinges ADT:	TRUCK:	YEAR:	30. Fatigue Prone Detail (E & E')	
31. Live Load Response (E or S)			32. SUMMARY	

SUBSTRUCTURE

33. Abutments		34. Abutment Seats	
35. Piers		36. Pier Seats	
37. Backwalls		38. Wingwalls	
39. Fenders and Dolphins		40. Scour (Insp Type - 1, 2, 3)	
41. Slope Protection		42. SUMMARY	

CULVERTS

43. General		44. Alignment	
45. Shape		46. Seams	
47. Headwalls or Endwalls		48. Scour (Insp Type - 1, 2, 3)	
49.		50. SUMMARY	

CHANNEL

51. Alignment		52. Protection	
53. Hydraulic Opening		54. SUMMARY	

APPROACHES

55. Pavement		56. Approach Slabs	
57. Guardrail		58. Relief Joint	
59. Embankment		60. SUMMARY	

GENERAL

61. Navigation Lights		62. Warning Signs	
63. Sign Supports		64. Utilities	
65. Vertical Clearance (1, 2-change, N)		66. General Appraisal & Operational Status	

67. INSPECTED BY

68. REVIEWED BY

Print First & Last Name
Inspected Date: 1/1/0001

PE Number

Initial

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Print First & Last Name

PE Number

Initial

Reviewed Date: 1/1/0001

69. Survey (1, 0, N)