

(203) Bridge (Dedicated) Name:		BRIDGE INVENTORY AND APPRAISAL		Report Date: 12/29/2021
Structure File Number: 3535193		Inventory Bridge Number: HEN C0424 07600		
Sufficiency Rating: 087.5 Deficiency Rating:		COUNTY DITCH 970		Bridge Status: Active
(2) District: 02		(3) County: 35-HENRY	(9) Location: Int. 424 & Orchard Lane	(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		(45) Main Spans Number: 1	(43) Type: Masonry	/Culvert (Includes Frame Culverts) /Not Applicable
(5B) Hwy Sys: 4 - County Highway		(46) Approach Spans Nbr: 0	(44) Type: Other	/Other /Not Applicable
(5D) Route No: C0424 (5E) Dir: Not Applic (5C) Des: Mainline		(307) Total Spans: 1	(48) Max Span: 18.0 Ft	(49) Overall Leng: 25.0 Ft
(6) Feature Int: County Ditch 970		SUBSTRUCTURE		
(200) CL: 07600 (201)Spec Des: (209) Interstate Mile:		Abut-Rear (532) Matl: None	(531) Type: None	(533) Fnd: None (Such As Most Culverts)
(29) Avg. Daily Traffic(ADT): 3,596 (30) ADT Year: 2015		Abut-Fwd (527) Matl: None	(526) Type: None	(528) Fnd: None (Such As Most Culverts)
(235) Truck Traf: 0 (210) Corridor: (104) NHS: structure/route is not on nhs		Pier-Pred (535) Matl: None	(534) Type: None	(536) Fnd: None (Such As Most Culverts)
(26) Functional Class: rural - local (100) Strahnt: Not A Strahnet Route		(663) Stream Velocity: 00000 fps	(113) Scour: Stable For Scour Conditions	
INTERSECTED ROUTE DATA		(92B) Underwater Inspection: N Freq: 0	(655) Chan Prot: Rip Rap (Dumped Rock Or Rock Channel Pro	
(370A) Record Type: (370B) Hwy Sys:		(93B) Date of last Underwater Insp:	(657) Drainage Area: Sq Mi	
(370D) Route No: (370E) Dir: (370C) Des:		CLEARANCE UNDER THE BRIDGE		
(373) Feature Int:		Min. Horiz Under Clear: (326) NC: Ft (325) Card: Ft		
(382) CL: 0000 (371) Interstate Mile: (387) Special Desig:		(328) Prac Max Vrt Under Clear: Ft		
(379) Avg. Daily Traffic(ADT): 0 (380) ADT Year: 0		Min Vert Under Clear: (327) NC: Ft (54) Card: 0.0 Ft		
(381) Truck Traf: 0 (384) Corridor: (378) NHS: -		Min Lat Under Clear: (329) Right NC: Ft (55) Right Card: 0.0 Ft		
(375) Functional Class: (386) Strahnt:		(330) Left NC: Ft (56) Left Card: 0.0 Ft		
CLEARANCE ON THE BRIDGE				
Min. Hriz on Bridge: (335) NC: Ft (47) Card: 32.0 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				
STRUCTURE INFORMATION		LOAD RATING INFORMATION		APPRAISAL
(19) Bypass Length: 5.0 Miles		(31) Design Load: H 15		(71) Waterway Adequacy: 8 Equal to present desirable criteria
(16) Latitude: 41 Deg 22 Min 11.88 Sec (17) Longitude: 84 Deg 09 Min 06.76 Sec		(64) Opr Rat Fact/Ton: 3.000		(72) Approach Alignment: 8 Equal to present desirable criteria
(20) Toll: On Free Road		(66) Inv Rat Fact/Ton: 2.100		(67) Calc Str Appraisal: 5 - Somewhat better than minimum adequacy
(263) Date Built: 7/1/1900 (264) Major Reconstruction Date:		(734) Ohio Percent of Legal Load: 100		(68) Calc Deck Geometry: N - Not Applicable
(28A) No. Lanes On: 2 (28B)No. Lanes Under: 0		(704) Year of Rating: 2017 (708) Rate Soft: Combination		(69) Calc Underclearance: N - Not Applicable
(301) Horiz Curve: (34) Skew: 0 Deg		(63) Opr Rat Method: Assigned Rating Based On Load Factor Des		
(32) App. Rdw Width: 32 Ft (51) Brg. Rdw Width: 0.0 Ft		(65) Inv Rat Method: Assigned Rating Based On Load Factor Des		
(52) Deck Width: 0.0 Ft (424) Deck Area: 800 Sq. Ft		Load Rater: (705) Timothy (706) Schumm (707) PE#: 62821		
(406) Median Type: None /Non Barrier /No Joint		APPROACH INFORMATION		
(33) Bridge Median: No Median		(401) Approach Guardrail:		
Sidewalks: (50A) Left 0.0 Ft (50B) Right 0.0 Ft		(403) Approach Pavement: (402) Grade:		
Type Curb or Sidewalk:		CULVERT INFORMATION		
(427) Left Matl: None (428) Type: None		(575) Culvert Type: Arch (Multi-Plate) (578) Length: 172.0 Ft		
(429) Right Matl: None (430) Type: None		(580) Depth of Fill: 15.0 Ft (582) Headwalls:		
(35) Flared: 0 (408) Composite: U - Not Applicable		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 # : 3535193 County : HENRY District: 02
Fips Code: 53550 Inventory Route: C0424 Major Maintenance Responsibility: COUNTY HIGHWAY AGENCY
Sufficiency Rating: 087.5 Ohio % Legal Load: 100 Mpo Code: NN - NONE
Latitude: 41221188 Longitude: 84090676

Inventory SLM : 07600 Bridge Material Type: MASONRY
Bridge Struc Type: CULVERT (INCLUDES FRAME CULVERTS) Bridge Struc Desc: NOT APPLICABLE
Inventory Feature Intersected: COUNTY DITCH 970 Date of Major Rehab :
Deck Width: 0 Main Spans # : 1
Bridge Roadway width : 0 Deck Area : 800
Inventory Special Designation : Overall Length : 25
Structure Location : Int. 424 & Orchard Lane 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) : 32 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:

CO	Route	SLM	FIPS	DATE BUILT
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	PE Number	Initial	Print First & Last Name	PE Number	Initial
Inspected Date: 1/1/0001			Reviewed Date: 1/1/0001		

69. Survey (1, 0, N)