

Inspector: Schmidt,Eric
Inspection Date: 02/25/2025

Structure Number: 3112063
Facility Carried: WB IR 275

STATE OF OHIO
BRIDGE INSPECTION REPORT

HAM-00275-2338L_(3112063)

ODOT District 08

County: 31 - Hamilton

City or Township:

74104 - SPRINGDALE (HAM county)

Facility Carried:

WB IR 275

Type of Service On the Bridge

over SR 4

Structure Type:

1 - Highway

4 - Steel continuous

02 - Stringer/Multi-beam or Girder

Major Maintenance Responsibility

01 - State Highway Agency

Inspection Responsibility #1

01 - State Highway Agency

Inspection Responsibility #2

01 - State Highway Agency

Routine Maintenance Responsibility:

01 - State Highway Agency

Inspection Date: 02/25/2025

Lead Inspector: Schmidt,Eric

Inspection Type: Routine (SNBI)

Reviewed by: Meyer,Jeff

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Ohio Bridge Inspection Summary Report

HAM-00275-2338L (3112063)

B.L.04: District District 0874104 - SPRINGDALE (HAM county)
B.CL.02: Major Maint 01 - State Highway Agency /
225 Routine Main A/B 01 - State Highway Agency /
221 Inspection A/B 01 - State Highway Agency /

5A: Inventory Route 1 00275
7: Facility On WB IR 275
6: Feature Ints SR 4
9: Location OVER SR 4
Lat, Lon 39.295369 , -84.485419

Condition

B.C.01: Deck 8
58.01: Wearing Surface 7
B.C.08: Joint N
B.C.02: Superstructure 8
59.01: Paint & PCS 7
B.C.03: Substructure 8
B.C.09: Channel N
B.C.11: Scour N
B.C.10: Channel Prot.
B.C.05: Bridge Railing

B.C.06: Transitions

B.C.07: Bearings

B.C.04: Culverts N
Ohio GA 8

43: Bridge Type 4 - Steel continuous
02 - Stringer/Multi-beam or Girder
N - Not Applicable
45: Spans Main / Approach 3 / 0
107: Deck Type 1 - Concrete Cast-in-Place
408: Composite Deck Y - Composite Construction
414A Joint Type 1 N - None
414B: Joint Type 2 N - None
108A: Wearing Surface 1 - Monolithic Concrete
(concurrently placed with structural deck)
N - Not Applicable

Appraisal

B.AP.03: Scour Vul. Not over Waterway

422: WS Date 08/01/2007
423: WS Thick (in) 1.0
482: Protective Coating 9 - Paint System IZEU
483: PCS Date 07/01/2008
453: Bearing Type 1 C - Elastomeric (laminated)
455: Bearing Type 2 C - Elastomeric (laminated)
528: Foundn: Abut Fwd 4 - Spread Footing (on soil)
533: Foundn: Abut Rear 4 - Spread Footing (on Soil)
536: Foundn: Pier 1 2 - Cast-in-Place Reinforced
Concrete Piles (Other diameter)
539: Foundn: Pier 2 A - Cast-in-Place Reinforced
Concrete Piles (12" diameter)

Geometric

48: Max Span Length (ft) 87.2
49: Structure Length (ft) 196.3
52: Deck Width, Out-To-Out (ft) 90.0
424: Deck Area (sf) 17667
32: Appr Roadway Width (ft) 86.2
51: Road Width, Curb-Curb (ft) 86.9
50A: Curb/SW Width: Left (ft) 0
50A: Curb/SW Width: Right (ft) 0
34: Skew (deg) 3
33: Bridge Median 0 - No median
54B: Min Vert Underclearance (ft) 15.33
336A: Min Vert Clrnce IR Cardinal (ft) 99
336B: Min V Clr IR Non-Cardinal (ft) 0
578: Culvert Length (ft) 0

Age and Service

27: Year Built/ 106 Rehab 1960 / 2008
42A: Service On 1 - Highway
42B: Service Under 1 - Highway, with or w/out
pedestrian
28A: Lanes on 05
28B: Lanes Under 05
19: Bypass Length 0
29: ADT 37489
109: % Trucks (%) 4

Load Posting

41: Op/Post/Closed A - Open
70: Posting 5 - Equal to or above legal loads
70.01: Date
70.02: Sign Type
734: Percent Legal (%) 150
704: Analysis Date 07/01/2007
63: Analysis Method 6 - Load Factor (LF) rating reported by
rating factor (RF) method using MS18
loading.

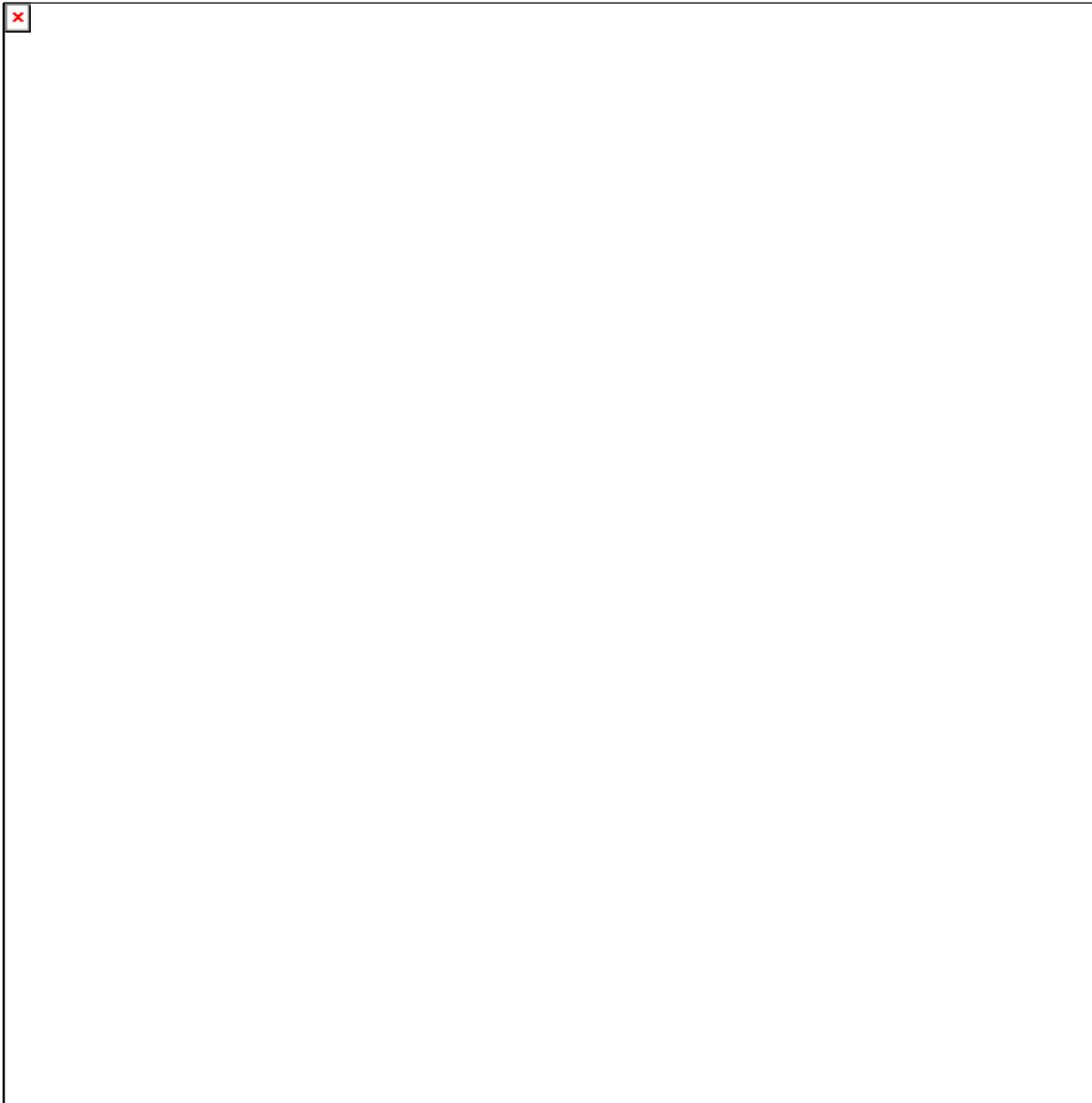
Inspections

	Months
90: Routine Insp.	24
92A: FCM Insp.	N 0
92B: Dive Insp.	N 0
92C: Special Insp.	N 0
92D: UBIT Insp.	N 0
92E: Drone Insp.	N 0

Inspector Schmidt,Eric

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Inspection Date: 02/25/2025

Structure Number: 3112063
Facility Carried: WB IR 275



Latitude: 39.29537

Longitude: -84.48542

Inspector: Eric Schmidt

Inspection Date: 02/25/2025

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Bridge Inspection Report

Executive Summary

Inspector: Schmidt,Eric **Structure Number:** 3112063
Inspection Date: 02/25/2025 **Facility Carried:** WB IR 275
ODOT District: District 08 **Date Built:** 07/01/1960
Major Maint: 01 - State Highway Agency **Facility Carried:** WB IR 275 **Traffic On:** 1 - Highway **Rehab Date:** 07/01/2008
Routine Maint: 01 - State Highway Agency **Feature Inters:** SR 4 **Traffic Under:** 1 - Highway, with or w/out pedestrian
FIPS Code: 74104 - SPRINGDALE (HAM county) **Location:** DISTRICT 08 **OVER SR 4**
Inspector **Schmidt,Eric** **Inspection Date** **02/25/2025** **Reviewer** **Meyer,Jeff**
Insp. Resp A: 01 - State Highway Agency
Insp. Resp B:

HAM-00275-2338L_(3112063)

National Bridge Inventory
Status **0 - ND** **Sufficiency Rating** **97.0**

Identification		Inspections		
(1) State Code	395 - Ohio	(90) Inspection Date		
(8) Structure File Number (SFN)	3112063	(91) Designated Inspection Frequency	24	
(7) Facility Carried	WB IR 275	(92) Critical Feature Inspection		(93) CFI Date
(208) Route on the Bridge	10 - State (ODOT) (Toll Free)	A. Fracture Critical Detail	N	0
		B. Underwater Inspection	N	0
		C. Other Special Inspection	N	0
(2) Highway Agency District	District 08			
(3) County Code	31 - Hamilton	D.01 Snooper Inspection	N	0
(209) Interstate Mile Marker	40.98	E.01 Drone Inspection	N	0
(201) Special Designation	L	Condition		
(4) Place Code (FIPS)	74104 - SPRINGDALE (HAM county)	(58) Deck	8 - Very Good Condition	
(5) Inventory Route		(58.01) Wearing Surface	7 - Good (1% distress)	
(A) Record Type On/Under Always "On"	1: Route carried "on" the structure	(58.02) Expansion Joint	N- Not Applicable	
(B) Route Signing Prefix (Highway System)	1 - INTERSTATE HIGHWAY	(59) Superstructure	8 - Very Good Condition	
(C) Designated Level of Service (Highway Designation)	1 - MAINLINE	(59.01) Protective Coating System (PCS)	7 - Good (1-5% corr.)	
(D) Route Number	00275	(60) Substructure	8 - Very Good Condition	
(E) Directional Suffix	0 - NOT APPLICABLE	(61) Channel & Channel Protection	N - Not Applicable	
(6) Features Intersected	SR 4	(61.01) Scour	N - Not Applicable	
(9) Location	OVER SR 4	(62) Culvert	N - Not Applicable	
(11) Milepoint	23.605	(67.01) General Appraisal	8	
(12) Base Highway Network	Inventory Route is on the Base Network			
(13A) LRS Inventory Route	275			
(13B) Subroute Number	0			
(16) Latitude	39.29537	Degrees		
(17) Longitude	-84.48542	Degrees		
(16.01) Latitude - Ohio	39.295326			
(17.01) Longitude - Ohio	-84.485419			
(98A) Border Bridge State Code				

Inspector:	Schmidt,Eric	Structure Number:	3112063
Inspection Date:	02/25/2025	Facility Carried:	WB IR 275
(98B) Border Bridge State Percent Responsibility			
(99) Border Bridge Struct No.			
ODOT District:	District 08	HAM-00275-2338L_(3112063)	
Major Maint:	01 - State Highway Agency	Facility Carried:	WB IR 275
Routine Maint:	01 - State Highway Agency	Feature Inters:	SR 4
FIPS Code:	74104 - SPRINGDALE (HAM county)	Location:	DISTRICT 08
Inspector	Schmidt,Eric	Inspection Date	02/25/2025
		Reviewer	Meyer,Jeff
Date Built:	07/01/1960		
Rehab Date:	07/01/2008		
Insp. Resp A:	01 - State Highway Agency		
Insp. Resp B:			

Structure Type and Material		Load Rating and Posting	
(43) Main Structure Type	A. 4 - Steel continuous B. 02 - Stringer/Multi-beam or Girder C. N- Not Applicable	(31) Design Load (63) Operating Rating Method (64) Operating Rating Factor	9 - HS 25 or greater 6 - Load Factor (LF) rating reported by rating factor (RF) method using MS18 loading. 1.3
(44) Approach Type	A. 0 - Other B. 00 - Other C. N- Not Applicable	(65) Inventory Rating Method (66) Inventory Rating Factor	6 - Load Factor (LF) rating reported by rating factor (RF) method using MS18 loading. 1
(45) Number of Spans in Main Unit	3	(41) Structure Open, Posted, or Closed to Traffic	A - Open
(46) Number of Approach Spans	0	(70) Bridge Posting	5 - Equal to or above legal loads
(107) Deck Structure Type	1 - Concrete Cast-in-Place	(70.01) Date Posted	
(107.01)		(70.02) Posted Sign Type	
(107.01)		(70.03) Posted Weight	
(108B) External Deck Protection	3 - Epoxy		
(108C) Internal Deck Protection	1 - Epoxy Coated Reinforcing		
(422) Wearing Surface Date	08/01/2007		
(108A) Wearing Surface Type	1 - Monolithic Concrete (concurrently placed with structural deck)	Appraisal	
(108A.01)	N - Not Applicable	(67) Structural Evaluation	8 - Equal to present desirable criteria
(423) Wearing Surface Thickness	1.0 in	(68) Deck Geometry	9 - Superior to present desirable criteria
(483) Protective Coating System Date	07/01/2008	(69) Underclearances, Horizontal and Vertical	5 - Somewhat better than minimum adequacy

Age of Service		Appraisal	
(27) Year Built	1960	(71) Waterway Adequacy	N - Not Applicable
(263) Date Built	07/01/1960	(72) Approach Roadway Alignment	9 - Superior to present desirable criteria
(106) Year Reconstructed	2008	(36) Traffic Safety Feature	
(264) Major Reconstruction Date	07/01/2008	A. Bridge Railings:	1 - Meets acceptable standards
(42) Type of Service	On 1 - Highway Under 1 - Highway, with or w/out pedestrian	B. Transitions:	1 - Meets acceptable standards
		C. Approach Guardrail	1 - Meets acceptable standards
		D. Approach Guardrail Ends	1 - Meets acceptable standards
(28) Lanes	On 05	Under 05	(113) Scour Critical
(29) Average Daily Traffic			N - Not over waterway
			37489

Inspector:	Schmidt,Eric	Structure Number:	3112063
Inspection Date:	02/25/2025	Facility Carried:	WB IR 275
(30) Year of Average Daily Traffic	2015		
(109) Average Daily Truck Traffic Percentage	4		
(19) Bypass Detour Length	0		

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ODOT District: District 08	Major Maint: 01 - State Highway Agency	Facility Carried: WB IR 275	Traffic On: 1 - Highway	Date Built: 07/01/1960
Routine Maint: 01 - State Highway Agency	Feature Inters: SR 4	Traffic Under: 1 - Highway, with or w/out pedestrian	Rehab Date: 07/01/2008	
FIPS Code: 74104 - SPRINGDALE (HAM county)	Location: DISTRICT 08	OVER SR 4	Insp. Resp A: 01 - State Highway Agency	
Inspector: Schmidt,Eric	Inspection Date: 02/25/2025	Reviewer: Meyer,Jeff	Insp. Resp B:	

Classification		Geometric Data		
(112) NBIS Bridge	Yes	(48) Longest Span	87.2	Ft.
(104) Highway System of the Inventory Route	1 - Structure/Route is on NHS	(49) Structure Length	196.3	Ft.
(26) Functional Classification of Inventory Route	11 - Urban - Principal Arterial - Interstate	(50A) Curb/Sidewalk Left Side - Width	0	Ft.
		(50B) Curb/Sidewalk Right Side - Width	0	Ft.
(100) Strahnet Highway Designation	Is on an Interstate STRAHNET route	(51) Brdg Roadway Width Curb-to-Curb	86.9	Ft.
(101) Parallel Structure Designation	L - Left structure (South or West)	(52) Deck Width, Out-to-Out	90.0	Ft.
(102) Direction of Traffic	1-way traffic	(32) Approach Roadway Width	86.2	Ft.
(103) Temporary Structure Design		(33) Bridge Median	0 - No median	
(105) Federal Lands Highways	Not Applicable	(34) Skew	3	Deg.
(110) Designated National Network	Inventory route on National Truck Network	(35) Structure Flared	1 - Yes, flared	
(20) Toll	3 - On Free Road	(10) Practical Maximum Vertical Clearance	99	Ft.
(225) Routine Maintenance Responsibility	A. 01 - State Highway Agency	(53) Minimum Vertical Clearance Over Bridge Roadway	99	Ft.
	B.	(47) Total Horizontal Clearance (Inventory Route)	76.5	Ft.
(21) Maintenance Responsibility	01 - State Highway Agency	(54) Minimum Vertical Under Clearance	B. 15.33	Ft.
(21B) Major Maint. Responsibility B				
(221) Inspection Program Responsibility	A. 01 - State Highway Agency	A. H - Highway beneath structure		
	B.	(56) Minimum Lateral Under Clearance on Left	8	Ft.
(22) Owner	01 - State Highway Agency	(55) Minimum Lateral Under Clearance on Right	B. 10	Ft.
(37) Historical Significance	5-Not Eligible	A. H - Highway beneath structure		

Navigation Data			Proposed Improvements	
(38) Navigation Control	N - Not applicable, no waterway		(75) Type of Work	
(39) Nav Vert Clearance	0.0	Ft.	A.	
(40) Nav Horizontal Clearance	0.0	Ft.	B.	
(111) Pier or Abutment Protection	1 - Navigation protection not required		(76) Length of Structure Improvement (FT)	0
(116) Minimum Navigation Vertical Clearance, Vertical Lift	0.0	Ft.	(94) Bridge Improvement Cost	\$ 0

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Bridge

(95) Roadway Improvement Cost	\$ 0
(96) Total Project Cost	\$ 0
(97) Year of Improvement Cost Estimate	0000
(114) Future Average Daily Traffic	52035
(115) Year of Future Average Daily Traffic	2035

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Ohio Bridge Inventory

General

(203) Bridge Name (Dedicated Name)

(204) Ohio Designated MPO 09 - OKI (Cincinnati)

(205) Route Number Extension

(206) Inventory Preferred Route NP - Non Preferred Route

(5.01) Priority System Code (Inventory Route) P- Priority

(213) NLF_ID Inventory Route SHAMIR00275**N

(218) Major Bridge N - No

(220) Inventory Location DISTRICT 08

(226) Seismic Susceptibility N - not applicable

(227) GASB Y

(236) Future Traffic Factor 1.388

(245) Aperture Cards Fabrication 1 - Yes

(246) Aperture Cards Original 2 - No

(247) Aperture Cards Repair 1 - Yes

(248) Original Construction Project Number 028358

(251) Standard Drawing Number

(252) Microfilm Reel Number HAM021

(261) Bridge Remarks

8/2007 REPLACE EXISTING SUPER AND CONVERT ABUTS TO SEMI-INTERGRAL;WIDENED ABUTS ON 12 IN DIAM REINFOR CIP PILES;WIDENED PIERS AND MEDIAN PIER ON 12 IN CIP BATTERED PILES;VC TO BE OBTAINED ONCE CONSTRUCT COMPLETED;PCS COMPLETE 2009

(265) Electric Line Present Y - Bridge carries this utility

(266) Gas Line Present N - Bridge does not carry a utility

(269) Sanitary Sewer Present N - Bridge does not carry a utility

(306) NBIS Bridge Length 196.333

(207) Route Under the Bridge 10

Inventory Route Clearances

<u>Inventory Route</u>	<u>Cardinal</u>	<u>Non-Cardinal</u>	
(336) Minimum Vertical Clearance	99	0	ft.
(335) Minimum Horizontal Clearance	76.5	0	ft.

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Load Rating

(717) 2F1 Operating Rating Factor (GVW 15 T)
(720) 3F1 Operating Rating Factor (GVW 23 T)
(723.01) 4F1 Operating Factor (GVW 27 T)
(726.01) 5C1 Operating Rating Factor (GVW 40 T)
(723.02) SU4 Operating Rating Factor (GVW 27 T)
(726.02) SU5 Operating Rating Factor (GVW 31 T)
(732.01) SU6 Operating Rating Factor (GVW 34.75 T)
(732.02) SU7 Operating Rating Factor (GVW 38.75 T)
(735) EV2 Operating Rating Factor (GVW 28.75 T)
(738) EV3 Operating Rating Factor (GVW 43 T)
(734) Ohio Percent Legal 150
(705) Load Rater First Name LJB
(706) Load Rater Last Name
(707) Load Rater PE Number 0
(704) Load Rating Date 07/01/2007
(708) Load Rating Software 1 - BARS
(709) Rating Source 1 - Plan information available for load rating analysis (Default)

Inspection Access

(92.02) Snooper Inspection Traffic Control
(92.03) Snooper Inspection Est. Crew Hours
(459) Inspection Access N - The bridge does not include this feature

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Deck & Approach

(224) Temporary Subdecking	N - No		
(404) Approach Slab Type	1 - Reinforced Concrete		
(405) Approach Slab Length	25		
	1	2	3
(406) Bridge Median Type	N - None	N - Non Barrier	N - No Joint
(407) Bridge Railing Type	I - 42" Deflector Type Parapet (Single Slope)		
(408) Composite Deck Code	Y - Composite Construction		
(419) Expansion Joint with Trough Retrofit 2			
(421) Joint Trough (Y/N)			
(431) Fence	N - The bridge does not include this feature		
(432) Fence Height on Bridge	0		
(433) Glare Screen	N - The bridge does not include this feature		
(434) Noise Barrier Walls	N - The bridge does not have Noise Barrier Walls		
(424) Deck Area	17667		
(427) Left Sidewalk/Curb Material	N - None		
(428) Left Sidewalk/Curb Type	N - None or N/A (RR, Pedestrian, etc.)		
(429) Right Sidewalk/Curb Material	N - None		
(430) Right Sidewalk/Curb Type	N - None or N/A (RR, Pedestrian, etc.)		

Substructure

(526) Abutment Forward Type	D - Semi - Integral
(527) Abutment Forward Material Type	2 - Concrete
(528) Abutment Forward - Foundation Type	4 - Spread Footing (on soil)
(531) Abutment Rear Type	D - Semi - Integral
(532) Abutment Rear Material Type	2 - Concrete
(533) Abutment Rear - Foundation Type	4 - Spread Footing (on Soil)
(534) Pier 1 (Predominate) Type	5 - Capped Column
(535) Pier 1 (Predominate) Material	2 - Concrete
(536) Pier 1 Type - Foundation Type	2 - Cast-in-Place Reinforced Concrete Piles (Other diameter)
(537) Pier 2 Type	4 - Open Column
(538) Pier 2 Material	2 - Concrete
(539) Pier 2 Type - Foundation Type	A - Cast-in-Place Reinforced Concrete Piles (12" diameter)
(547) Slope Protection Type	2 - Stone (No. 1 Aggregate)

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Superstructure

(711) Live Load Response	S - Satisfactory		
(468) Hinges/Pins/Hangers Type	N - Not Applicable (structures with no hinges)		
(409) Deck Drainage Type	0 - Other (Natural-off the bridge ends)		
(411) Deck Concrete Type	B - QC2-Superstructure concrete (no longer used by ODOT)		
	A	B	C
(414) Expansion Joint Type	N - None	N - None	N - None
(301) Horizontal Curve Degree			
(453) Bearing Device 1, Type	C - Elastomeric (laminated)		
(455) Bearing Device 2, Type	C - Elastomeric (laminated)		
(465) Framing Type	2 - Dog-legged Beams/Girders		
(466) Haunched Girder	N - Bridge does not contain a haunched girder		
(467) Haunched Girder Depth	0		
(474) Main Structure System	N - Not Applicable (i.e. Culvert, Beam, Slab, etc.)		
(475) Main Member Type	1 - Rolled Steel		
(482) Protective Coating System Type	9 - Paint System IZEU		
(487) Structural Member Steel Type	0 - Other Not Listed Here		
(498) Protective Coating System Surface Area	0		
(499) Structural Steel Paint	1 - Shop		
(478) Post Tensioned Main Member Code	N - Bridge is not Post Tensioned		

Culvert and Waterway

(575) Culvert Type	N - Not a Culvert or Rigid Frame
(578) Culvert Length Inlet_to_Outlet	0
(580) Fill Depth Over Culvert	0
(651) Scenic River	N - Waterway is not classified as Scenic River
(587) Rise	
(588) Shape	
(655) Channel Protection Type	X - Not Applicable
(663) Stream Velocity	0.0
(672) pH	

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1: BRIDGE IDENTIFICATION

1.1: Identification

B.ID.01: Bridge Number 3112063
B.ID.02: Bridge Name HAM-00275-2338L
B.ID.03: Previous Bridge Number

1.2: Location

B.L.01: State Code	39 - Ohio	B.L.08: Border Bridge State/Country Code
B.L.02: County Code	61 - Noble	B.L.09: Border Bridge Insp. Responsibility
B.L.03: Place Code	74104 - SPRINGDALE (HAM county)	B.L.10: Border Bridge Designated Lead State
B.L.04: Highway Agency District	District 08	B.L.11: Bridge Location
B.L.05: Latitude	39.295369	OVER SR 4
B.L.06: Longitude	-84.485419	B.L.12: Metropolitan Planning Organization
B.L.07: Border Bridge Number		09 - OKI (CINCINNATI)

1.3: Classification

B.CL.01: Owner S01 - State transportation department
B.CL.02: Maintenance Responsibility S01 - State transportation department
B.CL.03: Federal / Tribal Land Access N - Not applicable
B.CL.04: Historic Significance N - Bridge is not eligible for the National Register, and is not in a historic district eligible for the National Register
B.CL.05: Toll N - Bridge does not carry a toll road and is not a toll bridge
B.CL.06: Emergency Evacuation Designation N - Not an emergency evacuation route

2: BRIDGE MATERIAL AND TYPE

2.1: Span Material and Type

B.SP.01: Span Configuration Designation	M01
B.SP.02: Number of Spans	3
B.SP.03: Number of Beam Lines	
B.SP.04: Span Material	S-T - TEMP - steel - S01 or S02 or S03 or S04 or S05 or SX
B.SP.05: Span Continuity	C-T - TEMP - continuous - 2 or 3
B.SP.06: Span Type	GB-T - TEMP - girder/beam - G01 or G02 or G10 or GX
B.SP.07: Span Protective System	
B.SP.08: Deck Interaction	CU - Composite - unshored construction
B.SP.09: Deck Material and Type	CR-T - TEMP - concrete cast-in-place - C01 or C04 or CX
B.SP.10: Wearing Surface	C01 - Concrete - monolithic
B.SP.11: Deck Protective System	MX-T - TEMP - other
B.SP.12: Deck Reinforcing Protective System	C01 - Coating - epoxy coated
B.SP.13: Deck Stay-In-Place Forms	

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2.2: Substructure Material and Type

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2.3: Roadside Hardware

B.RH.01: Bridge Railings I
B.RH.02: Transitions I

3: GEOMETRY

B.G.01: NBIS Bridge Length	196.3	B.G.09: Approach Roadway Width	86.3
B.G.02: Total Bridge Length	196.2	B.G.10: Bridge Median	0 - No median
B.G.03: Maximum Span Length	87.3	B.G.11: Skew	3
B.G.04: Minimum Span Length		B.G.12: Curved Bridge	CK - Kinked girder(s)
B.G.05: Bridge Width Out-to-Out	89.9	B.G.13: Maximum Bridge Height	
B.G.06: Bridge Width Curb-to-Curb	86.9	B.G.14: Sidehill Bridge	N - Not a sidehill bridge
B.G.07: Left Curb or Sidewalk Width	0	B.G.15: Irregular Deck Area	
B.G.08: Right Curb or Sidewalk Width	0	B.G.16: Calculated Deck Area	17638.4

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4: FEATURES

4.1: Feature Identification

B.F.01: Feature Type H01
B.F.02: Feature Location C - Carried on bridge
B.F.03: Feature Name WB IR 275

4.3: Highways

B.H.01: Functional Classification 1 - Interstate
B.H.02: Urban Code 16885
B.H.03: NHS Designation Y - NHS
B.H.04: National Highway Freight Network 1-T - TEMP - NHFN - 1 or 2 or 3 or 4
B.H.05: STRAHNET Designation 1 - STRAHNET route
B.H.06: LRS Route ID SHAMIR00275**N
B.H.07: LRS Mile Point 23.605
B.H.08: Lanes on Highway 5
B.H.09: Annual Average Daily Traffic 37489
B.H.10: Annual Average Daily Truck Traffic 1499
B.H.11: Year of Annual Average Daily Traffic 2015
B.H.12: Highway Maximum Usable Vertical Clearance 99.9
B.H.13: Highway Minimum Vertical Clearance 99.9
B.H.14: Highway Minimum Horizontal Clearance, Left
B.H.15: Highway Minimum Horizontal Clearance, Right
B.H.16: Highway Maximum Usable Surface Width 76.4
B.H.17: Bypass Detour Length 0
B.H.18: Crossing Bridge Number

4.4: Railroads

B.RR.01: Railroad Service Type

B.RR.02: Railroad Minimum Vertical Clearance

B.RR.03: Railroad Minimum Horizontal Offset

4.5: Navigable Waterways

B.N.01: Navigable Waterway

B.N.02: Navigation Minimum Vertical Clearance

B.N.03: Movable Bridge Max Navigation Vert Clearance

B.N.04: Navigation Channel Width

B.N.05: Navigation Channel Min Horizontal Clearance

B.N.06: Substructure Navigation Protection

Inspector: Schmidt,Eric
Inspection Date: 02/25/2025

Structure Number: 3112063
Facility Carried: WB IR 275

4.1: Feature Identification

B.F.01: Feature Type H02
B.F.02: Feature Location B - Below bridge
B.F.03: Feature Name I275*W

4.3: Highways

B.H.01: Functional Classification 3 - Principal Arterial - Other
B.H.02: Urban Code
B.H.03: NHS Designation Y - NHS
B.H.04: National Highway Freight Network N - Not on the NHFN
B.H.05: STRAHNET Designation N - Not a STRAHNET route
B.H.06: LRS Route ID
B.H.07: LRS Mile Point 99.6
B.H.08: Lanes on Highway 5
B.H.09: Annual Average Daily Traffic 54066
B.H.10: Annual Average Daily Truck Traffic 3243
B.H.11: Year of Annual Average Daily Traffic 2022
B.H.12: Highway Maximum Usable Vertical Clearance 15.4
B.H.13: Highway Minimum Vertical Clearance
B.H.14: Highway Minimum Horizontal Clearance, Left 7.8
B.H.15: Highway Minimum Horizontal Clearance, Right 9.8
B.H.16: Highway Maximum Usable Surface Width 41.9
B.H.17: Bypass Detour Length 5
B.H.18: Crossing Bridge Number

4.4: Railroads

B.RR.01: Railroad Service Type
B.RR.02: Railroad Minimum Vertical Clearance
B.RR.03: Railroad Minimum Horizontal Offset

4.5: Navigable Waterways

B.N.01: Navigable Waterway
B.N.02: Navigation Minimum Vertical Clearance
B.N.03: Movable Bridge Max Navigation Vert Clearance
B.N.04: Navigation Channel Width
B.N.05: Navigation Channel Min Horizontal Clearance
B.N.06: Substructure Navigation Protection

Inspector: Schmidt,Eric
Inspection Date: 02/25/2025

Structure Number: 3112063
Facility Carried: WB IR 275

4.2: Routes

Highway Feature

B.RT.01: Route Designation R01
B.RT.02: Route Number 275
B.RT.03: Route Direction 1-T - TEMP - One-way traffic - NB or EB or SB or WB
B.RT.04: Route Type 1 - Interstate highway
B.RT.05: Service Type 1 - Mainline

Highway Feature

B.RT.01: Route Designation R01
B.RT.02: Route Number 4
B.RT.03: Route Direction 2-T - TEMP - Two-way traffic - NS or EW
B.RT.04: Route Type 3 - State route
B.RT.05: Service Type 1 - Mainline

Inspector: Schmidt,Eric
Inspection Date: 02/25/2025

Structure Number: 3112063
Facility Carried: WB IR 275

5: LOADS, LOAD RATINGS, AND POSTING

5.1: Loads and Load Rating

- B.LR.01: Design Load HS20Plus - Greater than HS-20
- B.LR.02: Design Method
- B.LR.03: Load Rating Date 07/01/2007
- B.LR.04: Load Rating Method LFR - Load Factor Rating
- B.LR.05: Inventory Load Rating Factor 1
- B.LR.06: Operating Load Rating Factor 1.3
- B.LR.07: Controlling Legal Load Rating Factor
- B.LR.08: Routine Permit Loads

5.2: Load Posting Status

B.PS.01: Load Posting Status: PO - Open

B.PS.02: Posting Status Change Date: 07/01/2008

Inspector: Schmidt,Eric
Inspection Date: 02/25/2025

Structure Number: 3112063
Facility Carried: WB IR 275

5.3: Load Evaluation and Posting

	B.EP.01: Legal Load Configuration	B.EP.02: Legal Load Rating Factor	B.EP.03: Posting Type	B.EP.04: Posting Value
Legal Vehicles	(3) AASHTO Type 3			Tons
	(3S2) AASHTO Type 3S2			Tons
	(3-3) AASHTO Type 3-3			Tons
Specialized Hauling Vehicles (SHV)	(SU4) AASHTO SU4 Truck			Tons
	(SU5) AASHTO SU5 Truck			Tons
	(SU6) AASHTO SU6 Truck			Tons
	(SU7) AASHTO SU7 Truck			Tons
Emergency Vehicles	(EV2) FHWA Type EV2 Emergency Vehicle			Tons
	(EV3) FHWA Type EV3 Emergency Vehicle			Tons

Inspector: Schmidt,Eric
Inspection Date: 02/25/2025

Structure Number: 3112063
Facility Carried: WB IR 275

6: INSPECTIONS

6.1: Inspection Requirements

B.IR.01: NSTM Inspection Required N - NSTM inspection not required
B.IR.02: Fatigue Details N - No E/E' details
B.IR.03: Underwater Inspection Required N - Underwater inspection not required
B.IR.04: Complex Feature

6.2: Inspection Events

B.IE.01: Inspection Type (1) Initial

B.IE.02: Inspection Begin Date

B.IE.03: Inspection Completion Date

B.IE.04: Nationally Certified Bridge Inspector

B.IE.05: Inspection Interval

B.IE.06: Inspection Due Date

B.IE.07: Risk-Based Inspection Interval Method ..

Initial B.IE.08: Inspection Quality Control Date

B.IE.09: Inspection Quality Assurance Date

B.IE.10: Inspection Data Update Date

B.IE.11: Inspection Note

B.IE.12: Inspection Equipment

Routine B.IE.01: Inspection Type (2) Routine

B.IE.02: Inspection Begin Date 02/25/2025

B.IE.03: Inspection Completion Date 02/25/2025

B.IE.04: Nationally Certified Bridge Inspector

B.IE.05: Inspection Interval 12

B.IE.06: Inspection Due Date 2/28/2024

B.IE.07: Risk-Based Inspection Interval Method .. 1 - Method 1

Routine B.IE.08: Inspection Quality Control Date

B.IE.09: Inspection Quality Assurance Date

B.IE.10: Inspection Data Update Date

B.IE.11: Inspection Note

B.IE.12: Inspection Equipment AN - No access equipment used

Underwater B.IE.01: Inspection Type (3) Underwater

B.IE.02: Inspection Begin Date

B.IE.03: Inspection Completion Date

B.IE.04: Nationally Certified Bridge Inspector

B.IE.05: Inspection Interval

B.IE.06: Inspection Due Date

B.IE.07: Risk-Based Inspection Interval Method ..

Underwater B.IE.08: Inspection Quality Control Date

B.IE.09: Inspection Quality Assurance Date

B.IE.10: Inspection Data Update Date

B.IE.11: Inspection Note

B.IE.12: Inspection Equipment

Inspector: Schmidt,Eric
Inspection Date: 02/25/2025

Structure Number: 3112063
Facility Carried: WB IR 275

NSTM	B.IE.01: Inspection Type	(4) NSTM
	B.IE.02: Inspection Begin Date	
	B.IE.03: Inspection Completion Date	
	B.IE.04: Nationally Certified Bridge Inspector	
	B.IE.05: Inspection Interval	0
	B.IE.06: Inspection Due Date	
	B.IE.07: Risk-Based Inspection Interval Method ..	
	B.IE.08: Inspection Quality Control Date	
	B.IE.09: Inspection Quality Assurance Date	
	B.IE.10: Inspection Data Update Date	
	B.IE.11: Inspection Note	
	B.IE.12: Inspection Equipment	
Damage	B.IE.01: Inspection Type	(5) Damage
	B.IE.02: Inspection Begin Date	
	B.IE.03: Inspection Completion Date	
	B.IE.04: Nationally Certified Bridge Inspector	
	B.IE.05: Inspection Interval	
	B.IE.06: Inspection Due Date	
	B.IE.07: Risk-Based Inspection Interval Method ..	
	B.IE.08: Inspection Quality Control Date	
	B.IE.09: Inspection Quality Assurance Date	
	B.IE.10: Inspection Data Update Date	
	B.IE.11: Inspection Note	
	B.IE.12: Inspection Equipment	
In-Depth	B.IE.01: Inspection Type	(6) In-Depth
	B.IE.02: Inspection Begin Date	
	B.IE.03: Inspection Completion Date	
	B.IE.04: Nationally Certified Bridge Inspector	
	B.IE.05: Inspection Interval	
	B.IE.06: Inspection Due Date	
	B.IE.07: Risk-Based Inspection Interval Method ..	
	B.IE.08: Inspection Quality Control Date	
	B.IE.09: Inspection Quality Assurance Date	
	B.IE.10: Inspection Data Update Date	
	B.IE.11: Inspection Note	
	B.IE.12: Inspection Equipment	

Inspector: Schmidt,Eric
Inspection Date: 02/25/2025

Structure Number: 3112063
Facility Carried: WB IR 275

Special

B.IE.01: Inspection Type (7) Special
B.IE.02: Inspection Begin Date
B.IE.03: Inspection Completion Date
B.IE.04: Nationally Certified Bridge Inspector
B.IE.05: Inspection Interval
B.IE.06: Inspection Due Date
B.IE.07: Risk-Based Inspection Interval Method ..
B.IE.08: Inspection Quality Control Date
B.IE.09: Inspection Quality Assurance Date
B.IE.10: Inspection Data Update Date
B.IE.11: Inspection Note

B.IE.12: Inspection Equipment

Service or
Frontage
Road

B.IE.01: Inspection Type (8) Service or frontage road
B.IE.02: Inspection Begin Date
B.IE.03: Inspection Completion Date
B.IE.04: Nationally Certified Bridge Inspector
B.IE.05: Inspection Interval
B.IE.06: Inspection Due Date
B.IE.07: Risk-Based Inspection Interval Method ..
B.IE.08: Inspection Quality Control Date
B.IE.09: Inspection Quality Assurance Date
B.IE.10: Inspection Data Update Date
B.IE.11: Inspection Note

B.IE.12: Inspection Equipment

Scour
Monitoring

B.IE.01: Inspection Type (9) Scour Monitoring
B.IE.02: Inspection Begin Date
B.IE.03: Inspection Completion Date
B.IE.04: Nationally Certified Bridge Inspector
B.IE.05: Inspection Interval
B.IE.06: Inspection Due Date
B.IE.07: Risk-Based Inspection Interval Method ..
B.IE.08: Inspection Quality Control Date
B.IE.09: Inspection Quality Assurance Date
B.IE.10: Inspection Data Update Date
B.IE.11: Inspection Note

B.IE.12: Inspection Equipment

Inspector: Schmidt,Eric
Inspection Date: 02/25/2025

Structure Number: 3112063
Facility Carried: WB IR 275

7: BRIDGE CONDITION

7.1: Component Condition Ratings

- B.C.01: Deck Condition Rating 8 - VERY GOOD - Some inherent defects.
- B.C.02: Superstructure Condition Rating 8 - VERY GOOD - Some inherent defects.
- B.C.03: Substructure Condition Rating 8 - VERY GOOD - Some inherent defects.
- B.C.04: Culvert Condition Rating N - NOT APPLICABLE - Component does not exist.
- B.C.05: Bridge Railing Condition Rating
- B.C.06: Bridge Railing Transitions Condition Rating ..
- B.C.07: Bridge Bearings Condition Rating
- B.C.08: Bridge Joints Condition Rating N - NOT APPLICABLE - Bridge does not have deck joints.
- B.C.09: Channel Condition Rating N - NOT APPLICABLE - Bridge does not cross over water.
- B.C.10: Channel Protection Condition Rating
- B.C.11: Scour Condition Rating N - NOT APPLICABLE - Bridge does not cross over water.
- B.C.12: Bridge Condition Classification G
- B.C.13: Lowest Condition Rating Code 8
- B.C.14: NSTM Inspection Condition N - NOT APPLICABLE - Component does not exist.
- B.C.15: Underwater Inspection Condition N - NOT APPLICABLE - Component does not exist.

7.4: Appraisal

- B.AP.01: Approach Roadway Alignment G - Good
- B.AP.02: Overtopping Likelihood
- B.AP.03: Scour Vulnerability Not over Waterway
- B.AP.04: Scour Plan of Action
- B.AP.05: Seismic Vulnerability A - Seismic evaluation completed. Bridge determined to meet the agency's performance criteria established for the evaluation without need for retrofit.

7.5: Work Events

B.W.01: Year Built 1960

B.W.02: Year Work Performed ... 2008

B.W.03: Work Performed

Inspector: Schmidt,Eric

Inspection Date: 02/25/2025

Structure Number: 3112063

Facility Carried: WB IR 275

ODOT District: District 08

Major Maint: 01 - State Highway Agency

Facility Carried: WB IR 275

Traffic On: 1 - Highway

Date Built: 07/01/1960

Rehab Date: 07/01/2008

Routine Maint: 01 - State Highway Agency

Feature Inters: SR 4

Traffic Under: 1 - Highway, with or w/out
pedestrian

Insp. 01 - State Highway Agency
Resp A:

FIPS Code: 74104 - SPRINGDALE (HAM county)

Location: DISTRICT 08

OVER SR 4

Insp
Resp B:

Inspector Schmidt,Eric

Inspection Date 02/25/2025

Reviewer Meyer,Jeff

HAM-00275-2338L_(3112063)

Under Records

Inspector: Schmidt,Eric
Inspection Date: 02/25/2025

Structure Number: 3112063
Facility Carried: WB IR 275

Under Record 1

Identification

(1) State Code	395 - Ohio	(6) Features Crossed Over	I275*W
(11) Milepoint	99.6	(7) Facility Carried Under	WB IR 275
(201) Special Designation		(8) Structure No.	3112063
(5A) Roadway On/Under	2: Single route goes "under" the structure	(12) Base Highway Network	Inventory Route is on the Base Network
(5B) Route Type	3 - STATE HIGHWAY	(13A) LRS Route	
(5C) Level of Service	1 - MAINLINE	(13B) Subroute Number	
(5D) Route Number	00004	(206) Preferred Under Route	
(5E) Directional Suffix		(213) NLF_ID Under Route	SHAMSR00004**C
		(11.01) Under Route Milepoint-RIU	9.963

Age of Service

(19) Bypass Detour Length	5	(381) Intersected Route Daily Truck Traffic	3031
(29) Est Average Daily Traffic	54066	(109) Average Daily Truck Traffic	6
(30) Year of Average Daily Traffic	2023		

Geometric Data

(10) Practical Maximum Vertical Clearance	15.5	(47) Total Horizontal Clearance	42
	CARDINAL		NON-CARDINAL
(336A) Minimum Vertical Clearance	15.333	(336B) Minimum Vertical Clearance	15.5
(335A) Minimum Horizontal Clearance	42	(335B) Minimum Horizontal Clearance	42

Classification

(20) Toll	3 - On Free Road	(101) Parallel Highway	N - No parallel structure
(26) Functional Classification	14 - Urban - Other Principal Arterial	(102) Direction of Traffic	2-way traffic
(209) Interstate Mile Marker		(104) Highway System of the Under Route	1 - Under Route is on NHS
(100) STRAHNET Highway	Not a STRAHNET route	(110) Designated National Network	Under route not on network

Inspector: Schmidt,Eric
Inspection Date: 02/25/2025

Structure Number: 3112063
Facility Carried: WB IR 275

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
12-Reinforced Concrete Deck	3 - Mod.	17670	sq. ft.	17200	470	0	0
	CS2: SIP forms except for one bay. Deck edges have a few transverse & vert cracks, some with light efflor.						
805-Wearing Surface - Monolithic Concrete		17065	sq. ft.	16700	365	0	0
	CSs: Short hl longitudinal cracks at ends, a few in ramp lane. A few short HL transverse cracks in W.S. Several small aggregate pops. Raised RPMs missing.						
107-Steel Open Girder/Beam	3 - Mod.	2352	ft.	2352	0	0	0
515-Steel Protective Coating		21390	sq. ft.	21390	0	0	0
205-Reinforced Concrete Column	3 - Mod.	14	each	11	2	1	0
	CS2: Piers 1 and 2, columns 1 have horizontal and vertical cracks. CS3: Pier 1, column 7 has a 1.5 sf spall.						
215-Reinforced Concrete Abutment	3 - Mod.	181	ft.	149	32	0	0
	CS2: Hairline vertical cracks in extensions at fwd. and rear, a couple with light efflor. One diagonal crack in rear abutment with efflor.						
234-Reinforced Concrete Pier Cap	3 - Mod.	181	ft.	173	8	0	0
	CS-2; Hairline vertical cracks in cap extensions.						
310-Elastomeric Bearing	3 - Mod.	24	each	22	2	0	0
	CS2: Bearing 1, P1 and bearing 2, P2 have lateral movement.						
313-Fixed Bearing	3 - Mod.	24	each	24	0	0	0
321-Reinforced Concrete Approach Slab	3 - Mod.	4309	sq. ft.	3864	420	25	0
	CS2: Small spalls to pavement end of slabs. Longitudinal cracks in rear and fwd. Debris buildup at left fwd. appr slab along railing. CS3: Longitudinal crack fwd. >.05" wide.						
331-Reinforced Concrete Bridge Railing	3 - Mod.	393	ft.	263	130	0	0
	CS2: HL vertical cracks (2' - 4' spacing) at left and right, some with efflor. Collision scrapes.						
521-Concrete Protective Coating		3930	sq. ft.	3734	0	196	0
	CS3: Sealer peeling at toe of left railing.						
815-Drainage	3 - Mod.	2	each	1	1	0	0
	CS2: Catch basin at ends are partially covered with debris. Light to moderate debris at left, with buildup on appr slabs.						
840-Approach Slab: Termination or Joint	3 - Mod.	172	ft.	158	12	2	0
	CS2: A few unsealed cracks in pavement along slabs. CS3: Small pothole in fwd. pavement at slab, left.						

Inspector:	Schmidt,Eric	Structure Number:	3112063
Inspection Date:	02/25/2025	Facility Carried:	WB IR 275
ODOT District:	District 08	HAM-00275-2338L_(3112063)	
Major Maint:	01 - State Highway Agency	Facility Carried:	WB IR 275
Routine Maint:	01 - State Highway Agency	Feature Inters:	SR 4
FIPS Code:	74104 - SPRINGDALE (HAM county)	Location:	DISTRICT 08
			OVER SR 4
Inspector	Schmidt,Eric	Inspection Date	02/25/2025
			Reviewer Meyer,Jeff
			Date Built: 07/01/1960
			Rehab Date: 07/01/2008
			Insp. 01 - State Highway Agency
			Resp A:
			Insp. Resp B:

Inspector Comments - Deck and Approach

Deck

Floor/Slab

S.I.P. forms except for one bay. A few hl transverse cracks visible in bay 5. Deck edges have a few transverse into vertical cracks, some with light efflor.

Bridge Wearing Surface

Short HL longitudinal at end. A few short HL transverse cracks in W.S. Several small aggregate pops. Raised RPMs missing.

Bridge Railing

HL vertical cracks (2'-4' spacing) at left and right, some with efflor., collision scrapes. Sealer peeling at left.

Deck Drainage

Catch basin at ends are partially covered with debris. Moderate debris at left, with buildup on appr slabs. Buildup of silt and debris along edge of pavement at left impeding water runoff.

Expansion Joint

Small shallow spalls along comp seals.

Approach

Approach Wearing Surface

Minor, short transverse cracks along rear slab. Transverse cracks along fwd. slab with small PH right lane.

Approach Slab

Small spalls to pavement end of slabs. Longitudinal cracks at rear and fwd. with one in fwd. open >.05". Debris buildup at left fwd. approach slab along railing.

Approach Embankment

Left rear bridge nose embankment not completed by project's contractor, 2' of wingwall footer end exposed. Left fwd., 25' fwd of approach, erosion.

Inspector Comments - General Appraisal

Inspector: Schmidt,Eric
Inspection Date: 02/25/2025

Structure Number: 3112063
Facility Carried: WB IR 275
Superstructure

Beams/Girders

Diaphragm/X-Frames

Sealed & unsealed diagonal cracks in concrete diaphragms at beam ends some with stains and a few HL vertical cracks in bay areas, some with efflor.

Bearing Devices

Lateral movement of bearing one at pier 1 and bearing two at pier 2.

Protective Coating System

Areas of epoxy sealer peeling off of left wearing surface at toe of conc. rail.

Utilities

Underpass lighting.

Substructure

Abutment Walls

Hairline vertical cracks in extensions at fwd. and rear, a couple with light efflor. One diagonal crack in rear abutment with efflor.

Pier Caps

Hairline vertical cracks in cap extensions.

Pier Columns/Bents

Piers 1 and 2, columns 1 have horizontal and vertical cracks, pier 1 column 7 has a 1.5 sf spall.

Slope Protection

Left rear wingwall has 2' of footer end exposed due to contractor not completing embankment in bridge nose. Toe of rear and fwd. slopes holding water, ditch lines need to be cleaned. Left fwd. of appr slab has erosion down slope 3'W x1'D

Culvert

Inspector Comments - Waterway

Waterway Adequacy

Inspector: Schmidt,Eric
Inspection Date: 02/25/2025

Structure Number: 3112063
Facility Carried: WB IR 275
Channel

Scour Critical

Inspector: Schmidt,Eric
Inspection Date: 02/25/2025

Structure Number: 3112063
Facility Carried: WB IR 275

Channel Measurement

Date of Channel Measurements:

Number of Fixed Objects in Channel:

Distance Measured From:

Water Level:

Depth Measured From:

High Water Mark:

Number of Measurement Points Taken:

Measurement Type:

[No image has been created]

Inspector: Schmidt,Eric
Inspection Date: 02/25/2025

Structure Number: 3112063
Facility Carried: WB IR 275

Inspector: Schmidt,Eric
Inspection Date: 02/25/2025

Structure Number: 3112063
Facility Carried: WB IR 275

Inspector:	Schmidt,Eric	Structure Number:	3112063
Inspection Date:	02/25/2025	Facility Carried:	WB IR 275
Inspection Report Workflow Stage		Approve Final Report	
Inspection Report Assigned to (if not yet approved)		Eric Schmidt	
Inspection Report Approved by (if approved)		Meyer,Jeff	

Critical Finding Report

General

(274) Critical Finding Discovery Date

(275) Reason to Justify a Critical Finding

(276) Critical Finding Description

(277A) Immediate Action Description

Details

(278) Bridge Condition Due to Critical Finding

(279) Causes of Critical Finding

(280) Type of Defects

(281) Specific Design Detail Defect

Inspector: Schmidt,Eric
Inspection Date: 02/25/2025

Structure Number: 3112063
Facility Carried: WB IR 275

Conclusion

- (283) Is the Critical Finding Resolved?
- (284) Date Resolved
- (282) Details the response type, resolution, timelines and long-term plan for the bridge
- (285) Date (or anticipated date) of Permanent Resolution

Inspector: Eric Schmidt

Inspection Date: 02/25/2025

Structure Number: 3112063

Facility Carried: WB IR 275

Bridge Inspection Report

Pictures

Inspector: Eric Schmidt

Inspection Date: 02/25/2025

Structure Number: 3112063

Facility Carried: WB IR 275

Bridge Inspection Report

Sketches

Inspector: Schmidt,Eric

Inspection Date: 02/25/2025

Structure Number: 3112063

Facility Carried: WB IR 275

ODOT District: District 08

Major Maint: 01 - State Highway Agency

Facility Carried: WB IR 275

Traffic On: 1 - Highway

Date Built: 07/01/1960

Rehab Date: 07/01/2008

Routine Maint: 01 - State Highway Agency

Feature Inters: SR 4

Traffic Under: 1 - Highway, with or w/out
pedestrian

Insp. 01 - State Highway Agency
Resp A:

FIPS Code: 74104 - SPRINGDALE (HAM county)

Location: DISTRICT 08

OVER SR 4

Insp
Resp B:

Inspector Schmidt,Eric

Inspection Date 02/25/2025

Reviewer Meyer,Jeff

Summary Recommendations

Inspector: Schmidt,Eric
Inspection Date: 02/25/2025

Structure Number: 3112063
Facility Carried: WB IR 275

ODOT District: District 08

HAM-00275-2338L_(3112063)

Date Built: 07/01/1960
Rehab Date: 07/01/2008

Major Maint: 01 - State Highway Agency

Facility Carried: WB IR 275

Traffic On: 1 - Highway

Routine Maint: 01 - State Highway Agency

Feature Inters: SR 4

Traffic Under: 1 - Highway, with or w/out
pedestrian

FIPS Code: 74104 - SPRINGDALE (HAM county)

Location: DISTRICT 08

OVER SR 4

Insp. Resp 01 - State Highway Agency
A:
Insp
Resp B:

Inspector

Schmidt,Eric

Inspection Date 02/25/2025

Reviewer Meyer,Jeff

Governing Members

Inspector: Schmidt,Eric
Inspection Date: 02/25/2025

Structure Number: 3112063
Facility Carried: WB IR 275

Historic Bridge Data

Status

(8) Structure File Number (SFN)	3112063	(37) Historical Significance Code	5-Not Eligible
(826) NR Recommendation	5-Not Eligible	(837) Historical District	
(840) Historical National Register Listed	N - No	(834) Reviewed By	
(850) In Management Plan (2009)	N- No		

Identification

(825) Historical Bridge Name		(7) Facility Carried	WB IR 275
(22) Owner	01 - State Highway Agency	(6) Feature Intersected	SR 4
(4) Place Code (FIPS)	74104 - SPRINGDALE (HAM county)	(5) Inventory Route	
(3) County (Parish) Code	31 - Hamilton	(B) Route Signing Prefix	1 - INTERSTATE HIGHWAY
(2) Highway Agency District	District 08	(D) Route Number	00275
(9) Location	OVER SR 4	(16) Latitude at Rear Abutment	39.29537 degrees
(883) UTM		(17) Longitude at Rear Abutment	-84.48542 degrees

Structural Information

(43) Main Structure Type	4 - Steel continuo us	02 - Stringer/ Multi-beam or Girder	N- Not Applicabl e	(827) Historical Year Built	1960
(828) Historical Bridge Type	330 - CONTINUOUS			(836) Historical Data Source	014 - ODOT
(49) Structure Length	196.3	ft		(831) Historical Builder	192
(45) No. of Main Spans	3			(842) Historical Bridge Designer	126
(407) Bridge Railing Type	I - 42" Deflector Type Parapet (Single Slope)			(106) Year Reconstructed	2008
				(829) Previous Inventory Date	2004

Classification of Service

(26) Functional Class of Inventory Route	11 - Urban - Principal Arterial - Interstate	(29) Average Daily Traffic (ADT)	37489
(104) Highway System of the Inventory Route	1 - Structure/Route is on NHS	(30) Year of ADT	2015
(71) Waterway Adequacy	N - Not Applicable	(109.01) Avg. Daily Truck Traffic (ADTT)	13
		(102) Direction of Traffic	1-way traffic

Historical Significance

(843) Historical Setting/Context

Inspector: Schmidt,Eric
Inspection Date: 02/25/2025

Structure Number: 3112063
Facility Carried: WB IR 275

(844) Historical Physical Description

The 3 span, 194'-long, continuous steel stringer bridge has a concrete deck and is supported on concrete bents and spill thru abutments. The bridge was widened in kind in 1979. Concrete safety shape barriers have replaced original railings.

(845) Historical Integrity

The bridge has been widened and has replacement railings.

(846) Historical Significant Description

The bridge is one of the standard bridge types used in the development of Ohio's comprehensive Interstate highway system. It is not individually distinguished for its technology and has no unusual or distinctive details or features. Ohio's Interstate h

(847) Historical Bridge Remarks

(860) Justification

Inspector: Schmidt,Eric
Inspection Date: 02/25/2025

Structure Number: 3112063
Facility Carried: WB IR 275

Capacity				
(51) Bridge Rdwy Width Curb-Curb	86.9	ft	(66) Inventory Rating Load	1
(873) Bridge Rdwy Width Required		ft	(64) Operating Rating Load	1.3
(872) Bridge Rdwy Width Adequate	Y		(878) Inventory Rating Load - Required	
(32) Approach Rdway Width	86.2	ft	(877) Inventory Rating Load - Adequate	Y
(841) Bridge Wider	Y		(28) Lanes On	05
(52) Deck Width Out-Out	90.0	ft	(880) Lanes On - Required	ft
(50A) Curb/Sidewalk Left Side - Width	0	ft	(879) Lanes On - Adequate	Y- Yes
(50B) Curb/Sidewalk Right Side - Width	0	ft	(876) Geometry Adequate	
(10) Minimum Vertical Clearance On, Cardinal	99	ft	(871) Alignment/Sight Distance Adequate	

(874) Conformance Comments

(882) Structural Deficiency Summary

(875) Crash Data

Historic Bridge Management Plan

(853) Historical Management Summary

Preservation Potential	
(861) Prudent and Feasible to Leave Bridge in Place	(862) Preservation Potential
(863) Preservation Summary	

(861) Prudent and Feasible to Leave Bridge in Place

(862) Preservation Potential

(863) Preservation Summary

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(864) No Build Alternative Consideration

(881) Rehab Without Adverse Effect

(865) Historic Bypass Information

(866) Other Preservation Options

(867) Preservation Recommendation

(868) Comment Recommendation

(869) Comment Date

(870) Plan Comment

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Inspection Date: 02/25/2025

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