

STATE OF OHIO
BRIDGE INSPECTION REPORT

Structure File Number: 1807749

Inventory Bridge Number: CUY-00090-0607 _(1807749)

WESTWAY DRIVE over Westway Drive

Inspection Type: Routine

Inspection Date: 07/21/2020

District: 12

County: 18 - Cuyahoga

Place Code (FIPS): 68056

Bridge Type:

4 - Steel continuous

02 - Stringer/Multi-beam or Girder

N- Not Applicable

Type of Service:

1 - Highway

Maintenance Responsibility:

01 - State Highway Agency

Inspection Responsibility:

01 - State Highway Agency

Routine Maintenance Responsibility:

04 - City or Municipal Highway Agency

Lead Inspector: Gerstenslager,
Michael

Reviewed by: Youssef Seif

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Ohio Bridge Inspection Summary Report

CUY-00090-0607 (1807749)

2: District 12 68056 - ROCKY RIVER (CUY county)
 21: Major Maint A/B 01 - State Highway Agency /
 225 Routine Main A/B 04 - City or Municipal Highway /
 Agency
 221 Inspection A/B 01 - State Highway Agency /
 220: Inv. Location CUY

5A: Inventory Route 1 00090
 7: Facility On WESTWAY DRIVE
 6: Feature Ints Westway Drive
 9: Location .12 MI E OF JCT SR254

Condition	
58: Deck	7 - Good Condition
58.01 Wearing Surface	7 - Good (1% distress)
58.02 Joint	6- Satisfactory (isolated leaking)
59: Superstructure	7 - Good Condition
59.01 Paint & PCS	6 - Satisfactory (5-10% corr.)
60: Substructure	5 - Fair Condition
61: Channel	N - Not Applicable
61.01 Scour	N - Not Applicable
62: Culverts	N - Not Applicable

Structure Type	
43: Bridge Type	4 - Steel continuous 02 - Stringer/Multi-beam or Girder N- Not Applicable
45: Spans Main / Approach	2 / 0
107: Deck Type	1 - Concrete Cast-in-Place
408: Composite Deck	N - Non-composite Construction
414A Joint Type 1	8 - Elastomeric Strip Seal
414B: Joint Type 2	N - None
108A: Wearing Surface	2 - Integral Concrete (separate non-modified layer of concrete added to structural deck) 1- Super Plasticized

67.01 GA 5

Appraisal				
36: Rail, Tr, Gd, Term Std	1	1	1	1
72: Approach Alignment	8 - Equal to present desirable criteria			
113: Scour Critical	N - Not over waterway			
71: Waterway Adequacy	N - Not Applicable			

422: WS Date	07/01/1993
423: WS Thick (in)	2.0
482: Protective Coating	5 - Paint System OZEU
483: PCS Date	09/22/2000
453: Bearing Type 1	2 - Rockers & Bolsters
455: Bearing Type 2	N - None
528: Foundn: Abut Fwd	2 - Cast-in-Place Reinforced Concrete Piles (Other diameter)
533: Foundn: Abut Rear	2 - Cast-in-Place reinforced Concrete Piles (Other diameter)
536: Foundn: Pier 1	2 - Cast-in-Place Reinforced Concrete Piles (Other diameter)
539: Foundn: Pier 2	0 - Other

Geometric	
48: Max Span Length (ft)	115.0
49: Structure Length (ft)	234.0
52: Deck Width, Out-To-Out (ft)	34.0
424: Deck Area (sf)	7956.0
32: Appr Roadway Width (ft)	28.0
51: Road Width, Curb-Curb (ft)	28.0
50A: Curb/SW Width: Left (ft)	2
50A: Curb/SW Width: Right (ft)	2
34: Skew (deg)	56
33: Bridge Median	0 - No median
54B: Min Vert Underclearance (ft)	14.71
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	1975 /
42A: Service On	1 - Highway
42B: Service Under	1 - Highway, with or w/out pedestrian
28A: Lanes on	02
28B: Lanes Under	06
19: Bypass Length	1
29: ADT	19405
109: % Trucks (%)	3

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	07/01/1975
63: Analysis Method	6 - Load Factor (LF) rating reported by rating factor (RF) method using MS18 loading.

Inspections		
	Months	
90: Routine Insp.	12	07/21/2020
92A: FCM Insp.	N	
92B: Dive Insp.	N	
92C: Special Insp.	N	
92D: UBIT Insp.	N	
92E: Drone Insp.		
Inspector	Gerstenslager,Michael	

Inspector: Michael Gerstenslager

Inspection Date: 07/21/2020

Structure Number: 1807749

Facility Carried: WESTWAY DRIVE

Bridge Inspection Report

Location Map

Inspector: Michael Gerstenslager

Inspection Date: 07/21/2020

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Bridge Inspection Report

Executive Summary

ODOT District: 12

CUY-00090-0607_(1807749)

Date Built: 07/01/1975

Major Maint: 01 - State Highway Agency

Facility Carried: WESTWAY DRIVE

Traffic On: 1 - Highway

Rehab Date:

Routine Maint: 04 - City or Municipal Highway Agency

Feature Inters: Westway Drive

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

Insp. 01 - State Highway Agency

FIPS Code: 68056 - ROCKY RIVER (CUY county)

Location: CUY

.12 MI E OF JCT SR254

Insp

Resp B:

Inspector Gerstenslager,Michael Inspection Date 07/21/2020

Reviewer Youssef Seif

National Bridge Inventory

Status 2 - FO Sufficiency Rating 61.0

Identification		Inspections	
(1) State Code	395 - Ohio	(90) Inspection Date	07/21/2020
(8) Structure File Number (SFN)	1807749	(91) Designated Inspection Frequency	12
(7) Facility Carried	WESTWAY DRIVE	(92) Critical Feature Inspection	(93) CFI Date
(208) Route on the Bridge	41 - Municipal	A. Fracture Critical Detail	N
(2) Highway Agency District	12	B. Underwater Inspection	N
(3) County Code	18 - Cuyahoga	C. Other Special Inspection	N
(209) Interstate Mile Marker		D.01 Snooper Inspection	N
(201) Special Designation	CR	E.01 Drone Inspection	
(4) Place Code (FIPS)	68056 - ROCKY RIVER (CUY county)	Condition	
(5) Inventory Route		(58) Deck	7 - Good Condition
(A) Record Type On/Under Always "On"	1: Route carried "on" the structure	(58.01) Wearing Surface	7 - Good (1% distress)
(B) Route Signing Prefix (Highway System)	1 - INTERSTATE HIGHWAY	(58.02) Expansion Joint	6- Satisfactory (isolated leaking)
(C) Designated Level of Service (Highway Designation)	7 - RAMP, WYE, CONNECTOR	(59) Superstructure	7 - Good Condition
(D) Route Number	00090	(59.01) Protective Coating System (PCS)	6 - Satisfactory (5-10% corr.)
(E) Directional Suffix	0 - NOT APPLICABLE	(60) Substructure	5 - Fair Condition
(6) Features Intersected	Westway Drive	(61) Channel & Channel Protection	N - Not Applicable
(9) Location	.12 MI E OF JCT SR254	(61.01) Scour	N - Not Applicable
(11) Milepoint	6.07	(62) Culvert	N - Not Applicable
(12) Base Highway Network	Inventory Route is not on the Base Network	(67.01) General Appraisal	5 - Fair Condition (minor section loss)
(13A) LRS Inventory Route			
(13B) Subroute Number			
(16) Latitude	41.47216 Degrees		
(17) Longitude	-81.85510 Degrees		
(16.01) Latitude - Ohio	41.472161		
(17.01) Longitude - Ohio	-81.855103		
(98A) Border Bridge State Code			
(98B) Border Bridge State Percent Responsibility			
(99) Border Bridge Struct No.			

ODOT District: 12

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Rehab Date:

Routine Maint: 04 - City or Municipal Highway

Feature Inters: Westway Drive

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

Insp. Resp A: 01 - State Highway Agency

FIPS Code: 68056 - ROCKY RIVER (CUY county)

Location: CUY

.12 MI E OF JCT SR254

Insp Resp B:

Inspector Gerstenslager, Michael Inspection Date 07/21/2020

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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 5 - HS 20

(63) Operating Rating Method 6 - Load Factor (LF) rating reported by rating factor (RF) method using MS18 loading.

(64) Operating Rating Factor 1.3

(44) Approach Type

A. 0 - Other

B. 00 - Other

C. N- Not Applicable

(65) Inventory Rating Method 6 - Load Factor (LF) rating reported by rating factor (RF) method using MS18 loading.

(66) Inventory Rating Factor 1

(41) Structure Open, Posted, or Closed to Traffic A - Open

(45) Number of Spans in Main Unit 2

(70) Bridge Posting 5 - Equal to or above legal loads

(46) Number of Approach Spans 0

(70.01) Date Posted

(107) Deck Structure Type 1 - Concrete Cast-in-Place

(70.02) Posted Sign Type

(107.01)

(70.03) Posted Weight

(108B) External Deck Protection N - NA

(108C) Internal Deck Protection 4 - Cathodic Protection

(422) Wearing Surface Date 07/01/1993

(108A) Wearing Surface Type 2 - Integral Concrete (separate non-modified layer of concrete added to structural deck)

Appraisal

(108A.01) 1- Super Plasticized

(67) Structural Evaluation 5 - Somewhat better than minimum adequacy

(423) Wearing Surface Thickness 2.0 in

(68) Deck Geometry 3 - Intolerable - high priority of corrective action

(483) Protective Coating System Date 09/22/2000

(69) Underclearances, Horizontal and Vertical 3 - Intolerable - high priority of corrective action

Age of Service

(27) Year Built 1975

(71) Waterway Adequacy N - Not Applicable

(263) Date Built 07/01/1975

(72) Approach Roadway Alignment 8 - Equal to present desirable criteria

(106) Year Reconstructed

(36) Traffic Safety Feature

(264) Major Reconstruction Date

A. Bridge Railings: 1 - Meets acceptable standards

(42) Type of Service On 1 - Highway

B. Transitions: 1 - Meets acceptable standards

Under 1 - Highway, with or w/out pedestrian

C. Approach Guardrail 1 - Meets acceptable standards

D. Approach Guardrail Ends 1 - Meets acceptable standards

(28) Lanes On 02 Under 06

(113) Scour Critical N - Not over waterway

(29) Average Daily Traffic 19405 (30) ADT Yr. 2002

(109) Truck Percentage 3 % Truck

(114) Future Avg Daily Traffic 118288 (115) Future ADT Yr. 2038

(19) Bypass Detour Length 1 mi.

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Rehab Date:

Routine Maint: 04 - City or Municipal Highway Agency
68056 - ROCKY RIVER (CUY county)

Feature Inters: Westway Drive

Traffic Under: 1 - Highway, with or w/out pedestrian
.12 MI E OF JCT SR254

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

FIPS Code: 68056 - ROCKY RIVER (CUY county)

Location: CUY

.12 MI E OF JCT SR254

Inspector Gerstenslager,Michael Inspection Date 07/21/2020

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Classification	Geometric Data
----------------	----------------

(112) NBIS Bridge	Yes	(48) Longest Span	115.0 Ft.
(104) Highway System of the Inventory Route	1 - Structure/Route is on NHS	(49) Structure Length	234.0 Ft.
(26) Functional Classification of Inventory Route	11 - Urban - Principal Arterial - Interstate	(50A) Curb/Sidewalk Left Side - Width	2 Ft.
		(50B) Curb/Sidewalk Right Side - Width	2 Ft.
(100) Strahnet Highway Designation	Is on an Interstate STRAHNET route	(51) Brdg Roadway Width Curb-to-Curb	28.0 Ft.
(101) Parallel Structure Designation	R - Right structure (North or East)	(52) Deck Width, Out-to-Out	34.0 Ft.
(102) Direction of Traffic	1-way traffic	(32) Approach Roadway Width	28.0 Ft.
(103) Temporary Structure Design		(33) Bridge Median	0 - No median
(105) Federal Lands Highways	Not Applicable	(34) Skew	56 Deg.
(110) Designated National Network	Inventory route on National Truck Network	(35) Structure Flared	0 - No flare
(20) Toll	3 - On Free Road		

Clearances

(225) Routine Maintenance Responsibility	A. 04 - City or Municipal Highway Agency B.	(10) Practical Maximum Vertical Clearance	99 Ft.
(21) Maintenance Responsibility	01 - State Highway Agency	(53) Minimum Vertical Clearance Over Bridge Roadway	99 Ft.
(21B) Major Maint. Responsibility B		(47) Total Horizontal Clearance (Inventory Route)	57 Ft.
(221) Inspection Program Responsibility	A. 01 - State Highway Agency B.	(54) Minimum Vertical Under Clearance	B. 14.71 Ft.
(22) Owner	01 - State Highway Agency		A. H - Highway beneath structure
(37) Historical Significance	5 - Not eligible	(56) Minimum Lateral Under Clearance on Left	10 Ft.
		(55) Minimum Lateral Under Clearance on Right	B. 11 Ft.
			A. H - Highway beneath structure

Navigation Data

(38) Navigation Control	N - Not applicable, no waterway
(39) Nav Vert Clearance	0.0 Ft.
(40) Nav Horizontal Clearance	0.0 Ft.

(111) Pier or Abutment Protection	
(116) Minimum Navigation Vertical Clearance, Vertical Lift Bridge	0.0 Ft.

NBI 005A: On/Under 1: Route carried "on" the structure
 NBI 005D: Route No. 00090

	<u>Cardinal Direction</u>		<u>Non-Cardinal Direction</u>	
(336) Minimum Vertical Clearance on IR	99	Ft.	0	Ft.
(335) Minimum Horizontal Clearance on IR	57	Ft.	57	Ft.

Ohio Bridge Inventory

General

(203) Bridge Name (Dedicated Name)	
(204) Ohio Designated MPO	08 - NOACA (Cleveland)
(205) Route Number Extension	
(206) Inventory Preferred Route	NP - Non Preferred Route
(5.01) Priority System Code (Inventory Route)	
(213) NLF_ID Inventory Route	SCUYIR00090**C
(218) Major Bridge	N - No
(220) Inventory Location	CUY
(226) Seismic Susceptibility	N - not applicable
(227) GASB	Y - Yes
(236) Future Traffic Factor	1.388
(245) Aperture Cards Fabrication	1 - Yes
(246) Aperture Cards Original	1 - Yes
(247) Aperture Cards Repair	2 - No
(248) Original Construction Project Number	077473
(251) Standard Drawing Number	SD-1-69
(252) Microfilm Reel Number	CUY048
(261) Bridge Remarks	

CUY-00090-06070-

(265) Electric Line Present	Y - Bridge carries this utility
(266) Gas Line Present	U - Unknown
(269) Sanitary Sewer Present	U - Unknown
(306) NBIS Bridge Length	234
(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	57	57	ft.

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	
(706) Load Rater Last Name	
(707) Load Rater PE Number	0
(704) Load Rating Date	07/01/1975
(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

Deck & Approach

(224) Temporary Subdecking	N - No	
(404) Approach Slab Type	1 - Reinforced Concrete	
(405) Approach Slab Length	0	
	1	2
	3	
(406) Bridge Median Type	N - None	N - Non Barrier
		N - No Joint
(407) Bridge Railing Type	3 - Reinforced Concrete Safety Curb and Parapet with Aluminum Railing	
(408) Composite Deck Code	N - Non-composite Construction	
(419) Expansion Joint with Trough Retrofit 2		
(421) Joint Trough (Y/N)		
(431) Fence	Y - The bridge includes this feature	
(432) Fence Height on Bridge	6	
(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	7956.0	
(427) Left Sidewalk/Curb Material	1 - Concrete	
(428) Left Sidewalk/Curb Type	1 - Safety Curb (2' or less width)	
(429) Right Sidewalk/Curb Material	1 - Concrete	
(430) Right Sidewalk/Curb Type	1 - Safety Curb (2' or less width)	

Substructure

(526) Abutment Forward Type	2 - Cantilever	
(527) Abutment Forward Material Type	2 - Concrete	
(528) Abutment Forward - Foundation Type	2 - Cast-in-Place Reinforced Concrete Piles (Other diameter)	
(531) Abutment Rear Type	2 - Cantilever	
(532) Abutment Rear Material Type	2 - Concrete	
(533) Abutment Rear - Foundation Type	2 - Cast-in-Place reinforced Concrete Piles (Other diameter)	
(534) Pier 1 (Predominate) Type	4 - Open 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	N - None	
(538) Pier 2 Material	N - None	
(539) Pier 2 Type - Foundation Type	0 - Other	
(547) Slope Protection Type	N - None	

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	U - Unknown		
	A	B	C
(414) Expansion Joint Type	8 - Elastomeric Strip Seal	N - None	N - None
(301) Horizontal Curve Degree			
(453) Bearing Device 1, Type	2 - Rockers & Bolsters		
(455) Bearing Device 2, Type	N - None		
(465) Framing Type	4 - Straight 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	3 - Welded Built-Up Steel		
(482) Protective Coating System Type	5 - Paint System OZEU		
(487) Structural Member Steel Type	U - Unknown		
(498) Protective Coating System Surface Area	0		
(499) Structural Steel Paint	2 - Field		
(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			

Inspector: Michael Gerstenslager

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Facility Carried: WESTWAY DRIVE

Bridge Inspection Report

Element Inspection

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
12 - Reinforced Concrete Deck	3 - Mod.	7684	sq. ft.	6864	800	20	0
805 - Wearing Surface - Monolithic Concrete		6328	sq. ft.	6203	125	0	0
107 - Steel Open Girder/Beam	3 - Mod.	904	ft.	849	55	0	0
515 - Steel Protective Coating		8249	sq. ft.	7199	0	950	100
205 - Reinforced Concrete Column	3 - Mod.	4	each	0	2	2	0
215 - Reinforced Concrete Abutment	3 - Mod.	68	ft.	58	10	0	0
305 - Assembly Joint without Seal	3 - Mod.	68	ft.	0	67	0	1
311 - Movable Bearing	3 - Mod.	8	each	6	0	2	0
313 - Fixed Bearing	3 - Mod.	4	each	4	0	0	0
321 - Reinforced Concrete Approach Slab	3 - Mod.	1680	sq. ft.	1638	42	0	0
331 - Reinforced Concrete Bridge Railing	3 - Mod.	452	ft.	427	25	0	0
815 - Drainage	3 - Mod.	2	each	2	0	0	0
830 - Abutment Backwall	3 - Mod.	68	ft.	59	0	9	0

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Location: CUY

.12 MI E OF JCT SR254

Resp A:

Insp

Resp B:

Inspector

Gerstenslager, Michael

Inspection Date

07/21/2020

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Inspector Comments - Deck and Approach

Deck

Floor/Slab (SF)

Transverse cracks. Minor mottled areas. Approx 20 sf of spalls, and 20 sf of delaminations. 2 small full depth repairs. Spalls forming over Eastbound traffic in bays 1 and 2 over lane 2.

Edge of Floor/Slab (LF)

A few cracks.

Bridge Wearing Surface (SF)

A few cracks and a few small asphalt patches.

Curbs/Sidewalk (LF)

Curb delams. Spalls to forward-right & both rear approach curbs.

Bridge Railing (LF)

Vertical & horizontal cracks. A few rust stains. Small hole to right fence fabric over EB lane #2.

Expansion Joint (LF)

Rusted thru holes in rear-right sidewalk & curb cover plates & forward-left curb plate. Forward-right sidewalk cover plate removed. Both joints filled with tar.

Approach

Approach Wearing Surface (EA)

Cracks, most sealed. small pothole at forward.

Approach Slab (SF)

Asphalt patches along exjt headers.

Approach Guardrail (EA)

Minor collision damage to both forward guardrails. Some rusted thru holes. Rail at forward-left is nearly rust severed at first post. Post rot.

Signs (EA)

No bridge end markers.

Inspector Comments - General Appraisal

Superstructure

Beams/Girders (LF)

Minor rusted section loss near beam ends. Minor scrapes & gouges to lower flange of all beams over EB lane #3.

Diaphragm/X-Frames (EA)

Minor rusted section loss.

Bearing Devices (EA)

3 of 4 rear rockers and forward rocker 4 slightly tipped out at 85° f. Pack rust to bearings 3 and 4 at rear.

Protective Coating System (LF)

Rust. Areas of peeling & blistering paint (mainly to lower flanges). Tested areas not painted.

Substructure

Abutment Walls (LF)

Cracks. Rust stains. Delams below forward bay 2. Dirt and debris on both seats.

Pier Columns/Bents (EA)

Cracks. Delams as large as 20 sf & spalls on C1 & C2. All four columns have delams or spalls at tops. Columns 1 and 2 have spalls with exposed rebar at tops and spalls extend to edges of masonry plates (no seat loss).

Backwalls (LF)

Large delams & shallow spalls in forward bays 2 & 3.

Wingwalls (EA)

Spall / thru hole at rear-right.

Culvert

Inspector Comments - Waterway

Waterway Adequacy

Channel

Scour Critical

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Location: CUY

.12 MI E OF JCT SR254

Resp A:

Insp

Resp B:

Inspector

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Under Records

Under Record 1

Identification

(1) State Code	395 - Ohio	(6) Features Crossed Over	WESTWAY DRIVE
(11) Milepoint	6.070	(7) Facility Carried Under	WESTWAY DRIVE
(201) Special Designation		(8) Structure No.	1807749
(5A) Roadway On/Under	2: Single route goes "under" the structure	(12) Base Highway Network	Inventory Route is not on the Base Network
(5B) Route Type	1 - INTERSTATE HIGHWAY	(13A) LRS Route	
(5C) Level of Service	1 - MAINLINE	(13B) Subroute Number	
(5D) Route Number	00090	(213) NLF_ID Under Route	SCUYIR00090**C
(5E) Directional Suffix	0 - NOT APPLICABLE	(206) Preferred Under Route	

Age of Service

(19) Bypass Detour Length		(381) Intersected Route Daily Truck Traffic	3997
(29) Est Average Daily Traffic	85222	(109) Average Daily Truck Traffic	5
(30) Year of Average Daily Traffic	2015		

Geometric Data

(10) Practical Maximum Vertical Clearance	14.75	(47) Total Horizontal Clearance	28
	CARDINAL		NON-CARDINAL
(336A) Minimum Vertical Clearance	14.708	(336B) Minimum Vertical Clearance	14.754
(335A) Minimum Horizontal Clearance	28	(335B) Minimum Horizontal Clearance	0

Classification

(20) Toll	3 - On Free Road	(101) Parallel Highway	N - No parallel structure
(26) Functional Classification	11 - Urban - Principal Arterial - Interstate	(102) Direction of Traffic	2-way traffic
(209) Interstate Mile Marker	161.88	(104) Highway System of the Under Route	1 - Structure/Route is on NHS
(100) STRAHNET Highway	Is on an Interstate STRAHNET route	(110) Designated National Network	Inventory route on National Truck Network

Inspector: Michael Gerstenslager

Inspection Date: 07/21/2020

Structure Number: 1807749

Facility Carried: WESTWAY DRIVE

Bridge Inspection Report

Channel Measurement

Date of Channel Measurements:

Distance Measured From:

Depth Measured From:

Number of Measurement Points Taken:

Number of Fixed Objects in Channel:

Water Level:

High Water Mark:

Measurement Type:



Inspector: Michael Gerstenslager

Inspection Date: 07/21/2020

Structure Number: 1807749

Facility Carried: WESTWAY DRIVE

Bridge Inspection Report

Pictures

Inspector: Michael Gerstenslager

Inspection Date: 07/21/2020

Structure Number: 1807749

Facility Carried: WESTWAY DRIVE

Bridge Inspection Report

Sketches

CUY-00090-0607_(1807749)

ODOT District: 12

Major Maint: 01 - State Highway Agency

Facility Carried: WESTWAY DRIVE

Traffic On: 1 - Highway

Date Built: 07/01/1975

Rehab Date:

Routine Maint: 04 - City or Municipal Highway Agency

Feature Inters: Westway Drive

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

Insp. 01 - State Highway Agency

Resp A:

FIPS Code: 68056 - ROCKY RIVER (CUY county)

Location: CUY

.12 MI E OF JCT SR254

Insp

Resp B:

Inspector

Gerstenslager,Michael

Inspection Date

07/21/2020

Reviewer

Youssef Seif

Summary Recommendations

ODOT District: 12

CUY-00090-0607_(1807749)

Date Built: 07/01/1975

Major Maint: 01 - State Highway Agency

Facility Carried: WESTWAY DRIVE

Traffic On: 1 - Highway

Rehab Date:

Routine Maint: 04 - City or Municipal Highway Agency

Feature Inters: Westway Drive

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

Insp. Resp A: 01 - State Highway Agency

FIPS Code: 68056 - ROCKY RIVER (CUY county)

Location: CUY

.12 MI E OF JCT SR254

Insp

Resp B:

Inspector

Gerstenslager,Michael

Inspection Date

07/21/2020

Reviewer Youssef Seif

Governing Members

CUY-00090-0607_(1807749)

ODOT District: 12

Major Maint: 01 - State Highway Agency

Facility Carried: WESTWAY DRIVE

Traffic On: 1 - Highway

Date Built: 07/01/1975

Rehab Date:

Routine Maint: 04 - City or Municipal Highway Agency

Feature Inters: Westway Drive

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

Insp. 01 - State Highway Agency

Resp A:

FIPS Code: 68056 - ROCKY RIVER (CUY county)

Location: CUY

.12 MI E OF JCT SR254

Insp

Resp B:

Inspector

Gerstenslager,Michael

Inspection Date

07/21/2020

Reviewer

Youssef Seif

Complex Bridge Superstructure Comments

Historic Bridge Data

Status

(8) Structure File Number (SFN)	1807749	(37) Historical Significance Code	5 - Not eligible
(826) NR Recommendation		(837) Historical District	
(840) Historical National Register Listed		(834) Reviewed By	
(850) In Management Plan (2009)			

Identification

(825) Historical Bridge Name	(7) Facility Carried	WESTWAY DRIVE	
(22) Owner	01 - State Highway Agency	(6) Feature Intersected	Westway Drive
(4) Place Code (FIPS)	68056 - ROCKY RIVER (CUY county)	(5) Inventory Route	
(3) County (Parish) Code	18 - Cuyahoga	(B) Route Signing Prefix	1 - INTERSTATE HIGHWAY
(2) Highway Agency District	12	(D) Route Number	00090
(9) Location	.12 MI E OF JCT SR254	(16) Latitude at Rear Abutment	41.47216 degrees
(883) UTM		(17) Longitude at Rear Abutment	-81.85510 degrees

Structural Information

(43) Main Structure Type	4 - Steel continuous	02 - Stringer/ Multi-beam or Girder	N- Not Applicable	(827) Historical Year Built
(828) Historical Bridge Type				(836) Historical Data Source
(49) Structure Length	234.0	ft		(831) Historical Builder
(45) No. of Main Spans	2			(842) Historical Bridge Designer
(407) Bridge Railing Type	3 - Reinforced Concrete Safety Curb and Parapet with Aluminum Railing			(106) Year Reconstructed
				(829) Previous Inventory Date

Classification of Service

(26) Functional Class of Inventory Route	11 - Urban - Principal Arterial - Interstate	(29) Average Daily Traffic (ADT)	19405
(104) Highway System of the Inventory Route	1 - Structure/Route is on NHS	(30) Year of ADT	2002
(71) Waterway Adequacy	N - Not Applicable	(109.01) Avg. Daily Truck Traffic (ADTT)	582
		(102) Direction of Traffic	1-way traffic

Historical Significance

(843) Historical Setting/Context

(844) Historical Physical Description

(845) Historical Integrity

(846) Historical Significant Description

(847) Historical Bridge Remarks

(860) Justification

Capacity

(51) Bridge Rdwy Width Curb-Curb	28.0	ft	(66) Inventory Rating Load	1
(873) Bridge Rdwy Width Required		ft	(64) Operating Rating Load	1.3
(872) Bridge Rdwy Width Adequare	Y		(878) Inventory Rating Load - Required	
(32) Approach Rdwy Width	28.0	ft	(877) Inventory Rating Load - Adequate	Y
(841) Bridge Wider	N		(28) Lanes On	02
(52) Deck Width Out-Out	34.0	ft	(880) Lanes On - Required	
(50A) Curb/Sidewalk Left Side - Width	2	ft	(879) Lanes On - Adequate	Y- Yes
(50B) Curb/Sidewalk Right Side - Width	2	ft	(876) Geometry Adequate	
(10) Minimum Vertical Clearance On, Cardinal	99	ft	(871) Alignment/Sight Distance Adeqaute	

(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

(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

