

STATE OF OHIO DEPARTMENT OF TRANSPORTATION

BRIDGE INSPECTION FIELD REPORT

Structure File Number: 1808656

Inventory Bridge Number: CUY 00090 08.340

Bridge Type: 3 - STEEL/2 - BEAM/2 - CONTINUOUS

Sufficiency Rating: 58.6

Date Built: 7/1/1971

District: 12 Place Code (FIPS): LAKEWOOD

WOODWARD AVENUE over WOODWARD RD

Type of Service on: HIGHWAY-PEDESTRIAN

APPROACH ITEMS

	condition state					cr
	QTY.	1	2	3	4	
c1. Approach Wearing Surface (EA)	2					1
c2. Approach Slabs (SF)	0					2
c3. Relief Joint (LF)						
c4. Embankment (EA) d	4					1
c5. Guardrail (EA)	4					2
N36. Safety Features: Tr, Gr, Tm						
c6. Approach Summary	36)B 0	36)C 0	36)D 0	(9-0)		6

DECK ITEMS

	condition state					cr
	QTY.	1	2	3	4	
c7.1 Floor/Slab (SF)	10360					1
c7.2 Edge of Floor/Slab (LF)	560					1
c8. Wearing Surface (SF)	7280					2
c9. Curb/Sidewalk/Walkway (LF)	560.0					1
c10. Median (LF)						
c11. Railing (LF)	560					1
N36. Safety Features: Rail						
c12. Drainage (EA) d	0.0					2
c13. Expansion Joint (LF) d	0.0					2
N58. Deck Summary	36)A 1					(9-0) 7

SUPERSTRUCTURE ITEMS

	condition state					cr
	QTY.	1	2	3	4	
c14. Alignment (EA) d	4					1
c15.1 Beams/Girders (LF)	0.0					1
c15.2 Slab (SF)						
c16. Diaphragm/X-Frames (EA)	0.0					2
c17. Stringers (LF)						
c18. Floorbeams (LF)						
c19. Truss Verticals (EA)						
c20. Truss Diagonals (EA)						
c21. Truss Upper Chord (EA)						
c22. Truss Lower Chord (EA)						
c23. Truss Gusset Plate (EA) d						
c24. Lateral Bracing (EA)						
c25. Sway Bracing (EA)						
c26. Bearing Devices (EA) d	0.0					1
c27. Arch (LF)						
c28. Arch Column/Hanger (EA)						
c29. Arch Spandrel Walls (LF)						
c30. Prot. Coating System (LF) d	0.0					1
c31. Pins/Hangers/Hinges (EA) d						
c32. Fatigue (LF) d						
N59. Superstructure Summary						(9-0) 7

SUBSTRUCTURE ITEMS

	condition state					cr
	QTY.	1	2	3	4	
c33. Abutment Walls (LF)	75.1					1
c34. Abutment Caps (LF)						
c35. Abut. Columns/Bents (EA)						
c36. Pier Walls (LF)						
c37. Pier Caps (LF)	112.7					1
c38. Pier Columns/Bents (EA)	0.0					1
c39. Backwalls (LF)	75.1					1
c40. Wingwalls (EA)	4					1
c42. Scour (EA) d						
c43. Slope Protection (EA) d	2					1
N60. Substructure Summary						(9-0) 7

CULVERT ITEMS

	condition state					cr
	QTY.	1	2	3	4	
c44. General (LF)						
c45. Alignment (LF) d						
c46. Shape (LF) d						
c47. Seams (LF) d						
c48. Headwall/Endwall (LF)						
c49. Scour (LF) d						
c50. Abutments (LF)						
N62. Culvert Summary						(9-0) N

CHANNEL ITEMS

	condition state					cr
	QTY.	1	2	3	4	
c51. Alignment (LF) d						
c52. Protection (LF) d						
c53. Hydraulic Opening (EA) d						
c54. Navigation Lights (EA) d						
N61. Channel Summary						(9-0) N

SIGN/UTILITY ITEMS

	condition state					cr
	QTY.	1	2	3	4	
c55. Signs (EA) d	0.0					4
c56. Sign Supports (EA) d						
c57. Utilities (LF) d	0.0					2

General Appraisal

N41. Operating Status

Inspector Name	Breda, Daniel
Inspection Date/Type	03/11/2019 Routine
PE Number	
Reviewer Name	Seif, Youssef
Review Date	05/03/2019
PE Number	59487

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Key: "Qty" = Quantity for Element Level inspection; "(LF)" = Linear Feet; "(SF)" = Square Feet; "(EA)" = Each or count; "CR" = 1-4 Condition Rating or average of worst span unless Summary item 9-0, then the average of entire bridge influenced by the bold boxes; "TR" = Transition Rating or weighted average of condition states; "d" = dedicated or specific chart and guidance, all others use Material specific chart/guidance; "c" = condition prefix; "N" = NBIS rating

Inspection Procedures

Comments

APPROACH

c1. Approach Wearing Surface

CRACKS (SOME SEALED).

c2. Approach Slabs

CRACKS. LONGITUDINAL SPALLS WITH ASPHALT PATCHES IN CENTER OF BOTH SLABS. ASPHALT PATCH IN FORWARD NB LANE.

c4. Embankment

CRACKS TO FORWARD-RIGHT & BOTH REAR APPROACH WALKS.

c5. Guardrail

SPACER ROT. MINOR COLLISION DAMAGE TO FORWARD-LEFT. NOTE: NO GUARDRAIL AT REAR-RIGHT OR FORWARD-RIGHT.

DECK

c7.1 Floor/Slab

A FEW TRANSVERSE LEACHED CRACKS. A FEW MINOR SPALLS. FLOOR IS 1-5% DETERIORATED.

c8. Wearing Surface

A FEW CRACKS. MANY SPALLS, ASPHALT PATCHES & CONCRETE PATCHES IN ISOLATED AREA NEAR MID-POINT. OTHER CONCRETE PATCHES, MAINLY ALONG CURBS & BOTH EXJTS. OTHER SMALL SPALLS SCATTERED THROUGHOUT. WS IS 5-10% DETERIORATED.

c9. Curb/Sidewalk/Walkway

TRANSVERSE CRACKS. CONCRETE PATCHES ALONG CURBS.

c11. Railing

CRACKS. A FEW SEALED SPALLS TO RIGHT RAIL. NOTE: FENCING HAS NO BOTTOM RAIL.

c12. Drainage

REAR SCUPPERS COVERED WITH PLYWOOD. PARTIALLY PLUGGED SCUPPERS AT FORWARD. DEBRIS ALONG BOTH CURBS.

c13. Expansion Joint

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JOINTS FILLED WITH DEBRIS. CONCRETE PATCHES ALONG BOTH EXJTS.
GOUGE TO FORWARD ARMOR. FORWARD-LEFT CURB PLATE DAMAGED.
JOINTS LEAK AT CURBS.

SUPERSTRUCTURE

c14. Alignment

SLIGHT SAG IN LOWER FLANGE OF LEFT FASCIA IN SPAN 3.

c15.1 Beams/Girders

RUSTED SECTION LOSS WITH LOCALIZED AREAS OF DEEP PITTING TO
LOWER FLANGES AT BEAM ENDS.

c16. Diaphragm/Cross Frames

RUSTED SECTION LOSS WITH THRU HOLES TO ENDFRAMES IN REAR BAY 1
& FORWARD BAYS 1 & 3.

c26. Bearing Devices

RUSTED SECTION LOSS.

SUBSTRUCTURE

c33. Abutment Walls

CRACKS, SOME RUST STAINED. CONCRETE PATCHES.

c38. Pier Columns/Bents

CRACKS. 2 SF SPALL TO P2C2. DELAMS AS LARGE AS 4 SF TO BOTH
COLUMNS OF P2.

c37. Pier Caps

CRACKS. CONCRETE PATCHES. A FEW DELAMS & MINOR SPALLS.

c39. Backwalls

CRACKS. RUST STAINS. CONCRETE PATCHES.

c43. Slope Protection

CRACKING CONCRETE BELOW FORWARD DOWNSPOUTS.