

STATE OF OHIO DEPARTMENT OF TRANSPORTATION

BRIDGE INSPECTION FIELD REPORT

Structure File Number: 1800124

Inventory Bridge Number: CUY MUNPR 00.055

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

Sufficiency Rating: 82.5

Date Built: 7/1/1954

District: 12 Place Code (FIPS): CLEVELAND

MNCPL PARKING RAMP over SR-2 (MUNI PARKING Type of Service on: HIGHWAY-PEDESTRIAN

APPROACH ITEMS

- c1. Approach Wearing Surface (EA)
- c2. Approach Slabs (SF)
- c3. Relief Joint (LF)
- c4. Embankment (EA) d
- c5. Guardrail (EA)
- N36. Safety Features:
Tr, Gr, Tm
- c6. Approach Summary

QTY.	condition state				cr
	1	2	3	4	TR
2					2
0					1
64					2
4					1
4					1
36)B 1 36)C 1 36)D 1					(9-0) 6

DECK ITEMS

- c7.1 Floor/Slab (SF)
- c7.2 Edge of Floor/Slab (LF)
- c8. Wearing Surface (SF)
- c9. Curb/Sidewalk/Walkway (LF)
- c10. Median (LF)
- c11. Railing (LF)
- N36. Safety Features: Rail
- c12. Drainage (EA) d
- c13. Expansion Joint (LF) d
- N58. Deck Summary

QTY.	condition state				cr
	1	2	3	4	TR
4909.1					2
274					1
3562					2
137.0					1
274					2
36)A 1					(9-0) 6
2					1
0.0					3
N58. Deck Summary					(9-0) 6

SUPERSTRUCTURE ITEMS

- c14. Alignment (EA) d
- c15.1 Beams/Girders (LF)
- c15.2 Slab (SF)
- c16. Diaphragm/X-Frames (EA)
- 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
- c27. Arch (LF)
- c28. Arch Column/Hanger (EA)
- c29. Arch Spandrel Walls (LF)
- c30. Prot. Coating System (LF) d
- c31. Pins/Hangers/Hinges (EA) d
- c32. Fatigue (LF) d
- N59. Superstructure Summary

QTY.	condition state				cr
	1	2	3	4	TR
2					1
0.0					1
0.0					1
0.0					1
0.0					2
N59. Superstructure Summary					(9-0) 7

SUBSTRUCTURE ITEMS

- c33. Abutment Walls (LF)
- c34. Abutment Caps (LF)
- c35. Abut. Columns/Bents (EA)
- c36. Pier Walls (LF)
- c37. Pier Caps (LF)
- c38. Pier Columns/Bents (EA)
- c39. Backwalls (LF)
- c40. Wingwalls (EA)
- c42. Scour (EA) d
- c43. Slope Protection (EA) d
- N60. Substructure Summary

QTY.	condition state				cr
	1	2	3	4	TR
71.7					2
35.8					1
71.7					1
4					1
N60. Substructure Summary					(9-0) 6

CULVERT ITEMS

- 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

QTY.	condition state				cr
	1	2	3	4	TR
N62. Culvert Summary					(9-0) N

CHANNEL ITEMS

- c51. Alignment (LF) d
- c52. Protection (LF) d
- c53. Hydraulic Opening (EA) d
- c54. Navigation Lights (EA) d
- N61. Channel Summary

QTY.	condition state				cr
	1	2	3	4	TR
N61. Channel Summary					(9-0) N

SIGN/UTILITY ITEMS

- c55. Signs (EA) d
- c56. Sign Supports (EA) d
- c57. Utilities (LF) d

QTY.	condition state				cr
	1	2	3	4	TR
0.0					4
General Appraisal					(9-0) 6
N41. Operating Status					A

General Appraisal

N41. Operating Status

Inspector Name Persanyi, Andrea
Inspection Date/Type 01/24/2019 Routine
PE Number
Reviewer Name Seif, Youssef
Review Date 04/09/2019
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

MANY CRACKS. ASPHALT PATCHES. AREAS OF RUTTING.

c2. Approach Slabs

A FEW CRACKS.

c3. Relief Joint

CRACKS. ASPHALT PATCHES.

c4. Embankment

FORWARD-LEFT CONCRETE APPROACH RAIL HAS SETTLED AS MUCH AS 1" & TIPS OUT SLIGHTLY NEAR EXJT.

NOTE: SIDEWALK LEADS TO BRIDGE FROM THE SOUTH WITH NO SIDEWALK LEADING TO BRIDGE FROM THE NORTH (ENDS WITH DROP-OFF).

DECK

c7.1 Floor/Slab

A FEW CRACKS. LARGE STAINED AREAS IN BAY 2 OVER EB LANES #1 & #4. SPALL FORMING OVER TRAFFIC IN BAY 2 OVER EB LANE #1. FLOOR IS 1-5% DETERIORATED.

c8. Wearing Surface

A FEW CRACKS. APPROX 200 SF OF ASPHALT PATCHES WITH SOME NEWER, SOME ROUGH AREAS, SOME BREAKING UP CONCRETE & POTHOLES. AT LEAST 5% DELAMINATED. WS IS 5-10% DETERIORATED.

c11. Railing

HEAVY SCALING TO BRIDGE & PEDESTRIAN RAILS. A FEW CRACKS. MINOR DELAMS & SPALLS.

c13. Expansion Joint

GOUGES IN BOTH EXJTS. RUSTING SECTION LOSS TO ARMOR. DIRT & DEBRIS IN SEALS. LEAKING ALONG BOTH ABUTMENTS. SPALLS & ASPHALT PATCHES TO EXJT HEADERS.

SUPERSTRUCTURE

c15.1 Beams/Girders

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GOUGES AS DEEP AS 1/4" & SCRAPES IN LOWER FLANGE OF LEFT FASCIA
OVER EB LANES #3 & #4. A FEW SCRAPES TO OTHER LOWER FLANGES.

c16. Diaphragm/Cross Frames

RUSTING SECTION LOSS.

c30. Protective Coating System

FADED PAINT. 5% RUST. PCS IS 5-10% DETERIORATED.

SUBSTRUCTURE

c33. Abutment Walls

RUST STAINED CRACKS. A FEW DELAMS & SPALLS TO BOTH.

c36. Pier Walls

CRACKS. SMALL DELAMS.

c39. Backwalls

CRACKS. RUST STAINS.

c40. Wingwalls

EPOXY INJECTED CRACKS. SMALL CONCRETE PATCHES.