

# STATE OF OHIO DEPARTMENT OF TRANSPORTATION BRIDGE INSPECTION FIELD REPORT

Structure File Number: 1806564

Inventory Bridge Number: CUY 00077 13.180 N

Bridge Type: 0 - OTHER/9 - CULVERT/5 - FILLED

Sufficiency Rating: 70.7

Date Built: 7/1/1914

District: 12 Place Code (FIPS): CLEVELAND

I-77 over MORGANA RUN

Type of Service on: HIGHWAY

## APPROACH ITEMS

	QTY.	condition state				cr
		1	2	3	4	TR
c1. Approach Wearing Surface (EA)	2					1
c2. Approach Slabs (SF)						
c3. Relief Joint (LF)						
c4. Embankment (EA) d	2					1
c5. Guardrail (EA)	0.0					2
N36. Safety Features: Tr, Gr, Tm						
c6. Approach Summary						(9-0) 6

## DECK ITEMS

	QTY.	condition state				cr
		1	2	3	4	TR
c7.1 Floor/Slab (SF)						
c7.2 Edge of Floor/Slab (LF)						
c8. Wearing Surface (SF)						
c9. Curb/Sidewalk/Walkway (LF)						
c10. Median (LF)	13					
c11. Railing (LF)						
N36. Safety Features: Rail						
c12. Drainage (EA) d						
c13. Expansion Joint (LF) d	0.0					
N58. Deck Summary						(9-0) N

## SUPERSTRUCTURE ITEMS

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

## SUBSTRUCTURE ITEMS

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

## CULVERT ITEMS

	QTY.	condition state				cr
		1	2	3	4	TR
c44. General (LF)	375					2
c45. Alignment (LF) d	375					1
c46. Shape (LF) d	375					
c47. Seams (LF) d	0.0					
c48. Headwall/Endwall (LF)						
c49. Scour (LF) d	2					1
c50. Abutments (LF)						
N62. Culvert Summary						(9-0) 6

## CHANNEL ITEMS

	QTY.	condition state				cr
		1	2	3	4	TR
c51. Alignment (LF) d	200.0					1
c52. Protection (LF) d						
c53. Hydraulic Opening (EA) d	1					1
c54. Navigation Lights (EA) d						
N61. Channel Summary						(9-0) 8

## SIGN/UTILITY ITEMS

	QTY.	condition state				cr
		1	2	3	4	TR
c55. Signs (EA) d						
c56. Sign Supports (EA) d						
c57. Utilities (LF) d						
General Appraisal						(9-0) 6
N41. Operating Status						A

**Inspector Name** Banaszak, Ken  
**Inspection Date/Type** 12/04/2014 Underwater  
**PE Number** \_\_\_\_\_  
**Reviewer Name** Seif, Youssef  
**Review Date** 01/21/2015  
**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**

CULVERT WAS INSPECTED BY GPI ON OCTOBER 31, 2014.

**Comments**

**APPROACH**

c1. Approach Wearing Surface

INSPECTED WITH MG.  
CRACKS.

c5. Guardrail

CRACKS TO CONCRETE RAILS. AREAS OF SOME SETTLEMENT TO WEST RAIL.

**CULVERT**

c44. General

CRACKS IN MORTAR WITH AREAS OF HEAVY EFFLORESCENCE. LOCALIZED AREAS OF MISSING BRICK.