

BRIDGE INSPECTION REPORT

1801503
Structure File Number

BRIDGE NUMBER CUY 00010 1613

YEAR BUILT 1932

DIST 12

Bridge Type 343

TYPE SERVICE 5 7

CUY RIVER VALLEY & FI RR

DECK	out/out 83 Deck Area 272,652 sqft		C MICROSILICA MODIFIED CONCRETE OVERLAY	
1. FLOOR	1 REINF CONCRT (PRESTRSD, PRECAST)	2	2. WEARING SURFACE	Thk 1.5 Wear Date 9/1/2001 1
3. CURBS, SIDEWALKS AND WALKWAYS	Left 2 SIDEWALK(>2') / Right 2 SIDEWALK(>2')	1	4. MEDIAN	Lanes on 4
5. RAILING	5 REINF CONCR POST & CONCR PANE	1	6. DRAINAGE	3 SCUPPERS & DWNSPTS 1
7. EXPANSION JOINTS	0 OTHER	1	8. SUMMARY	7
SUPERSTRUCTURE			15 ROLLED STEEL	
9. ALIGNMENT	Max Spans 299	1	10. BEAMS/GIRDERS/SLAB	1
11. DIAPHRAGMS or CROSSFRAMES		1	12. JOISTS/STRINGERS	1
13. FLOOR BEAMS		1	14. FLOOR BEAM CONNECTIONS	1
15. VERTICALS		2	16. DIAGONALS	2
17. END POSTS			18. TOP CHORD	1
19. LOWER CHORD		2	20. LOWER LATERAL BRACING	1
21. TOP LATERAL BRACING			22. SWAY BRACING	1
23. PORTALS			24. BEARING DEVICES	1 ROLLERS 2
25. ARCH			26. ARCH COLUMNS or HANGERS	
27. SPANDREL WALLS			28. PROTECTIVE COATING SYSTEM	Paint Date 3/4/2004 5 PAINT SYSTEM OZE 7
29. PINS/HANGERS/HINGES		1	30. FATIGUE PRONE CONNECTIONS	
31. LIVE LOAD RESPONSE		S	32. SUMMARY	6
SUBSTRUCTURE			2 CANTILEVER	
33. ABUTMENTS	3 SOLID WALL	1	34. ABUTMENT SEATS	Abutment: NOT ON PILING 1
35. PIERS		1	36. PIER SEATS	4 OPEN COLUMN Piers: NOT ON PILING 1
37. BACKWALLS		1	38. WINGWALLS	1
39. FENDERS and DOLPHINS	Piers = 15 03 01 Spans = 20	4	40. SCOUR	1 1
41. SLOPE PROTECTION	N NONE-NATURAL PROTECTION(GRA)		42. SUMMARY	Dive Date 12/30/1899 7
CULVERTS				
43. GENERAL	N NONE/NOT APPLICABLE		44. ALIGNMENT	
45. SHAPE			46. SEAMS	
47. HEADWALLS or ENDWALLS	Culvert Length 0		48. SCOUR	Culvert Fill Depth 0
49.			50. SUMMARY	
CHANNEL				
51. ALIGNMENT		2	52. PROTECTION	4 PILING 2
53. WATERWAY ADEQUACY	8 SLIGHT CHANCE OVERTOPPING	1	54. SUMMARY	6
APPROACHES				
55. PAVEMENT	2 BITUMINOUS	1	56. APPROACH SLABS	1
57. GUARDRAIL	0 OTHER	1	58. RELIEF JOINTS	
59. EMBANKMENT		1	60. SUMMARY	Percent Legal = 150 8
GENERAL				
61. NAVIGATION LIGHTS		1	62. WARNING SIGNS	Maint Resp 1 OHIO TRAN DEPT
63. SIGN SUPPORTS	Signs on = N MVC on = 9999.9		64. UTILITIES	3
65. VERTICAL CLEARANCE	Under C = 0 Under NC = 0	N	66. GENERAL APPRAISAL & OPERATIONAL STATUS	6 A
67. INSPECTED BY			68. REVIEWED BY	

SIGNED

PE Number

ACP
INITIALS

SIGNED

60048 MJM
PE Number INITIALS

DATE 11/14/2007

1 1 1 1 1 N N N
SURVEY

DATE 1/24/2008

DECK

SEE 2007 ANNUAL INSPECTION REPORT AND UPDATED PLAN SHEETS.
FLOOR: SPALLS THAT HAVE BEEN SEALED. A FEW WET SPOTS. EAST
APPROACH SPAN HAS LARGE SPALLED AREAS WITH EXPOSED
REBAR. TRUSS SPANS 1-5% DET. EAST APPROACH 5-10% DET.
WS: <1% DET.

SUPERSTRUCTURE

LOWER CHORD: RUSTED SECTION LOSS TO PLATES AND RIVET HEADS.
A FEW RUSTED THRU HOLES. SECTION LOSS, PITTING IN GUSSET
PLATES.
VERTICALS: RUSTED SECTION LOSS. WELDED REPAIRS.
DIAGONAL: SECTION LOSS, RUSTING THROUGH HOLES.
BEARINGS: WATER COLLECTS IN BASES OF SOME PIER BEARINGS.
PAINT: <1% RUST. PAINTED OVER RUST SCALE. MINOR PEELING OF
TOP COAT. REACTIVATION OF PACK RUST. 1-5% DET.
PINS: RUSTED SECTION LOSS. PACK RUST BENT PLATES. ABRASIVE
SECTION LOSS OF LOWER CHORD SLIDING PIN CONNECTIONS.

SUBSTRUCTURE

PIERS: LARGE SEALED SPALLS WITH 360 DEGREE REBAR EXPOSURE
ON PIER TOWERS ABOVE BEARINGS.
FENDERS: COLLISION DAMAGE. ROTTED WOOD. RUST SECTION LOSS.
EAST FENDER IS LEANING INTO THE CHANNEL.
SCOUR: DIVED BY SPECIALTY DIVING ON 10/12/05, SEE DIVE
REPORT.

CHANNEL

ALIGNMENT: SHARP BEND JUST UPSTREAM OF BRIDGE.
PROTECTION: WEST BANK SHEET PILING IS WASHED OUT 200 YARDS
NORTH (DOWNSTREAM) OF BRIDGE.

GENERAL

GENERAL: CRACKS IN CONCRETE POLES OF LIGHTS MOUNTED OUTSIDE
THE BRIDGE RAILING. SEVERAL MISSING OR DAMAGED DECORATIVE
LIGHTS ON PIERS. MISSING PLATES THAT COVER ELECTRICAL BOXES
IN SIDEWALKS. ANCHOR BOLTS OF ONE LIGHT POLE ARE NOT
TIGHTENED DOWN ADEQUATELY AND ALLOWS EXCESSIVE MOVEMENT.

UTILITIES: MISSING SUPPORTS UNDER 40" GAS MAIN ON UTILITY
DECK.
SNOPPERED ON 06/01 AND 06/02.