

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		1	16. DIAGONALS	1
17. END POSTS			18. TOP CHORD	1
19. LOWER CHORD		1	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	7
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 3 COUNTY
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	7 A
67. INSPECTED BY			68. REVIEWED BY	

SIGNED

PE Number

MJS
INITIALS

SIGNED

60048 MJM
PE Number INITIALS

DATE 11/21/2006

1 1 1 1 1 N N N
SURVEY

DATE 2/9/2007

DECK

SEE 2005 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.
VERTICALS: RUSTED SECTION LOSS. WELDED REPAIRS.
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.
UTILITIES: MISSING SUPPORTS UNDER 40" GAS MAIN ON UTILITY
DECK.
SNOPPERED ON 06/01 AND 06/02.