

BRIDGE INSPECTION REPORT

1802771
Structure File Number

BRIDGE NUMBER CUY 00020 2295

YEAR BUILT 1900

DIST 12 Bridge Type 595 TYPE SERVICE 5 5 W BRANCH DUGWAY BROOK

DECK out/out 0 Deck Area 753 sqft			N NOT APPLICABLE (CULVERT UNDER FILL ETC)	
1. FLOOR	N NONE		2. WEARING SURFACE Thk 0	
Left N NONE / Right N NONE				
3. CURBS, SIDEWALKS AND WALKWAYS			4. MEDIAN Lanes on 4	
5. RAILING	N NONE		6. DRAINAGE N NONE	
7. EXPANSION JOINTS			8. SUMMARY	
SUPERSTRUCTURE			1 N/A (CULVERTS, TRUSSES, ETC.)	
9. ALIGNMENT	Max Spans 15		10. BEAMS/GIRDERS/SLAB	
11. DIAPHRAGMS or CROSSFRAMES			12. JOISTS/STRINGERS	
13. FLOOR BEAMS			14. FLOOR BEAM CONNECTIONS	
15. VERTICALS			16. DIAGONALS	
17. END POSTS			18. UPPER CHORD	
19. LOWER CHORD			20. GUSSET PLATES	
21. LATERAL BRACING			22. SWAY BRACING	
23. PORTALS			24. BEARING DEVICES N NONE	
25. ARCH			26. ARCH COLUMNS or HANGERS	
27. SPANDREL WALLS			28. PROTECTIVE COATING SYSTEM	
29. PINS/HANGERS/HINGES			30. FATIGUE PRONE DETAIL (E, E')	
31. LIVE LOAD RESPONSE (E OR S)			32. SUMMARY	
SUBSTRUCTURE			1 GRAVITY	
33. ABUTMENTS	1 GRAVITY		34. ABUTMENT SEATS Abutment: NOT ON PILING	
35. PIERS			36. PIER SEATS Piers: NOT ON PILING	
37. BACKWALLS			38. WINGWALLS	
39. FENDERS and DOLPHINS Piers = NN NN NN Spans = 1			40. SCOUR (INSP TYPE - 1,2,3)	
41. SLOPE PROTECTION N NONE-NATURAL PROTECTION(GRA			42. SUMMARY Dive Date 11/1/2010	
CULVERTS				
43. GENERAL	7 ARCH	2	44. ALIGNMENT 1	
45. SHAPE		1	46. SEAMS	
47. HEADWALLS or ENDWALLS Culvert Length 100		2	2	2
49. ABUTMENT			50. SUMMARY 6	
CHANNEL				
51. ALIGNMENT	8 SLIGHT CHANCE OVERTOPPING	1	52. PROTECTION 0 OTHER-GRASS, BUSHES & TREES 1	
53. HYDRAULIC OPENING		1	54. SUMMARY 7	
APPROACHES				
55. PAVEMENT	2 BITUMINOUS	1	56. APPROACH SLABS	
57. GUARDRAIL N NONE			58. RELIEF JOINTS	
59. EMBANKMENT			60. SUMMARY Percent Legal = 150 8	
GENERAL				
61. NAVIGATION LIGHTS			62. WARNING SIGNS Maint Resp 1 OHIO TRAN DEPT	
63. SIGN SUPPORTS Signs on = N MVC on = 9999.9 Under C = 0			64. UTILITIES	
65. VERTICAL CLEARANCE Under NC = 0		N	66. GENERAL APPRAISAL & OPERATIONAL STATUS 6 A	
67. INSPECTED BY		68. REVIEWED BY		

SIGNED _____
Name MICHAEL SUTAK

PE Number

SIGNED _____
Name ANDREW HAUPT

70223
PE Number

DATE 10/17/2012

N N N N N N N N
SURVEY

DATE 1/9/2013

CULVERTS

GENERAL: SPALLS. MORTAR CRACKS AND MORTAR MISSING IN SOME AREAS (PROBE AS DEEP AS 13" TO MISSING MORTAR VOIDS). MISSING STONE WHERE PIPES OR MANHOLES WERE CUT INTO ARCH.

HEADWALLS: MORTAR CRACKS AND MORTAR MISSING. THRU CRACKS IN CONCRETE BOX AT TRANSITION WITH STONE ARCH.

SCOUR: AT UPSTREAM INTERSECTION OF THE TWO CULVERT TYPES, THE REINFORCED CONCRETE BOX CULVERT HAS AN UNDERMINED AREA, UP TO 1.2' X 2.7' X THE WIDTH OF THE CULVERT.

GENERAL

DIVE INSPECTION BY KCI 11/1/10.

INSPECTED WITH DAN BREDA AND NEORS ON 10/17/12.

FIELD MEASUREMENTS FOR LOAD RATING TAKEN ON 11/15/12

WITH DAN BREDA AND KEN BANASZAK.