

## BRIDGE INSPECTION REPORT

1802771

BRIDGE NUMBER

CUY 00020 2295

YEAR BUILT

1900

Structure File Number

DIST 12

Bridge Type 595

TYPE SERVICE 5 5

W BRANCH DUGWAY BROOK

<b>DECK</b>	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	N NONE		8. SUMMARY	
<b>SUPERSTRUCTURE</b>			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	
<b>SUBSTRUCTURE</b>			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(GRASS,B	42. SUMMARY Dive Date 11/1/2010	
<b>CULVERTS</b>				
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		1	50. SUMMARY 6	
<b>CHANNEL</b>				
51. ALIGNMENT		1	52. PROTECTION 0 OTHER-GRASS, BUSHES & TREES 1	
53. HYDRAULIC OPENING		8 SLIGHT CHANCE OVERTOPPING APPR 1	54. SUMMARY 7	
<b>APPROACHES</b>				
55. PAVEMENT	2 BITUMINOUS	1	56. APPROACH SLABS	
57. GUARDRAIL		N NONE	58. RELIEF JOINTS	
59. EMBANKMENT			60. SUMMARY Percent Legal = 150 8	
<b>GENERAL</b>				
61. NAVIGATION LIGHTS			62. WARNING SIGNS Maint Resp 1 OHIO TRAN DEPT	
63. SIGN SUPPORTS		Signs on = N MVC on = 9999.9	64. UTILITIES	
65. VERTICAL CLEARANCE		Under C = 0 Under NC = 0 N	66. GENERAL APPRAISAL & OPERATIONAL STATUS 6 A	
67. INSPECTED BY			68. REVIEWED BY	

SIGNED

Name KENNETH BANASZAK

PE Number

SIGNED

Name YOUSSEF SEIF

59487

PE Number

DATE 9/25/2013

N N N N N N N N  
SURVEY

DATE 11/19/2013

## 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. SOME VOIDS BY INLET DRAINS (VOIDS AS DEEP AS 22" HERE).

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.

## APPROACHES

PAVEMENT: CRACKS.

NOTE: SMALL EROSION HOLE BEHIND SOUTH CURB NEAR CENTERLINE OF CULVERT.

## GENERAL

LAST DIVE INSPECTION 2010.  
INSPECTED WITH NEORS.