

## BRIDGE INSPECTION REPORT

2801388  
Structure File NumberBRIDGE NUMBER **GEA 00322 0863**YEAR BUILT **1961**DIST **12**Bridge Type **395**TYPE SERVICE **1 5****BEAVER CRK 1.77 MI. W 44**

<b>DECK</b> 1. FLOOR	out/out 0 Deck Area 1,076 sqft N NONE Left N NONE / Right N NONE		N NOT APPLICABLE (CULVERT UNDER FILL ETC) Thk 0	
3. CURBS, SIDEWALKS AND WALKWAYS			4. MEDIAN Lanes on 2	
5. RAILING	N NONE		6. DRAINAGE N NONE	
7. EXPANSION JOINTS	N NONE		8. SUMMARY	
<b>SUPERSTRUCTURE</b> 9. ALIGNMENT	Max Spans 6		3 N/A (CULVERTS, TRUSSES, ETC.) 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> 33. ABUTMENTS	N NONE		N NONE 34. ABUTMENT SEATS Abutment: NOT ON PILING	
35. PIERS			N NONE 36. PIER SEATS Piers: NOT ON PILING	
37. BACKWALLS			38. WINGWALLS	
39. FENDERS and DOLPHINS	Piers = NN NN NN Spans = 3		40. SCOUR (INSP TYPE - 1,2,3)	
41. SLOPE PROTECTION	N NONE-NATURAL PROTECTION(GRA)		42. SUMMARY Dive Date 12/30/1899	
<b>CULVERTS</b> 43. GENERAL	5 PIPE-ARCH	2	44. ALIGNMENT	2
45. SHAPE		2	46. SEAMS	2
47. HEADWALLS or ENDWALLS	Culvert Length 72	2	48. SCOUR (INSP TYPE - 1,2,3)	1 1
49. ABUTMENT			50. SUMMARY	5
<b>CHANNEL</b> 51. ALIGNMENT	8 SLIGHT CHANCE OVERTOPPING	2	52. PROTECTION 0 OTHER-GRASS, BUSHES & TREES	1
53. HYDRAULIC OPENING		2	54. SUMMARY	5
<b>APPROACHES</b> 55. PAVEMENT	2 BITUMINOUS	2	56. APPROACH SLABS	
57. GUARDRAIL	1 STEEL BEAM	1	58. RELIEF JOINTS	
59. EMBANKMENT		2	60. SUMMARY Percent Legal = 150	6
<b>GENERAL</b> 61. NAVIGATION LIGHTS			62. WARNING SIGNS Maint Resp 1 OHIO TRAN DEPT	4
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	5 A
67. INSPECTED BY			68. REVIEWED BY	

SIGNED

Name ANDREA PERSANYI

PE Number

SIGNED

Name YOUSSEF SEIF

59487

PE Number

DATE 11/14/2012

N N 1 N N N N  
SURVEY

DATE 1/30/2013

## CULVERTS

GENERAL: RUSTING SECTION LOSS TO AREAS OF THE INVERT AND OTHER AREAS BELOW WATER LINE.

SHAPE: WEST CELL APPROX 10' IN FROM INLET THERE IS A 8" DIAMETER BULGE AT 10 O'CLOCK. BULGE IS NOT UNDER TRAFFIC. EAST CELL APPROX 12' IN FROM INLET THERE IS A 4" DIAMETER BULGE AT 10 O'CLOCK.

SEAMS: WATER INFILTRATION. SOME RUSTING SECTION LOSS. A FEW AREAS OF CUSPING AS MUCH AS 1/8".

HEADWALLS: CRACKS AND SPALLS.

## CHANNEL

ALIGNMENT:LITTLE OR NO FLOW.

WATERWAY ADEQUACY: 1' CLEARANCE BETWEEN WATER AND TOP OF PIPE.

## APPROACHES

PAVEMENT: TRANSVERSE CRACKS AT LIMITS OF EACH PIPE. DIP IN PAVEMENT 10' WEST OF PIPES.

EMBANKMENT: MINOR EROSION AROUND INLET AND OUTLET. SLIGHT EROSION HOLE AT OUTLET BETWEEN WEST CELL AND MIDDLE CELL.

## GENERAL

LAST DIVE INSPECTION IN 2007. LOOK THROUGH INSPECTION WITH DB.