

## BRIDGE INSPECTION REPORT

2801744  
Structure File NumberBRIDGE NUMBER **GEA 00422 0986 R**YEAR BUILT **1960**DIST **12** Bridge Type **322** TYPE SERVICE **1 5** **LA DUE RES. 0.71 MI E 44**

<b>DECK</b>	out/out 41.3 Deck Area 9,085 sqft		2 INTEGRAL CONCRETE (MONOLITHIC)	
1. FLOOR	1 REINF CONCRT (PRESTRSD, PRECAST)	1	2. WEARING SURFACE	Thk 2 Wear Date 1/1/1994 1
3. CURBS, SIDEWALKS AND WALKWAYS	Left N NONE / Right N NONE		4. MEDIAN	Lanes on 2
5. RAILING	C 32" DEFLECTOR-TYPE PARAPET (NJ)	1	6. DRAINAGE	0 OTHER-NATURAL(OFF THE BRIDGE ENDS) 1
7. EXPANSION JOINTS	3 COMPRESSION SEAL	3	8. SUMMARY	7
<b>SUPERSTRUCTURE</b>			4 ROLLED STEEL	
9. ALIGNMENT	Max Spans 60	1	10. BEAMS/GIRDERS/SLAB	2
11. DIAPHRAGMS or CROSSFRAMES		2	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	2 ROCKERS 2
25. ARCH			26. ARCH COLUMNS or HANGERS	
27. SPANDREL WALLS			28. PROTECTIVE COATING SYSTEM	Paint Date 1/1/1987 5 PAINT SYSTEM OZE 7
29. PINS/HANGERS/HINGES			30. FATIGUE PRONE DETAIL (E, E')	1
31. LIVE LOAD RESPONSE (E OR S)		S	32. SUMMARY	6
<b>SUBSTRUCTURE</b>			6 STUB-CAPPED PILE (SINGLE ROW PILES)	
33. ABUTMENTS	6 STUB-CAPPED PILE (SINGLE ROW PILES)	2	34. ABUTMENT SEATS	Abutment: ON PILING 1
35. PIERS		1	36. PIER SEATS	5 CAPPED COLUMN Piers: ON PILING 1
37. BACKWALLS		1	38. WINGWALLS	1
39. FENDERS and DOLPHINS	Piers = 03 NN NN Spans = 4		40. SCOUR (INSP TYPE - 1,2,3)	2 1
41. SLOPE PROTECTION	3 RIP RAP (DUMPED ROCK)	1	42. SUMMARY	Dive Date 10/28/2009 6
<b>CULVERTS</b>				
43. GENERAL	N NONE/NOT APPLICABLE		44. ALIGNMENT	
45. SHAPE			46. SEAMS	
47. HEADWALLS or ENDWALLS	Culvert Length 0		48. SCOUR (INSP TYPE - 1,2,3)	
49. ABUTMENT			50. SUMMARY	
<b>CHANNEL</b>				
51. ALIGNMENT		1	52. PROTECTION	2 STONE 1
53. HYDRAULIC OPENING	6 (SEE CODING GUIDE)	1	54. SUMMARY	8
<b>APPROACHES</b>				
55. PAVEMENT	2 BITUMINOUS	1	56. APPROACH SLABS	2
57. GUARDRAIL	1 STEEL BEAM	1	58. RELIEF JOINTS	
59. EMBANKMENT		1	60. SUMMARY	Percent Legal = 150 6
<b>GENERAL</b>				
61. NAVIGATION LIGHTS			62. WARNING SIGNS	Maint Resp 1 OHIO TRAN DEPT 1
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

SIGNED

Name MICHAEL SUTAK

PE Number

68. REVIEWED BY

SIGNED

Name YOUSSEF SEIF

59487

PE Number

DATE 10/10/2012

1 1 1 1 N N N N  
SURVEY

DATE 12/27/2012

## DECK

FLOOR: A FEW TRANSVERSE CRACKS. AREAS OF MAP CRACKS.

FLOOR IS <1% DETERIORATED.

WS: CRACKS. WS IS <1% DETERIORATED.

RAILING: VERTICAL CRACKS. COLLISION SPALL AND

DELAMINATIONS ON LEFT RAIL. OTHER SHALLOW SPALLS.

DRAINAGE: DEBRIS WITH VEGETATION TO RIGHT BERM.

EXJTS: DECK SIDE OF REAR (WEST) JOINT IS 1/4" LOWER THEN

THE APPROACH SLAB SIDE. FORWARD BACKWALL ARMOR IS

GOUGED AND CRACKED WITH 6" OF MISSING ARMOR. EVIDENCE

OF LEAKING SEALS (DEBRIS ON BOTH ABUTMENT SEATS).

## SUPERSTRUCTURE

BEAMS: RUSTED SECTION LOSS NEAR ABUTMENTS. NO BEAM

FLEXING AT 2012 INSPECTION.

XFRAMES: ENDFRAME RUSTED SECTION LOSS. CRACKS AND RUSTING

THRU HOLES TO ENDFRAMES AT BOTH ABUTMENTS (BEAMS 1, 4 &

5 AT REAR AND BEAM 5 AT FORWARD).

BEARINGS: RUSTED SECTION LOSS.

PCS: FADED PAINT. 2% RUST. PCS IS 1-5% DETERIORATED.

FPD: WELDED MOMENT PLATES AT PIERS.

## SUBSTRUCTURE

ABUTMENTS: LEACHING CRACKS. A FEW DELAMINATIONS. SPALLS

WITH EXPOSED REBAR AT FORWARD LEFT. 2SF BY 3" DEEP

SPALL AT REAR.

ABUTMENT SEATS: MINOR SPALLS AT BOTH.

PIERS: RUSTING SECTION LOSS OF STEEL AND SCALING OF

CONCRETE AT WATERLINE.

BACKWALLS: MINOR CRACKS.

SCOUR: SEE DIVE REPORT DATED 10/28/09.

## CHANNEL

NOTE: WATER DEPTH AT 2012 INSPECTION RANGED FROM 10.5'

AT PIER #1 TO 12' AT PIER #3. TOP OF PIER CAPS TO

WATER LINE IS 8.25'.

## APPROACHES

PAVEMENT: CRACKS. ASPHALT PATCHES.

SLABS: CRACKS. MINOR SPALLS AT TOP OF BACKWALL. BOUNCE

ONTO BRIDGE FROM WEST.

GUARDRAIL: MINOR COLLISION DAMAGE TO REAR-LEFT.

## GENERAL

BOATED/INSPECTED BY MS & DB IN 2012.

DIVER INSPECTION IN 2009.