

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**

DECK	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
SUPERSTRUCTURE			4 ROLLED STEEL	
9. ALIGNMENT	Max Spans 60	1	10. BEAMS/GIRDERS/SLAB	1
11. DIAPHRAGMS or CROSSFRAMES		2	12. JOISTS/STRINGERS	
13. FLOOR BEAMS			14. FLOOR BEAM CONNECTIONS	
15. VERTICALS			16. DIAGONALS	
17. END POSTS			18. TOP CHORD	
19. LOWER CHORD			20. LOWER LATERAL BRACING	
21. TOP 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 CONNECTIONS	
31. LIVE LOAD RESPONSE		S	32. SUMMARY	7
SUBSTRUCTURE			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	2 1
41. SLOPE PROTECTION	3 RIP RAP (DUMPED ROCK)	1	42. SUMMARY	Dive Date 12/30/1899 6
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		1	52. PROTECTION	2 STONE 1
53. WATERWAY ADEQUACY	6 (SEE CODING GUIDE)	1	54. SUMMARY	8
APPROACHES				
55. PAVEMENT	2 BITUMINOUS	1	56. APPROACH SLABS	1
57. GUARDRAIL	1 STEEL BEAM	1	58. RELIEF JOINTS	
59. EMBANKMENT		1	60. SUMMARY	Percent Legal = 150 7
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

PE Number

ACP
INITIALS

SIGNED

60048 MJM
PE Number INITIALS

DATE 11/13/2008

1 1 1 1 1 N N N
SURVEY

DATE 3/10/2009

DECK

FLOOR: A FEW TRANSVERSE CRACKS. FLOOR <1% DETERIORATED.

WEARAING SURFACE: CRACKS. WS <1% DETERIORATED.

EXJTS: FINISH BACKWALL ARMOR IS GOUGED AND CRACKED. A 6" LENGTH OF THIS ARMOR IS MISSING. SEE WORK ORDERS 620 2007*5 AND 620 2007G 17. SEE ATTACHED PHOTOS #1 THRU #3 DATED 10/28/04.

RAILING: MINOR SPALL AND DELAMINATIONS ON LEFT RAIL.

SUPERSTRUCTURE

BEAMS: RUSTED SECTION LOSS NEAR ABUTMENTS.

CROSSFRAMES: ENDFRAME RUSTED SECTION LOSS. 1.25" CRACK IN WELD THAT JOINS DIAGONAL ANGLE OF FINISH ABUTMENT ENDFRAME #4 TO BEAM #4. CRACK IN HORIZONTAL ENDFRAME ANGLE IN START BAY 1.

BEARINGS: RUSTED SECTION LOSS. START ABUTMENT ROCKERS #2, #3, #4, AND #5 ARE LOOSE. FINISH ABUTMENT ROCKERS #3 & #4 ARE LOOSE.

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

LIVE LOAD RESPONSE: SOME VERTICAL MOVEMENT (UNDER TRUCK LOADING) OF BEAM ENDS ABOVE ALL LOOSE ROCKERS NOTED IN ITEM #24 (BEARINGS).

SUBSTRUCTURE

ABUTMENTS: A FEW DELAMINATIONS. A FEW SPALLS.

PIERS: RUSTING SECTION LOSS OF STEEL AND SCALING OF CONCRETE AT WATERLINE.

SCOUR: SEE ATTACHED DIVE REPORT DATED 10/28/04; NO SIGNIFICANT CHANGE.

APPROACHES

APPROACH SLABS: BOTH APPROACHES ARE 1/4" HIGHER THAN DECK AT EXJTS.

GUARDRAIL: MINOR COLLISION DAMAGE TO START-LEFT.

GENERAL

DIVER INSPECTED PIERS ON 10/28/04; SEE ATTACHED DIVE REPORT DATED 10/28/04.

INSPECTION FROM A BOAT WITH MIKE SUTAK ON 11/06/07.