

BRIDGE INSPECTION REPORT

2801744

BRIDGE NUMBER

GEA 00422 0986 R

YEAR BUILT

1960

Structure File Number

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
	Left N NONE / Right N NONE			
3. CURBS, SIDEWALKS AND WALKWAYS			4. MEDIAN	Lanes on 2
5. RAILING	C 32" DEFLECTOR-TYPE PARAPET (NJ SHAP)	2	6. DRAINAGE	0 OTHER-NATURAL(OFF THE BRIDGE ENDS) 1
7. EXPANSION JOINTS	3 COMPRESSION SEAL	3	8. SUMMARY	7
SUPERSTRUCTURE				
9. ALIGNMENT	Max Spans 60	1	10. BEAMS/GIRDERS/SLAB	4 ROLLED STEEL 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 1
25. ARCH			26. ARCH COLUMNS or HANGERS	
27. SPANDREL WALLS			28. PROTECTIVE COATING SYSTEM	Paint Date 1/1/1987 5 PAINT SYSTEM OZEU 7
29. PINS/HANGERS/HINGES			30. FATIGUE PRONE DETAIL (E, E')	1
31. LIVE LOAD RESPONSE (E OR S)		S	32. SUMMARY	6
SUBSTRUCTURE				
33. ABUTMENTS	6 STUB-CAPPED PILE (SINGLE ROW PILES)	2	34. ABUTMENT SEATS	6 STUB-CAPPED PILE (SINGLE ROW PILES) 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)	1 1
41. SLOPE PROTECTION	3 RIP RAP (DUMPED ROCK)	1	42. SUMMARY	Dive Date 10/28/2009 6
CULVERTS				
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	
CHANNEL				
51. ALIGNMENT		1	52. PROTECTION	2 STONE 1
53. HYDRAULIC OPENING	6 (SEE CODING GUIDE)	1	54. SUMMARY	8
APPROACHES				
55. PAVEMENT	2 BITUMINOUS	1	56. APPROACH SLABS	2
57. GUARDRAIL	1 STEEL BEAM	2	58. RELIEF JOINTS	
59. EMBANKMENT		1	60. SUMMARY	Percent Legal = 150 6
GENERAL				
61. NAVIGATION LIGHTS			62. WARNING SIGNS	Maint Resp 1 OHIO TRAN DEPT 1
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

PE Number

SIGNED

59487

PE Number

Name KENNETH BANASZAK

Name YOUSSEF SEIF

DATE 11/14/2013

1 1 1 1 N N N N

DATE 12/23/2013

SURVEY

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 3/4" LOWER THEN
THE APPROACH SLAB SIDE. FORWARD BACKWALL ARMOR IS
GOUGED AND CRACKED WITH 6" OF MISSING ARMOR. EVIDENCE OF
LEAKING SEALS, APPROX 32" OF SEAL POPPED AT FORWARD.
(DEBRIS ON BOTH ABUTMENT SEATS).

SUPERSTRUCTURE

BEAMS: RUSTED SECTION LOSS NEAR ABUTMENTS (MINOR TO OTHER
AREAS).
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. MINOR PACK RUST IS
STARTING IN AREAS OF COVER PLATES.

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: LAST DIVE INSPECTION IN 2009, DUE IN 2014.
SLOPE PORTECT: REAR-RIGHT ABUT CORNER HAS MINOR FOOTER
EXPOSURE.

CHANNEL

NOTE: WATER DEPTH BACK IN 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: FULL WITDH CRACKS AT FORWARD. MINOR SPALLS AT TOP OF
BACKWALL. BOUNCE ONTO BRIDGE FROM WEST.
GUARDRAIL: MINOR COLLISION DAMAGE TO REAR-LEFT.