

BRIDGE INSPECTION REPORT

2800152

BRIDGE NUMBER

GEA 00044 0135

YEAR BUILT

1960

Structure File Number

DIST 12

Bridge Type 112

TYPE SERVICE 5 5

LA DUE RES. 1.23 MIS 422

DECK	out/out 43.8 Deck Area 4,650 sqft		3 LATEX MODIFIED CONCRETE OVERLAY	
1. FLOOR	1 REINF CONCRT (PRESTRSD, PRECAST)	3	2. WEARING SURFACE	Thk 1.2 4
	Left N NONE / Right N NONE			
3. CURBS, SIDEWALKS AND WALKWAYS			4. MEDIAN	Lanes on 2
5. RAILING	7 STL GUARDRL ON STL, CONCR, OR TMBR	1	6. DRAINAGE	1 OVER THE SIDE (W/O DRIP STRIP) 1
7. EXPANSION JOINTS	3 COMPRESSION SEAL	2	8. SUMMARY	4
SUPERSTRUCTURE			3 OTHER (CONCRETE RIGID FRAME)	
9. ALIGNMENT	Max Spans 40	1	10. BEAMS/GIRDERS/SLAB	3
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	0 OTHER 1
25. ARCH			26. ARCH COLUMNS or HANGERS	
27. SPANDREL WALLS			28. PROTECTIVE COATING SYSTEM	Paint Date 1/10/1967 U UNKNOWN 6
29. PINS/HANGERS/HINGES			30. FATIGUE PRONE DETAIL (E, E')	
31. LIVE LOAD RESPONSE (E OR S)		S	32. SUMMARY	4
SUBSTRUCTURE			3 SOLID WALL	
33. ABUTMENTS	3 SOLID WALL	2	34. ABUTMENT SEATS	Abutment: ON PILING 2
35. PIERS		2	36. PIER SEATS	4 OPEN COLUMN Piers: ON PILING 1
37. BACKWALLS		2	38. WINGWALLS	2
39. FENDERS and DOLPHINS	Piers = 02 NN NN Spans = 3		40. SCOUR (INSP TYPE - 1,2,3)	2 3
41. SLOPE PROTECTION	0 ?? OTHER ??	4	42. SUMMARY	Dive Date 10/28/2009 4
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	5 RIP RAP (DUMPED ROCK OR ROCK) 3
53. HYDRAULIC OPENING	8 SLIGHT CHANCE OVERTOPPING APPR	1	54. SUMMARY	4
APPROACHES				
55. PAVEMENT	2 BITUMINOUS	2	56. APPROACH SLABS	1
57. GUARDRAIL	1 STEEL BEAM	2	58. RELIEF JOINTS	
59. EMBANKMENT		3	60. SUMMARY	Percent Legal = 150 4
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	4 A

67. INSPECTED BY

68. REVIEWED BY

SIGNED

PE Number

SIGNED

59487

PE Number

Name ANDREA PERSANYI

Name YOUSSEF SEIF

DATE 9/30/2013

1 1 1 1 N N N N
SURVEY

DATE 11/14/2013

DECK

FLOOR: SEE ITEM #10 (SLAB). FLOOR IS 25-30% DETERIORATED.
WEARING SURFACE: CRACKS, SOME AS WIDE AS 1/8". APPROXIMATELY
450 SF OF ASPHALT PATCHES. 15% DELAMINATED. 10 SF BREAKING
UP. WS IS 25-30% DETERIORATED.
RAILING: VERTICAL CRACKS, SOME LEACHING.
EXJTS: ASPHALT PATCHES, SOME BREAKING UP, AT BOTH EXJTS.

SUPERSTRUCTURE

SLAB: BOTH DECK EDGES ARE COMPLETELY SPALLED WITH 360 DEGREE
REBAR EXPOSURE. APPROXIMATE SPALLED AREAS UNDER TRAFFIC AS
FOLLOWS: SPAN #1= 200 SF, SPAN #2= 225 SF, SPAN #3= 185 SF.
ALL THREE SPANS HAVE LONG LENGTHS OF 360 DEGREE REBAR
EXPOSED UNDER TRAFFIC.

SUBSTRUCTURE

ABUTMENTS: SPALLS. REAR ABUTMENT, CAN PENETRATE
LONGITUDINALLY APPROXIMATELY 3' ALONG ENTIRE LENGTH, FWD
ABUTMENT, 2.5' ALONG WEST HALF.
PIERS: MINOR DELAMINATIONS AND SPALLS OF CAPS. RUSTING
SECTION LOSS OF STEEL PIER COLUMNS NEAR WATERLINE.
SCOUR: BOTTOM OF ENTIRE REAR (SOUTH) ABUTMENT FOOTING IS
EXPOSED WITH 1' OF PILES EXPOSED. SCOUR HAS PUNCHED THRU
UNDER REAR ABUTMENT TO APPROACH FILL.
BACKWALLS: SPALLS. SOME DETERIORATED AREAS.
WINGWALLS: CRACKS. SPALLS. DETERIORATING CONCRETE.
SLOPE PROTECTION: UNDERMINING OF BOTH ABUTMENTS EXPOSES SOME
PILES AT FORWARD ABUT AND ALL PILES AT REAR ABUTMENT TO AIR
& WATER WHEN LAKE IS HIGH.

CHANNEL

PROTECTION: ALMOST ALL OF THE STONE HAS WASHED AWAY FROM
BOTH ABUTMENTS. MAX WATER DEPTH AT PIER 1=3', PIER 2=6'-9".
REFERENCE POINT IS BOTTOM OF PIER 2 CAP TO WATER=6'6".

APPROACHES

PAVEMENT: CRACKS. ASPHALT PATCHES ALONG TOPS OF BOTH
BACKWALLS WITH SOME BREAKING UP AREAS.
EMBANKMENT: EROSION AT ALL FOUR CORNERS WHICH EXTENDS 20"
INTO THE BERM AND PARTIALLY EXPOSES SOME GUARDRAIL POSTS AT
THE REAR LEFT (SW). EROSION ALONG NORTHWEST CAUSEWAY
EMBANKMENT WITH SEVERAL WASHOUTS THAT EXTEND TO GUARDRAIL
POSTS.

GENERAL

LAST DIVE INSPECTION AND REPORT IN 2009. BOATED 9/19/13 WITH
MIKE GERSTENSLAGER.