

## BRIDGE INSPECTION REPORT

2801655

BRIDGE NUMBER

GEA 00422 0986 L

YEAR BUILT

1960

Structure File Number

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
	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)	1	6. DRAINAGE	0 OTHER-NATURAL(OFF THE BRIDGE ENDS) 1
7. EXPANSION JOINTS	3 COMPRESSION SEAL	3	8. SUMMARY	7
<b>SUPERSTRUCTURE</b>				
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 6
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>				
33. ABUTMENTS	6 STUB-CAPPED PILE (SINGLE ROW PILES)	1	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 7
<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		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. FLOOR <1% DETERIORATED.  
WS: CRACKS. WS <1% DETERIORATED.  
RAILING: 2SF SPALL OF INSIDE FACE OF RIGHT RAILING AT  
EMBEDDED WOOD 2X4 IN SPAN #3. LEACHING VERTICAL CRACKS.  
EXJTS: EVIDENCE OF WATER LEAKING DOWN FORWARD BACKWALL IN  
BAYS 2-5. THE EPOXY RESIN USED TO FILL THE VOID LEFT BY  
THE REMOVAL OF PART OF THE FORWARD BACKWALL EXJT  
ARMOR HAS CRACKED AND SOME OF THE RESIN HAS POPPED  
OUT. THE DECK SIDE IS 1 1/2" LOWER THAN THE SLAB SIDE  
AT THE FORWARD JOINT. GOUGES IN BOTH EXJT BACKWALL ARMOR.

## SUPERSTRUCTURE

BEAMS: RUSTED SECTION LOSS AT BOTH ABUTMENTS (MINOR TO OTHER  
AREAS)  
XFRAMES: ENDFRAME RUSTING SECTION LOSS. TWO CRACKED  
ENDFRAME WELDS AT FORWARD ABUTMENT, ONE AT BEAM #5 AND  
ONE AT BEAM #6. ENDFRAMES #3, #4 & #5 ARE BENT AT REAR.  
BEARINGS: RUSTED SECTION LOSS.  
PCS: PEELING & FADED PAINT. 5-10% RUST. PCS IS 5-10%  
DETERIORATED.  
FPD: WELDED MOMENT PLATES AT PIERS. AREAS OF PACK RUST OR  
RUST SECTION LOSS (WORST IS BEAM 6 AT PIER 1).

## SUBSTRUCTURE

ABUTMENTS: CRACKS. RUST STAINS. CONCRETE PATCHES. 5SF  
SPALL AT FORWARD-RIGHT.  
PIERS: CRACKS TO CAPS. SCALING. TWO MINOR SPALLS ON  
PIER #1. RUSTING SECTION LOSS OF STEEL TO ALL PIERS  
AT WATERLINE.  
BACKWALLS: CRACKS. RUST STAINS. TOP OF FORWARD BACKWALL  
IS BROKEN UP IN LANE #2 AT OLD REPAIR.  
SCOUR: LAST DIVE INSPECTION IN 2009, DUE IN 2014.

## CHANNEL

NOTE: WATER DEPTH AT THE 2012 INSPECTION RANGED FROM 11'  
AT PIER #1 TO 13.5' AT PIER #3. TOP OF PIER CAPS TO  
WATER LINE IS 8.25'.

## APPROACHES

PAVEMENT: CRACKS.  
APPROACH SLABS: CRACKS. HALF WIDTH CRACK IN REAR SLAB (#2  
LANE). MINOR SPALLS AT TOPS OF BACKWALLS. A FEW PATCHES.