

## BRIDGE INSPECTION REPORT

1812246

BRIDGE NUMBER

CUY 00322 1534

YEAR BUILT

1939

Structure File Number

DIST 12

Bridge Type 322

TYPE SERVICE 1 5

CHAGRIN RIV .25 MI W 174#

<b>DECK</b>	out/out 65.1 Deck Area 9,763 sqft		0 OTHER	
1. FLOOR	1 REINF CONCRT (PRESTRSD, PRECAST)	1	2. WEARING SURFACE	Thk 2 Wear Date 7/6/2009 1
3. CURBS, SIDEWALKS AND WALKWAYS	Left 2 SIDEWALK(>2') / Right 2 SIDEWALK(>2')	1	4. MEDIAN	Lanes on 4 1
5. RAILING	6 STEEL POST & STEEL PANEL (DECORATIV	1	6. DRAINAGE	0 OTHER-NATURAL(OFF THE BRIDGE ENDS) 1
7. EXPANSION JOINTS	N NONE		8. SUMMARY	8
<b>SUPERSTRUCTURE</b>			2 WELDED BUILT-UP STEEL	
9. ALIGNMENT	Max Spans 72	1	10. BEAMS/GIRDERS/SLAB	1
11. DIAPHRAGMS or CROSSFRAMES		1	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	3 SLIDING (BRONZE) 1
25. ARCH			26. ARCH COLUMNS or HANGERS	
27. SPANDREL WALLS			28. PROTECTIVE COATING SYSTEM	Paint Date 1/1/1939 1 RED LEAD 6
29. PINS/HANGERS/HINGES			30. FATIGUE PRONE DETAIL (E, E')	
31. LIVE LOAD RESPONSE (E OR S)		S	32. SUMMARY	7
<b>SUBSTRUCTURE</b>			1 GRAVITY	
33. ABUTMENTS	1 GRAVITY	1	34. ABUTMENT SEATS	Abutment: ON PILING 1
35. PIERS		1	36. PIER SEATS	1 GRAVITY Piers: ON PILING 1
37. BACKWALLS		1	38. WINGWALLS	1
39. FENDERS and DOLPHINS	Piers = 01 NN NN Spans = 2		40. SCOUR (INSP TYPE - 1,2,3)	1 1
41. SLOPE PROTECTION	N NONE-NATURAL PROTECTION(GRASS,B		42. SUMMARY	Dive Date 11/2/2010 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		2	52. PROTECTION	2 STONE 2
53. HYDRAULIC OPENING	6 (SEE CODING GUIDE)	1	54. SUMMARY	5
<b>APPROACHES</b>				
55. PAVEMENT	2 BITUMINOUS	1	56. APPROACH SLABS	1
57. GUARDRAIL	1 STEEL BEAM	1	58. RELIEF JOINTS	1
59. EMBANKMENT		1	60. SUMMARY	Percent Legal = 150 7
<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	1
65. VERTICAL CLEARANCE	Under C = 0 Under NC = 0	N	66. GENERAL APPRAISAL & OPERATIONAL STATUS	7 A

67. INSPECTED BY

68. REVIEWED BY

SIGNED

PE Number

SIGNED

59487

PE Number

Name ANDREA PERSANYI

Name YOUSSEF SEIF

DATE 10/21/2013

1 1 1 1 N N N N

DATE 11/22/2013

SURVEY

## DECK

FLOOR: TINY SPALLS AT JOINTS. <1% DETERIORATED.

WEARING SURFACE: <1% DETERIORATED.

MEDIAN: SEALER PEELING IN SPOTS.

## SUPERSTRUCTURE

BEAMS: SOME AREAS OF SECTION LOSS.

PCS: BEAM ENDS PAINTED. SOME RUSTING. PCS IS 5-10%  
DETERIORATED.

## SUBSTRUCTURE

ABUTMENTS: MINOR SANDSTONE DETERIORATION.

PIERS: CRACKS. SCALING.

WINGWALLS: MINOR CRACKS.

## CHANNEL

ALIGNMENT: RIVER FLOWS TOWARDS REAR ABUTMENT AND INTO EAST  
FACE OF PIER #1.

PROTECTION: UNEVEN SETTLEMENT OF STONE SLABS NEAR REAR  
ABUTMENT.

## APPROACHES

APPROACH SLAB: MINOR SCALING, TINY SPALLS AT JOINTS.

## GENERAL

LAST DIVE INSPECTION IN 2010. LAST SNOOPER INSPECTION IN  
2008.