

BRIDGE INSPECTION REPORT

1812246
Structure File Number

BRIDGE NUMBER CUY 00322 1534

YEAR BUILT 1939

DIST 12 Bridge Type 322 TYPE SERVICE 1 5 CHAGRIN RIV .25 MI W 174#

DECK out/out 65.1 Deck Area 9,763 sqft			0 OTHER	
1. FLOOR	1 REINF CONCRT (PRESTRSD, PRECAST) Left 2 SIDEWALK(>2') / Right 2 SIDEWALK(>2')	1	2. WEARING SURFACE	Thk 2 Wear Date 7/6/2009 1
3. CURBS, SIDEWALKS AND WALKWAYS		1	4. MEDIAN	Lanes on 4 1
5. RAILING	6 STEEL POST & STEEL PANEL (DECO)	1	6. DRAINAGE	0 OTHER-NATURAL(OFF THE BRIDGE ENDS) 1
7. EXPANSION JOINTS	N NONE		8. SUMMARY	8
SUPERSTRUCTURE			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 7
29. PINS/HANGERS/HINGES			30. FATIGUE PRONE DETAIL (E, E')	
31. LIVE LOAD RESPONSE (E OR S)		S	32. SUMMARY	7
SUBSTRUCTURE			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(GRA)		42. SUMMARY	Dive Date 11/2/2010 7
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	6 (SEE CODING GUIDE)	2	52. PROTECTION	2 STONE 2
53. HYDRAULIC OPENING		1	54. SUMMARY	5
APPROACHES				
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 8
GENERAL				
61. NAVIGATION LIGHTS			62. WARNING SIGNS	Maint Resp 1 OHIO TRAN DEPT 1
63. SIGN SUPPORTS	Signs on = N MVC on = 9999.9 Under C = 0		64. UTILITIES	1
65. VERTICAL CLEARANCE	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 11/1/2011

1 1 1 N N N N N
SURVEY

DATE 2/27/2012

DECK

SUPERSTRUCTURE

PCS: SOME AREAS HAVE NEW PAINT IN 2009. STILL SOME RUSTING.
PCS IS 1-5% DETERIORATED.

SUBSTRUCTURE

ABUTMENTS: MINOR SANDSTONE DETERIORATION.
PIERS: CRACKS. SCALING.
WINGWALLS: MINOR CRACKS.
SCOUR: LARGE DUMP ROCK VISIBLE FROM SIDES AND ABOVE.
UNDERWATER INSPECTION BY KCI ON 11/2/10.

CHANNEL

ALIGNMENT: RIVER FLOWS TOWARDS REAR ABUTMENT AND INTO
EAST FACE OF PIER #1.
PROTECTION: UNEVEN SETTLEMENT OF STONE SLABS NEAR REAR
ABUTMENT.

APPROACHES

GENERAL

UTILS: NEW CONNECTIONS AT ABUTS IN 2009.
LAST SNOOPER INSPECTION IN 2008.
LAST DIVE INSPECTION IN 2010.
DRYSUIT PIER ON 11/17/09.