

BRIDGE INSPECTION REPORT

4301358

BRIDGE NUMBER

LAK 0002 1428

YEAR BUILT

1963

Structure File Number

DIST 12

Bridge Type 322

TYPE SERVICE 1 1

CR 335 (NEWELL ST)

DECK	out/out 37.3 Deck Area 9,074 sqft		3 LATEX MODIFIED CONCRETE OVERLAY	
1. FLOOR	1 REINF CONCRT (PRESTRSD, PRECAST)	2	2. WEARING SURFACE	Thk 1.2 Wear Date 7/1/1983 3
3. CURBS, SIDEWALKS AND WALKWAYS	Left 1 SAFETY CURB(<=2) / Right 1 SAFETY CURB(<=2)	2	4. MEDIAN	Lanes on 2
5. RAILING	3 REINF CONCR SAFETY CURB&PRPT W.AL	1	6. DRAINAGE	3 SCUPPERS & DWNSPTS 1
7. EXPANSION JOINTS	2 SLIDING METAL PLATE ANGLE	2	8. SUMMARY	6
SUPERSTRUCTURE			4 ROLLED STEEL	
9. ALIGNMENT	Max Spans 70	2	10. BEAMS/GIRDERS/SLAB	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 0 OTHER 5
29. PINS/HANGERS/HINGES			30. FATIGUE PRONE DETAIL (E, E')	1
31. LIVE LOAD RESPONSE (E OR S)		S	32. SUMMARY	6
SUBSTRUCTURE			5 STUB GRAVITY	
33. ABUTMENTS	5 STUB GRAVITY	1	34. ABUTMENT SEATS	Abutment: NOT ON PILING 1
35. PIERS		2	36. PIER SEATS	5 CAPPED COLUMN Piers: NOT ON PILING 1
37. BACKWALLS		2	38. WINGWALLS	2
39. FENDERS and DOLPHINS	Piers = 03 NN NN Spans = 4		40. SCOUR (INSP TYPE - 1,2,3)	
41. SLOPE PROTECTION	1 CONCRETE (CAST-IN-PLACE)	1	42. SUMMARY	Dive Date 12/30/1899 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			52. PROTECTION	X N/A
53. HYDRAULIC OPENING	N NOT OVER WATERWAY		54. SUMMARY	
APPROACHES				
55. PAVEMENT	2 BITUMINOUS	2	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	2
65. VERTICAL CLEARANCE	Under C = 14.8 Under NC = 14.8	1	66. GENERAL APPRAISAL & OPERATIONAL STATUS	6 A

67. INSPECTED BY

68. REVIEWED BY

SIGNED

PE Number

SIGNED

59487

PE Number

Name ANDREA PERSANYI

Name YOUSSEF SEIF

DATE 5/31/2013

1 0 1 1 N N N N

DATE 8/14/2013

SURVEY

DECK

FLOOR: LEACHED TRANSVERSE CRACKS. EPOXY-INJECTED AREAS. 10-15% MOTTLED/SATURATED. APPROXIMATELY 20 SF OF SPALLS. TIMBER SUBDECKING OVER TRAFFIC. SUB DECKING HAS WATER STAINED AREAS. FLOOR IS 10-15% DETERIORATED.

NOTE: DECK MOVES INDEPENDENTLY FROM TOP FLANGES IN SPOTS WITH LIVE TRAFFIC ABOVE (MOVEMENT IS SLIGHT).

WEARING SURFACE: CRACKS (SOME AS WIDE AS 1/8").

APPROXIMATELY 200 SF OF ASPHALT PATCHES. CONCRETE PATCHES. 15 SF OF BREAKING UP AREAS. DELAM EPOXY-INJECTED AREAS. 10% DELAMINATED. WS IS 15-20% DETERIORATED.

CSW: CRACKS. CONCRETE PATCHES. MINOR SPALLS AND DELAMS.

RAILING: VERTICAL CRACKS.

DRAINAGE: PARTIALLY PLUGGED SCUPPERS.

EXJTS: BOTH JOINTS CLOSED AT SIDEWALKS, TEMP AT 2013 WAS 85 DEGREES F.

SUPERSTRUCTURE

ALIGNMENT: SEE BEAMS BELOW.

BEAMS: AREAS OF RUSTING SECTION LOSS. COLLISION DAMAGE TO RIGHT BEAM OVER SR-2 WB, LOWER FLANGE IS BENT TO THE WEST AS MUCH AS 3/4", GOUGES HERE AS DEEP AS 1/2".

XFRAMES: ENDFRAME RUSTING SECTION LOSS. MINOR COLLISION DAMAGE TO XFRAMES OVER SR-2 WB.

PCS: 5% RUST. PCS IS 10-15% DETERIORATED.

FPD: WELDED COVERPLATES AT PIERS.

SUBSTRUCTURE

ABUTMENTS: MINOR SPALLS AND DELAMS. CRACKS.

ABUT SEAT: MINOR SPALLS. CRACKS.

PIERS: COLUMN DELAMS AND SPALLS.

BACKWALLS: MINOR SPALLS. TOPS OF SOME BEAMS ARE <1/4" INTO FORWARD BACKWALL.

WINGWALLS: REAR-LEFT AND FORWARD LEFT WINGWALLS ARE SLIGHTLY TIPPED OUT.

APPROACHES

PAVEMENT: CRACKS. LARGE ASPHALT PATCHES.

APPROACH SLAB: REAR SLAB HAS A SMALL HOLE WITH A VOID NEAR TOP OF BACKWALL AT EAST CURB.

GUARDRAIL: MINOR DINGS AT REAR. MINOR POST AND SPACER ROT.

NOTE: REAR RIGHT APPROACH WALK THRU CRACK.

GENERAL

UTILS: CONDUIT SEPARATED AT SOME CONDUIT JOINTS IN BAY #4.