

STATE OF OHIO DEPARTMENT OF TRANSPORTATION  
BRIDGE INSPECTION REPORT

STRUCTURE FILE NUMBER: 2801744

GEA  
CO

00422  
Route

0986  
SLM

AUBURN TWP  
FIPS

DATE BUILT 07/01/1960 - 1994

District 12 STEEL/BEAMCONTINUOUS

Type of Service 1 15 LA DUE RES. 0.71 MI E 44

R  
SD GEA

**DECK**

1. Floor	1-REINF CONCRT (PRESTRSD, PRECAST)	Out/Out 41.3	1	2. Wearing Surface	2-INTEGRAL CONCRETE (MONOLITHIC)	THCK= 2.0	1
3. Curbs, Sidewalks & Walkways		N-NONE N-NONE	1	4. Median		W.S. Date = 01/01/1994 N-NO MEDIAN	
5. Railing	C-32" DEFLECTOR-TYPE PARAPET (NJ SHAPE)		1	6. Drainage	0-OTHER-NATURAL(OFF THE BRIDGE ENDS)		1
7. Expansion Joints	3-COMPRESSION SEAL		3	8. SUMMARY	Deck Area: 9,085		7

**SUPERSTRUCTURE**

9. Alignment of Members	MAX.SPAN.LENGTH = 60		1	10. Beams/Girders/Slab	1-ROLLED STEEL		2
11. Diaphragms or Cross Frames	TOT.LGTH = 220		2	12. Joist/Stringers			
13. Floorbeams				14. Floorbeam 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 N-NONE	2
25. Arch				26. Arch Columns or Hangers			
27. Spandrel Walls				28. Protective Coating System (PCS)	TYPE: 5PAINT SYSTEM OZEU DATE = 01/01/1987		7
29. Pins/Hangers/Hinges	ADT: 7,395 TRUCK: 980 YEAR: 2011			30. Fatigue Prone Detail (E & E')			
31. Live Load Response (E or S)			S	32. SUMMARY			6

**SUBSTRUCTURE**

33. Abutments	2-CONCRETE 2-CONCRETE		2	34. Abutment Seats	PIERS=3	# OF SPANS=4	1
35. Piers	TYPE = 2-CONCRETE		1	36. Pier Seats			1
37. Backwalls			1	38. Wingwalls	ABUTMENT:=STEEL H PILES (OTHER SIZE)/STEEL H PILES (OTHER SIZE)		1
39. Fenders and Dolphins				40. Scour (Insp Type - 1, 2, 3)	3-STABLE: EVAL SCOUR ABOVE TOP OF FOOTING	2	1
41. Slope Protection	3-RIP RAP (DUMPED ROCK)		1	42. SUMMARY	DIVE DT= 10/28/2009		6

**CULVERTS**

43. General				44. Alignment			
45. Shape				46. Seams			
47. Headwalls or Endwalls				48. Scour (Insp Type - 1, 2, 3)			
49. Abutments				50. SUMMARY			

**CHANNEL**

51. Alignment			1	52. Protection	2-STONE		1
53. Hydraulic Opening			1	54. SUMMARY			8

**APPROACHES**

55. Pavement	2-BITUMINOUS		1	56. Approach Slabs			2
57. Guardrail	1-STEEL BEAM		1	58. Relief Joint			
59. Embankment	BRDG.WIDTH=38.0		1	60. SUMMARY	PCT.LEGAL= 150		6

**GENERAL**

61. Navigation Lights				62. Warning Signs	ROUTINE.RESP: 1-OHIO TRAN DEPT MAINT.RESP: 1-OHIO TRAN DEPT		
63. Sign Supports	MVC ON=9999 UND=0000			64. Utilities			
65. Vertical Clearance (1, 2-change, N)			N	66. General Appraisal & Operational Status			6 A

**67. INSPECTED BY**

**68. REVIEWED BY**

Print First & Last Name  
Inspected Date: 11/7/2011

PE Number

KB  
Initial  
1 1 1 1 N N N N

Print First & Last Name

70.223  
PE Number

AH  
Initial

Reviewed Date: 2/28/2012

69. Survey (1, 0, N)

Deck	FLOOR: A FEW TRANSVERSE CRACKS. FLOOR <1% DETERIORATED.
Deck	WS: CRACKS. WS <1% DETERIORATED.
Deck	RAILING: MINOR SPALL AND DELAMINATIONS ON LEFT RAIL.
Deck	EXJTS: DECK SIDE OF REAR (WEST) JOINT IS 1/4" LOWER THEN
Deck	THE APPROACH SLAB SIDE. FORWARD BACKWALL ARMOR WHICH
Deck	IS SLIGHTLY HIGHER THAN THE DECK ARMOR IS GOUGED AND
Deck	CRACKED WITH 6" OF MISSING ARMOR.
Superstructure	BEAMS: RUST SECTION LOSS NEAR ABUTMENTS. NO BEAM FLEXING
Superstructure	AT 2011 INSPECTION.
Superstructure	XFRAMES: ENDFRAME RUST SECTION LOSS. CRACKS AND RUSTING
Superstructure	THRU HOLES TO ENDFRAMES AT BOTH ABUTMENTS.
Superstructure	BEARINGS: RUSTED SECTION LOSS. BEARINGS REHABBED IN 2011.
Superstructure	PCS: FADED PAINT. 2% RUST. PCS IS 1-5% DETERIORATED.
Substructure	ABUTMENTS: A FEW DELAMINATIONS. A FEW SPALLS.
Substructure	PIERS: RUSTING SECTION LOSS OF STEEL AND SCALING OF
Substructure	CONCRETE AT WATERLINE.
Substructure	SCOUR: SEE DIVE REPORT DATED 10/28/09.
Approaches	PAVEMENT: CRACKS.
Approaches	APPROACH SLABS: BOUNCE ONTO BRIDGE FROM WEST.
Approaches	GUARDRAIL: MINOR COLLISION DAMAGE TO REAR-LEFT.
General	BOATED BY KB & MG IN 2011.
General	DIVER INSPECTION IN 2009.