

**BUTLER COUNTY BRIDGE MANAGEMENT SYSTEM  
BRIDGE INSPECTION RECORD**

County Bridge Name:  
INDIAN CREEK ROAD - 1.360

Photo 1



ELEVATION LOOKING EAST.

Photo 2



ENDVIEW LOOKING NORTH.

Structure File Number: 0932485  
General Appraisal Operating Status: 4 A  
Sufficiency Rating: 73.9  
Inspection No: 2005

Inspected By: BRIAN D. DIETRICH  
Inspection Date: 04 / 13 / 05  
Township: REILY

**STRUCTURE INFO**

NO. OF SPANS: 1 O.A. LENGTH: 127 FT. DECK WIDTH: 24 FT.  
YEAR BUILT / REHAB: 1967  
STRUCTURE TYPE: CAMEL BACK WELDED STEEL PONY TRUSS AND ASPHALT/METAL DECK WITH STUB ABUTMENTS

**INSPECTION FINDINGS**

DECK COMMENT: S ABUT STEEL SLIDING PLATE FAILING & LIFTING UP PAVEMENT. ASPHALT LIFTING UP AT S ABUTMENT DUE TO EXP JOINT. TRANSVERSE CRACKS IN WEARING SURFACE.  
SUPERSTRUCTURE COMMENT: SECTION LOSS OF STRINGERS AT S ABUT. SURFACE CORROSION OF FLOOR SYSTEM & LOWER CHORD. LAMINATING CORROSION OF FLOORBEAM & STRINGER FLANGES.  
SUBSTRUCTURE COMMENT: SOUTH ABUTMENT TOE WALL FAILING. NORTH ABUTMENT TOE WALL HEAVILY SPALLED.  
CULVERT COMMENT:  
SCOUR COMMENT:  
CHANNEL COMMENT:  
APPROACH COMMENT: TRANSVERSE & MAP CRACKING IN WEARING SURFACE AT ABUTMENTS.

**RECOMMENDED MAINTENANCE**

COMPONENT	PRIORITY	DESCRIPTION
CONCRETE	S	REPAIR/REPLACE SOUTH AND NORTH ABUTMENT TOE WALLS.
STEEL	I	REPAIR / REPLACE SOUTH ABUTMENT SLIDING EXPANSION JOINT, STRINGERS, AND STRINGER TUBE BEARING. PAINT STEEL.
GUARDRAIL	M	REPLACE GUARDRAIL AND GRIND WELDS SMOOTH. BOLT GUARDRAIL TO TRUSS.
PAVEMENT	M	SEAL CRACKS IN WEARING SURFACE AT ABUTMENTS & DECK.
EMBANKMENT		
CHANNEL		
EROSION		

0932485

SRUCTURE FILE NUMBER

BRIDGE NUMBER    BUT    C0037    0136    REILY    YEAR BUILT    1967     
CO ROUTE UNIT VILLAGE/TOWN

DIST.    8    BRIDGE TYPE    Steel    Beam    Simple Span    TYPE SERVICE    115    INDIAN CREEK    BUTLER

<b>DECK</b> SURFACE CORROSION AT SEAMS & FASCIA OF METAL DECK.		2	2. WEARING SURFACE ASPHALT LIFTING UP AT S ABUTMENT DUE TO EXP JOINT. TRANSVERSE CRACKS IN WEARING SURFACE.		2
1. FLOOR			4. MEDIAN		
3. CURBS, SIDEWALKS, WALKWAY			6. DRAINAGE		2
5. RAILING SURFACE CORROSION OF GUARDRAIL. GUARDRAIL WELDED TO TRUSS.		2	8. SUMMARY S ABUT STEEL SLIDING PLATE FAILING & LIFTING UP PAVEMENT. ASPHALT LIFTING UP AT S ABUTMENT DUE TO EXP JOINT. TRANSVERSE CRACKS IN WEARING SURFACE.		4
7. EXPANSION JOINTS S ABUT STEEL SLIDING PLATE FAILING & LIFTING UP PAVEMENT.		4			
<b>SUPERSTRUCTURE</b>					
9. ALIGNMENT		1	10. BEAMS/GIRDERS/SLAB		
11. DIAPHRAGMS or CROSSFRAMES			12. JOISTS/STRINGERS SECTION LOSS OF STRINGERS AT S ABUTMENT. LAMINATING CORROSION OF STRINGER FLANGES AT DECK SEAMS & JOINTS.		3
13. FLOOR BEAMS LAMINATING CORROSION OF FLOORBEAM FLANGES.		2	14. FLOOR BEAM CONNECTIONS MINOR PACK RUST AT GUSSET PLATE CONNECTIONS.		2
15. VERTICALS		2	16. DIAGONALS		2
17. END POSTS		2	18. TOP CHORD		2
19. LOWER CHORD SURFACE CORROSION OF LOWER CHORD.		2	20. LOWER LATERAL BRACING		2
21. TOP LATERAL BRACING			22. SWAY BRACING		
23. PORTAL			24. BEARING DEVICES S ABUTMENT STRINGER TUBE BEARING APPEARS TO BE FAILING.		4
25. ARCH			26. ARCH COLUMNS or HANGERS		
27. SPANDREL WALLS			28. PCS HEAVY PAINT LOSS ON FLOORBEAMS.		0
29. PINS/HANGERS/HINGES			30. FATIGUE PRONE CONNECTIONS		2
31. LIVE LOAD RESPONSE STRINGERS ARE LIFTING AT SOUTH ABUTMENT.		E	32. SUMMARY SECTION LOSS OF STRINGERS AT S ABUT. SURFACE CORROSION OF FLOOR SYSTEM & LOWER CHORD. LAMINATING CORROSION OF FLOORBEAM & STRINGER FLANGES.		4
<b>SUBSTRUCTURE</b> SOUTH ABUTMENT TOE WALL FAILING. NORTH ABUTMENT TOE WALL HEAVILY SPALLED.		2	34. ABUTMENT SEATS		2
33. ABUTMENTS			36. PIER SEATS		
35. PIERS			38. WINGWALLS		2
37. BACKWALLS SPALL AT SOUTHWEST END OF SOUTH ABUTMENT.		2	40. SCOUR		1 2
39. FENDERS and DOLPHINS			42. SUMMARY SOUTH ABUTMENT TOE WALL FAILING. NORTH ABUTMENT TOE WALL HEAVILY SPALLED.		6
41. SLOPE PROTECTION					
<b>CULVERT</b>					
43. GENERAL			44. ALIGNMENT		
45. SHAPE			46. SEAMS		
47. HEADWALLS or ENDWALLS			48. SCOUR		
49.			50. SUMMARY		
<b>CHANNEL</b>					
51. ALIGNMENT		1	52. PROTECTION		
53. WATERWAY ADEQUACY		1	54. SUMMARY		7
<b>APPROACHES</b> TRANSVERSE & MAP CRACKING IN WEARING SURFACE AT ABUTMENTS.		2	56. APPROACH SLABS		
55. PAVEMENT		2	58. RELIEF JOINTS		
57. GUARDRAIL		2	60. SUMMARY TRANSVERSE & MAP CRACKING IN WEARING SURFACE AT ABUTMENTS.		7
59. EMBANKMENT		2			
<b>GENERAL</b>					
61. NAVIGATION LIGHTS			62. WARNING SIGNS		1
63. SIGN SUPPORTS			64. UTILITIES		
65. VERTICAL CLEARANCE		N	66. GENERAL APPRAISAL and OPERATIONAL STATUS		4 A

67. INSPECTED BY

BRIAN D. DIETRICH  
PE# 65481  
BURGESS & NIPLÉ, INC.

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 INITIALS

68. REVIEWED BY

PE#

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69 SURVEY

DATE 

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