Inspection Report with SI&A Data

16 Latitude: 37°10′51.00″

7 7 33.5

Structure Description: 40.03 Foot - 3 Span Concrete Culvert (includes frame culverts)

2 District: 10 **3 County:** Perry

7 Facility Carried KY-1166

6A Feature Intersected: LEFT FORK OF MACES CREEK

9 Location: .05 MI W OF JCT KY 1165

NBI CONDITION RATINGS

58 Deck:	N	61 Channel:
59 Superstructure:	Ν	62 Culvert:
60 Substructure:	Ν	Sufficiency Rating:

DESIGN

	DESI	GN		
Substandard:		Not Sub-Standard		
43A	Main Span Material:	(1) Concrete		
43B	Main Span Design:	(19) Culvert		
45	Number of Spans Main:	3		
44A	Approach Span Material:	Not Applicable (0)		
44B	Approach Span Design:	Not Applicable (00)		
46	Number of Approach Spans	: 0		
107	Deck Type:	N/A (NBI)		
108A	Wearing Surface:	(N) N/A no deck (NBI)		
108B	Membrane:	(N) N/A no deck (NBI)		
108C	Deck Protection:	(N) N/A no deck (NBI)		
Over	lay Y/N:	No		
Over	ау Туре:	None		
Over	lay Thickness:	-1.000 in		
Over	lay Date:			

APPRAISAL

36A	Bridge Railings:	(0) Substandard		
36B	Transitions	(0) Substandard		
36C	Approach Guardrail:	(0) Substandard		
36D	Approach Guardrail Ends:	(0) Substandard		
71	Waterway Adequacy:	(8) Equal Desirable		
72	Approach Alignment:	(3) Intolerable - Correct		
92A	Fracture Critical Inspection:	Not Coded		
92B	Under Water Inspection:	No		
113	Scour Critical:	(8) Stable above footing		
Reco	mmended Scour Critical:	(8) Stable Above Footing		

LOAD RATINGS

63	Operating Type:	(1) Load Factor (LF)
64	Operating Rating:	25.0 tons
65	Inventory Type:	(1) Load Factor (LF)
66	Inventory Rating:	15.0 tons
Truck	Capacity Type I:	tons
Truck	Capacity Type II:	tons
Truck	Capacity Type III:	tons
Truck	Capacity Type IV:	tons

Milepoint: 4.290

NBI	Х
Element	Х
Fracture Critical	
Underwater	
Special	

	GEOMETRIC DATA						
48	Max Length Span:	12.139 ft					
49	Structure Length:	40.026 ft					
32	Approach Roadway:	18.045 ft					
33	Median:	(0) No Median					
34	Skew:	0°					
35	Flare:	No Flare					
50A	Curb/Sidewalk Width L:	0.500 ft					
50B	Curb/Sidewalk Width R:	0.000 ft					
47	Horiz. Clearance:	19.357 ft					
51	Width Curb to Curb:	18.000 ft					
52	Width Out to Out:	20.670 ft					

	ADMINISTRATIVE					
27	Year Built:	1952				
106	Year Reconstructed:	0				
42A	Type of Service On:	(1) Highway				
42B	Type of Service Under:	(5) Waterway				
37	Historical Significance:	(5) Not Eligible				
21	Maintenance Responsibility	:(01) State Hwy Agency				
22	Owner:	(01) State Hwy Agency				
101	Parallel Structure:	(N) No II Structure Exists				

CLEARANCES10Vert. Clearance:99.999 ft53Min. Vert. Clearance Over:99.999 ft54AVert. Under Reference:(N) Feature not hwy or RR54BMin. Vert. Underclearance:0.000 ft55ALateral Under Reference:(N) Feature not hwy or RR55BMin. Lat. Underclearance R:0.000 ft56Min. Lat. Underclearance L:0.000 ft

POSTINGS						
41 Posting Status: (A) Open, No Restriction						
Signs Posted Cardinal:	No					
Signs Posted Non-Cardinal:	No					
Field Postings Gross:	-1 tons					
Field Postings Type I:	-1 tons					
Field Postings Type II:	-1 tons					
Field Postings Type III:	-1 tons					
Field Postings Type IV:	-1 tons					

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241: Re Conc Culvert									
Units	Total Qty	Qty. St. 1	% in 1	Qty. St. 2	% in 2	Qty. St. 3	% in 3	Qty. St. 4	% in 4
FT	63	55	87%	8	13%	0	0%	0	0%
abrasion right fork	eilings have small s wear along the sp of Maces creek w prevent further e	olash zone in barro vith the main fork a	els #1 and at the struc	Scour at the N ture. Footer is not	/W corner \	wingwall footer is f	from the co	nvergence of the	

1090: Exp	1090: Exposed Rebar								
Units	Total Qty	Qty. St. 1	% in 1	Qty. St. 2	% in 2	Qty. St. 3	% in 3	Qty. St. 4	% in 4
FT	6	0	0%	6	100%	0	0%	0	0%
_	I				I		1 1	1	

331: Re Conc Bridge Railing											
Units	Total Qty	Qty. St. 1	% in 1	Qty. St. 2	% in 2	Qty. St. 3	% in 3	Qty. St. 4	% in 4		
FT	82	82	100%	0	0%	0	0%	0	0%		
_											

90 Inspection Date - 12/10/2014 **Inspector -** SHERALD (148)

Inspection Report with SI&A Data

Jnits	Total Qty	Qty. St. 1	% in 1	Qty. St. 2	% in 2	Qty. St. 3	% in 3	Qty. St. 4	% in 4	
LF)	64	62	97%	2	3%	0	0%	0	0%	
wing	gwall has crack	S								

Units	Total Qty	Qty. St. 1	% in 1	Qty. St. 2	% in 2	Qty. St. 3	% in 3	Qty. St. 4	% in 4
(LF)	2	0	0%	2	100%	0	0%	0	0%

801: Culv Headwall											
Units	Total Qty	Qty. St. 1	% in 1	Qty. St. 2	% in 2	Qty. St. 3	% in 3	Qty. St. 4	% in 4		
(LF)	84	82	98%	2	2%	0	0%	0	0%		
Headwalls	s have some exp	osed steel.									

1090: Exposed Rebar										
Units	Total Qty	Qty. St. 1	% in 1	Qty. St. 2	% in 2	Qty. St. 3	% in 3	Qty. St. 4	% in 4	
(LF)	2	0	0%	2	100%	0	0%	0	0%	
_		L. L				I	11			

803: Curb										
Units	Total Qty	Qty. St. 1	% in 1	Qty. St. 2	% in 2	Qty. St. 3	% in 3	Qty. St. 4	% in 4	
(LF)	82	0	0%	82	100%	0	0%	0	0%	
Both curbs	s and parapet wa	lls have minor spa	alling. popo	outs from chemica	I contamina	tion (de-icing).	L			
	o and parapet wa		annig. pope			tion (de long).				

Inspection Report with SI&A Data

S	TRI	UCT	UR	ΕN	от	ES
-			UIN		•••	

INSPECTION NOTES

WORK

Action: -1 - Converted Work Candidates

Small drift in front of barrel 1 needs removed. Generated by sherald on 12/13/2012

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