

Summary:

Inspection Date: 10/20/2011
 Inspector: GCRUMP (26)
 Primary Type: Substandard (12 Months)

Types of Inspections Performed:

National Bridge Inventory: Y
 Element: Y
 Fracture Critical: N
 Underwater: N
 Other Special: N

Inspector Signature: _____

District Review Date: 10/24/2011

District Reviewer: HIBSON (11)

IDENTIFICATION

Bridge ID (8):	042C00252N MAP BRIDGE	District Number:	1
Route Carried (7):	CANTER PIT ROAD	County (3):	83 Graves
Mile Point:	0.67	Feature Intersected (6):	CALDWELL CREEK
Location (9):	.6 MI S OF JCT CR 5221	Road Name:	CANTER PIT RD
Structure Description:	64.96 Foot - 3 Span Wood or Timber Stringer/Multi-beam or Girder		

NBI CONDITION		SCHEDULE TAB				
Deck (58):	4	Schedule:	Required (Y/N)	Last Date	Frequency	Next Date
Superstructure (59):	4	NBI (90):		10/20/2011	(91): 12 mos	10/20/2012
Substructure (60):	4	Fracture Critical (92A):	N	(93A): 1/1/1901	(92A): mos	1/1/1901
Culverts (62):	N	Underwater (92B):	N	(93B): 1/1/1901	(92B): mos	1/1/1901
Channel/Protection (61):	5	Other Special (92C):	N	(93C): 1/1/1901	(92C): mos	1/1/1901
		Elemental:	NA		12 mos	10/20/2012

Load Rating and Posting						WATERWAY	
Truck Type	Typ I	Typ II	Typ III	Typ IV	Gross	Scour Critical (113):	8
Recomm. Posting:	5	5	5	5	5	Observed 113 Rating:	5
Field Posting:	-1	-1	-1	-1	5	Waterway Adeq. (71):	4
Posting Status (41):	P Posted for load						
Signs Posted:	Cardinal:	Y	Non-Cardinal:	Y			

DECK/WEARING SURFACE							
Deck Type (107):	8 Wood or Timber						
Wearing Surface/Protective System (108):	Type:	7	Membrane:	0	Protection:	0	
Traffic Safety Features (36):	Bridge Rail:	0	Transition:	0	Appr. Rail:	0	Rail Ends: 0
Overlay:	N						
Overlay Type:	None						
Overlay Thickness:	0.00						

Vertical Clearances	
Minimum Vertical Overclearance (53):	99.99
Minimum Vertical Underclearance (54):	0.00
Maximum Vertical Clearance (10):	99.99
Minimum Vertical Clearance:	99.99

Sufficiency Ratings			
SR:	21.40	SD/FO:	1 Structurally Deficient

Element Condition State Data									
Elm/Env	Description	Units	Total Qty.	Qty. CS1	Qty. CS2	Qty. CS3	Qty. CS4	Qty. CS5	
111/1	Timber Open Girder	LF	585.00	0.00	0.00	580.00	5.00	0.00	
206/1	Timber Column	EA	16.00	0.00	12.00	4.00	0.00	0.00	
235/1	Timber Cap	LF	68.00	0.00	17.00	51.00	0.00	0.00	

KYTC Bridge Inspection Report

Summary:

Inspection Date: 10/20/2011
 Inspector: GCRUMP (26)
 Primary Type: Substandard (12 Months)

Types of Inspections Performed:

National Bridge Inventory: Y
 Element: Y
 Fracture Critical: N
 Underwater: N
 Other Special: N

Element Condition State Data

Elm/Env	Description	Units	Total Qty.	Qty. CS1	Qty. CS2	Qty. CS3	Qty. CS4	Qty. CS5
31/1	Timber Deck	SF	1,046.00	0.00	0.00	1,046.00	0.00	0.00
361/1	Scour Smart Flag	EA	1.00	0.00	1.00	0.00	0.00	0.00
609/1	Debris on Superstruc	EA	1.00	0.00	1.00	0.00	0.00	0.00
610/1	Chan Drift	EA	1.00	0.00	1.00	0.00	0.00	0.00
611/1	Embankment Erosion	EA	1.00	1.00	0.00	0.00	0.00	0.00

Element Condition State Data

Str Unit	Elm/Env	Description	Description
1	111/1	Timber Open Girder	MOD TO HEAVY WEATHERSPLITTING & DECAY WITH SOME BLEACHING IN ALL TIMBER STRINGERS, VARIOUS ENDS ARE ROTTEN
1	206/1	Timber Column	MOD TO HEAVY DECAY WITH WEATHER SPLITTING WITH SOME STRENGTH LOSS IN VARIOUS PILES
1	235/1	Timber Cap	ROTTEN CAP AT END BENT 1 HAS BEEN REPLACED, MOD TO HEAVY WEATHERSPLITTING & DECAY IN OTHER CAPS. CAP AT BENT 3 BEGINNING TO GET WORSE
1	31/1	Timber Deck	MOD DECAY AND WEATHERSPLITTING IN TIMBER DECKING, VARIOUS BOARDS ARE LOOSE
1	361/1	Scour Smart Flag	MOD SCOUR AT BENT 2 CAUSED BY DRIFT
1	609/1	Debris on Superstruc	MOD TO HEAVY AMT OF DEBRIS ON CAPS BETWEEN BEAMS
1	610/1	Chan Drift	MOD AMT OF DRIFT NEEDS REMOVING
1	611/1	Embankment Erosion	MINOR AMT

BRIDGE.Notes

NOTE...RECOMMEND REPLACEMENT

NOTE...RECOMMEND PANEL SIGNS

Work Candidates

Inspector Candidates:

Candidate ID:	Status	Priority	Assigned	Action	Elem	Date Recommended
A-KYTC-0F3EF1CB-00000031	Under Review	High	Unassigned	40	610	11/2/2009
A-KYTC-10885FEF-00000011	Under Review	High	Unassigned	11	0	10/14/2008
A-KYTC-10885FEF-00000015	Under Review	High	Unassigned	60	0	10/14/2008



042-C252
LOOKING NORTH
10/20/2011



042-C252
DECK
10/20/2011



042-C252
LOOSE BOARDS
10/20/2011



042-C252
LOOKING SOUTH
10/20/2011



042-C252
UPSTREAM SIDE
10/20/2011



042-C252
END BENT 1
10/20/2011



042-C252
BENT 2
10/20/2011



042-C252
BENT 3
10/20/2011



042-C252
CAP @ BENT 3
10/20/2011



042-C252
END BENT 4
10/20/2011



042-C252
DECAYED BEAM END OVER BENT 3
10/20/2011



042-C252
DOWNSTREAM SIDE
10/20/2011



042-C252
SCOUR & DRIFT AT BENT 2
10/20/2011