



NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STRUCTURE MANAGEMENT UNIT

ATTENTION:

PMN ISSUED FOR SUPERSTRUCTURE, FIRE
DAMAGE BEAMS 1,2,3. AND BOTTOM OF TIMBER
DECK BAYS 1,2,3.

Structure Safety Report

Routine Element Inspection

COUNTY: WILKES STRUCTURE NUMBER: 960317 FREQUENCY: 24 MONTHS

FACILITY CARRIED: SR1745 MILE POST:

LOCATION: .4 M.I.E.JCT.SR1730

FEATURE INTERSECTED: W.PRONG ROARING RIVER

LATITUDE: 36° 18' 6.08" LONGITUDE: 81° 7' 37.04"

SUPERSTRUCTURE: TIMBER FLOOR ON I-BEAMS (LOW-WATER TYPE)

SUBSTRUCTURE: E.BTS:TIM.CAPS/TIM.POST&SILLS @ VAR.CTS.

SPANS: 1 @ 31'
1 @ 31"

☐ FRACTURE CRITICAL ☐ TEMPORARY SHORING ☐ SCOUR CRITICAL ☐ SCOUR PLAN OF ACTION

PRESENT CONDITION: Poor INSPECTION DATE: 01/21/2015

POSTED SV: 25 POSTED TTST: 37

OTHER SIGNS PRESENT: 4 DEL , 2 ONE LANE BRIDGE



Sign noticed issued for		Number Required
<u>NO</u>	WEIGHT LIMIT	<u>0</u>
<u>NO</u>	DELINEATORS	<u>0</u>
<u>NO</u>	NARROW BRIDGE	<u>0</u>
<u>NO</u>	ONE LANE BRIDGE	<u>0</u>
<u>NO</u>	LOW CLEARANCE	<u>0</u>

WEST TO EAST

INSPECTED BY MAX FORD	SIGNATURE 	ASSISTED BY BED
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BRIDGE INSPECTION RECORD AND SUMMARY FOR SHORED STRUCTURES OR STRUCTURES WITH TEMPORARY REPAIRS MADE TO KEEP A BRIDGE OPEN

BRIDGE: **960317**County **Wilkes**DATE: **5/22/2013**

THE FOLLOWING S. I. & A ITEMS ARE TO BE CODED TO REFLECT THE FACT
THAT THE STRUCTURE IS SHORED OR HAS HAD TEMPORARY REPAIRS MADE
TO KEEP THE BRIDGE OPEN :

	<u>CODE</u>	<u>BY</u>
S I & A ITEM 103 - TEMPORARY STRUCTURE DESIGNATION	T	TSE
S I & A ITEM 59 - SUPERSTRUCTURE	5	TSE <i>5/22/13</i>
S I & A ITEM 60 - SUBSTRUCTURE		
S I & A ITEM 64 OPERATING RATING	HS 1	BY:
S I & A ITEM 66 - INVENTORY RATING	HS 1	BY:

COMMENTS

Beams 5 & 8 have plates welded to the top of the bottom flange.

Temporary Repairs

RETAIN TEMP - TMS 06/20/15

See Next sheet Also

BRIDGE INSPECTION RECORD AND SUMMARY FOR SHORED STRUCTURES OR STRUCTURES WITH TEMPORARY REPAIRS MADE TO KEEP A BRIDGE OPEN

BRIDGE: 960317

COUNTY: Wilkes

DATE: 7/18/07

THE FOLLOWING S. I. & A ITEMS ARE TO BE CODED TO REFLECT THE FACT
THAT THE STRUCTURE IS SHORED OR HAS HAD TEMPORARY REPAIRS MADE
TO KEEP THE BRIDGE OPEN :

VOID

S I & A ITEM 103 - TEMPORARY STRUCTURE DESIGNATION

CODEBY

T

DPA

S I & A ITEM 59 - SUPERSTRUCTURE

S I & A ITEM 60 - SUBSTRUCTURE

4

DPA

S I & A ITEM 64 OPERATING RATING

HS

~~0.0~~

BY:

AR

S I & A ITEM 66 - INVENTORY RATING

HS

~~0.0~~

BY:

AR

COMMENTS

posts @ abut #1 supplemented.

Not Temp - TMS 06/20/15

Span Element Report

Structure Number: 960317

Inspection Date: 01/21/2015

Span Number 1

Span Length 31 Feet

Number of Beams/Girders: 9

Element Number	Parent Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code
31		Timber Deck	620	440	0	180	0	180	3324
107		Steel Open Girder/Beam	270	111	29	127	3	159	3314
515	107	Steel Protective Coating	1368	0	0	760	608	1368	3342
216		Timber Abutment	60	60	0	0	0	0	3346
228		Timber Pile	15	10	0	5	0	5	3344
235		Timber Pier Cap	43	43	0	0	0	0	3344
313		Fixed Bearing	18	0	0	18	0	18	3334
515	313	Steel Protective Coating	18	0	0	0	18	18	3342
510		Wearing Surface	620	0	0	620	0	620	2816

"Near" Approach and Substructure quantities have been include for reporting purposes. The last span will also include End Bent 2 and Far Approach quantities where applicable

Superstructure Detailed Element Quantities

Structure Number: 960317

Inspection Date: 01/21/2015

Structure Number: 960317

Inspection Date: 01/21/2015

Span Number 1

Element Location	Location Number	Element Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code	Priority Maintenance
☒ Deck	1	31	Timber Deck	620	440	0	180	0	180	3324	☐ Requested
☒ Wearing Surfaces		510	Wearing Surface	620	0	0	620	0	620	2816	☐ Requested
☒ Beam	1	107	Steel Open Girder/Beam	30	0	0	27	3	30	3314	☒ Requested
Protective System		515	Steel Protective Coating	152	0	0	0	152	152	3342	
☒ Beam	2	107	Steel Open Girder/Beam	30	0	0	30	0	30	3314	☐ Requested
Protective System		515	Steel Protective Coating	152	0	0	0	152	152	3342	
☒ Beam	3	107	Steel Open Girder/Beam	30	27	0	3	0	3	3314	☐ Requested
Protective System		515	Steel Protective Coating	152	0	0	0	152	152	3342	
☒ Beam	4	107	Steel Open Girder/Beam	30	0	0	30	0	30	3314	☐ Requested
Protective System		515	Steel Protective Coating	152	0	0	0	152	152	3342	
☒ Beam	5	107	Steel Open Girder/Beam	30	0	29	1	0	30	3314	☐ Requested
Protective System		515	Steel Protective Coating	152	0	0	152	0	152	3342	
☒ Beam	6	107	Steel Open Girder/Beam	30	0	0	30	0	30	3314	☐ Requested
Protective System		515	Steel Protective Coating	152	0	0	152	0	152	3342	
☒ Beam	7	107	Steel Open Girder/Beam	30	27	0	3	0	3	3314	☐ Requested
Protective System		515	Steel Protective Coating	152	0	0	152	0	152	3342	
☒ Beam	8	107	Steel Open Girder/Beam	30	27	0	3	0	3	3314	☐ Requested
Protective System		515	Steel Protective Coating	152	0	0	152	0	152	3342	
☒ Beam	9	107	Steel Open Girder/Beam	30	30	0	0	0	0	3314	☐ Requested
Protective System		515	Steel Protective Coating	152	0	0	152	0	152	3342	
☒ Bearing Device	1	313	Fixed Bearing	1	0	0	1	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	0	1	1	3342	
☒ Bearing Device	1	313	Fixed Bearing	1	0	0	1	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	0	1	1	3342	
☒ Bearing Device	2	313	Fixed Bearing	1	0	0	1	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	0	1	1	3342	
☒ Bearing Device	2	313	Fixed Bearing	1	0	0	1	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	0	1	1	3342	
☒ Bearing Device	3	313	Fixed Bearing	1	0	0	1	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	0	1	1	3342	
☒ Bearing Device	3	313	Fixed Bearing	1	0	0	1	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	0	1	1	3342	

Structure Number: 960317

Inspection Date: 01/21/2015

Span Number 1

Element Location	Location Number	Element Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code	Priority Maintenance
☒ Bearing Device	4	313	Fixed Bearing	1	0	0	1	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	0	1	1	3342	
☒ Bearing Device	4	313	Fixed Bearing	1	0	0	1	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	0	1	1	3342	
☒ Bearing Device	5	313	Fixed Bearing	1	0	0	1	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	0	1	1	3342	
☒ Bearing Device	5	313	Fixed Bearing	1	0	0	1	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	0	1	1	3342	
☒ Bearing Device	6	313	Fixed Bearing	1	0	0	1	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	0	1	1	3342	
☒ Bearing Device	6	313	Fixed Bearing	1	0	0	1	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	0	1	1	3342	
☒ Bearing Device	7	313	Fixed Bearing	1	0	0	1	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	0	1	1	3342	
☒ Bearing Device	7	313	Fixed Bearing	1	0	0	1	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	0	1	1	3342	
☒ Bearing Device	8	313	Fixed Bearing	1	0	0	1	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	0	1	1	3342	
☒ Bearing Device	8	313	Fixed Bearing	1	0	0	1	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	0	1	1	3342	
☒ Bearing Device	9	313	Fixed Bearing	1	0	0	1	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	0	1	1	3342	
☒ Bearing Device	9	313	Fixed Bearing	1	0	0	1	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	0	1	1	3342	

Superstructure Element Defect Descriptions

Structure Number: 960317

Inspection Date: 01/21/2015

Span Number 1

Span	1	Deck	1	Component Name:		Timber Deck							
Element: 31	Name	Timber Deck		Qty:	620	Lvl 2:	0	Lvl 3	180	Lvl 4	0	Maint. Qty	180
Defect Description:													

180 Square Feet of Decay/Section Loss: Affects 10% or more of the member but does not warrant structural review. FIRE DAMAGE BAY 1 AND 2 FULL LENGTH AND 15' OF BAY 3, 1/16" INCH SECTION LOSS TO BOTTOM OF DECK

Span	1	Wearing Surfaces		Component Name:		Asphalt Wearing Surface							
Element: 510	Name Wearing Surface			Qty:	620	Lvl 2:	0	Lvl 3	620	Lvl 4	0	Maint. Qty	620
Defect Description:													

15 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces): Spall 1 in. deep or greater or 6 in. diameter or greater. Patched area that is unsound or showing distress. Full depth pothole. POTHOLE ON DECK 7' X 2' DECK BOARDS EXPOSED AT ABUTMENT B

605 Square Feet of Crack (Wearing Surface): Width of more than 0.05 in. or spacing of less than 1.0 ft. CRACKING AT EACH DECK BOARD JOINT

Span	1	Beam	1	Component Name:		Plate Girder						
Element: 107	Name	Steel Open Girder/Beam	Qty:	30	Lvl 2:	0	Lvl 3	27	Lvl 4	3	Maint. Qty	30
Defect Description:												

152 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. BEAM 1 FULL LENGTH RUST AND SCALE WEB AND TOP AND BOTTOM FLANGE

27 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. FROM ABUTMENT A EXTENDS 27' TOP AND BOTTOM FLANGE 1/4" REMAINING SECTION, BEAMS 2 AND 3 SIMILAR

3 Feet of Corrosion: The condition warrants a structural review to determine the effect on strength or serviceability of the element or bridge; OR a structural review has been completed and the defects impact strength or serviceability of the element or bridge. BOTTOM RIGHT FLANGE FROM ABUTMENT B EXTENDING 3' KNIFE EDGE SECTION REMAINING

Span	1	Beam	2	Component Name:		Plate Girder						
Element: 107	Name	Steel Open Girder/Beam	Qty:	30	Lvl 2:	0	Lvl 3	30	Lvl 4	0	Maint. Qty	30
Defect Description:												

29 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. 1/4" REMAINING SECTION TOP AND BOTTOM FLANGE FROM ABUTMENT A EXTENDING 29'

1 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. 1/8" REMAINING SECTION RT BOTTOM FLANGE EXTENDS 1' FROM ABUTMENT B

152 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. FULL LENGTH

Span	1	Beam	3	Component Name:				Plate Girder				
Element: 107	Name	Steel Open Girder/Beam	Qty:	30	Lvl 2:	0	Lvl 3	3	Lvl 4	0	Maint. Qty	3
Defect Description:												

3 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. 1/4" REMAINING SECTION BOTTOM FLANGE, EXTENDS 3' FROM ABUTMENT B

152 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span	1	Beam	4	Component Name:		Plate Girder						
Element: 107	Name	Steel Open Girder/Beam	Qty:	30	Lvl 2:	0	Lvl 3	30	Lvl 4	0	Maint. Qty	30
Defect Description:												

30 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. 1/8" REMAINING SECTION RT BOTTOM FLANGE, EXTENDS 3.5' FROM ABUTMENT B, THE REMAINDER OF THE BEAM HAS 3/8" REMAINING SECTION.

Inspection Date: 01/21/2015

Span 1	Beam	5	Component Name:		Plate Girder							
Element: 107	Name	Steel Open Girder/Beam	Qty:	30	Lvl 2:	29	Lvl 3	1	Lvl 4	0	Maint. Qty	30
Defect Description:												

152 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Span 1	Beam	6	Component Name:		Plate Girder							
Element: 107	Name	Steel Open Girder/Beam	Qty:	30	Lvl 2:	0	Lvl 3	30	Lvl 4	0	Maint. Qty	30
Defect Description:												

152 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Span 1	Beam	7	Component Name:		Plate Girder							
Element: 107	Name	Steel Open Girder/Beam	Qty:	30	Lvl 2:	0	Lvl 3	3	Lvl 4	0	Maint. Qty	3
Defect Description:												

152 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Span 1	Beam	8	Component Name:		Plate Girder							
Element: 107	Name	Steel Open Girder/Beam	Qty:	30	Lvl 2:	0	Lvl 3	3	Lvl 4	0	Maint. Qty	3
Defect Description:												

1 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. 3/8" REMAINING SECTION, EXTENDS 1' FROM ABUTMENT B

152 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Span 1	Beam	9	Component Name:		Plate Girder							
Element: 107	Name	Steel Open Girder/Beam	Qty:	30	Lvl 2:	0	Lvl 3	0	Lvl 4	0	Maint. Qty	0
Defect Description:												

152 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Span 1	Bearing Device 1	Component Name:		Fixed Bearing							
Element: 313	Name Fixed Bearing	Qty:	1	Lvl 2:	0	Lvl 3:	1	Lvl 4:	0	Maint. Qty:	1
Defect Description:											

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 1	Bearing Device 1	Component Name:		Fixed Bearing							
Element: 313	Name Fixed Bearing	Qty:	1	Lvl 2:	0	Lvl 3:	1	Lvl 4:	0	Maint. Qty	1
Defect Description:											

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. 3/8" REMAINING SECTION

Span	1	Bearing Device	2	Component Name:	Fixed Bearing								
Element:	313	Name	Fixed Bearing	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0	Maint. Qty	1
Defect Description:													

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. 3/8" SECTION REMAINING

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span	1	Bearing Device	2	Component Name:	Fixed Bearing								
Element:	313	Name	Fixed Bearing	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0	Maint. Qty	1
Defect Description:													

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. 3/8" REMAINING SECTION

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span	1	Bearing Device	3	Component Name:	Fixed Bearing								
Element:	313	Name	Fixed Bearing	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0	Maint. Qty	1
Defect Description:													

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. 3/8" REMAINING SECTION

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span	1	Bearing Device	3	Component Name:	Fixed Bearing								
Element:	313	Name	Fixed Bearing	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0	Maint. Qty	1
Defect Description:													

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. 3/8" REMAINING SECTION

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span	1	Bearing Device	4	Component Name:	Fixed Bearing								
Element:	313	Name	Fixed Bearing	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0	Maint. Qty	1
Defect Description:													

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. 3/8" REMAINING SECTION

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 1	Bearing Device	4	Component Name:		Fixed Bearing							
Element: 313	Name	Fixed Bearing	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0	Maint. Qty	1
Defect Description:												

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. 3/8" REMAINING SECTION

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 1	Bearing Device	5	Component Name:		Fixed Bearing							
Element: 313	Name	Fixed Bearing	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0	Maint. Qty	1
Defect Description:												

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. 3/8" REMAINING SECTION

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span	1	Bearing Device	5	Component Name:		Fixed Bearing							
Element:	313	Name	Fixed Bearing	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0	Maint. Qty	1
Defect Description:													

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. 3/8" REMAINING SECTION

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span	1	Bearing Device	6	Component Name:	Fixed Bearing								
Element:	313	Name	Fixed Bearing	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0	Maint. Qty	1
Defect Description:													

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. 3/8" REMAINING SECTION

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span	1	Bearing Device	6	Component Name:	Fixed Bearing								
Element:	313	Name	Fixed Bearing	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0	Maint. Qty	1
Defect Description:													

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. 3/8" REMAINING SECTION

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span	1	Bearing Device	7	Component Name:		Fixed Bearing							
Element:	313	Name	Fixed Bearing	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0	Maint. Qty	1
Defect Description:													

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. 3/8" REMAINING SECTION

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span	1	Bearing Device	7	Component Name:	Fixed Bearing								
Element:	313	Name	Fixed Bearing	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0	Maint. Qty	1
Defect Description:													

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. 3/8" REMAINING SECTION

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 1	Bearing Device	8	Component Name:		Fixed Bearing							
Element: 313	Name	Fixed Bearing	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0	Maint. Qty	1
Defect Description:												

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. 3/8" REMAINING SECTION

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span	1	Bearing Device	8	Component Name:	Fixed Bearing								
Element:	313	Name	Fixed Bearing	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0	Maint. Qty	1
Defect Description:													

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. 3/8" REMAINING SECTION

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Structure Number: 960317

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Span 1	Bearing Device 9	Component Name:	Fixed Bearing						
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Element: 313	Name Fixed Bearing	Qty:	1	Lvl 2:	0	Lvl 3:	1	Lvl 4:	0	Maint. Qty	1
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Defect Description:

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. 3/8" REMAINING SECTION

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 1	Bearing Device 9	Component Name:	Fixed Bearing						
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Element: 313	Name Fixed Bearing	Qty:	1	Lvl 2:	0	Lvl 3:	1	Lvl 4:	0	Maint. Qty	1
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Defect Description:

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. 3/8" REMAINING SECTION

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Substructure Detailed Element Quantities

Structure Number: 960317

Inspection Date: 01/21/2015

End Bent 1

Element Location	Location Number	Element Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code	Priority Maintenance
☒ Abutments	1	216	Timber Abutment	30	30	0	0	0	0	3346	☐ Requested
☒ Caps	1	235	Timber Pier Cap	22	22	0	0	0	0	3344	☐ Requested
☒ Piles and Columns	1	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☒ Piles and Columns	2	228	Timber Pile	1	0	0	1	0	1	3344	☐ Requested
☒ Piles and Columns	3	228	Timber Pile	1	0	0	1	0	1	3344	☐ Requested
☒ Piles and Columns	4	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☒ Piles and Columns	5	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☒ Piles and Columns	6	228	Timber Pile	1	0	0	1	0	1	3344	☐ Requested
☒ Piles and Columns	7	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☒ Piles and Columns	8	228	Timber Pile	1	0	0	1	0	1	3344	☐ Requested
☒ Piles and Columns	9	228	Timber Pile	1	0	0	1	0	1	3344	☐ Requested
☒ Piles and Columns	10	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested

End Bent 2

Element Location	Location Number	Element Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code	Priority Maintenance
☒ Abutments	1	216	Timber Abutment	30	30	0	0	0	0	3346	☐ Requested
☒ Caps	1	235	Timber Pier Cap	21	21	0	0	0	0	3344	☐ Requested
☒ Piles and Columns	1	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☒ Piles and Columns	2	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☒ Piles and Columns	3	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☒ Piles and Columns	4	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☒ Piles and Columns	5	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested

Substructure Element Defect Descriptions

Structure Number: 960317

Inspection Date: 01/21/2015

End Bent 1

End Bent 1	Row 1	Piles and Columns	2
------------	-------	-------------------	---

Element: 228 Name Timber Pile Qty: 1 Lvl 2: 0 Lvl 3: 1 Lvl 4: 0 Maint. Qty: 1
Defect Description:

1 Each of Decay/Section Loss: Affects 10% or more of the member but does not warrant structural review. THIS PILE IS DECAYED AND HAS BEEN SUPPLEMENTED

End Bent 1	Row 1	Piles and Columns	3
------------	-------	-------------------	---

Element: 228 Name Timber Pile Qty: 1 Lvl 2: 0 Lvl 3: 1 Lvl 4: 0 Maint. Qty: 1
Defect Description:

1 Each of Decay/Section Loss: Affects 10% or more of the member but does not warrant structural review. THIS PILE IS DECAYED AND HAS BEEN SUPPLEMENTED

End Bent 1	Row 1	Piles and Columns	6
------------	-------	-------------------	---

Element: 228 Name Timber Pile Qty: 1 Lvl 2: 0 Lvl 3: 1 Lvl 4: 0 Maint. Qty: 1
Defect Description:

1 Each of Decay/Section Loss: Affects 10% or more of the member but does not warrant structural review. THIS PILE IS DECAYED AND HAS BEEN SUPPLEMENTED

End Bent 1	Row 1	Piles and Columns	8
------------	-------	-------------------	---

Element: 228 Name Timber Pile Qty: 1 Lvl 2: 0 Lvl 3: 1 Lvl 4: 0 Maint. Qty: 1
Defect Description:

1 Each of Decay/Section Loss: Affects 10% or more of the member but does not warrant structural review. THIS PILE IS DECAYED AND HAS BEEN SUPPLEMENTED

End Bent 1	Row 1	Piles and Columns	9
------------	-------	-------------------	---

Element: 228 Name Timber Pile Qty: 1 Lvl 2: 0 Lvl 3: 1 Lvl 4: 0 Maint. Qty: 1
Defect Description:

1 Each of Decay/Section Loss: Affects 10% or more of the member but does not warrant structural review. THIS PILE IS DECAYED AND HAS BEEN SUPPLEMENTED

National Bridge and NC Inspection Items

Structure Number: 960317

Inspection Date: 01/21/2015

National Bridge Inventory Items

Item	Grade Scale	Grade
Item 58: Deck	0 - 9 , N	3
Item 59: Superstructure	0 - 9 , N	3
Item 60: Substructure	0 - 9 , N	5
Item 61: Channel and Channel Protection	0 - 9 , N	7
Item 62: Culvert	0 - 9 , N	N
Item 71: Waterway Adequacy	0 - 9 , N	7
Item 72: Approach Roadway Alignment	0 - 9 , N	8

Note: If NBI Inspection Item is not present, code NBI item with "N"

NC SMU Inspection Items

Item	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C	G	0	3376
Drainage System	G, F, P, or C	G	0	3332
Utilities	G, F, P, or C			
Slope Protection	G, F, P, or C	G	0	3352
Wingwall	G, F, P, or C	G	0	3350
Scour	G, F, P, or C	G		
Field Scour Evaluation		O		
Drift	G, F, P, or C	G	0	3366
Fender System	G, F, P, or C			
Response to Live Load	G, F, P, or C	F		
Estimated Remaining Life	0 - 100 Years	10		

Note: If NC SMU Inspection Item is not present, leave NC SMU item blank

Inspection Information

Item	Grade Scale	Grade
Regulatory Sign Noticed Issued	YES/NO	N
Priority Maintenance Request Submitted	YES/NO	Y
Inspection Time	Hours	8
Traffic Control Time	Hours	
Snooper Time	Hours	
Ladder Used	YES/NO	N
Bucket Truck Used	YES/NO	N
Boat Used	YES/NO	N
Other Equipment Used	YES/NO	N

National Bridge and NC SMU Inspection Item Details

Structure Number: 960317

Inspection Date: 01/21/2015

Item	Grade	Maint Code	Qty.
Details			



Span 1 Wearing Surface: 15 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces): Spall 1 in. deep or greater or 6 in. diameter or greater. Patched area that is unsound or showing distress. Full depth pothole.
POTHOLE ON DECK 7' X 2' DECK BOARDS EXPOSED AT ABUTMENT B



Span 1 Beam 1: 27 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. FROM ABUTMENT A EXTENDS 27' TOP AND BOTTOM FLANGE 1/4" REMAINING SECTION, BEAMS 2 AND 3 SIMILAR



Span 1 Beam 1: 3 Feet of Corrosion: The condition warrants a structural review to determine the effect on strength or serviceability of the element or bridge; OR a structural review has been completed and the defects impact strength or serviceability of the element or bridge. BOTTOM RIGHT FLANGE FROM ABUTMENT B EXTENDING 3' KNIFE EDGE SECTION REMAINING



Span 1 Deck: 180 Square Feet of Decay/Section Loss: Affects 10% or more of the member but does not warrant structural review. FIRE DAMAGE BAY 1 AND 2 FULL LENGTH AND 15' OF BAY 3, 1/16" INCH SECTION LOSS



Span 1 Beam 7: 1 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. 1/8" REMAINING SECTION BOTTOM FLANGE FROM ABUTMENT A EXTENDS OUT 1'



Span 1 Beam 8: 2 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. 3/8" REMAINING SECTION BOTTOM FLANGE EXTENDS FROM ABUTMENT A 2'



Span 1 Beam 7: 2 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. 1/8" SECTION REMAINING RT BOTTOM FLANGE, 3/8" REMAINING SECTION LT BOTTOM FLANGE, EXTENDS 2' FROM ABUTMENT B



ONE LANE BRIDGE



WEST TO EAST



UPSTREAM



DOWNSTREAM



LOOKING WEST



BEAM 9, BOTTOM FLANGE REMAINT RIGHT SIDE, BEGINS 31" FROM ABUTMENT A, REPAIR IS 14" L X 3" W X 3/8" THICK REPAIR IS GOOD



ABUTMENT A



ABUTMENT B



SOUTH PROFILE



NORTH PROFILE



ONE LANE ROAD WEST APPROACH

NATIONAL BRIDGE INVENTORY—— STRUCTURE INVENTORY AND APPRAISAL

Update Date: 07/29/2015

IDENTIFICATION				CLASSIFICATION		CODE
(1) STATE NAME -NORTH CAROLINA	BRIDGE	960317		SUFFICIENCY RATING =		7.57
(8) STRUCTURE NUMBER(FEDERAL)		000000001930317		STATUS =	Structurally Deficient	
(5) INVENTORY ROUTE (ON/UNDER) - ON		31017450				
(2) STATE HIGHWAY DEPARTMENT DISTRICT		3				
(3) COUNTY CODE	193	(4) PLACE CODE	0	(112)NBIS BRIDGE SYSTEM -		YES
(6) FEATURE INTERSECTED -	WEST PRONG ROARING RIVER			(104)HIGHWAY SYSTEM	Is not on NHS	0
(7) FACILITY CARRIED	SR1745			(26) FUNCTIONAL CLASS -	Local	09
(9) LOCATION	.4 M.I.E.JCT.SR1730			(100)STRAHNET HIGHWAY -	Not a STRAHNET Route	0
(11)MILEPOINT		0		(101)PARALLEL STRUCTURE -	No Parallel Structure	N
(16)LAT	36° 18' 6.08"	(17)LONG	81° 7' 37.04"	(102)DIRECTION OF TRAFFIC -	2-way Traffic	2
(98)BORDER BRIDGE STATE CODE		PCT SHARE		(103)TEMPORARY STRUCTURE -	Temporary Structure/Conditions	T
(99)BORDER BRIDGE STRUCTURE NO				(110)DESIGNATED NATIONAL NETWORK -	Not on the National Network	0
				(20) TOLL	On Free Road	3
				(31) MAINTAIN -	State Highway Agency	01
				(22) OWNER -	State Highway Agency	01
				(37) HISTORICAL SIGNIFICANCE -	Not Eligible	5
STRUCTURE TYPE AND MATERIAL				CONDITION		CODE
(43) STRUCTURE TYPE MAIN:	Steel			(58) DECK		3
TYPE -	Stringer Multibeam or Girder	CODE	302	(59) SUPERSTRUCTURE		3
(44) STRUCTURE TYPE APPR :				(60) SUBSTRUCTURE		5
TYPE -		CODE	000	(61) CHANNEL & CHANNEL PROTECTION		7
(45) NUMBER OF SPANS IN MAIN UNIT			1	(62) CULVERTS		N
(46) NUMBER OF APPROACH SPANS						
(107)DECK STRUCTURE TYPE -	8	CODE		LOAD RATING AND POSTING		CODE
(108)WEARING SURFACE / PROTECTIVE SYSTEM :				(31) DESIGN LOAD	Unknown	0
(A) TYPE OF WEARING SURFACE -		CODE		(63) OPERATING RATING METHOD -	Load Factor	1
(B) TYPE OF MEMBRANE -		CODE		(64) OPERATING RATING -	HS-1	1
(C) TYPE OF DECK PROTECTION -		CODE		(65) INVENTORY RATING METHOD -	Load Factor	1
				(66) INVENTORY RATING -	HS-1	1
				(70) BRIDGE POSTING -	Posting Required	2
				(41) STRUCTURE OPEN, POSTED, OR CLOSED		P
				DESCRIPTION -	Posted for Load	
				APPRAISAL		CODE
				(67) STRUCTURAL EVALUATION		3
				(68) DECK GEOMETRY		3
				(69) UNDERCLEARANCES,VERTI & HORIZ		N
				(71) WATERWAY ADEQUACY		7
				(72) APPROACH ROADWAY ALIGNMENT		8
				(36) TRAFFIC SAFETY FEATURES		0000
				(113)SCOUR CRITICAL BRIDGES		U
AGE AND SERVICE				PROPOSED IMPROVEMENTS		CODE
(27) YEAR BUILT			1950	(75) TYPE OF WORK -		
(106)YEAR RECONSTRUCTED			1977	(76) LENGTH OF STRUCTURE IMPROVEMENT		
(42) TYPE OF SERVICE : ON -	Highway			(94) BRIDGE IMPROVEMENT COST		
UNDER -	Waterway	CODE	15	(95) ROADWAY IMPROVEMENT COST		
(28) LANES: ON STRUCTURE	2	UNDER STRUCTURE	0	(96) TOTAL PROJECT COST		
(29) AVERAGE DAILY TRAFFIC			370	(97) YEAR OF IMPROVEMENT COST ESTIMATE		
(30) YEAR OF ADT	2012	(109) TRUCK ADT PCT	6%	(114)FUTURE ADT	740	(115) YEAR FUTURE ADT
(19) BYPASS OR DETOUR LENGTH			8 MI			2025
GEOMETRIC DATA				INSPECTIONS		
(48) LENGTH OF MAXIMUM SPAN			30 FT	(90) INSPECTION DATE		01/21/2015
(49) STRUCTURE LENGTH			31 FT	(92) CRITICAL FEATURE INSPECTION :		(93) CFI DATE
(50)CURB OR SIDEWALK: LEFT	.5 FT	RIGHT	.5 FT	A) FRACTURE CRIT DETAIL -	NO	A)
(51) BRIDGE ROADWAY WIDTH CURB TO CURB			18.917 FT	B) UNDERWATER INSP -	NO	B)
(52) DECK WIDTH OUT TO OUT			20 FT	C) OTHER SPECIAL INSP	NO	C)
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)			16 FT	SCOUR		
(33) BRIDGE MEDIAN -	No Median					
(34) SKEW	13°	(35) STRUCTURE FLARED	0			
(10) INVENTORY ROUTE MIN VERT CLEAR			999.9 FT			
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR			18.917 FT			
(53) MIN VERT CLEAR OVER BRIDGE RDWY			999.9 FT			
(54) MIN VERT UNDERCLEAR REF	Not a Highway or Railroad		0 FT			
(55) MIN LAT UNDERCLEAR FT REF	Not a Highway or Railroad		000 FT			
(56) MIN LAT UNDERCLEAR L.T REF			000 FT			
NAVIGATION DATA						
(38) NAVIGATION CONTROL -	No Navigational Control	CODE	0			
(111)PIER PROTECTION		CODE				
(39) NAVIGATION VERTICAL CLEARANCE			0			
(116)VERT - LIFT BRIDGE NAV MIN VERT CLEAR			FT			
(40) NAVIGATION HORIZONTAL CLEARANCE			0 FT			

BRIDGE MANAGEMENT UNIT

DATA ON EXISTING STRUCTURE

Update Date: 07/29/2015

COUNTY : WILKES	DIVISION : 11	DISTRICT : 3	STRUCTURE NUMBER : 960317	LENGTH : 31 FEET
ROUTE CARRIED : SR1745		FEATURE INTERSECTED : WEST PRONG ROARING RIVER		
LOCATED : .4 MI.E.JCT.SR1730		BRIDGE NAME :		CITY :
FUNC. CLASS : 09	SYST.ON : NFA	SYST.UNDER : NFA	ADT & YR : 370 2012	RAIL TYPE : LT 0 RT 0
BUILT : 1950	BY : BMU	PROJ :	FED.AID PROJ :	DESIGN LOAD : Unknown
REHAB : 1977	EY :	PROJ :	ALIGNMENT : TAN	SKEW : 100
NAVIGATION : VC 0 FT		HC 0 FT	HT. CRN. TO BED : 8 FT	LANES : ON 2 UNDER 0
WATER DEPTH : 2 FT				
SUPERSTRUCTURE :		TIMBER FLOOR ON I-BEAMS (LOW-WATER TYPE)		
SUBSTRUCTURE :		E.BTS.TIM.CAPS/TIM.POST&SILLS @ VAR.CTS.		
SPANS :		1 @ 31'		
BEAMS OR GIRDERS :		9 LINES 16 I-BEAMS @ VAR. CENTERS		
FLOOR : 4X8 TIM/2 AVVS	ENCROACHMENT :		DECK (OUT TO OUT) : 20 FT	
CLEAR ROADWAY : 18917 FT	BETWEEN RAILS : 0 FT		SIDEWALK OR CURB : LT .5 FT RT .5 FT	
VERT.CL.OVER : 999.9 FT				
INV.RTG. : HS-1	OPE.RTG. : HS-1	CONTR.MEMBER : int bm	POSTED : SV 22	TTST 29 DATE 05/13/2015
SYSTEM : Secondary S.R. Route		GREEN LINE ROUTE : N		
UNDER ROUTES AND CLEARANCES				
REMARKS :				

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 960317

County WILKES

Date:

These Repairs Should Be Made Within Twelve Months From Date Of This Inspection

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3314	Maintain Steel Superstructure Components	LF	3	BEAM 1 RT BOTTOM FLANGE KNIFE EDGE SECTION REMAINING, EXTENDS 3' FROM ABUTMENT B, END OF BEAM ALSO DISTORTED FROM FIRE DAMAGE	

Key



Priority Maintenance Item



Critical Finding Item



Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 960317

County WILKES

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	3 LF
Location:		
Beams and Girders	Bent/Span No. 1	BEAM 1 AT ABUTMENT B
Priority Level	Status	
Critical Finding	Division Maintenance Work Completed	
Submitted Date:	Submitted By:	Assisted By:
01/22/2015	MAX FORD	BILL DAY
Details		
BEAM 1 RT BOTTOM FLANGE KNIFE EDGE SECTION REMAINING, EXTENDS 3' FROM ABUTMENT B, END OF BEAM ALSO DISTORTED FROM FIRE DAMAGE		

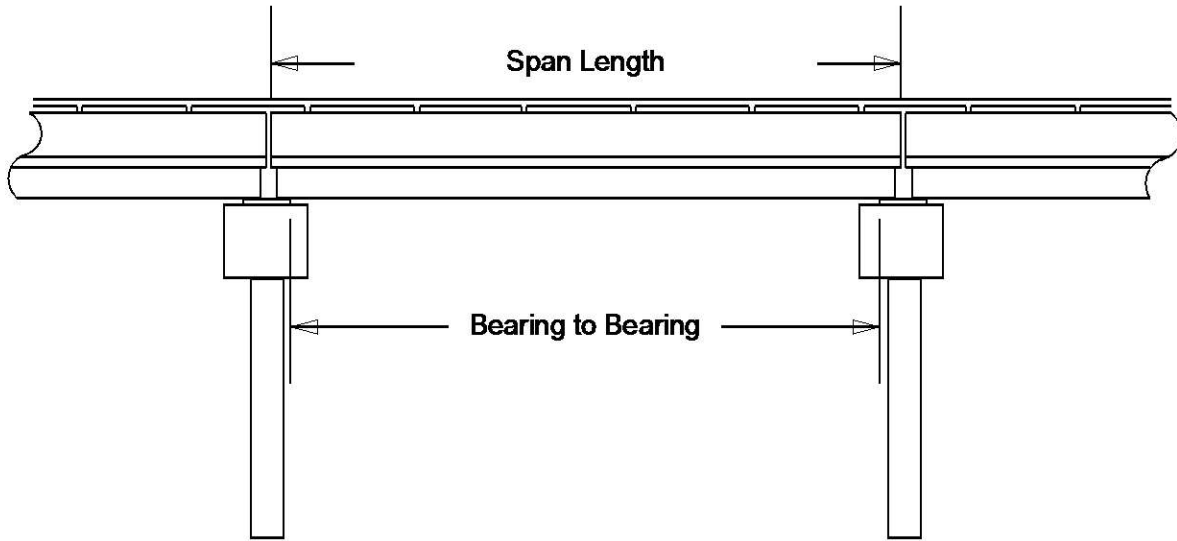


BEAM 1 RT BOTTOM FLANGE KNIFE EDGE SECTION REMAINING, EXTENDS 3' FROM ABUTMENT B, END OF BEAM ALSO DISTORTED FROM FIRE DAMAGE

Structure Data Worksheet

Spans

County: WILKES Structure No: 960317 Date: Inspected By: MF



Span No	Span Length	Bearing to Bearing	Comments
1	31'-0"	29'-8"	FACE OF CAP TO FACE OF CAP = 28'-6"

Stream Bed Soundings

(See next sheet for profile sketch)

Bridge No: 960317 County: WILKES Date: _____ By: MF

Record sounding from top of rail. Other location if needed: TOP OF THE CURB

Distance from Highwater Mark to top of rail: _____ Location of Highwater Mark: _____

DOWNSTREAM			UPSTREAM		
Distance (Station) (ft)	Sounding (ft)	Description	Distance (Station) (ft)	Sounding (ft)	Description
0	0				
0.001	1.1	TOP OF FILL FACE			
0.299	1.1	TOP OF FILL FACE			
0.3	3	Top of Cap			
0.301	5.5	FACE OF ABUTMENT 1	0.301	5.1	FACE OF ABUTMENT 1
4	6.6	Water Surface/Water Edge (WSWE)			
10	7.7	STREAM BED			
16	8.4	STREAM BED			
22	8	STREAM BED			
30	6.6	Water Surface/Water Edge (WSWE)			
30.699	6.3	FACE OF ABUTMENT 2	30.699	6.1	FACE OF ABUTMENT 2
30.7	3	Top of Cap			
30.701	1.1	TOP OF FILL FACE			
30.999	1.1	TOP OF FILL FACE			
31	0				

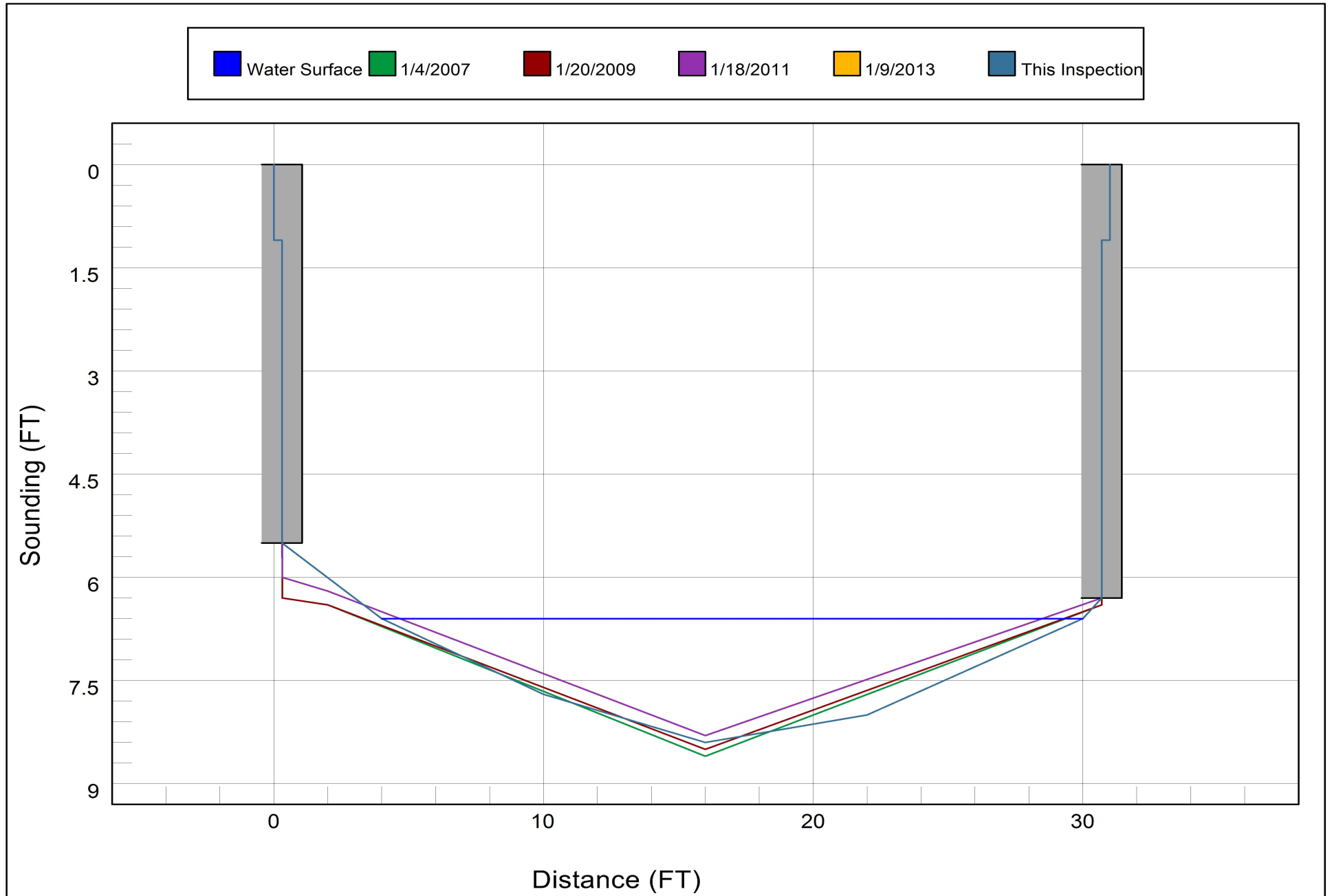
Bridge: 960317

County WILKES

Date:

STREAMBED PROFILE (Downstream)

Top of Rail = 0 FT (Sounding)



Bridge Inspection Field Sketch

SR 1745



Roadway	16ft Wide	1 Paved Lanes	Looking East
Left Shoulder	6ft Wide		6ft Unpaved
Right Shoulder	6ft Wide		6ft Unpaved
Left Guardrail			
Right Guardrail			

VERIFIED 1/21/15 MF, BD

Title

APRW

Description

APPROACH ROADWAY

Bridge No: 960317

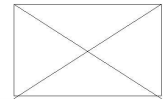
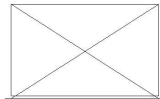
Drawn By: KCI

Date: 01/09/2013

File Name: S0130001504

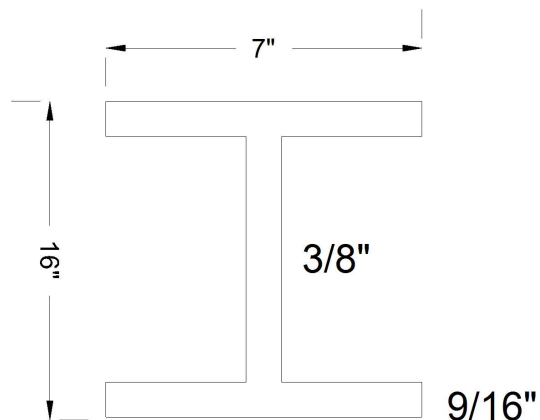
Bridge Inspection Field Sketch

Deck Width/Out to Out	20.0ft	Wearing Surface	0.167ft
Between Rails		Median Width	
Curb Height	0.792ft	Median Height	
Top Rail to Deck/Wearing Surface		Left Guardrail Width	
Clear Roadway	18.917ft	Right Guardrail Width	
Left Bridge Rail		Right Bridge Rail	



Measurements for Span #	1		
Deck Thickness	0.312	Left Overhang	1.083
Top of Rail to Bottom of Beam	2.417	Right Overhang	1.083

Beam No	Beam Type	Spacing	Comments
1	Steel I Beam	2.083ft	
2	Steel I Beam	2.250ft	
3	Steel I Beam	2.250ft	
4	Steel I Beam	2.250ft	
5	Steel I Beam	2.250ft	
6	Steel I Beam	2.250ft	
7	Steel I Beam	2.250ft	
8	Steel I Beam	2.083ft	
9	Steel I Beam		



VERIFIED 1/21/15 MF, BD

Title

TS

Description

SUPER

Bridge No: 960317

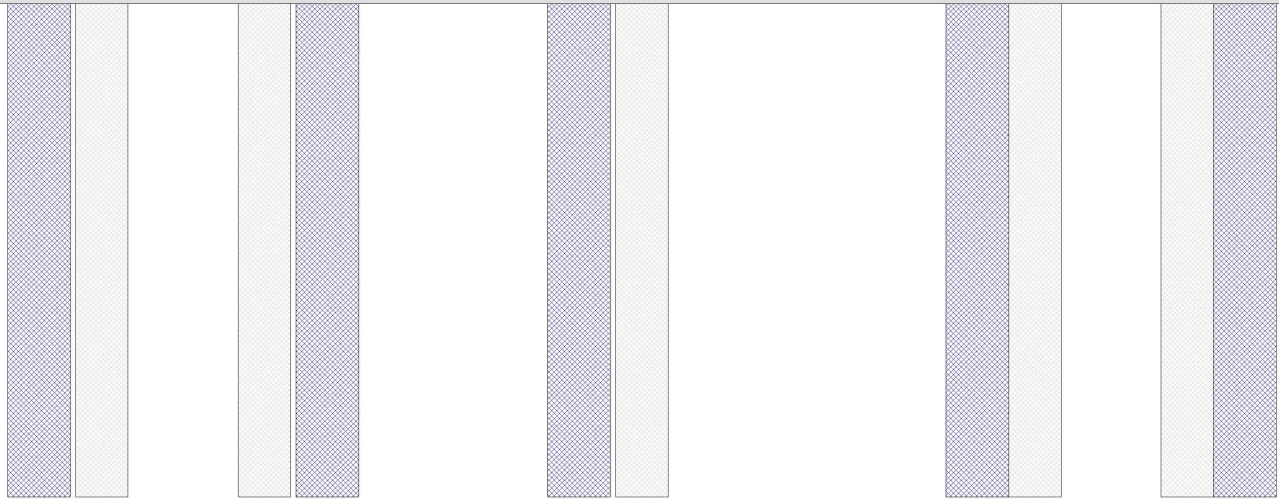
Drawn By: DCW

Date: 01/04/2007

File Name: S0126001300

Bridge Inspection Field Sketch

VERIFIED 1/21/15 MF, BD



Cap Information			Material Timber							
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.				
21.333 ft.	1.000 ft.	1.000 ft.	1.917 ft.	1.333 ft.	2.250 ft.	2.000 ft.				
Subcap Information			Material							
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.					
Sill Information			Material							
Length	Width	Height								
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	1 ft.	1 ft.		1 ft.	Vertical	No	Yes	No	No
2	Timber	2.583 ft.	.833 ft.		.833 ft.	Vertical	No	No	No	No
3	Timber	1 ft.	.833 ft.		.833 ft.	Vertical	No	No	No	No
4	Timber	4 ft.	1 ft.		1 ft.	Vertical	No	Yes	No	No
5	Timber	1 ft.	1 ft.		1 ft.	Vertical	No	Yes	No	No
6	Timber	5.333 ft.	.833 ft.		.833 ft.	Vertical	No	No	No	No
7	Timber	.917 ft.	1 ft.		1 ft.	Vertical	No	Yes	No	No
8	Timber	2.417 ft.	.833 ft.		.833 ft.	Vertical	No	No	No	No
9	Timber	.917 ft.	.833 ft.		.833 ft.	Vertical	No	No	No	No
10	Timber		1 ft.		1 ft.	Vertical	No	Yes	No	No
Bent/Abutment #: 1 Similar Bents:										

Title

SUB 1

Description

SUB AB 1

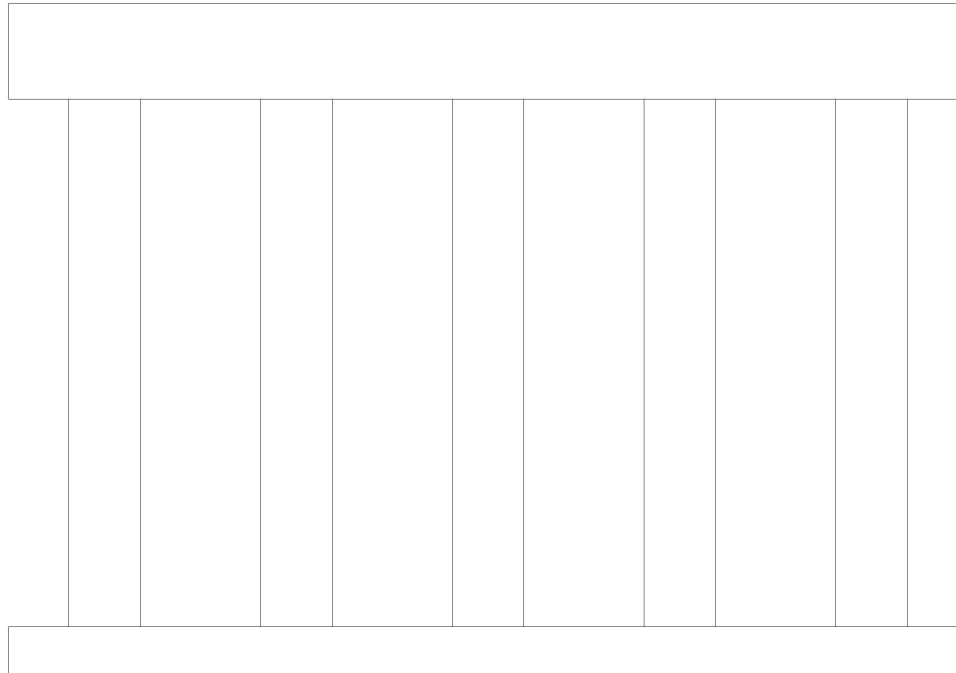
Bridge No: 960317

Drawn By: G.R.R.

Date: 01/04/2007

File Name: S0130001505

Bridge Inspection Field Sketch



Abutment #	2		
Cap - Beam Type (Wood or Steel)			
Cap Size	20.5ft Long	1ft Wide	1ft High
Left Overhang	1.25ft	Lt Cap/Beam Overhang	1.250ft
Right Overhang	1.25ft	Rt Cap/Beam Overhang	1.250ft
Sill - Sill			
Sill Size			

Pile #	Material	Pile Type	Spacing	Length	Width/Diam.	Height	Orientation
1	Wood or Timber	Post and Sills	4' 6"		12"	11 3/4"	Vertical
2	Wood or Timber	Post and Sills	4' 6"		12"	11 3/4"	Vertical
3	Wood or Timber	Post and Sills	4' 6"		10"	11 3/4"	Vertical
4	Wood or Timber	Post and Sills	4' 6"		12"	11 3/4"	Vertical
5	Wood or Timber	Post and Sills			12"	11 3/4"	Vertical

VERIFIED 1/21/15 MF, BD

Title

SUB 2

Description

SUB AB 2

Bridge No: 960317

Drawn By: G.R.R.

Date: 01/04/2007

File Name: S0130001506