



NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STRUCTURE MANAGEMENT UNIT

ATTENTION: PMN'S ISSUED FOR SUPERSTRUCTURE AND SLOPE PROTECTION... TEMP. REPAIRS TO SUBSTRUCTURE...

Structure Safety Report

Routine Element Inspection

COUNTY: ASHE STRUCTURE NUMBER: 040023 FREQUENCY: 24 MONTHS
FACILITY CARRIED: NC194 MILE POST: _____
LOCATION: 100 FT.S.JCT.SR1353
FEATURE INTERSECTED: OLD FIELD BRANCH
LATITUDE: 36° 29' 56.6" LONGITUDE: 81° 30' 39.72"
SUPERSTRUCTURE: STEEL PLANK FLOOR ON I-BEAMS
SUBSTRUCTURE: REINFORCED CONCRETE ABUTMENTS
SPANS: 1@ 33'-5"
☐ FRACTURE CRITICAL ☐ TEMPORARY SHORING ☐ SCOUR CRITICAL ☐ SCOUR PLAN OF ACTION
PRESENT CONDITION: Poor INSPECTION DATE: 05/12/2016
POSTED SV: Not Posted POSTED TTST: Not Posted
OTHER SIGNS PRESENT: NONE



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>

SOUTH TO NORTH

INSPECTED BY ANDREW GLASCO	SIGNATURE <i>Andrew P. Elmer</i>	ASSISTED BY MAX FORD
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Span Element Report

Structure Number: 040023

Inspection Date: 05/12/2016

Span Number 1

Span Length 33.42 Feet

Number of Beams/Girders: 11

Element Number	Parent Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code
30		Steel Deck Corrugated/Orthotropic/Etc.	769	769	0	0	0	0	3328
107		Steel Open Girder/Beam	374	131	0	243	0	243	3314
515	107	Steel Protective Coating	2310	2033	0	0	277	277	3342
215		Reinforced Concrete Abutment	60	53	7	0	0	7	3350
330		Metal Bridge Railing	68	56	0	12	0	12	3322
515	330	Steel Protective Coating	68	56	0	0	12	12	3342
510		Wearing Surface	752	692	0	60	0	60	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: 040023

Inspection Date: 05/12/2016

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	30	Steel Deck Corrugated/Orthotropic/Etc.	769	769	0	0	0	0	3328	☐ Requested
☒ Bridge Rail	1	330	Metal Bridge Railing	34	28	0	6	0	6	3322	☒ Requested
Protective System		515	Steel Protective Coating	34	28	0	0	6	6	3342	
☒ Bridge Rail	2	330	Metal Bridge Railing	34	28	0	6	0	6	3322	☒ Requested
Protective System		515	Steel Protective Coating	34	28	0	0	6	6	3342	
☒ Wearing Surfaces		510	Wearing Surface	752	692	0	60	0	60	2816	☐ Requested
☒ Beam	1	107	Steel Open Girder/Beam	34	0	0	34	0	34	3314	☒ Requested
Protective System		515	Steel Protective Coating	210	142	0	0	68	68	3342	
☒ Beam	2	107	Steel Open Girder/Beam	34	17	0	17	0	17	3314	☒ Requested
Protective System		515	Steel Protective Coating	210	193	0	0	17	17	3342	
☒ Beam	3	107	Steel Open Girder/Beam	34	17	0	17	0	17	3314	☒ Requested
Protective System		515	Steel Protective Coating	210	193	0	0	17	17	3342	
☒ Beam	4	107	Steel Open Girder/Beam	34	18	0	16	0	16	3314	☒ Requested
Protective System		515	Steel Protective Coating	210	194	0	0	16	16	3342	
☒ Beam	5	107	Steel Open Girder/Beam	34	13	0	21	0	21	3314	☒ Requested
Protective System		515	Steel Protective Coating	210	189	0	0	21	21	3342	
☒ Beam	6	107	Steel Open Girder/Beam	34	19	0	15	0	15	3314	☒ Requested
Protective System		515	Steel Protective Coating	210	195	0	0	15	15	3342	
☒ Beam	7	107	Steel Open Girder/Beam	34	19	0	15	0	15	3314	☒ Requested
Protective System		515	Steel Protective Coating	210	195	0	0	15	15	3342	
☒ Beam	8	107	Steel Open Girder/Beam	34	12	0	22	0	22	3314	☒ Requested
Protective System		515	Steel Protective Coating	210	188	0	0	22	22	3342	
☒ Beam	9	107	Steel Open Girder/Beam	34	16	0	18	0	18	3314	☒ Requested
Protective System		515	Steel Protective Coating	210	192	0	0	18	18	3342	
☒ Beam	10	107	Steel Open Girder/Beam	34	0	0	34	0	34	3314	☒ Requested
Protective System		515	Steel Protective Coating	210	176	0	0	34	34	3342	
☒ Beam	11	107	Steel Open Girder/Beam	34	0	0	34	0	34	3314	☒ Requested
Protective System		515	Steel Protective Coating	210	176	0	0	34	34	3342	

Superstructure Element Defect Descriptions

Structure Number: 040023

Inspection Date: 05/12/2016

Span Number 1

Span	1	Bridge Rail	1	Component Name:				Steel Rail					
Element:	330	Name	Metal Bridge Railing	Qty:	34	Lvl 2:	0	Lvl 3	6	Lvl 4	0	Maint. Qty	6

Defect Description:

1 Square Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. LEFT RAIL POST BLOCK (1) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. LEFT RAIL POST BLOCK (1) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS

1 Square Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. LEFT RAIL POST BLOCK (2) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. LEFT RAIL POST BLOCK (2) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS

1 Square Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. LEFT RAIL POST BLOCK (3) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. LEFT RAIL POST BLOCK (3) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS

1 Square Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. LEFT RAIL POST BLOCK (4) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/8") AVG REMAINING AND (1/4") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. LEFT RAIL POST BLOCK (4) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/8") AVG REMAINING AND (1/4") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS

1 Square Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. LEFT RAIL POST BLOCK (5) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/8") AVG REMAINING AND (1/4") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS. (3") DIA. HOLE IN WEB

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. LEFT RAIL POST BLOCK (5) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/8") AVG REMAINING AND (1/4") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS. (3") DIA. HOLE IN WEB

1 Square Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. LEFT RAIL POST BLOCK (6) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. LEFT RAIL POST BLOCK (6) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS

Span	1	Bridge Rail	2	Component Name:					Steel Rail			
Element:	330	Name	Metal Bridge Railing	Qty:	34	Lvl 2:	0	Lvl 3	6	Lvl 4	0 Maint. Qty	6

Defect Description:

1 Square Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. RIGHT RAIL POST BLOCK (1) CORROSION TO TOP AND BOTTOM FLANGES WITH (3/16") AVG REMAINING AND (3/16") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. RIGHT RAIL POST BLOCK (1) CORROSION TO TOP AND BOTTOM FLANGES WITH (3/16") AVG REMAINING AND (3/16") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS

1 Square Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. RIGHT RAIL POST BLOCK (2) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/8") AVG REMAINING AND (1/4") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS

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

BLOCK (2) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/8") AVG REMAINING AND (1/4") LOSS OF SECTION.
CORROSION TO WEB WITH (1/16") LOSS

1 Square Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. RIGHT RAIL POST BLOCK (3) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. RIGHT RAIL POST BLOCK (3) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS

1 Square Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. RIGHT RAIL POST BLOCK (4) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. RIGHT RAIL POST BLOCK (4) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS

1 Square Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. RIGHT RAIL POST BLOCK (5) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. RIGHT RAIL POST BLOCK (5) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS

1 Square Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. RIGHT RAIL POST BLOCK (6) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. RIGHT RAIL POST BLOCK (6) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS

Span 1	Wearing Surfaces			Component Name:		Asphalt Wearing Surface					
Element: 510	Name	Wearing Surface	Qty:	752	Lvl 2:	0	Lvl 3	60	Lvl 4	0 Maint. Qty	60
Defect Description:											

Defect Description:

60 Square Feet of Crack (Wearing Surface): Width of more than 0.05 in. or spacing of less than 1.0 ft. TRANSVERSE CRACKS ALONG EACH ABUT. AND THROUGHOUT WEARING SURFACE

Span 1	Beam	1	Component Name:				Plate Girder				
Element: 107	Name	Steel Open Girder/Beam	Qty:	34	Lvl 2:	0	Lvl 3	34	Lvl 4	0 Maint. Qty	34

Defect Description:

34 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. BEAM (1) CORROSION F/L ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 8" H) WITH (+/- 1/16") LOSS

68 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. BEAM (1) CORROSION F/L ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 8" H) WITH (+/- 1/16") LOSS

Span 1	Beam	2	Component Name:				Plate Girder				
Element: 107	Name	Steel Open Girder/Beam	Qty:	34	Lvl 2:	0	Lvl 3	17	Lvl 4	0 Maint. Qty	17

Defect Description:

11 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. BEAM (2) CORROSION AT ABUT. (A) BEAM END (+/- 11 LF) ALONG TOP AND BOTTOM FLANGES WITH (5/16") AVG REMAINING AND (3/8") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 6" H) WITH (+/- 1/16") LOSS

11 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. BEAM (2) CORROSION AT ABUT. (A) BEAM END (+/- 11 LF) ALONG TOP AND BOTTOM FLANGES WITH (5/16") AVG REMAINING AND (3/8") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 6" H) WITH (+/- 1/16") LOSS

6 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. CORROSION (+/- 6 LF) AT ABUT. (B) BEAM END ALONG TOP AND BOTTOM FLANGES WITH NO MEASURABLE SECTION LOSS AT THIS TIME.

6 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. CORROSION (+/- 6 LF) AT ABUT. (B) BEAM END ALONG TOP AND BOTTOM FLANGES WITH NO MEASURABLE SECTION LOSS AT THIS TIME.

Span	1	Beam	3	Component Name:		Plate Girder							
Element:	107	Name	Steel Open Girder/Beam	Qty:	34	Lvl 2:	0	Lvl 3	17	Lvl 4	0	Maint. Qty	17

Defect Description:

6 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. CORROSION (+/- 6 LF) AT ABUT. (B) BEAM END ALONG TOP AND BOTTOM FLANGES WITH NO MEASURABLE SECTION LOSS AT THIS TIME.

6 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. CORROSION (+/- 6 LF) AT ABUT. (B) BEAM END ALONG TOP AND BOTTOM FLANGES WITH NO MEASURABLE SECTION LOSS AT THIS TIME.

11 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. BEAM (3) CORROSION AT ABUT. (A) BEAM END (+/- 11 LF) ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 6" H) WITH (+/- 1/16") LOSS

11 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. BEAM (3) CORROSION AT ABUT. (A) BEAM END (+/- 11 LF) ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 6" H) WITH (+/- 1/16") LOSS

Span 1	Beam 4	Component Name: Plate Girder							
Element: 107	Name Steel Open Girder/Beam	Qty: 34	Lvl 2: 0	Lvl 3: 16	Lvl 4: 0	Maint. Qty: 16			

Defect Description:

6 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. CORROSION (+/- 6 LF) AT ABUT. (B) BEAM END ALONG TOP AND BOTTOM FLANGES WITH NO MEASURABLE SECTION LOSS AT THIS TIME.

6 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. CORROSION (+/- 6 LF) AT ABUT. (B) BEAM END ALONG TOP AND BOTTOM FLANGES WITH NO MEASURABLE SECTION LOSS AT THIS TIME.

10 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. BEAM (4) CORROSION AT ABUT. (A) BEAM END (+/- 10 LF) ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 8" H) WITH (+/- 1/16") LOSS

10 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. BEAM (4) CORROSION AT ABUT. (A) BEAM END (+/- 10 LF) ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 8" H) WITH (+/- 1/16") LOSS

Span 1	Beam 5	Component Name: Plate Girder							
Element: 107	Name Steel Open Girder/Beam	Qty: 34	Lvl 2: 0	Lvl 3: 21	Lvl 4: 0	Maint. Qty: 21			

Defect Description:

6 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. CORROSION (+/- 6 LF) AT ABUT. (B) BEAM END ALONG TOP AND BOTTOM FLANGES WITH NO MEASURABLE SECTION LOSS AT THIS TIME.

6 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. CORROSION (+/- 6 LF) AT ABUT. (B) BEAM END ALONG TOP AND BOTTOM FLANGES WITH NO MEASURABLE SECTION LOSS AT THIS TIME.

15 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. BEAM (5) CORROSION AT ABUT. (A) BEAM END (+/- 15 LF) ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING

AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 5" H) WITH (+/- 1/16") LOSS

15 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. BEAM (5) CORROSION AT ABUT. (A) BEAM END (+/- 15 LF) ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 5" H) WITH (+/- 1/16") LOSS

Span	1	Beam	6	Component Name:	Plate Girder															
Element:	107	Name	Steel Open Girder/Beam	Qty:	34	Lvl 2:	0	Lvl 3	15	Lvl 4	0	Maint. Qty	15							

Defect Description:

9 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. BEAM (6) CORROSION AT ABUT. (A) BEAM END (+/- 9 LF) ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 5" H) WITH (+/- 1/16") LOSS. WITH (2") DIA. HOLE IN LEFT SIDE BOTTOM FLANGE

9 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. BEAM (6) CORROSION AT ABUT. (A) BEAM END (+/- 9 LF) ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 5" H) WITH (+/- 1/16") LOSS. WITH (2") DIA. HOLE IN LEFT SIDE BOTTOM FLANGE

6 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. BEAM (6) CORROSION AT ABUT. (B) BEAM END (+/- 6 LF) ALONG TOP AND BOTTOM FLANGES WITH (3/8") AVG REMAINING AND (1/8") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 5" H) WITH (+/- 1/16") LOSS.

6 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. BEAM (6) CORROSION AT ABUT. (B) BEAM END (+/- 6 LF) ALONG TOP AND BOTTOM FLANGES WITH (3/8") AVG REMAINING AND (1/8") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 5" H) WITH (+/- 1/16") LOSS.

Span	1	Beam	7	Component Name:	Plate Girder															
Element:	107	Name	Steel Open Girder/Beam	Qty:	34	Lvl 2:	0	Lvl 3	15	Lvl 4	0	Maint. Qty	15							

Defect Description:

6 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. CORROSION (+/- 6 LF) AT ABUT. (B) BEAM END ALONG TOP AND BOTTOM FLANGES WITH NO MEASURABLE SECTION LOSS AT THIS TIME.

6 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. CORROSION (+/- 6 LF) AT ABUT. (B) BEAM END ALONG TOP AND BOTTOM FLANGES WITH NO MEASURABLE SECTION LOSS AT THIS TIME.

9 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. BEAM (7) CORROSION AT ABUT. (A) BEAM END (+/- 9 LF) ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 5" H) WITH (+/- 1/16") LOSS.

9 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. BEAM (7) CORROSION AT ABUT. (A) BEAM END (+/- 9 LF) ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 5" H) WITH (+/- 1/16") LOSS.

Span	1	Beam	8	Component Name:	Plate Girder															
Element:	107	Name	Steel Open Girder/Beam	Qty:	34	Lvl 2:	0	Lvl 3	22	Lvl 4	0	Maint. Qty	22							

Defect Description:

15 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. BEAM (8) CORROSION AT ABUT. (A) BEAM END (+/- 15 LF) ALONG TOP AND BOTTOM FLANGES WITH (3/16") AVG REMAINING AND (5/16") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 6" H) WITH (+/- 1/16") LOSS.

15 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. BEAM (8) CORROSION AT ABUT. (A) BEAM END (+/- 15 LF) ALONG TOP AND BOTTOM FLANGES WITH (3/16") AVG REMAINING AND (5/16") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 6" H) WITH (+/- 1/16") LOSS.

7 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. BEAM (8) CORROSION AT ABUT. (B) BEAM END (+/- 7 LF) ALONG TOP AND BOTTOM FLANGES WITH (3/8") AVG REMAINING

AND (1/8") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 7" H) WITH (+/- 1/16") LOSS.

7 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. BEAM (8) CORROSION AT ABUT. (B) BEAM END (+/- 7 LF) ALONG TOP AND BOTTOM FLANGES WITH (3/8") AVG REMAINING AND (1/8") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 7" H) WITH (+/- 1/16") LOSS.

Span	1	Beam	9	Component Name:				Plate Girder				
Element:	107	Name	Steel Open Girder/Beam	Qty:	34	Lvl 2:	0	Lvl 3	18	Lvl 4	0 Maint. Qty	18

Defect Description:

6 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. CORROSION (+/- 6 LF) AT ABUT. (B) BEAM END ALONG TOP AND BOTTOM FLANGES WITH NO MEASURABLE SECTION LOSS AT THIS TIME.

6 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. CORROSION (+/- 6 LF) AT ABUT. (B) BEAM END ALONG TOP AND BOTTOM FLANGES WITH NO MEASURABLE SECTION LOSS AT THIS TIME.

12 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. BEAM (9) CORROSION AT ABUT. (A) BEAM END (+/- 12 LF) ALONG TOP AND BOTTOM FLANGES WITH (3/8") AVG REMAINING AND (1/8") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 6" H) WITH (+/- 1/16") LOSS.

12 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. BEAM (9) CORROSION AT ABUT. (A) BEAM END (+/- 12 LF) ALONG TOP AND BOTTOM FLANGES WITH (3/8") AVG REMAINING AND (1/8") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 6" H) WITH (+/- 1/16") LOSS.

Span	1	Beam	10	Component Name:		Plate Girder						
Element:	107	Name	Steel Open Girder/Beam	Qty:	34	Lvl 2:	0	Lvl 3	34	Lvl 4	0 Maint. Qty	34

Defect Description:

34 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. BEAM (10) CORROSION F/L ALONG TOP AND BOTTOM FLANGES WITH (3/8") AVG REMAINING AND (1/8") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 4" H) WITH (+/- 1/16") LOSS

34 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. BEAM (10) CORROSION F/L ALONG TOP AND BOTTOM FLANGES WITH (3/8") AVG REMAINING AND (1/8") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 4" H) WITH (+/- 1/16") LOSS

Span	1	Beam	11	Component Name:				Plate Girder				
Element:	107	Name	Steel Open Girder/Beam	Qty:	34	Lvl 2:	0	Lvl 3	34	Lvl 4	0 Maint. Qty	34

Defect Description:

34 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. BEAM (11) CORROSION F/L ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 5" H) WITH (+/- 1/16") LOSS

34 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. BEAM (11) CORROSION F/L ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 5" H) WITH (+/- 1/16") LOSS

Substructure Detailed Element Quantities

Structure Number: 040023

Inspection Date: 05/12/2016

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	215	Reinforced Concrete Abutment	30	23	7	0	0	7	3350	☐ 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	215	Reinforced Concrete Abutment	30	30	0	0	0	0	3350	☐ Requested

Substructure Element Defect Descriptions

Structure Number: 040023

Inspection Date: 05/12/2016

End Bent 1

End Bent 1	Row 1	Abutments	1									
Element: 215	Name	Reinforced Concrete Abutment	Qty:	30	Lvl 2:	7	Lvl 3	0	Lvl 4	0	Maint. Qty	7
Defect Description:												

7 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound. TEMP. REPAIR TO SOUTH EAST ABUT. (A) AND UNDER BEAMS (6 & 9) GOOD AT THIS TIME.

National Bridge and NC Inspection Items

Structure Number: 040023

Inspection Date: 05/12/2016

National Bridge Inventory Items

Item	Grade Scale	Grade
Item 58: Deck	0 - 9 , N	6
Item 59: Superstructure	0 - 9 , N	4
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	P	2	3352
Scour	G, F, P, or C	G		
Wingwall	G, F, P, or C		0	3350
Field Scour Evaluation		O		
Drift	G, F, P, or C	G	0	3366
Fender System	G, F, P, or C		0	3364
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	F		
Estimated Remaining Life	0 - 100 Years	5		

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	Y
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: 040023

Inspection Date: 05/12/2016

Item	Superstructure - Item 59	Grade	4	Maint Code	Qty.	0
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Details PMN'S ISSUED FOR SUPERSTRUCTURE...

Item	Substructure - Item 60	Grade	5	Maint Code	Qty.	0
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Details TEMP. REPAIRS TO SUBSTRUCTURE...

Item	Priority Maintenance Issued	Grade	Y	Maint Code	Qty.	0
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Details PMN'S ISSUED FOR SUPERSTRUCTURE AND SLOPE PROTECTION...

Item	Slope Protection	Grade	P	Maint Code	3352	Qty.	2
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Details EROSION ALONG LEFT END ABUT. (A) SHOULDER (+/- 5' L X 2' H X 2' D) AND EXTENDS (+/- 6") UNDER EDGE OF WEARING SURFACE

Item	Response to live load	Grade	F	Maint Code	Qty.	0
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Details BEAMS DEFLECT (+/- 1/4") UNDER TRUCK LOADS



Span 1 Wearing Surface: 60 Square Feet of Crack (Wearing Surface): Width of more than 0.05 in. or spacing of less than 1.0 ft. TRANSVERSE CRACKS ALONG EACH ABUT. AND THROUGHOUT WEARING SURFACE



EROSION ALONG LEFT END ABUT. (A) SHOULDER (+/- 5' L X 2' H X 2' D) AND EXTENDS (+/- 6") UNDER EDGE OF WEARING SURFACE



Span 1 Beam 1: 34 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. BEAM (1) CORROSION F/L ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 8" H) WITH (+/- 1/16") LOSS



Span 1 Beam 2: 11 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. BEAM (2) CORROSION AT ABUT. (A) BEAM END (+/- 11 LF) ALONG TOP AND BOTTOM FLANGES WITH (5/16") AVG REMAINING AND (3/8") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 6" H) WITH (+/- 1/16") LOSS



Span 1 Beam 2: 6 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. CORROSION (+/- 6 LF) AT ABUT. (B) BEAM END ALONG TOP AND BOTTOM FLANGES WITH NO MEASURABLE SECTION LOSS AT THIS TIME.



Span 1 Beam 3: 11 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. BEAM (3) CORROSION AT ABUT. (A) BEAM END (+/- 11 LF) ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 6" H) WITH (+/- 1/16") LOSS



Span 1 Beam 4: 10 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. BEAM (4) CORROSION AT ABUT. (A) BEAM END (+/- 10 LF) ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 8" H) WITH (+/- 1/16") LOSS



Span 1 Beam 5: 15 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. BEAM (5) CORROSION AT ABUT. (A) BEAM END (+/- 15 LF) ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 5" H) WITH (+/- 1/16") LOSS



Span 1 Beam 6: 9 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. BEAM (6) CORROSION AT ABUT. (A) BEAM END (+/- 9 LF) ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 5" H) WITH (+/- 1/16") LOSS. WITH (2") DIA. HOLE IN LEFT SIDE BOTTOM FLANGE



Span 1 Beam 6: 6 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. BEAM (6) CORROSION AT ABUT. (B) BEAM END (+/- 6 LF) ALONG TOP AND BOTTOM FLANGES WITH (3/8") AVG REMAINING AND (1/8") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 5" H) WITH (+/- 1/16") LOSS.



Span 1 Beam 7: 9 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. BEAM (7) CORROSION AT ABUT. (A) BEAM END (+/- 9 LF) ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 5" H) WITH (+/- 1/16") LOSS.



Span 1 Beam 8: 15 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. BEAM (8) CORROSION AT ABUT. (A) BEAM END (+/- 15 LF) ALONG TOP AND BOTTOM FLANGES WITH (3/16") AVG REMAINING AND (5/16") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 6" H) WITH (+/- 1/16") LOSS.



Span 1 Beam 8: 7 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. BEAM (8) CORROSION AT ABUT. (B) BEAM END (+/- 7 LF) ALONG TOP AND BOTTOM FLANGES WITH (3/8") AVG REMAINING AND (1/8") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 7" H) WITH (+/- 1/16") LOSS.



Span 1 Beam 9: 12 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. BEAM (9) CORROSION AT ABUT. (A) BEAM END (+/- 12 LF) ALONG TOP AND BOTTOM FLANGES WITH (3/8") AVG REMAINING AND (1/8") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 6" H) WITH (+/- 1/16") LOSS.



Span 1 Beam 10: 34 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. BEAM (10) CORROSION F/L ALONG TOP AND BOTTOM FLANGES WITH (3/8") AVG REMAINING AND (1/8") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 4" H) WITH (+/- 1/16") LOSS



Span 1 Beam 11: 34 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. BEAM (11) CORROSION F/L ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 5" H) WITH (+/- 1/16") LOSS



Span 1 Right Bridge Rail: 1 Square Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. RIGHT RAIL POST BLOCK (1) CORROSION TO TOP AND BOTTOM FLANGES WITH (3/16") AVG REMAINING AND (3/16") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS



Span 1 Right Bridge Rail: 1 Square Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. RIGHT RAIL POST BLOCK (2) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/8") AVG REMAINING AND (1/4") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS



Span 1 Right Bridge Rail: 1 Square Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. RIGHT RAIL POST BLOCK (3) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS



Span 1 Right Bridge Rail: 1 Square Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. RIGHT RAIL POST BLOCK (4) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS



Span 1 Right Bridge Rail: 1 Square Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. RIGHT RAIL POST BLOCK (5) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS



Span 1 Right Bridge Rail: 1 Square Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. RIGHT RAIL POST BLOCK (6) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS



End Bent 1 Abutment/Backwall : 7 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound. TEMP. REPAIR TO SOUTH EAST ABUT. (A) AND UNDER BEAMS (6 & 9) GOOD AT THIS TIME.



Span 1 Left Bridge Rail: 1 Square Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. LEFT RAIL POST BLOCK (1) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS



Span 1 Left Bridge Rail: 1 Square Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. LEFT RAIL POST BLOCK (2) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS



Span 1 Left Bridge Rail: 1 Square Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. LEFT RAIL POST BLOCK (3) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS



Span 1 Left Bridge Rail: 1 Square Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. LEFT RAIL POST BLOCK (4) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/8") AVG REMAINING AND (1/4") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS



Span 1 Left Bridge Rail: 1 Square Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. LEFT RAIL POST BLOCK (5) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/8") AVG REMAINING AND (1/4") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS. (3") DIA. HOLE IN WEB



Span 1 Left Bridge Rail: 1 Square Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. LEFT RAIL POST BLOCK (6) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS



SOUTH TO NORTH



WEST PROFILE



UPSTREAM



DOWNSTREAM



LOOKING SOUTH



EAST PROFILE



ABUTMENT B



ABUTMENT A



NO BEARING, ALL SIMILAR

NATIONAL BRIDGE INVENTORY----- STRUCTURE INVENTORY AND APPRAISAL

Run Date: 06/16/2016

IDENTIFICATION							
(1) STATE NAME -NORTH CAROLINA	BRIDGE	040023		SUFFICIENCY RATING =	28.66		
(8) STRUCTURE NUMBER(FEDERAL)		00000000090023		STATUS =	Structurally Deficient		
(5) INVENTORY ROUTE (ON/UNDER) - ON		31001940					
(2) STATE HIGHWAY DEPARTMENT DISTRICT		3					
(3) COUNTY CODE	9	(4) PLACE CODE	0				
(6) FEATURE INTERSECTED - OLD FIELD BRANCH							
(7) FACILITY CARRIED NC194							
(9) LOCATION 100 FT.S.JCT.SR1353							
(11)MILEPOINT		0					
(16)LAT 36° 29' 56.60"	(17)LONG	81° 30' 39.72"					
(98)BORDER BRIDGE STATE CODE	PCT SHARE						
(99)BORDER BRIDGE STRUCTURE NO							
STRUCTURE TYPE AND MATERIAL							
(43) STRUCTURE TYPE MAIN: Steel							
TYPE - Stringer Mutlibeam or Girder		CODE 302					
(44) STRUCTURE TYPE APPR :							
TYPE -		CODE 000					
(45) NUMBER OF SPANS IN MAIN UNIT		1					
(46) NUMBER OF APPROACH SPANS							
(107)DECK STRUCTURE TYPE - 6		CODE					
(108)WEARING SURFACE / PROTECTIVE SYSTEM :							
(A) TYPE OF WEARING SURFACE -		CODE					
(B) TYPE OF MEMBRANE -		CODE					
(C) TYPE OF DECK PROTECTION -		CODE					
AGE AND SERVICE							
(27) YEAR BUILT		1963					
(106)YEAR RECONSTRUCTED							
(42) TYPE OF SERVICE : ON - Highway							
UNDER - Waterway		CODE 15					
(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE		0					
(29) AVERAGE DAILY TRAFFIC		3300					
(30) YEAR OF ADT 2012	(109) TRUCK ADT PCT	7%					
(19) BYPASS OR DETOUR LENGTH		10 MI					
GEOMETRIC DATA							
(48) LENGTH OF MAXIMUM SPAN		31 FT					
(49) STRUCTURE LENGTH		33 FT					
(50)CURB OR SIDEWALK: LEFT 0 FT RIGHT		0 FT					
(51) BRIDGE ROADWAY WIDTH CURB TO CURB		22.5 FT					
(52) DECK WIDTH OUT TO OUT		23 FT					
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)		20 FT					
(33) BRIDGE MEDIAN - No Median		CODE 0					
(34) SKEW 0°	(35) STRUCTURE FLARED	0					
(10) INVENTORY ROUTE MIN VERT CLEAR		999.9 FT					
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR		22.5 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 RT REF Not a Highway or Railroad		000 FT					
(56) MIN LAT UNDERCLEAR LT 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					
				CLASSIFICATION			
				(112)NBIS BRIDGE SYSTEM -	YES		
				(104)HIGHWAY SYSTEM Is not on NHS	0		
				(26) FUNCTIONAL CLASS - Major Collector	07		
				(100)STRAHNET HIGHWAY - Not a STRAHNET Route	0		
				(101)PARALLEL STRUCTURE - No Parallel Structure	N		
				(102)DIRECTION OF TRAFFIC - 2-way Traffic	2		
				(103)TEMPORARY STRUCTURE -			
				(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		
				CONDITION			
				(58) DECK	6		
				(59) SUPERSTRUCTURE	4		
				(60) SUBSTRUCTURE	5		
				(61) CHANNEL & CHANNEL PROTECTION	7		
				(62) CULVERTS	N		
				LOAD RATING AND POSTING			
				(31) DESIGN LOAD Unknown	0		
				(63) OPERATING RATING METHOD - Load Factor	1		
				(64) OPERATING RATING - HS-20	36		
				(65) INVENTORY RATING METHOD - Load Factor	1		
				(66) INVENTORY RATING - HS-12	21		
				(70) BRIDGE POSTING - Posting Required	3		
				(41) STRUCTURE OPEN, POSTED ,OR CLOSED	P		
				DESCRIPTION - Posted for Load			
				APPRAISAL			
				(67) STRUCTURAL EVALUATION	4		
				(68) DECK GEOMETRY	2		
				(69) UNDERCLEARANCES,VERTI & HORIZ	N		
				(71) WATERWAY ADEQUACY	7		
				(72) APPROACH ROADWAY ALIGNMENT	8		
				(36) TRAFFIC SAFETY FEATURES	0000		
				(113)SCOUR CRITICAL BRIDGES	5		
				PROPOSED IMPROVEMENTS			
				(75) TYPE OF WORK -	CODE		
				(76) LENGTH OF STRUCTURE IMPROVEMENT			
				(94) BRIDGE IMPROVEMENT COST			
				(95) ROADWAY IMPROVEMENT COST			
				(96) TOTAL PROJECT COST			
				(97) YEAR OF IMPROVEMENT COST ESTIMATE			
				(114)FUTURE ADT 6600	(115) YEAR FUTURE ADT	2025	
				INSPECTIONS			
				(90) INSPECTION DATE	05/12/2016		
				(92) CRITICAL FEATURE INSPECTION :	(93) CFI DATE		
				A) FRACTURE CRIT DETAIL - NO	A)		
				B) UNDERWATER INSP - NO	B)		
				C) OTHER SPECIAL INSP NO	C)		
				SCOUR			

BRIDGE MANAGEMENT UNIT

DATA ON EXISTING STRUCTURE

Run Date: 06/16/2016

COUNTY :	DIVISION :	DISTRICT :	STRUCTURE NUMBER :	LENGTH :	
ASHE	11	3	040023	33	FEET

ROUTE CARRIED :	FEATURE INTERSECTED :
NC194	OLD FIELD BRANCH

LOCATED :	BRIDGE NAME :	CITY :
100 FT.S.JCT.SR1353		

FUNC. CLASS :	SYST.ON :	SYST.UNDER :	ADT & YR :	RAIL TYPE :
07	FA	NFA	3300 2012	LT 253 RT 253

BUILT :	BY :	PROJ :	FED.AID PROJ :	DESIGN LOAD :
1963	SHC			Unknown

REHAB :	BY :	PROJ :	ALIGNMENT :	SKEW :	LANES :		
	BMU		TAN	90	ON 2	UNDER	0

NAVIGATION :			HT. CRN. TO BED :		WATER DEPTH :		
VC 0 FT	HC 0 FT		11 FT		1		FT

SUPERSTRUCTURE :	STEEL PLANK FLOOR ON I-BEAMS
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SUBSTRUCTURE :	REINFORCED CONCRETE ABUTMENTS
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SPANS :	1@ 33'-5
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BEAMS OR GIRDERS :	11 LINES 21 I-BEAMS @ 2' CENTERS
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FLOOR :	ENCROACHMENT :	DECK (OUT TO OUT) :
STL.PLK/5 AWS		23 FT

CLEAR ROADWAY :	BETWEEN RAILS :	SIDEWALK OR CURB :
22.5 FT	22.5 FT	LT 0 FT RT 0 FT

VERT.CL.OVER :
999.9 FT

INV.RTG. :	OPE.RTG. :	CONTR.MEMBER :	POSTED :	TTST	DATE
HS-12	HS-20	Ext.bms	SV 23	30	06/16/2016

SYSTEM :	GREEN LINE ROUTE :
Primary N.C. Route	Y

UNDER ROUTES AND CLEARANCES

REMARKS :

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 040023

County ASHE

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	34	BEAM (1) CORROSION F/L ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 8" H) WITH (+/- 1/16") LOSS	
 3314	Maintain Steel Superstructure Components	LF	11	BEAM (2) CORROSION AT ABUT. (A) BEAM END (+/- 11 LF) ALONG TOP AND BOTTOM FLANGES WITH (5/16") AVG REMAINING AND (3/8") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 6" H) WITH (+/- 1/16") LOSS	
 3314	Maintain Steel Superstructure Components	LF	11	BEAM (3) CORROSION AT ABUT. (A) BEAM END (+/- 11 LF) ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 6" H) WITH (+/- 1/16") LOSS	
 3314	Maintain Steel Superstructure Components	LF	10	BEAM (4) CORROSION AT ABUT. (A) BEAM END (+/- 10 LF) ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 8" H) WITH (+/- 1/16") LOSS	
 3314	Maintain Steel Superstructure Components	LF	15	BEAM (5) CORROSION AT ABUT. (A) BEAM END (+/- 15 LF) ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 5" H) WITH (+/- 1/16") LOSS	
 3314	Maintain Steel Superstructure Components	LF	9	BEAM (6) CORROSION AT ABUT. (A) BEAM END (+/- 9 LF) ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 5" H) WITH (+/- 1/16") LOSS. WITH (2") DIA. HOLE IN LEFT SIDE BOTTOM FLANGE	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 040023

County ASHE

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	6	BEAM (6) CORROSION AT ABUT. (B) BEAM END (+/- 6 LF) ALONG TOP AND BOTTOM FLANGES WITH (3/8") AVG REMAINING AND (1/8") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 5" H) WITH (+/- 1/16") LOSS.	
 3314	Maintain Steel Superstructure Components	LF	9	BEAM (7) CORROSION AT ABUT. (A) BEAM END (+/- 9 LF) ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 5" H) WITH (+/- 1/16") LOSS.	
 3314	Maintain Steel Superstructure Components	LF	15	BEAM (8) CORROSION AT ABUT. (A) BEAM END (+/- 15 LF) ALONG TOP AND BOTTOM FLANGES WITH (3/16") AVG REMAINING AND (5/16") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 6" H) WITH (+/- 1/16") LOSS.	
 3314	Maintain Steel Superstructure Components	LF	7	BEAM (8) CORROSION AT ABUT. (B) BEAM END (+/- 7 LF) ALONG TOP AND BOTTOM FLANGES WITH (3/8") AVG REMAINING AND (1/8") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 7" H) WITH (+/- 1/16") LOSS.	
 3314	Maintain Steel Superstructure Components	LF	12	BEAM (9) CORROSION AT ABUT. (A) BEAM END (+/- 12 LF) ALONG TOP AND BOTTOM FLANGES WITH (3/8") AVG REMAINING AND (1/8") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 6" H) WITH (+/- 1/16") LOSS.	
 3314	Maintain Steel Superstructure Components	LF	34	BEAM (10) CORROSION F/L ALONG TOP AND BOTTOM FLANGES WITH (3/8") AVG REMAINING AND (1/8") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 4" H) WITH (+/- 1/16") LOSS	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 040023

County ASHE

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	34	BEAM (11) CORROSION F/L ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 5" H) WITH (+/- 1/16") LOSS	
 3322	Maint to Steel Handrail	LF	1	RIGHT RAIL POST BLOCK (1) CORROSION TO TOP AND BOTTOM FLANGES WITH (3/16") AVG REMAINING AND (3/16") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS	
 3322	Maint to Steel Handrail	LF	1	RIGHT RAIL POST BLOCK (2) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/8") AVG REMAINING AND (1/4") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS	
 3322	Maint to Steel Handrail	LF	1	RIGHT RAIL POST BLOCK (3) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS	
 3322	Maint to Steel Handrail	LF	1	RIGHT RAIL POST BLOCK (4) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS	
 3322	Maint to Steel Handrail	LF	1	RIGHT RAIL POST BLOCK (5) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS	
 3322	Maint to Steel Handrail	LF	1	RIGHT RAIL POST BLOCK (6) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 040023

County ASHE

Date:

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3322	Maint to Steel Handrail	LF	1	LEFT RAIL POST BLOCK (1) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS	
 3322	Maint to Steel Handrail	LF	1	LEFT RAIL POST BLOCK (2) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS	
 3322	Maint to Steel Handrail	LF	1	LEFT RAIL POST BLOCK (3) CORROSION TO TOP FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS	
 3322	Maint to Steel Handrail	LF	1	LEFT RAIL POST BLOCK (4) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/8") AVG REMAINING AND (1/4") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS	
 3322	Maint to Steel Handrail	LF	1	LEFT RAIL POST BLOCK (5) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/8") AVG REMAINING AND (1/4") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS. (3") DIA. HOLE IN WEB	
 3322	Maint to Steel Handrail	LF	1	LEFT RAIL POST BLOCK (6) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS	
 3352	Maint Slope Protection	SF	10	EROSION ALONG LEFT END ABUT. (A) SHOULDER (+/- 5' L X 2' H X 2' D) AND EXTENDS (+/- 6") UNDER EDGE OF WEARING SURFACE	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 040023

County ASHE

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	34 LF
Location:		
Beams and Girders	Bent/Span No. 1	BEAM (1)
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
05/12/2016	ANDREW GLASCO	MAX FORD
Details		
BEAM (1) CORROSION F/L ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 8" H) WITH (+/- 1/16") LOSS		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	11 LF
Location:		
Beams and Girders	Bent/Span No. 1	BEAM (2)
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
05/12/2016	ANDREW GLASCO	MAX FORD
Details		
BEAM (2) CORROSION AT ABUT. (A) BEAM END (+/- 11 LF) ALONG TOP AND BOTTOM FLANGES WITH (5/16") AVG REMAINING AND (3/8") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 6" H) WITH (+/- 1/16") LOSS		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 040023

County ASHE

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	11 LF
Location:		
Beams and Girders	Bent/Span No. 1	BEAM (3)
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
05/12/2016	ANDREW GLASCO	MAX FORD
Details		
BEAM (3) CORROSION AT ABUT. (A) BEAM END (+/- 11 LF) ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 6" H) WITH (+/- 1/16") LOSS		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	10 LF
Location:		
Beams and Girders	Bent/Span No. 1	BEAM (4)
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
05/12/2016	ANDREW GLASCO	MAX FORD
Details		
BEAM (4) CORROSION AT ABUT. (A) BEAM END (+/- 10 LF) ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 8" H) WITH (+/- 1/16") LOSS		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 040023

County ASHE

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	15 LF
Location:		
Beams and Girders	Bent/Span No. 1	BEAM (5)
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
05/12/2016	ANDREW GLASCO	MAX FORD
Details		
BEAM (5) CORROSION AT ABUT. (A) BEAM END (+/- 15 LF) ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 5" H) WITH (+/- 1/16") LOSS		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	9 LF
Location:		
Beams and Girders	Bent/Span No. 1	BEAM (6)
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
05/12/2016	ANDREW GLASCO	MAX FORD
Details		
BEAM (6) CORROSION AT ABUT. (A) BEAM END (+/- 9 LF) ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 5" H) WITH (+/- 1/16") LOSS. WITH (2") DIA. HOLE IN LEFT SIDE BOTTOM FLANGE		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 040023

County ASHE

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	6 LF
Location:		
Beams and Girders	Bent/Span No. 1	BEAM (6)
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
05/12/2016	ANDREW GLASCO	MAX FORD
Details		
BEAM (6) CORROSION AT ABUT. (B) BEAM END (+/- 6 LF) ALONG TOP AND BOTTOM FLANGES WITH (3/8") AVG REMAINING AND (1/8") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 5" H) WITH (+/- 1/16") LOSS.		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	9 LF
Location:		
Beams and Girders	Bent/Span No. 1	BEAM (7)
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
05/12/2016	ANDREW GLASCO	MAX FORD
Details		
BEAM (7) CORROSION AT ABUT. (A) BEAM END (+/- 9 LF) ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 5" H) WITH (+/- 1/16") LOSS.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 040023

County ASHE

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	15 LF
Location:		
Beams and Girders	Bent/Span No. 1	BEAM (8)
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
05/12/2016	ANDREW GLASCO	MAX FORD
Details		
BEAM (8) CORROSION AT ABUT. (A) BEAM END (+/- 15 LF) ALONG TOP AND BOTTOM FLANGES WITH (3/16") AVG REMAINING AND (5/16") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 6" H) WITH (+/- 1/16") LOSS.		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	7 LF
Location:		
Beams and Girders	Bent/Span No. 1	BEAM (8)
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
05/12/2016	ANDREW GLASCO	MAX FORD
Details		
BEAM (8) CORROSION AT ABUT. (B) BEAM END (+/- 7 LF) ALONG TOP AND BOTTOM FLANGES WITH (3/8") AVG REMAINING AND (1/8") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 7" H) WITH (+/- 1/16") LOSS.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 040023

County ASHE

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	12 LF
Location:		
Beams and Girders	Bent/Span No. 1	BEAM (9)
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
05/12/2016	ANDREW GLASCO	MAX FORD
Details		
BEAM (9) CORROSION AT ABUT. (A) BEAM END (+/- 12 LF) ALONG TOP AND BOTTOM FLANGES WITH (3/8") AVG REMAINING AND (1/8") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 6" H) WITH (+/- 1/16") LOSS.		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	34 LF
Location:		
Beams and Girders	Bent/Span No. 1	BEAM (10)
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
05/12/2016	ANDREW GLASCO	MAX FORD
Details		
BEAM (10) CORROSION F/L ALONG TOP AND BOTTOM FLANGES WITH (3/8") AVG REMAINING AND (1/8") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 4" H) WITH (+/- 1/16") LOSS		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 040023

County ASHE

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	34 LF
Location:		
Beams and Girders	Bent/Span No. 1	BEAM (11)
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
05/12/2016	ANDREW GLASCO	MAX FORD
Details		
BEAM (11) CORROSION F/L ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 5" H) WITH (+/- 1/16") LOSS		

MMS Code	MMS Description	Quantity
3322	Maint to Steel Handrail	1 LF
Location:		
Right Rail	Bent/Span No. 1	POST BLOCK (1)
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
05/12/2016	ANDREW GLASCO	MAX FORD
Details		
RIGHT RAIL POST BLOCK (1) CORROSION TO TOP AND BOTTOM FLANGES WITH (3/16") AVG REMAINING AND (3/16") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 040023

County ASHE

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

MMS Code	MMS Description	Quantity
3322	Maint to Steel Handrail	1 LF
Location:		
Right Rail	Bent/Span No. 1	POST BLOCK (2)
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
05/12/2016	ANDREW GLASCO	MAX FORD
Details		
RIGHT RAIL POST BLOCK (2) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/8") AVG REMAINING AND (1/4") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS		

MMS Code	MMS Description	Quantity
3322	Maint to Steel Handrail	1 LF
Location:		
Right Rail	Bent/Span No. 1	POST BLOCK (3)
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
05/12/2016	ANDREW GLASCO	MAX FORD
Details		
RIGHT RAIL POST BLOCK (3) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 040023

County ASHE

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

MMS Code	MMS Description	Quantity
3322	Maint to Steel Handrail	1 LF
Location:		
Right Rail	Bent/Span No. 1	POST BLOCK (4)
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
05/12/2016	ANDREW GLASCO	MAX FORD
Details		
RIGHT RAIL POST BLOCK (4) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS		

MMS Code	MMS Description	Quantity
3322	Maint to Steel Handrail	1 LF
Location:		
Right Rail	Bent/Span No. 1	POST BLOCK (5)
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
05/12/2016	ANDREW GLASCO	MAX FORD
Details		
RIGHT RAIL POST BLOCK (5) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 040023

County ASHE

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

MMS Code	MMS Description	Quantity
3322	Maint to Steel Handrail	1 LF
Location:		
Right Rail	Bent/Span No. 1	POST BLOCK (6)
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
05/12/2016	ANDREW GLASCO	MAX FORD
Details		
RIGHT RAIL POST BLOCK (6) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS		

MMS Code	MMS Description	Quantity
3322	Maint to Steel Handrail	1 LF
Location:		
Left Rail	Bent/Span No. 1	POST BLOCK (1)
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
05/12/2016	ANDREW GLASCO	MAX FORD
Details		
LEFT RAIL POST BLOCK (1) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 040023

County ASHE

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

MMS Code	MMS Description	Quantity
3322	Maint to Steel Handrail	1 LF
Location:		
Left Rail	Bent/Span No. 1	POST BLOCK (2)
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
05/12/2016	ANDREW GLASCO	MAX FORD
Details		
LEFT RAIL POST BLOCK (2) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS		

MMS Code	MMS Description	Quantity
3322	Maint to Steel Handrail	1 LF
Location:		
Left Rail	Bent/Span No. 1	POST BLOCK (3)
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
05/12/2016	ANDREW GLASCO	MAX FORD
Details		
LEFT RAIL POST BLOCK (3) CORROSION TO TOP FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 040023

County ASHE

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

MMS Code	MMS Description	Quantity
3322	Maint to Steel Handrail	1 LF
Location:		
Left Rail	Bent/Span No. 1	POST BLOCK (4)
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
05/12/2016	ANDREW GLASCO	MAX FORD
Details		
LEFT RAIL POST BLOCK (4) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/8") AVG REMAINING AND (1/4") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS		

MMS Code	MMS Description	Quantity
3322	Maint to Steel Handrail	1 LF
Location:		
Left Rail	Bent/Span No. 1	POST BLOCK (5)
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
05/12/2016	ANDREW GLASCO	MAX FORD
Details		
LEFT RAIL POST BLOCK (5) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/8") AVG REMAINING AND (1/4") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS. (3") DIA. HOLE IN WEB		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 040023

County ASHE

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

MMS Code	MMS Description	Quantity
3322	Maint to Steel Handrail	1 LF
Location:		
Left Rail	Bent/Span No. 1	POST BLOCK (6)
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
05/12/2016	ANDREW GLASCO	MAX FORD
Details		
LEFT RAIL POST BLOCK (6) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS		

MMS Code	MMS Description	Quantity
3352	Maint Slope Protection	10 SF
Location:		
Slope	Bent/Span No. 1	SOUTH WEST APPROACH SHOULDER
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
05/12/2016	ANDREW GLASCO	MAX FORD
Details		
EROSION ALONG LEFT END ABUT. (A) SHOULDER (+/- 5' L X 2' H X 2' D) AND EXTENDS (+/- 6") UNDER EDGE OF WEARING SURFACE		



EROSION ALONG LEFT END ABUT. (A) SHOULDER (+/- 5' L X 2' H X 2' D) AND EXTENDS (+/- 6") UNDER EDGE OF WEARING SURFACE



BEAM (1) CORROSION F/L ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION. EXTENDS INTO LOWER PORTION OF WEB (+/- 8" H)



BEAM (2) CORROSION AT ABUT. (A) BEAM END (+/- 11 LF) ALONG TOP AND BOTTOM FLANGES WITH (5/16") AVG REMAINING AND (3/8") LOSS OF SECTION.



BEAM (3) CORROSION AT ABUT. (A) BEAM END (+/- 11 LF) ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION.



BEAM (4) CORROSION AT ABUT. (A) BEAM END (+/- 10 LF) ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION.



BEAM (5) CORROSION AT ABUT. (A) BEAM END (+/- 15 LF) ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION.



BEAM (6) CORROSION AT ABUT. (A) BEAM END (+/- 9 LF) ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION.



BEAM (6) CORROSION AT ABUT. (B) BEAM END (+/- 6 LF) ALONG TOP AND BOTTOM FLANGES WITH (3/8") AVG REMAINING AND (1/8") LOSS OF SECTION.



BEAM (7) CORROSION AT ABUT. (A) BEAM END (+/- 9 LF) ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION.



BEAM (8) CORROSION AT ABUT. (A) BEAM END (+/- 15 LF) ALONG TOP AND BOTTOM FLANGES WITH (3/16") AVG REMAINING AND (5/16") LOSS OF SECTION.



BEAM (8) CORROSION AT ABUT. (B) BEAM END (+/- 7 LF) ALONG TOP AND BOTTOM FLANGES WITH (3/8") AVG REMAINING AND (1/8") LOSS OF SECTION.



BEAM (9) CORROSION AT ABUT. (A) BEAM END (+/- 12 LF) ALONG TOP AND BOTTOM FLANGES WITH (3/8") AVG REMAINING AND (1/8") LOSS OF SECTION.



BEAM (10) CORROSION F/L ALONG TOP AND BOTTOM FLANGES WITH (3/8") AVG REMAINING AND (1/8") LOSS OF SECTION.



BEAM (11) CORROSION F/L ALONG TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/4") LOSS OF SECTION.



RIGHT RAIL POST BLOCK (1) CORROSION TO TOP AND BOTTOM FLANGES WITH (3/16") AVG REMAINING AND (3/16") LOSS OF SECTION.



RIGHT RAIL POST BLOCK (2) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/8") AVG REMAINING AND (1/4") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS



RIGHT RAIL POST BLOCK (3) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS



RIGHT RAIL POST BLOCK (4) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS



RIGHT RAIL POST BLOCK (5) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS



RIGHT RAIL POST BLOCK (6) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS



LEFT RAIL POST BLOCK (1) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS



LEFT RAIL POST BLOCK (2) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS



LEFT RAIL POST BLOCK (3) CORROSION TO TOP FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS



LEFT RAIL POST BLOCK (4) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/8") AVG REMAINING AND (1/4") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS



LEFT RAIL POST BLOCK (5) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/8") AVG REMAINING AND (1/4") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS.

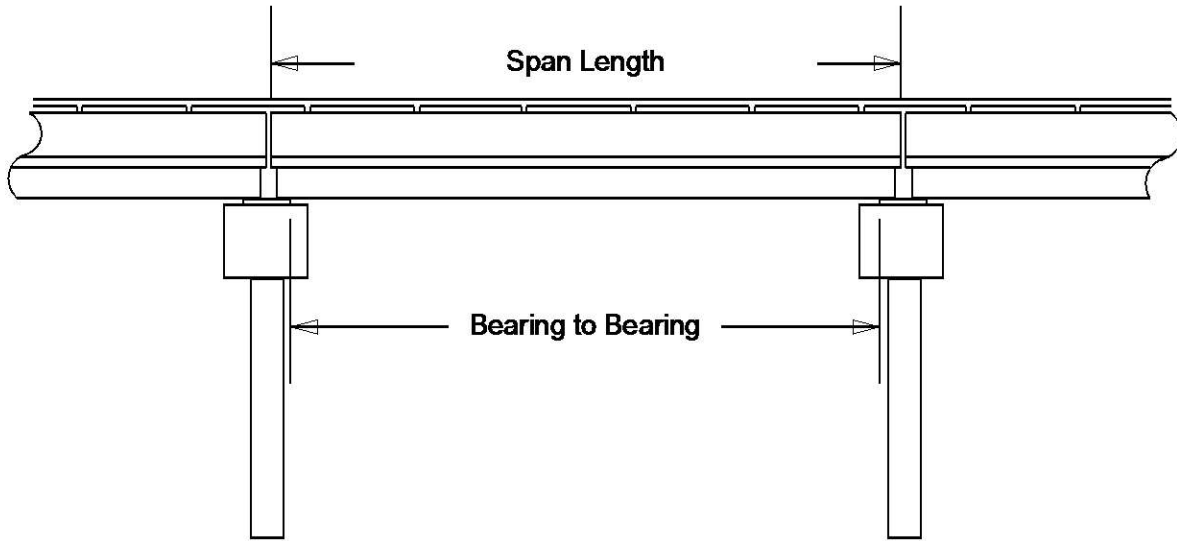


LEFT RAIL POST BLOCK (6) CORROSION TO TOP AND BOTTOM FLANGES WITH (1/4") AVG REMAINING AND (1/8") LOSS OF SECTION. CORROSION TO WEB WITH (1/16") LOSS

Structure Data Worksheet

Spans

County: ASHE Structure No: 040023 Date: Inspected By: AG



Span No	Span Length	Bearing to Bearing	Comments
1	33' 5"	31' 5"	FACE OF ABUT. CAP TO FACE OF ABUT. CAP = 30.2'

Stream Bed Soundings

(See next sheet for profile sketch)

Bridge No: 040023 County: ASHE Date: By: AG

Record sounding from top of rail. Other location if needed: _____

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	TOP OF RAIL			
0	2.5	TOP OF FF			
0.4	2.5	TOP OF FF			
0.41	11	FACE OF ABUTMENT			
2	11.5	DROP	2	11.4	FACE OF ABUTMENT
7	12.9	WS WE			
13	13.2	BED			
19	12.9	WS WE			
31	7.4	FACE OF ABUTMENT	31	8.5	FACE OF ABUTMENT
31.01	2.5	TOP OF FF			
33.5	2.5	TOP OF FF			
33.51	0	TOP OF RAIL			

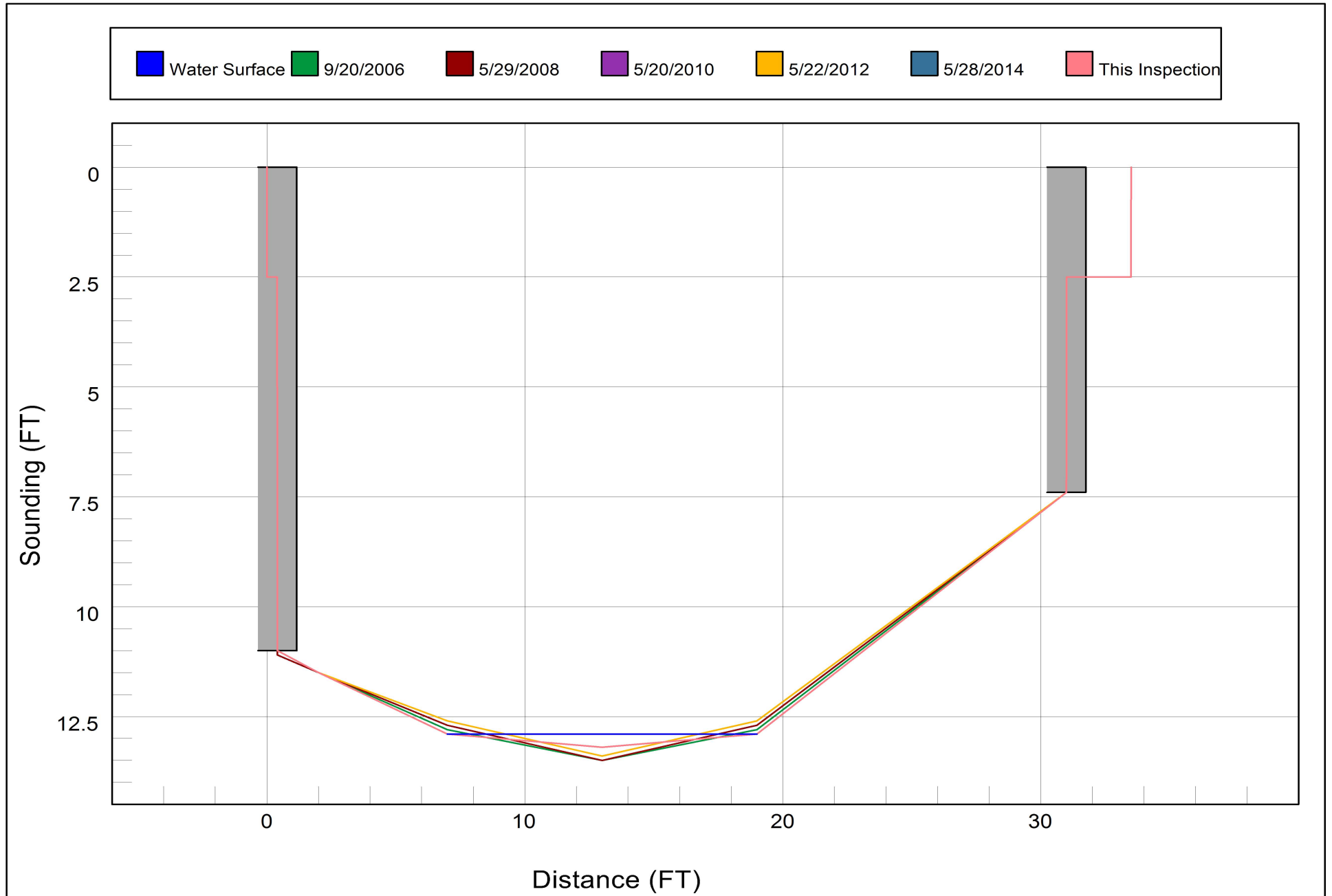
Bridge: 040023

County ASHE

Date:

STREAMBED PROFILE (Downstream)

Top of Rail = 0 FT (Sounding)



Bridge Inspection Field Sketch

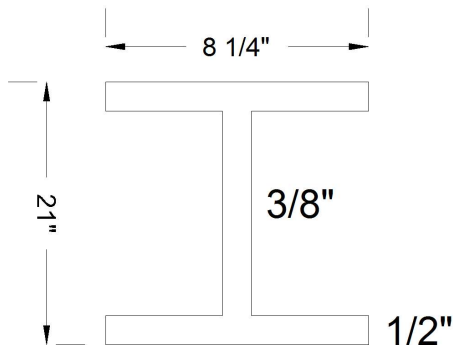
VERIFIED 5/12/2016 A. GLASCO, M. FORD

SIDEWALK RT. SIDE, NOT ATTACHED

Deck Width/Out to Out	23.0ft	Wearing Surface	0.417ft
Between Rails	22.500ft	Median Width	
Curb Height		Median Height	
Top Rail to Deck/Wearing Surface	2.167ft	Left Guardrail Width	
Clear Roadway	22.500ft	Right Guardrail Width	
Left Bridge Rail	Type 25	Right Bridge Rail	Type 25

Measurements for Span #	1		
Deck Thickness	0.167	Left Overhang	1.500
Top of Rail to Bottom of Beam	4.500	Right Overhang	1.500

Beam No	Beam Type	Spacing	Comments
1	Steel I Beam	2.00ft	
2	Steel I Beam	2.00ft	
3	Steel I Beam	2.00ft	
4	Steel I Beam	2.00ft	
5	Steel I Beam	2.00ft	
6	Steel I Beam	2.00ft	
7	Steel I Beam	2.00ft	
8	Steel I Beam	2.00ft	
9	Steel I Beam	2.00ft	
10	Steel I Beam	2.00ft	
11	Steel I Beam		



2 5/8" X 10" DIAPH. @ MID-SPAN

Title

SUPER

Description

SUPER

Bridge No: 040023

Drawn By: DCW

Date: 05/29/2008

File Name: S0126000839

Bridge Inspection Field Sketch

VERIFIED 5/12/2016 A. GLASCO, M. FORD



Roadway	20ft Wide	2 Paved Lanes	Looking South
Left Shoulder	2ft Wide		2ft Unpaved
Right Shoulder	10ft Wide		10ft Unpaved
Left Guardrail			
Right Guardrail			

Title

APPR. ROADWAY

Description

APPROACH ROADWAY

Bridge No: 040023

Drawn By: G.R.R.

Date: 05/29/2008

File Name: S0130000845

Bridge Inspection Field Sketch

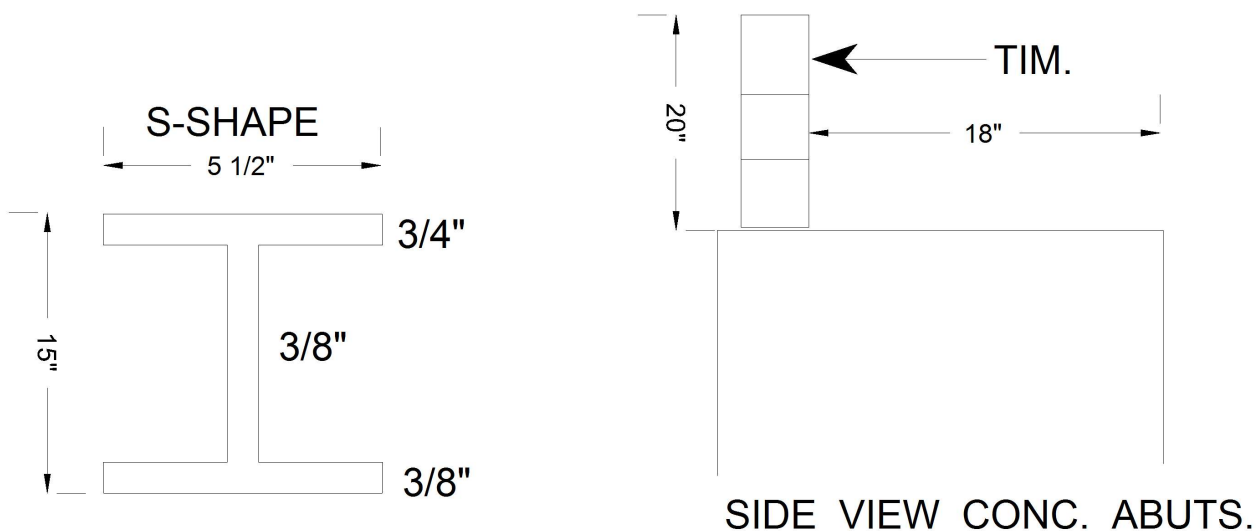
SKETCH NOT NEEDED

Deck Width/Out to Out	6.0ft	Wearing Surface	
Between Rails	5.583ft	Median Width	
Curb Height	0.500ft	Median Height	
Top Rail to Deck/Wearing Surface	2.583ft	Left Guardrail Width	
Clear Roadway	5.00ft	Right Guardrail Width	
Left Bridge Rail	Type 22	Right Bridge Rail	Type 22

Measurements for Span #	1		
Deck Thickness	0.312	Left Overhang	0.917
Top of Rail to Bottom of Beam	4.500	Right Overhang	0.917

Beam No	Beam Type	Spacing	Comments
1	Steel I Beam	4 ft. 2 in.	
2	Steel I Beam		

**WALKWAY NOT ATTACHED TO RT. SIDE OF BRIDGE
INDEPENDENT STRUCTURE**



Title

VOID 1

Description

SIDEWALK RT. SIDE

VERIFIED 5/28/14 JCH

Bridge No: 040023

Drawn By: DCW

Date: 05/31/2006

File Name: S0126000840

Bridge Inspection Field Sketch

SKETCH NOT NEEDED

WALKWAY @ AB 2 ONLY

Abutment #	2		
Cap - Beam Type (Wood or Steel)			
Cap Size	6ft Long	.959ft Wide	0.833ft High
Left Overhang	0.917ft	Lt Cap/Beam Overhang	.833ft
Right Overhang	1ft	Rt Cap/Beam Overhang	.917ft
Sill - Sill			
Sill Size			

Pile #	Material	Pile Type	Spacing	Length	Width/Diam.	Height	Orientation
1	Wood or Timber	Post and Sills	4' 1"		10"	10"	Batter Pile
2	Wood or Timber	Post and Sills			10"	10"	Batter Pile

VERIFIED 5/28/14 JCH

Title

VOID 2

Description

SUB AB 2 WALKWAY

Bridge No: 040023

Drawn By: G.R.R.

Date: 05/29/2008

File Name: S0130000846