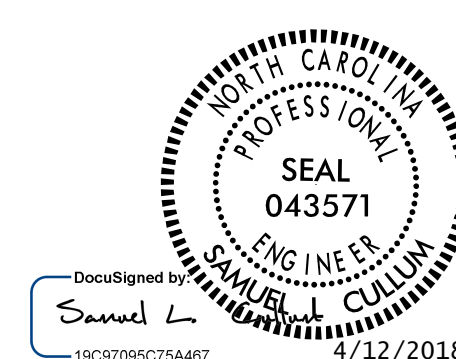


Brunswick #14										As-Built Quantities		Brunswick #14										As-Built Quantities	
Span #	Component	Location (ft. from nearest bent, etc)	Bent #	Amount	Defect Description	Length(ft.)	Width(ft.)	Depth(ft.)	Actual (C.F.)	Actual Depth (ft.)	Span #	Component	Location (ft. from nearest bent, etc)	Bent #	Amount	Defect Description	Length(ft.)	Width(ft.)	Depth(ft.)	Actual (C.F.)	Actual Depth (ft.)		
51	Beam	3 West face, 11' from Bent	51	2	Cracking	2					52	Concrete Deck	Transverse cracks, at random throughout deck underside		1	Efflorescence	0.75	0.75					
51	Beam	3 Bottom of beam, at 1/4 points		6	Exposed Rebar	1.5	1.5				52	Beam	1 at random throughout bottom of beam		3	Exposed Rebar	0.75	0.75					
51	Beam	3 at random throughout bottom of beam		6	Exposed Rebar	1	1				52	Beam	3 North face at Bent		2	Unsound Patch	1.25	0.75					
51	Beam	4 Vertical cracks, West face, starts 10' from Bent	50	3	Cracking	1.75					52	Beam	3 with exposed reinforcing, bottom of beam, 1' from Bent	52	1	Spall	0.75	1					
51	Beam	4 with exposed reinforcing, bottom of beam, 15' from Bent	50	1	Spall	1.5	1.5				52	Beam	4 with exposed reinforcing, bottom of beam, 2' from Bent	52	1	Spall	1	1.25					
51	Beam	4 with exposed strand, East face, 11' from Bent	50	1	Spall	1.25	1.25				52	Beam	6 at random throughout bottom of beam		14	Exposed Rebar	0.75	0.75					
51	Beam	4 East face, 12' from Bent	51	1	Unsound Patch	1.25	1				52	Beam	7 with exposed reinforcing, bottom of beam at mid-span		1	Spall	1	1.5					
51	Beam	4 East & West face, 11' from Bent	51	2	Cracking	1.5					52	Beam	8 with exposed reinforcing, bottom of beam, 2' from Bent	52	1	Spall	1	1.25					
51	Beam	4 Bottom of beam, at 1/4 points		6	Exposed Rebar	1.5	1.5				52	Beam	8 at random throughout bottom of beam		10	Exposed Rebar	0.75	0.75					
51	Beam	4 Bottom of beam, 25' from Bent	50	1	Exposed Rebar	1	1				53	Lt. Deck Overhang	with exposed reinforcing, deck underside, at Bent	52	1	Spall	1.5	2					
51	Beam	5 Longitudinal crack, East & West faces, starts 10' from Bent	50	1	Cracking	1.5					53	Rt. Deck Overhang	with exposed reinforcing, deck underside, 25' from Bent	52	1	Spall	1.75	1.5					
51	Beam	5 with exposed reinforcing, 12' from Bent	50	1	Spall	1	2				53	Concrete Deck	Deck underside, 3' from Bent	52	1	Delam	1.5	1.5					
51	Beam	5 with exposed strand, East face, 11' from Bent	51	1	Spall	1	1.25	0.75			53	Beam	1 West face at Bent	52	1	Unsound Patch	0.75	1.25					
51	Beam	5 East face, starts 12' from Bent	51	1	Unsound Patch	2.75	1				53	Beam	1 East face at Bent	52	1	Unsound Patch	1	1.5					
51	Beam	5 West face, 11' from Bent	51	1	Cracking	2					53	Beam	1 East face at Bent	53	1	Unsound Patch	1	1.25					
51	Beam	5 Bottom of beam, at 1/4 points		6	Exposed Rebar	1.5	1.5				53	Beam	2 with exposed reinforcing, bottom of beam, 1' from Bent	53	1	Spall	1.25	1.5					
51	Beam	6 with exposed strand, East & West faces, 11' from Bent	51	2	Spall	1	1.25	1			53	Beam	2 with exposed strand, South face at Bent	52	1	Spall	1.25	1.25					
51	Beam	6 with exposed reinforcing, West face, 15' from Bent	50	1	Spall	1	1.5				53	Beam	2 West face at Bent	52	1	Delam	1.5	1.5					
51	Beam	6 with exposed strand, West face, 11' from Bent	50	1	Spall	1	0.75	0.5			53	Beam	3 with exposed strand, West face at Bent	52	1	Spall	1	1.25	0.5				
51	Beam	6 South face, 12' from Bent	50	1	Unsound Patch	2.75	1.5				53	Beam	3 Bottom of beam, 1' from Bent	52	1	Delam	1.5	1.5					
51	Beam	6 with exposed reinforcing, North face, 12' from Bent	51	1	Unsound Patch	2.75	1				53	Beam	5 with exposed strand, South face at Bent	52	2	Spall	1.5	1.5					
51	Beam	6 East & West faces, 10' from Bent	50	2	Cracking	2					53	Beam	5 with exposed reinforcing, 1' from Bent	53	1	Spall	0.75	1.25					
51	Beam	6 Longitudinal crack, West face, starts at Bent	50	1	Cracking	8.5					53	Beam	6 East face, 30' from Bent	53	1	Unsound Patch	1	1					
51	Beam	6 Bottom of beam, at 1/4 points		6	Exposed Rebar	1.5	1.5				53	Beam	6 Bottom of beam, 25' from Bent	52	1	Delam	2.5	1					
51	Beam	7 Diagonal crack, East face, 10' from Bent	50	1	Cracking	1.75					54	Beam	1 East face at Bent	53	1	Unsound Patch	1	1.5					
51	Beam	7 with exposed reinforcing, bottom of beam, 14' from Bent	50	2	Spall	1	1				54	Beam	1 West face, 30' from Bent	54	1	Unsound Patch	1	1					
51	Beam	7 with exposed strand, East & West faces, 11' from Bent	50	2	Spall	1	1.25	0.75			54	Beam	1 Bottom of beam at Bent	54	1	Spall	1	1					
51	Beam	7 South face, 12' from Bent	50	1	Unsound Patch	1.75	1				54	Beam	1 Bottom of beam, near mid-span		2	Exposed Prestressing	1.5	1.5					
51	Beam	7 North face, 12' from Bent	51	1	Unsound Patch	2.75	1.5				54	Beam	2 West face at Bent	53	1	Unsound Patch	1	1.25					
51	Beam	7 East & West face, 10' from Bent	51	1	Cracking	2					54	Beam	2 East face at Bent	54	1	Unsound Patch	1	1.25					
51	Beam	7 Bottom of beam, at 1/4 points		6	Exposed Rebar	1.5	1.5				54	Beam	2 Longitudinal crack, East face, starts 4' from Bent	54	1	Cracking	5.5						
51	Beam	8 Longitudinal cracks, East face, starts 8' from Bent	51	3	Cracking	2.25					54	Beam	2 Bottom of beam, near mid-span		2	Exposed Rebar	1.5	1.5					
51	Beam	8 Longitudinal cracks, East face, starts 12' from Bent	51	3	Cracking	2.75					54	Beam	2 Bottom of beam, 1' from Bent	54	1	Exposed Rebar	0.75	0.75					
51	Beam	8 Diagonal cracks, East face, starts 8' from Bent	50	1	Cracking	4.5					54	Beam	3 East & West face at Bent	53	1	Unsound Patch	0.75	1.25					
51	Beam	8 with exposed strand, East & west faces, 11' from Bent	51	2	Spall	1.25	1.25	0.75			54	Beam	3 Bottom of beam, near mid-span		2	Exposed Rebar	1.5	1.5					
51	Beam	8 with exposed reinforcing, East face, 4' from Bent	51	3	Spall	2	1.25				54	Beam	3 Bottom of beam, 1' from Bent	54	1	Exposed Rebar	0.75	0.75					
51	Beam	8 with exposed reinforcing, West face, 5' from Bent	51	1	Spall	1.5	0.75				54	Beam	4 with exposed reinforcing, bottom of beam, 1' from Bent	54	2	Spall	0.75	2.25					
51	Beam	8 with exposed reinforcing, East face, 3' from Bent	51	1	Spall	1.5	1.25				54	Beam	4 with exposed strand, East face at Bent	53	1	Spall	1.75	1	0.5				
51	Beam	8 with exposed strand, West face, 12' from Bent	50	1	Spall	1	0.75	0.5			54	Beam	4 East face at Bent	54	1	Unsound Patch	1	1.5					
51	Beam	8 with exposed strand, South face, 12' from Bent	50	1	Unsound Patch	2.75	1.5				54	Beam	4 Bottom of beam, near mid-span		4	Exposed Rebar	1	1					
51	Beam	8 with exposed reinforcing, North face, 12' from Bent	51	1	Unsound Patch	2.75	1.5				54	Beam	5 West face at Bent	54	1	Unsound Patch	0.75	1.5					
51	Beam	8 Diagonal cracks, East & West face, 10' from Bent	50	2	Cracking	2					54	Beam	5 East face at Bent	54	1	Unsound Patch	1	1.5					
51	Beam	8 Longitudinal cracks, East face, 13' from Bent	50	2	Cracking	2.25					54	Beam	5 West face at Bent	53	1	Unsound Patch	1	1.25					
51	Beam	8 Longitudinal crack, East face, starts 4' from Bent	50	1	Cracking	3.5					54	Beam	5 Bottom of beam, near mid-span		2	Exposed Rebar	1.5	1.5					
51	Beam	8 Bottom of beam, at 1/4 points		6	Exposed Rebar	1.5	1.5				54	Beam	5 East face, 4' from Bent	54	1	Exposed Rebar	0.75	1.5					
52	Rt. Deck Overhang	with exposed reinforcing, deck underside, near mid-span		1	Spall	1.5	1.5				54	Beam	5 Bottom of beam, 3' from Bent	53	1	Exposed Rebar	0.75	0.75					
52	Lt. Deck Overhang	Deck underside, at random throughout		3	Delam	2	2				54	Beam	6 West face at Bent	53	1	Unsound Patch	1	1.5					
52	Rt. Deck Overhang	Deck underside, 30' from Bent	51	1	Delam	1.5	1.5				54	Beam	6 Bottom of beam, near mid-span		2	Exposed Rebar	1.5	1.5					
52	Rt. Deck Overhang	Deck underside, at random throughout	51	3	Efflorescence	2.5					55	Beam	1 with exposed reinforcing, bottom of beam at Bent	55	1	Spall	1	1.25					
52	Lt. Deck Overhang	Deck underside, 18' from Bent	51	1	Efflorescence	2					55	Beam	2 East face at Bent	54	1	Unsound Patch	1	1.5					

PROJECT NO. 15BPR.25  
 BRUNSWICK COUNTY  
 BRIDGE NO. 14

SHEET 4 OF 6



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**SUPERSTRUCTURE DEFICIENCIES**

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			S-106
2			4			TOTAL SHEETS 111

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

**NOTES:**

ALL DEFECTS WERE TAKEN FROM THE 2017 BRIDGE INSPECTION REPORT.

**KCA** 4800 SIX FORKS ROAD SUITE 120  
 KISINGER CAMPO & ASSOCIATES RALEIGH, NC 27609  
 (919) 882-7839

DRAWN BY : AARON J. MCMILLAN DATE : 03-2018  
 CHECKED BY : JACOB H. DUKE DATE : 03-2018  
 DESIGN ENGINEER OF RECORD : SAMUEL L. CULLUM DATE : 03-2018