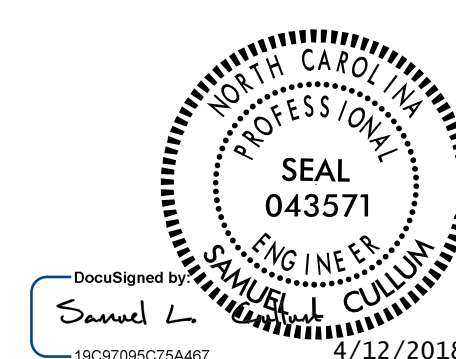


Brunswick #14										As-Built Quantities		Brunswick #14										As-Built Quantities	
Span #	Component	Location (ft. from nearest bent, etc)		Bent #	Amount	Defect Description	Length(ft.)	Width(ft.)	Depth(ft.)	Actual (C.F.)	Actual Depth (ft.)	Span #	Component	Location (ft. from nearest bent, etc)		Bent #	Amount	Defect Description	Length(ft.)	Width(ft.)	Depth(ft.)	Actual (C.F.)	Actual Depth (ft.)
46	Beam	6	South face at Bent	46	1	Spall	0.75	1.25				50	Lt. Deck Overhang	Deck underside, at random throughout			3	Delam	2	1.5			
46	Beam	6	Bottom of beam at mid-span		4	Exposed Rebar	1	1				50	Rt. Deck Overhang	Deck underside, at random throughout			5	Delam	2	2			
46	Beam	6	at random throughout East & West faces of beam		6	Exposed Rebar	1.5	1.5				50	Concrete Deck	at random throughout			1	Efflorescence	7.75				
47	Beam	1	at random throughout West faces		22	Exposed Rebar	1.5	1.5				50	Beam	1	with exposed reinforcing, East face at Bent	49	1	Spall	0.75	0.75			
47	Beam	1	Bottom of beam at mid-span		3	Exposed Rebar	1	1				50	Beam	1	with exposed reinforcing, bottom of beam, 5' from Bent	50	1	Spall	1	1			
47	Beam	2	Bottom of beam at Bent	46	1	Spall	1.25	1				50	Beam	2	with exposed reinforcing, bottom of beam, 25' from Bent	50	1	Spall	1	1.25			
47	Beam	2	Bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25				50	Beam	2	with exposed reinforcing, West face, 2' from Bent	49	2	Spall	0.75	0.75			
47	Beam	2	at random throughout West face		4	Exposed Rebar	1.5	1.5				50	Beam	2	at random throughout bottom of beam		8	Exposed Rebar	1	1			
47	Beam	3	Bottom of beam, 2' from Bent	47	1	Exposed Rebar	1.5	1.5				50	Beam	3	with exposed reinforcing, beam end at Bent	49	1	Spall	0.75	1.5	0.5		
47	Beam	3	Bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25				50	Beam	3	Bottom of beam, at 1/4 points		9	Exposed Rebar	1	1			
47	Beam	3	at random throughout East & West faces of beam		8	Exposed Rebar	1.5	1.5				50	Beam	4	with exposed strand, beam end at Bent	49	1	Spall	0.75	1	0.75		
47	Beam	3	East face, 3' from Bent	47	1	Exposed Rebar	1	1				50	Beam	4	with exposed reinforcing, bottom of beam, 18' from Bent	50	1	Spall	0.75	1.25			
47	Beam	4	with exposed reinforcing, bottom of beam at Bent	46	2	Spall	1	1				50	Beam	4	Longitudinal crack, West face, 6' from Bent	50	1	Cracking	3				
47	Beam	4	Bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25				50	Beam	4	with exposed reinforcing, at random on bottom of beam		2	Exposed Rebar	0.75	1			
47	Beam	5	South face at Bent	46	1	Spall	0.75	1	0.75			50	Beam	5	East face at Bent	49	1	Spall	0.75	0.75			
47	Beam	5	North face at Bent	47	1	Spall	0.75	1	0.5			50	Beam	6	with exposed strand, beam end at Bent	49	1	Spall	0.75	2			
47	Beam	5	South face at Bent	46	1	Spall	0.75	1				50	Beam	6	with exposed reinforcing, bottom of beam, 1' from Bent	50	1	Spall	1	1.25			
47	Beam	5	Bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25				50	Beam	6	with exposed reinforcing, at random on bottom of beam		2	Spall	0.75	1			
47	Beam	6	with exposed reinforcing, bottom of beam at Bent	46	1	Spall	1	1				50	Beam	7	with exposed reinforcing, bottom of beam, 39' from Bent	49	1	Spall	0.75	1.25			
47	Beam	6	Longitudinal crack, bottom of beam, starts at Bent	47	1	Cracking	2.5					50	Beam	7	with exposed reinforcing, at random on bottom of beam		4	Spall	0.75	1			
47	Beam	6	Bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25				50	Beam	8	Longitudinal crack, West face, starts at Bent	49	1	Cracking	1.25				
47	Beam	6	at random throughout East face of beam		3	Exposed Rebar	1.5	1.5				50	Beam	8	with exposed reinforcing, at random on bottom of beam		2	Spall	1	1			
48	Beam	1	with exposed reinforcing, bottom of beam at Bent	47	1	Spall	1	2.25				50	Beam	8	with exposed reinforcing, at random on bottom of beam		8	Exposed Rebar	1	1			
48	Beam	1	West face, 30' from Bent	47	1	Unsound Patch	1	1				51	Lt. Deck Overhang	with exposed reinforcing, deck underside, 12' from Bent		50	1	Spall	1.5	1.5			
48	Beam	1	Bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25				51	Lt. Deck Overhang	Deck underside, at random throughout			5	Delam	1.5	1.5			
48	Beam	1	with exposed reinforcing, East face, 2' from Bent	47	1	Exposed Rebar	0.75	0.75				51	Rt. Deck Overhang	Deck underside, 6' from Bent		50	1	Delam	1.75	1.5			
48	Beam	2	Bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25				51	Beam	1	Longitudinal cracks, West face, 13' from Bent	51	2	Cracking	2				
48	Beam	2	with exposed reinforcing, East face, 3' from Bent	47	2	Exposed Rebar	0.75	0.75				51	Beam	1	Longitudinal cracks, West face, starts 12' from Bent	50	2	Cracking	2.25				
48	Beam	3	with exposed reinforcing, bottom of beam at Bent	47	1	Spall	1	1				51	Beam	1	Longitudinal cracks, East face & West, starts 8' from Bent	51	3	Cracking	3.5				
48	Beam	3	Bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25				51	Beam	1	Cracks, West face, starts 8' from Bent	50	1	Cracking	3.5				
48	Beam	3	East face, near Bent	47	2	Exposed Rebar	1.5	1.5				51	Beam	1	with exposed reinforcing, North face, 12' from Bent	51	1	Spall	0.75	2.75			
48	Beam	3	East face, 2' from Bent	48	1	Exposed Rebar	0.75	0.75				51	Beam	1	with exposed strand, East face, 11' from Bent	51	1	Spall	1.25	1.5	0.5		
48	Beam	4	with exposed reinforcing, bottom of beam at Bent	47	2	Spall	1	1.25				51	Beam	1	with exposed strand, 12' from Bent	50	1	Spall	1.25	1.5	0.5		
48	Beam	4	at random throughout East & West faces		14	Exposed Rebar	0.75	0.75				51	Beam	1	with exposed strand, South face, 12' from Bent	50	1	Unsound Patch	2.75	1.5			
48	Beam	4	Bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25				51	Beam	1	Diagonal cracks, West face, 12' from Bent	50	2	Cracking	1.5				
48	Beam	5	with exposed reinforcing, bottom of beam at Bent	47	1	Spall	0.75	1.25				51	Beam	1	Longitudinal crack, East face, starts at Bent	50	1	Cracking	6.5				
48	Beam	5	at random throughout East & West face		13	Exposed Rebar	0.75	0.75				51	Beam	1	Bottom of beam, at 1/4 points	51	6	Exposed Rebar	1.5	1.5			
48	Beam	5	Bottom of beam at mid-span		4	Exposed Rebar	1	1				51	Beam	2	with exposed reinforcing, North face, 12' from Bent	51	1	Spall	0.75	1.25			
48	Beam	6	at random throughout, East & West faces		11	Exposed Rebar	0.75	0.75				51	Beam	2	with exposed reinforcing, bottom of beam, 30' from Bent	51	1	Spall	1	1.5			
48	Beam	6	Bottom of beam at mid-span		4	Exposed Rebar	1	1				51	Beam	2	with exposed strand, bottom of beam, 11' from Bent	50	1	Spall	1	1	0.5		
49	Beam	1	East face at Bent	48	1	Spall	0.75	0.75				51	Beam	2	with exposed strand, East face, 11' from Bent	51	1	Spall	1	1.25	0.5		
49	Beam	2	with exposed reinforcing, bottom of beam at Bent	49	1	Spall	0.75	0.75				51	Beam	2	with exposed reinforcing, South face, 12' from Bent	50	1	Unsound Patch	1.5	1.5			
49	Beam	3	Beam end at Bent	48	1	Spall	0.75	1.25				51	Beam	2	West face, 11' from Bent	51	2	Cracking	2				
49	Beam	3	with exposed reinforcing, bottom of beam at Bent	49	2	Spall	0.75	0.75				51	Beam	2	Bottom of beam at 1/4 points		6	Exposed Rebar	1.5	1.5			
49	Beam	3	West face, 6' from Bent	49	1	Spall	1	0.75				51	Beam	2	with exposed reinforcing, 35' from Bent	51	1	Exposed Rebar	0.75	0.75			
49	Beam	4	Bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25				51	Beam	3	Longitudinal crack, East face, starts at Bent	51	1	Cracking	6.5				
49	Beam	5	with exposed reinforcing, bottom of beam at Bent	49	1	Spall	1	1.5				51	Beam	3	with exposed strand, East & West faces, 11' from Bent	50	2	Spall	1	1.25	0.5		
49	Beam	5	Beam end at Bent	49	1	Spall	0.75	1				51	Beam	3	with exposed reinforcing, bottom of beam, 30' from Bent	51	1	Spall	1.5	0.75			
49	Beam	5	Bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25				51	Beam	3	with exposed reinforcing, bottom of beam, 30' from Bent	51	1	Spall	0.75	1.5			
49	Beam	6	Bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25				51	Beam	3	East face, 12' from Bent	51	1	Unsound Patch	0.75	1.25			

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

SHEET 3 OF 6



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUPERSTRUCTURE DEFICIENCIES

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			S-105
2			4			TOTAL SHEETS 111

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NOTES:

ALL DEFECTS WERE TAKEN FROM THE 2017 BRIDGE INSPECTION REPORT.

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 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