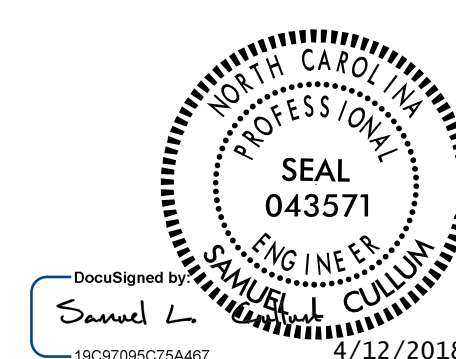


Brunswick #14										As-Built Quantities		Brunswick #14										As-Built Quantities	
Span #	Component	Location (ft. from nearest bent, etc)		Bent #	Amount	Defect Description	Length(ft.)	Width(ft.)	Depth(ft.)	Actual (C.F.)	Actual Depth (ft.)	Span #	Component	Location (ft. from nearest bent, etc)		Bent #	Amount	Defect Description	Length(ft.)	Width(ft.)	Depth(ft.)	Actual (C.F.)	Actual Depth (ft.)
40	Beam	5	exposed reinforcing, bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25				43	Beam	5	with exposed reinforcing, East face, 2' from Bent	43	1	Exposed Rebar	0.75	0.75			
40	Beam	5	exposed reinforcing, at random on East & West faces		8	Exposed Rebar	1.5	1.5				43	Beam	6	with exposed reinforcing, West face, 2' from Bent	42	1	Spall	1	0.75			
40	Beam	6	at intermediate diaphragms		2	Unsound Patch	1.5	1.5				43	Beam	6	Bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25			
40	Beam	6	exposed reinforcing, bottom of beam at mid-span		4	Exposed Rebar	1	1				44	Lt. Deck Overhang	2	Deck underside, 33' from Bent	43	1	Spall	2	2			
40	Beam	6	exposed reinforcing, at random on East & West faces		8	Exposed Rebar	1.5	1.5				44	Lt. Deck Overhang	2	deck underside, at random throughout		2	Delam	1	1			
41	Beam	1	exposed reinforcing, at random on East & West faces		12	Exposed Rebar	1.5	1.5				44	Beam	1	longitudinal cracks, East face, starts 2' from Bent	44	1	Cracking	3.5				
41	Beam	1	exposed reinforcing, bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25				44	Beam	1	Bottom of beam at mid-span		4	Exposed Rebar	1	1			
41	Beam	2	longitudinal cracks, East face, 4' from Bent	41	2	Cracking	1.5					44	Beam	2	Bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25			
41	Beam	2	with exposed strand, North end at Bent	41	1	Spall	0.75	1	0.5			44	Beam	2	at random throughout East face of beam		3	Exposed Rebar	1.5	1.5			
41	Beam	2	exposed reinforcing, bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25				44	Beam	3	East face at Bent	44	1	Spall	1.25	1			
41	Beam	2	exposed reinforcing, East face, 3' from Bent	40	2	Exposed Rebar	1.25	1.25				44	Beam	3	Bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25			
41	Beam	3	longitudinal crack, West face, 4' from Bent	41	1	Cracking	1.5					44	Beam	4	with exposed reinforcing, bottom of beam at Bent	43	1	Spall	0.75	1.5			
41	Beam	3	Vertical crack, East face, 25' from Bent	40	1	Rust Staining	0.75					44	Beam	4	Bottom of beam, 35' from Bent	43	1	Exposed Rebar	1.5	1.5			
41	Beam	3	East face, 14' from Bent	41	1	Spall	0.75	1				44	Beam	4	Bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25			
41	Beam	3	exposed reinforcing, bottom of beam at mid-span		4	Exposed Rebar	1	1				44	Beam	5	Bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25			
41	Beam	3	exposed reinforcing, at random on East face		5	Exposed Rebar	1	1				44	Beam	5	at random throughout West face of beam		3	Exposed Rebar	1.5	1.5			
41	Beam	4	South face at Bent	40	1	Spall	0.75	1	0.5			44	Beam	6	Longitudinal crack, West face, starts 3' from Bent	43	1	Cracking	3.5				
41	Beam	4	exposed reinforcing, bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25				44	Beam	6	with exposed reinforcing, West face, 25' from Bent	43	1	Spall	1	1			
41	Beam	5	Bottom of beam at Bent	40	1	Spall	0.75	0.75				44	Beam	6	at random throughout East & West faces of beam		15	Exposed Rebar	1.5	1.5			
41	Beam	5	exposed reinforcing, West face, 30' from Bent	40	1	Exposed Rebar	1.5	1.5				44	Beam	6	Bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25			
41	Beam	5	exposed reinforcing, bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25				45	Beam	1	West face, at diaphragm locations		2	Unsound Patch	1	1			
41	Beam	6	exposed reinforcing, bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25				45	Beam	1	longitudinal crack, East face, starts 2' from Bent	45	1	Cracking	6.5				
42	Beam	1	with exposed strand, South face at Bent	41	1	Spall	0.75	1	0.75			45	Beam	1	Bottom of beam at mid-span		4	Exposed Rebar	1	1			
42	Beam	1	exposed reinforcing, at random on East face		3	Exposed Rebar	1.5	1.5				45	Beam	1	at random throughout East & West faces of beam		7	Exposed Rebar	1.5	1.5			
42	Beam	1	exposed reinforcing, bottom of beam at mid-span		4	Exposed Rebar	1	1				45	Beam	2	Bottom of beam, 26' from Bent	44	1	Unsound Patch	2	1.5			
42	Beam	2	exposed reinforcing, East face, 3' from Bent	41	1	Exposed Rebar	1.5	1.5				45	Beam	2	Longitudinal cracking, East & West faces, starts at Bent	45	1	Cracking	4.5				
42	Beam	2	exposed reinforcing, bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25				45	Beam	2	Bottom of beam, 17' from Bent	44	1	Delam	4.5	1.5			
42	Beam	3	longitudinal crack, West face, starts 3' from Bent	41	1	Cracking	3.5					45	Beam	2	Bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25			
42	Beam	3	exposed reinforcing, bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25				45	Beam	3	with exposed reinforcing, bottom of beam at Bent	44	1	Spall	1	1.5			
42	Beam	4	longitudinal cracks, bottom of beam, starts at Bent	42	2	Cracking	3.25					45	Beam	3	Longitudinal cracking, East & West faces, 2' from Bent	45	1	Cracking	5.5				
42	Beam	4	exposed reinforcing, bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25				45	Beam	3	Bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25			
42	Beam	5	with exposed reinforcing, bottom of beam at Bent	41	1	Spall	0.75	1.75				45	Beam	4	Bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25			
42	Beam	5	exposed reinforcing, bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25				45	Beam	4	West face, 2' from Bent	44	1	Exposed Rebar	1	0.75			
42	Beam	6	exposed reinforcing, bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25				45	Beam	5	Bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25			
42	Beam	6	exposed reinforcing, at random on East face		3	Exposed Rebar	1.5	1.5				45	Beam	6	Bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25			
43	Lt. Deck Overhang		deck underside, at random throughout		2	Delam	1.5	1.5				45	Beam	6	at random throughout East & West faces of beam		7	Exposed Rebar	1.5	1.5			
43	Beam	1	with exposed reinforcing, bottom of beam, 2' from Bent	43	1	Spall	0.75	0.75				46	Beam	1	Diagonal crack, East face of bottom flange at Bent	46	1	Cracking	1				
43	Beam	1	exposed reinforcing, bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25				46	Beam	1	West face, at diaphragm locations		2	Unsound Patch	1	1			
43	Beam	1	exposed reinforcing, West face at mid-span		5	Exposed Rebar	1.5	1.5				46	Beam	1	at random throughout East & West faces of beam		1	Exposed Rebar	1.5	1.5			
43	Beam	2	exposed strand, North face at Bent	43	1	Spall	0.75	1.5	0.5			46	Beam	1	Bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25			
43	Beam	2	exposed reinforcing, bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25				46	Beam	2	Bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25			
43	Beam	3	with exposed reinforcing, bottom of beam at Bent	43	1	Spall	0.75	2				46	Beam	2	at random throughout East & West faces of beam		4	Exposed Rebar	1.5	1.5			
43	Beam	3	exposed reinforcing, bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25				46	Beam	3	Bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25			
43	Beam	4	with exposed reinforcing, bottom of beam at Bent	43	1	Spall	1	2				46	Beam	3	at random throughout West face of beam		5	Exposed Rebar	1.5	1.5			
43	Beam	4	Vertical crack with rust staining, West face, 20' from Bent	42	1	Rust Staining	0.75					46	Beam	4	Beam end at Bent	46	1	Spall	0.75	1			
43	Beam	4	West face, 3' from Bent	42	1	Exposed Rebar	1.5	1.5				46	Beam	4	with exposed reinforcing, bottom of beam at Bent	46	1	Spall	0.75	1			
43	Beam	4	Bottom of beam, 35' from Bent	42	2	Exposed Rebar	1.25	1.25				46	Beam	4	at random throughout East face of beam		2	Exposed Rebar	1.5	1.5			
43	Beam	5	with exposed reinforcing, bottom of beam at Bent	42	2	Spall	1.25	1.25				46	Beam	4	Bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25			
43	Beam	5	with exposed reinforcing, bottom of beam at mid-span	43	1	Spall	1	2				46	Beam	5	Bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25			
43	Beam	5	Bottom of beam at mid-span		4	Exposed Rebar	1	1				46	Beam	5	at random throughout East & West faces of beam		8	Exposed Rebar	1.5	1.5			

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

SHEET 2 OF 6



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 SUPERSTRUCTURE DEFICIENCIES

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

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-104
1			3			TOTAL SHEETS
2			4			111

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