

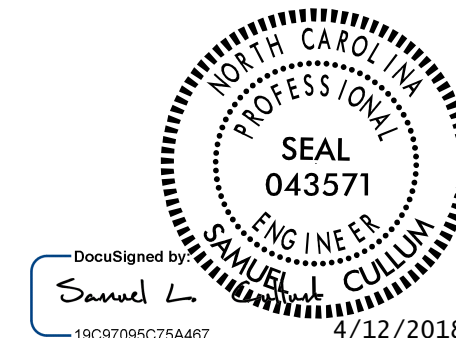
Brunswick #14									As-Built Quantities		Brunswick #14									As-Built Quantities	
Span #	Component	Location (ft. from nearest bent, etc)	Bent #	Amount	Defect Description	Length(ft.)	Width(ft.)	Assumed Depth (ft.)	Actual (C.F.)	Actual Depth (ft.)	Span #	Component	Location (ft. from nearest bent, etc)	Bent #	Amount	Defect Description	Length(ft.)	Width(ft.)	Depth(ft.)	Actual (C.F.)	Actual Depth (ft.)
29	Lt. Deck Overhang	Deck underside, 13' from Bent	29	1	Spall	2	1.5	0.5			37	Beam	4 with exposed reinforcing, West face at Bent	37	1	Spall	0.75	0.75			
29	Rt. Deck Overhang	Deck underside, right overhang, 9' from Bent	29	1	Delam	1.5	1.5				37	Beam	5 with exposed strand, North face at Bent	37	1	Spall	1.25	1.25			
29	Lt. Deck Overhang	Deck underside, at random throughout	29	1	Delam	2.25	2.25				37	Beam	5 with exposed reinforcing, bottom of beam, 1' from Bent	37	1	Spall	0.75	1			
29	Beam	1 Exposed reinforcing, bottom of beam, 13' from Bent	29	1	Spall	1.5	1.5	0.5			38	Beam	1 West face, at intermediate diaphragm locations		2	Unsound Patch	1	1			
29	Beam	1 West face, North intermediate diaphragm		1	Unsound Patch	1	1				38	Beam	1 at random throughout East & West faces of beam		2	Exposed Rebar	1.5	1.5			
29	Beam	2 West face, 3' from Bent	28	1	Cracking	1.5					38	Beam	1 Bottom of beam at mid-span		2	Exposed Rebar	1	1			
29	Beam	2 with exposed reinforcing, East face at Bent	29	1	Spall	1	0.75				38	Beam	2 exposed reinforcing, East face, 4' from Bent	37	1	Exposed Rebar	1.5	1.5			
29	Beam	2 with exposed reinforcing, West face, 1' from Bent	29	1	Exposed Rebar	0.75	0.75				38	Beam	2 exposed reinforcing, bottom of beam at mid-span		2	Exposed Rebar	1	1			
29	Beam	3 Bottom of beam, 16' from Bent	28	1	Unsound Patch	3	1.25				38	Beam	3 exposed reinforcing, bottom of beam at mid-span		2	Exposed Rebar	1	1			
30	Beam	1 East face at Bent	30	1	Spall	1.25	0.75				38	Beam	4 longitudinal crack, East face, 4' from Bent	38	1	Cracking	1.25				
30	Beam	1 West face, South intermediate diaphragm		1	Unsound Patch	1	1				38	Beam	4 Bottom of beam at Bent	38	1	Spall	1	1.25			
30	Beam	2 Bottom of beam, 1' from Bent	30	1	Spall	1.5	2.5				38	Beam	4 exposed reinforcing, bottom of beam at mid-span		2	Exposed Rebar	1	1			
30	Beam	2 West face at Bent	30	1	Spall	1.25	0.75				38	Beam	4 exposed reinforcing, at random, on East & West faces		3	Exposed Rebar	1.75	1.75			
30	Beam	2 West face at Bent	29	1	Spall	1	0.75				38	Beam	5 exposed reinforcing, bottom of beam at mid-span		4	Exposed Rebar	1.5	1.5			
30	Beam	4 West face at Bent	30	1	Spall	1	1				38	Beam	5 Bottom of beam, 25' from Bent	37	1	Exposed Rebar	0.75	0.75			
30	Beam	4 Bottom of Beam	30	1	Spall	0.75	1				38	Beam	6 longitudinal crack, East face, starts at Bent	38	1	Cracking	6.5				
31	Rt. Deck Overhang	deck underside, at Bent	30	1	Spall	2	2				38	Beam	6 East face, South Intermediate Diaphragm		1	Unsound Patch	1	1			
31	Beam	1 West face, North intermediate diaphragm		1	Unsound Patch	1	1				38	Beam	6 exposed reinforcing, bottom of beam at mid-span		1	Exposed Rebar	1.25	1.25			
31	Beam	2 Bottom of beam at mid-span		1	Spall	1.5	1				39	Concrete Deck	with exposed reinforcing, deck underside, 18' from Bent	38	1	Spall	2	2	0.5		
31	Beam	6 East face, South face intermediate diaphragm		1	Unsound Patch	1	1				39	Beam	1 exposed reinforcing, at random throughout West face		4	Exposed Rebar	1.5	1.5			
32	Beam	1 Bottom of beam, 1' from Bent	31	2	Spall	1	1				39	Beam	1 exposed reinforcing, bottom of beam at mid-span		4	Exposed Rebar	1	1			
32	Beam	4 East face, at Bent	32	1	Spall	1	0.75				39	Beam	2 North face at Bent	39	1	Spall	0.75	0.75			
32	Beam	5 East face at Bent	32	1	Cracking	1					39	Beam	2 exposed reinforcing, bottom of beam at mid-span		4	Exposed Rebar	1	1			
32	Beam	5 South face at Bent	31	1	Spall	0.75	1.25				39	Beam	3 Vertical crack, East face at Bent	39	1	Cracking	1.25				
32	Beam	5 West face at Bent	32	1	Spall	0.75	0.75				39	Beam	3 exposed reinforcing, bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25			
32	Beam	5 Bottom of cap, 1' from Bent	31	1	Spall	1	0.75				39	Beam	3 exposed reinforcing, at random on East & West faces		3	Exposed Rebar	1.5	1.5			
33	Rt. Deck Overhang	deck underside, at Bent	32	1	Delam	1.5	2.5				39	Beam	4 West face at Bent	39	1	Spall	0.75	0.75			
33	Beam	1 Bottom of beam at Bent	32	1	Spall	1	1.25				39	Beam	4 exposed reinforcing, East face, 25' from Bent	38	1	Exposed Rebar	0.75	0.75			
33	Beam	2 Bottom of beam, 16' from Bent	33	5	Unsound Patch	2	1.25				39	Beam	4 exposed reinforcing, bottom of beam at mid-span		2	Exposed Rebar	1.5	1.5			
33	Beam	2 Bottom of beam, 17' from Bent	33	1	Delam	0.75	0.75				39	Beam	5 exposed reinforcing, bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25			
33	Beam	3 with exposed reinforcing, East face at Bent	32	1	Spall	1	0.75				39	Beam	6 longitudinal crack, East face, starts at Bent	39	1	Cracking	5.5				
33	Beam	4 West face at Bent	32	1	Spall	0.75	1				39	Beam	6 exposed reinforcing, bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25			
33	Beam	6 with exposed strand, at bottom of beam, 7' from Bent	33	1	Spall	2.5	1.25				40	Rt. Deck Overhang	deck underside at Bent	39	1	Unsound Patch	2	0.75			
33	Beam	6 West face at Bent	32	1	Spall	0.75	0.75				40	Lt. Deck Overhang	with exposed reinforcing, deck underside, 9' from Bent	40	1	Spall	0.75	0.75			
34	Beam	3 with exposed reinforcing, West face at Bent	34	1	Spall	1	0.75				40	Beam	1 West face at South intermediate diaphragm		1	Unsound Patch	1	1			
34	Beam	6 with exposed reinforcing, West face at Bent	34	1	Spall	1	0.75				40	Beam	1 Bottom of beam at Bent	39	1	Spall	1	1			
35	Lt. Deck Overhang	deck underside at Bent	35	1	Spall	2	1	0.75			40	Beam	1 exposed reinforcing, at random on West face		2	Exposed Rebar	1.5	1.5			
36	Lt. Deck Overhang	deck underside at Bent	35	1	Spall	2.5	2.5				40	Beam	1 exposed reinforcing, bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25			
36	Beam	1 with exposed strand, South face, at Bent	35	1	Spall	0.75	1.25				40	Beam	2 South face at Bent	39	1	Spall	0.75	1			
36	Beam	2 West face at Bent	36	1	Spall	0.75	0.75				40	Beam	2 exposed reinforcing, bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25			
36	Beam	2 Exposed reinforcing, bottom of beam, 1' from Bent	36	1	Spall	0.75	1				40	Beam	2 exposed reinforcing, bottom of beam, 1' from Bent	39	1	Exposed Rebar	0.75	0.75			
36	Beam	3 Vertical & longitudinal cracks, East face at Bent	36	1	Cracking	1					40	Beam	3 with exposed reinforcing, bottom of beam at Bent	40	1	Spall	1	1.5			
36	Beam	4 with exposed strand, East face at Bent	35	1	Spall	1.25	1.25				40	Beam	3 Vertical crack, East face, 3' from Bent	40	1	Rust Staining	0.75				
36	Beam	5 with exposed strand, East & West faces at Bent	35	2	Spall	1.5	1.25	0.5			40	Beam	3 exposed reinforcing, bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25			
36	Beam	5 North face at Bent	36	1	Spall	0.75	1				40	Beam	3 exposed reinforcing, at random throughout West face		9	Exposed Rebar	1.5	1.5			
36	Beam	6 Vertical cracks, East face at Bent	36	1	Rust Staining	0.75					40	Beam	4 exposed reinforcing, bottom of beam at mid-span		2	Exposed Rebar	1.25	1.25			
36	Beam	6 with exposed strand, North face at Bent	36	1	Spall	0.75	0.75				40	Beam	4 exposed reinforcing, at random on East & West faces		3	Exposed Rebar	1.5	1.5			
37	Lt. Deck Overhang	deck underside at Bent	36	1	Unsound Patch	2.5	1.25				40	Beam	5 longitudinal cracks, East face, 6' from Bent	40	3	Cracking	1.5				
37	Beam	1 Vertical crack, East face at Bent	37	1	Cracking	1					40	Beam	5 longitudinal crack, West face, 4' from Bent	39	1	Cracking	1.5				
37	Beam	4 with exposed strand, South face at Bent	36	1	Spall	1	1				40	Beam	5 longitudinal cracks, bottom of beam at Bent	40	2	Cracking	1.5				

NOTES:

ALL DEFECTS WERE TAKEN FROM THE 2017 BRIDGE INSPECTION REPORT.

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

SHEET 1 OF 6



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUPERSTRUCTURE DEFICIENCIES

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-103
1			3			TOTAL SHEETS
2			4			111

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