

#### SUPERSTRUCTURE BILL OF MATERIAL

	CLASS AA CONCRETE	REINFORCING STEEL	* EPOXY COATED REINFORCING STEEL
	CY	LB	LB
SPAN A	52.6	6728	5815
SPAN B	54.5	6966	6029
SPAN C	57.4	7353	6300
<b>TOTAL (#)</b>	<b>164.5</b>	<b>21047</b>	<b>18144</b>

\* DENOTES EPOXY COATED REINFORCED STEEL

#### CLASS AA CONCRETE BREAKDOWN

POUR NO.	SPAN A	SPAN B	SPAN C
	CY	CY	CY
POUR 1	38.1	40.4	42.2
POUR 2	7.7	7.0	7.7
CLOSURE POUR	6.8	7.1	7.5
<b>TOTAL (#)</b>	<b>52.6</b>	<b>54.5</b>	<b>57.4</b>

(⊕) QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

### BILL OF MATERIAL

SPAN B												SPAN C											
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	56	#6	STR	26'-3"	2208	A110	2	#6	STR	19'-8"	60	* A1	61	#6	STR	26'-3"	2406	A110	2	#6	STR	19'-8"	60
* A2	2	#6	STR	25'-11"	78	A111	2	#6	STR	18'-11"	57	* A2	2	#6	STR	25'-11"	78	A111	2	#6	STR	18'-11"	57
* A3	2	#6	STR	25'-2"	76	A112	2	#6	STR	18'-1"	55	* A3	2	#6	STR	25'-2"	76	A112	2	#6	STR	18'-1"	55
* A4	2	#6	STR	24'-4"	74	A113	2	#6	STR	17'-4"	53	* A4	2	#6	STR	24'-4"	74	A113	2	#6	STR	17'-4"	53
* A5	2	#6	STR	23'-7"	71	A114	2	#6	STR	16'-7"	50	* A5	2	#6	STR	23'-7"	71	A114	2	#6	STR	16'-7"	50
* A6	2	#6	STR	22'-10"	69	A115	2	#6	STR	15'-9"	48	* A6	2	#6	STR	22'-10"	69	A115	2	#6	STR	15'-9"	48
* A7	2	#6	STR	22'-0"	67	A116	2	#6	STR	15'-0"	46	* A7	2	#6	STR	22'-0"	67	A116	2	#6	STR	15'-0"	46
* A8	2	#6	STR	21'-3"	64	A117	2	#6	STR	14'-2"	43	* A8	2	#6	STR	21'-3"	64	A117	2	#6	STR	14'-2"	43
* A9	2	#6	STR	20'-5"	62	A118	2	#6	STR	13'-5"	41	* A9	2	#6	STR	20'-5"	62	A118	2	#6	STR	13'-5"	41
* A10	2	#6	STR	19'-8"	60	A119	2	#6	STR	12'-8"	39	* A10	2	#6	STR	19'-8"	60	A119	2	#6	STR	12'-8"	39
* A11	2	#6	STR	18'-11"	57	A120	2	#6	STR	11'-10"	36	* A11	2	#6	STR	18'-11"	57	A120	2	#6	STR	11'-10"	36
* A12	2	#6	STR	18'-1"	55	A121	2	#6	STR	11'-1"	34	* A12	2	#6	STR	18'-1"	55	A121	2	#6	STR	11'-1"	34
* A13	2	#6	STR	17'-4"	53	A122	2	#6	STR	10'-4"	32	* A13	2	#6	STR	17'-4"	53	A122	2	#6	STR	10'-4"	32
* A14	2	#6	STR	16'-7"	50	A123	2	#6	STR	9'-6"	29	* A14	2	#6	STR	16'-7"	50	A123	2	#6	STR	9'-6"	29
* A15	2	#6	STR	15'-9"	48	A124	2	#6	STR	8'-9"	27	* A15	2	#6	STR	15'-9"	48	A124	2	#6	STR	8'-9"	27
* A16	2	#6	STR	15'-0"	46	A125	2	#6	STR	7'-11"	25	* A16	2	#6	STR	15'-0"	46	A125	2	#6	STR	7'-11"	25
* A17	2	#6	STR	14'-2"	43	A126	2	#6	STR	7'-2"	22	* A17	2	#6	STR	14'-2"	43	A126	2	#6	STR	7'-2"	22
* A18	2	#6	STR	13'-5"	41	A127	2	#6	STR	6'-5"	20	* A18	2	#6	STR	13'-5"	41	A127	2	#6	STR	6'-5"	20
* A19	2	#6	STR	12'-8"	39	A128	2	#6	STR	5'-7"	18	* A19	2	#6	STR	12'-8"	39	A128	2	#6	STR	5'-7"	18
* A20	2	#6	STR	11'-10"	36	A129	2	#6	STR	4'-10"	15	* A20	2	#6	STR	11'-10"	36	A129	2	#6	STR	4'-10"	15
* A21	2	#6	STR	11'-1"	34	A130	2	#6	STR	4'-1"	13	* A21	2	#6	STR	11'-1"	34	A130	2	#6	STR	4'-1"	13
* A22	2	#6	STR	10'-4"	32	A131	2	#6	STR	3'-4"	11	* A22	2	#6	STR	10'-4"	32	A131	2	#6	STR	3'-4"	11
* A23	2	#6	STR	9'-6"	29							* A23	2	#6	STR	9'-6"	29						
* A24	2	#6	STR	8'-9"	27	* B3	44	#4	STR	29'-2"	858	* A24	2	#6	STR	8'-9"	27	* B5	44	#4	STR	30'-8"	902
* A25	2	#6	STR	7'-11"	25	B4	41	#5	STR	56'-3"	2406	* A25	2	#6	STR	7'-11"	25	B6	41	#5	STR	59'-4"	2538
* A26	2	#6	STR	7'-2"	22							* A26	2	#6	STR	7'-2"	22						
* A27	2	#6	STR	6'-5"	20	* D1	86	#6	STR	1'-7"	205	* A27	2	#6	STR	6'-5"	20	* D1	91	#6	STR	1'-7"	217
* A28	2	#6	STR	5'-7"	18	* D2	90	#6	STR	6'-4"	857	* A28	2	#6	STR	5'-7"	18	* D2	95	#6	STR	6'-4"	904
* A29	2	#6	STR	4'-10"	15	D101	86	#6	STR	1'-7"	205	* A29	2	#6	STR	4'-10"	15	D101	91	#6	STR	1'-7"	217
* A30	2	#6	STR	4'-1"	13	D102	90	#6	STR	6'-0"	812	* A30	2	#6	STR	4'-1"	13	D102	95	#6	STR	6'-0"	857
* A31	2	#6	STR	3'-4"	11							* A31	2	#6	STR	3'-4"	11						
* A32	3	#6	STR	12'-4"	56	* G1	2	#5	STR	33'-8"	71	* A32	3	#6	STR	12'-4"	56	* G1	2	#5	STR	33'-8"	71
						* G2	2	#5	STR	6'-11"	15							* G2	2	#5	STR	6'-11"	15
A101	56	#6	STR	26'-3"	2208							A101	61	#6	STR	26'-3"	2406						
A102	2	#6	STR	25'-11"	78	* J1	74	#4	1	1'-5"	71	A102	2	#6	STR	25'-11"	78	* J1	37	#4	1	1'-5"	36
A103	2	#6	STR	25'-2"	76							A103	2	#6	STR	25'-2"	76						
A104	2	#6	STR	24'-4"	74	* K1	8	#5	2	14'-0"	117	A104	2	#6	STR	24'-4"	74	* K1	8	#5	2	14'-0"	117
A105	2	#6	STR	23'-7"	71	* K2	4	#5	4	14'-0"	59	A105	2	#6	STR	23'-7"	71	* K2	4	#5	4	14'-0"	59
A106	2	#6	STR	22'-10"	69	* K3	4	#5	3	9'-6"	40	A106	2	#6	STR	22'-10"	69	* K3	4	#5	3	9'-6"	40
A107	2	#6	STR	22'-0"	67							A107	2	#6	STR	22'-0"	67						
A108	2	#6	STR	21'-3"	64	* S2	52	#4	5	3'-11"	137	A108	2	#6	STR	21'-3"	64	* S1	26	#4	5	4'-2"	73
A109	2	#6	STR	20'-5"	62							A109	2	#6	STR	20'-5"	62	* S2	26	#4	5	3'-11"	69

#### GROOVING BRIDGE FLOORS

BRIDGE DECK	4538 SQ. FT.
APPROACH SLABS	861 SQ. FT.
<b>TOTAL</b>	<b>5399 SQ. FT.</b>

#### SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS

BAR SIZE	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPET, AND BARRIER RAIL		APPROACH SLABS		PARAPET AND BARRIER RAIL
	EPOXY COATED	UNCOATED	EPOXY COATED	UNCOATED	
#4	1'-11"	1'-7"	1'-11"	1'-7"	2'-6"
#5	2'-5"	2'-0"	2'-5"	2'-0"	3'-1"
#6	2'-10"	2'-5"	3'-7"	2'-5"	3'-8"
#7	4'-2"	2'-9"			
#8	4'-9"	3'-2"			

PROJECT NO. B-3186/B-5898  
HAYWOOD COUNTY  
 STATION: 68+65.75 ± -L-RT-  
 SHEET 2 OF 2

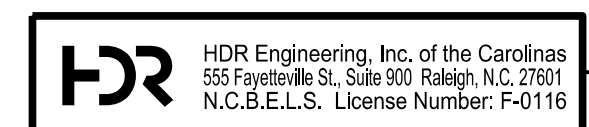


STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

### SUPERSTRUCTURE BILL OF MATERIAL

REVISIONS						SHEET NO. S03R-31
NO.	BY:	DATE:	NO.	BY:	DATE:	
1	--	--	3	--	--	TOTAL SHEETS 61
2	--	--	4	--	--	

Eric M. Nolting 1/25/2022



DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED

PLOT DRIVER: NCDOT\_STRUCTURE\_DEFAULT\_PLOTTER.plt  
 PENTABLE: NCDOT\_STRUCTURE\_DEFAULT\_PEN.tbl  
 USER: PPETERSO DATE: 1/24/2022 TIME: 2:40:11 PM  
 FILE: ... \404.150.B5898B3186.SMU.BM.031.430107.dgn

DES BY: <u>F. CORDOVA</u>	DATE: <u>04/21</u>	DWG BY: <u>B. PETERSON</u>	DATE: <u>04/21</u>
DES CHK: <u>M. NEIHEISEL</u>	DATE: <u>07/21</u>	CHK BY: <u>M. NEIHEISEL</u>	DATE: <u>07/21</u>