DocuSign Envelope ID: 092FF86A-FF9F-4A0F-BAC7-07FE7A3BD109

BILL OF MATERIAL

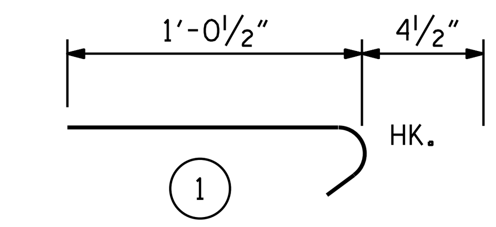
APPROACH SLAB AT EB #1

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	15	#4	STR	18'-4"	184	A76	1	#4	STR	15'-7"	10	B60	2	#6	STR	35'-10"	108
A2	15	#4	STR	18'-4"	184	A77	1	#4	STR	14'-7"	10	B61	2	#6	STR	34'-11"	105
* A3	4	#4	STR	19'-3"	51	A78	1	#4	STR	13'-6"	9	B62	2	#6	STR	34'-0"	102
A4	4	#4	STR	19'-3"	51	A79	1	#4	STR	12'-6"	8	B63	2	#6	STR	33'-0"	99
* A5	12	#4	STR	23'-0"	184	A80	1	#4	STR	11'-6"	8	B64	2	#6	STR	32'-0"	96
A6	12	#4	STR	22'-11"	184	A81	1	#4	STR	11'-4"	8	B65	2	#6	STR	31'-0"	93
* A7	2	#4	STR	22'-10"	31	A82	1	#4	STR	10'-3"	7	B66	2	#6	STR	30'-1"	90
* A8	2	#4	STR	22'-4"	30	A83	1	#4	STR	9'-3"	6	B67	2	#6	STR	29'-1"	87
* A9	2	#4	STR	21'-10"	29	A84	1	#4	STR	8'-2"	5	B68	2	#6	STR	28'-1"	84
* A10	2	#4	STR	21'-4"	29	A85	1	#4	STR	7'-2"	5	B69	2	#6	STR	27'-2"	82
* A11	2	#4	STR	20'-9"	28	A86	1	#4	STR	6'-1"	4	B70	2	#6	STR	26'-2"	79
* A12	2	#4	STR	20'-3"	27	A87	1	#4	STR	5'-1"	3	B71	2	#6	STR	25'-3"	76
* A13	2	#4	STR	19'-9"	26	A88	1	#4	STR	4'-0"	3	B72	1	#6	STR	24'-10"	37
* A14	2	#4	STR	19'-3"	26	A89	1	#4	STR	3'-0"	2	B73	1	#6	STR	43'-3"	65
* A15	2	#4	STR	18'-9"	25	A90	1	#4	STR	2'-0"	1	B74	2	#6	STR	42'-4"	127
* A16	2	#4	STR	18'-2"	24							B75	2	#6	STR	41'-4"	124
* A17	2	#4	STR	17'-8"	24	* B1	2	#5	STR	10'-3"	21	B76	2	#6	STR	40'-4"	121
* A18	2	#4	STR	17'-2"	23	* B2	2	#5	STR	47'-0"	98	B77	2	#6	STR	39'-5"	118
* A19	2	#4	STR	16'-8"	22	* B3	2	#5	STR	46'-0"	96	B78	2	#6	STR	38'-5"	115
* A20	2	#4	STR	16'-1"	21	* B4	2	#5	STR	45'-1"	94	B79	2	#6	STR	37'-6"	113
* A21	1	#4	STR	29'-0"	19	* B5	2	#5	STR	44'-1"	92	B80	2	#6	STR	36'-6"	110
* A22	1	#4	STR	27'-11"	19	* B6	2	#5	STR	43'-2"	90	B81	2	#6	STR	35'-6"	107
* A23	1	#4	STR	26'-11"	18	* B7	2	#5	STR	42'-2"	88	B82	2	#6	STR	34'-7"	104
* A24	1	#4	STR	25'-11"	17	* B8	2	#5	STR	41'-3"	86	B83	2	#6	STR	33'-7"	101
* A25	1	#4	STR	24'-10"	17	* B9	2	#5	STR	40'-3"	84	B84	2	#6	STR	32'-8"	98
* A26	1	#4	STR	23'-10"	16	* B10	2	#5	STR	39'-3"	82	B85	2	#6	STR	31'-8"	95
* A27	1	#4	STR	22'-9"	15	* B11	2	#5	STR	38'-4"	80	B86	2	#6	STR	30'-8"	92
* A28	1	#4	STR	21'-9"	15	* B12	2	#5	STR	37'-4"	78	B87	2	#6	STR	29'-9"	89
* A29	1	#4	STR	20'-9"	14	* B13	2	#5	STR	36'-5"	76	B88	2	#6	STR	28'-9"	86
* A30	1	#4	STR	19'-8"	13	* B14	2	#5	STR	35'-5"	74	B89	2	#6	STR	27'-10"	84
* A31	1	#4	STR	18'-8"	12	* B15	2	#5	STR	34'-5"	72	B90	2	#6	STR	26'-10"	81
* A32	1	#4	STR	17'-8"	12	* B16	2	#5	STR	33'-6"	70	B91	2	#6	STR	25'-11"	78
* A33	1	#4	STR	16'-7"	11	* B17	2	#5	STR	32'-6"	68	B92	2	#6	STR	9'-11"	30
* A34	1	#4	STR	15'-7"	10	* B18	2	#5	STR	31'-7"	66						
* A35	1	#4	STR	14'-7"	10	* B19	2	#5	STR	30'-7"	64	G1	2	#6	STR	33'-2"	100
* A36	1	#4	STR	13'-6"	9	* B20	2	#5	STR	29'-7"	62						
* A37	1	#4	STR	12'-6"	8	* B21	2	#5	STR	28'-8"	60	* J1	59	#4	1	1'-5"	56
* A38	1	#4	STR	11'-6"	8	* B22	2	#5	STR	27'-8"	58						
* A39	1	#4	STR	11'-4"	8	* B23	2	#5	STR	26'-9"	56	REINFORCING STEEL				LBS.	5792
* A40	1	#4	STR	10'-3"	7	* B24	2	#5	STR	25'-9"	54	* EPOXY COATED REINFORCING STEEL				** LBS.	4299
* A41	1	#4	STR	9'-3"	6	* B25	2	#5	STR	24'-10"	52						
* A42	1	#4	STR	8'-2"	5	* B26	1	#5	STR	24'-4"	25						
* A43	1	#4	STR	7'-2"	5	* B27	1	#5	STR	42'-9"	45	CLASS AA CONCRETE **				C.Y.	69.2
* A44	1	#4	STR	6'-1"	4	* B28	2	#5	STR	41'-10"	87						
* A45	1	#4	STR	5'-1"	3	* B29	2	#5	STR	40'-10"	85						
* A46	1	#4	STR	4'-0"	3	* B30	2	#5	STR	39'-11"	83						
* A47	1	#4	STR	3'-0"	2	* B31	2	#5	STR	38'-11"	81						
* A48	1	#4	STR	2'-0"	1	* B32	2	#5	STR	37'-11"	79						
A49	2	#4	STR	22'-8"	30	* B33	2	#5	STR	37'-0"	77						
A50	2	#4	STR	22'-1"	30	* B34	2	#5	STR	36'-0"	75						
A51	2	#4	STR	21'-7"	29	* B35	2	#5	STR	35'-1"	73						
A52	2	#4	STR	21'-1"	28	* B36	2	#5	STR	34'-1"	71						
A53	2	#4	STR	20'-7"	27	* B37	2	#5	STR	33'-1"	69						
A54	2	#4	STR	20'-0"	27	* B38	2	#5	STR	32'-2"	67						
A55	2	#4	STR	19'-6"	26	* B39	2	#5	STR	31'-2"	65						
A56	2	#4	STR	19'-0"	25	* B40	2	#5	STR	30'-3"	63						
A57	2	#4	STR	18'-6"	25	* B41	2	#5	STR	29'-3"	61						
A58	2	#4	STR	17'-11"	24	* B42	2	#5	STR	28'-4"	59						
A59	2	#4	STR	17'-5"	23	* B43	2	#5	STR	27'-4"	57						
A60	2	#4	STR	16'-11"	23	* B44	2	#5	STR	26'-4"	55						
A61	2	#4	STR	16'-5"	22	* B45	2	#5	STR	25'-5"	53						
A62	2	#4	STR	15'-11"	21	* B46	2	#5	STR	9'-11"	21						
A63	1	#4	STR	29'-0"	19	B47	2	#6	STR	10'-3"	31						
A64	1	#4	STR	27'-11"	19	B48	2	#6	STR	47'-6"	143						
A65	1	#4	STR	26'-11"	18	B49	2	#6	STR	46'-6"	140						
A66	1	#4	STR	25'-11"	17	B50	2	#6	STR	45'-6"	137						
A67	1	#4	STR	24'-10"	17	B51	2	#6	STR	44'-7"	134						
A68	1	#4	STR	23'-10"	16	B52	2	#6	STR	43'-7"	131						
A69	1	#4	STR	22'-9"	15	B53	2	#6	STR	42'-8"	128						
A70	1	#4	STR	21'-9"	15	B54	2	#6	STR	41'-8"	125						
A71	1	#4	STR	20'-9"	14	B55	2	#6	STR	40'-8"	122						
A72	1	#4	STR	19'-8"	13	B56	2	#6	STR	39'-9"	119						
A73	1	#4	STR	18'-8"	12	B57	2	#6	STR	38'-9"	116						
A74	1	#4	STR	17'-8"	12	B58	2	#6	STR	37'-9"	113						
A75	1	#4	STR	16'-7"	11	B59	2	#6	STR	36'-10"	111						

APPROACH SLAB AT EB #2

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	15	#4	STR	24'-4"	244	A76	1	#4	STR	13'-9"	9	B62	2	#6	STR	39'-4"	118
A2	15	#4	STR	24'-4"	244	A77	1	#4	STR	12'-9"	9	B63	2	#6	STR	40'-4"	121
* A3	10	#4	STR	25'-3"	169	A78	1	#4	STR	11'-8"	8	B64	2	#6	STR	41'-4"	124
A4	10	#4	STR	25'-3"	169	A79	1	#4	STR	10'-8"	7	B65	2	#6	STR	42'-3"	127
* A5	2	#4	STR	22'-11"	31	A80	1	#4	STR	10'-7"	7	B66	2	#6	STR	43'-3"	130
* A6	2	#4	STR	22'-5"	30	A81	1	#4	STR	9'-7"	6	B67	2	#6	STR	44'-2"	133
* A7	2	#4	STR	21'-11"	29	A82	1	#4	STR	8'-6"	6	B68	2	#6	STR	45'-2"	136
* A8	2	#4	STR	21'-5"	29	A83	1	#4	STR	7'-6"	5	B69	2	#6	STR	46'-2"	139
* A9	2	#4	STR	20'-11"	28	A84	1	#4	STR	6'-5"	4	B70	2	#6	STR	47'-1"	141
* A10	2	#4	STR	20'-5"	27	A85	1	#4	STR	5'-5"	4	B71	2	#6	STR	48'-1"	144
* A11	2	#4	STR	19'-10"	26	A86	1	#4	STR	4'-4"	3	B72	1	#6	STR	49'-1"	74
* A12	2	#4	STR	19'-4"	26	A87	1	#4	STR	3'-4"	2	B73	1	#6	STR	24'-10"	37
* A13	2	#4	STR	18'-10"	25	A88	1	#4	STR	2'-3"	2	B74	2	#6	STR	25'-3"	76
* A14	2	#4	STR	18'-4"	24							B75	2	#6	STR	26'-3"	79
* A15	2	#4	STR	17'-10"	24	* B1	2	#5	STR	9'-11"	21	B76	2	#6	STR	27'-2"	82
* A16	2	#4	STR	17'-4"	23	* B2	2	#5	STR	25'-5"	53	B77	2	#6	STR	28'-2"	85
* A17	2	#4	STR	16'-9"	22	* B3	2	#5	STR	26'-4"	55	B78	2	#6	STR	29'-1"	87
* A18	2	#4	STR	16'-3"	22	* B4	2	#5	STR	27'-4"	57	B79	2	#6	STR	30'-1"	90
* A19	1	#4	STR	29'-3"	20	* B5	2	#5	STR	28'-4"	59	B80	2	#6	STR	31'-1"	93
* A20	1	#4	STR	28'-3"	19	* B6	2	#5	STR	29'-3"	61	B81	2	#6	STR	32'-0"	96
* A21	1	#4	STR	27'-3"	18	* B7	2	#5	STR	30'-3"	63	B82	2	#6	STR	33'-0"	99
* A22	1	#4	STR	26'-2"	17	* B8	2	#5	STR	31'-2"	65	B83	2	#6	STR	33'-11"	102
* A23	1	#4	STR	25'-2"	17	* B9	2	#5	STR	32'-2"	67	B84	2	#6	STR	34'-11"	105
* A24	1	#4	STR	24'-1"	16	* B10	2	#5	STR	33'-1"	69	B85	2	#6	STR	35'-11"	108
* A25	1	#4	STR	23'-1"	15	* B11	2	#5	STR	34'-1"	71	B86	2	#6	STR	36'-10"	111
* A26	1	#4	STR	22'-1"	15	* B12	2	#5	STR	35'-1"	73	B87	2	#6	STR	37'-10"	114
* A27	1	#4	STR	21'-0"	14	* B13	2	#5	STR	36'-0"	75	B88	2	#6	STR	38'-9"	116
* A28	1	#4	STR	20'-0"	13	* B14	2	#5	STR	37'-0"	77	B89	2	#6	STR	39'-9"	119
* A29	1	#4	STR	18'-11"	13	* B15	2	#5	STR	37'-11"	79	B90	2	#6	STR	40'-8"	122
* A30	1	#4	STR	17'-11"	12	* B16	2	#5	STR	38'-11"	81	B91	2	#6	STR	41'-8"	125
* A31	1	#4	STR	16'-10"	11	* B17	2	#5	STR	39'-11"	83	B92	2	#6	STR	10'-3"	31
* A32	1	#4	STR	15'-10"	11	* B18	2	#5	STR	40'-10"	85						
* A33	1	#4	STR	14'-10"	10	* B19	2	#5	STR	41'-10"	87	G1	2	#6	STR	33'-2"	100
* A34	1	#4	STR	13'-9"	9	* B20	2	#5	STR	42'-9"	89						
* A35	1	#4	STR	12'-9"	9	* B21	2	#5	STR	43'-9"	91	* J1	59	#4	1	1'-5"	56
* A36	1	#4	STR	11'-8"	8	* B22	2	#5	STR	44'-9"	93						
* A37	1	#4	STR	10'-8"	7	* B23	2	#5	STR	45'-8"	95	REINFORCING STEEL				LBS.	5817
* A38	1	#4	STR	10'-7"	7	* B24	2	#5	STR	46'-8"	97	* EPOXY COATED REINFORCING STEEL				** LBS.	4312
* A39	1	#4	STR	9'-7"	6	* B25	2	#5	STR	47'-7"	99						
* A40	1	#4	STR	8'-6"	6	* B26	1	#5	STR	48'-7"	51						
* A41	1	#4	STR	7'-6"	5	* B27	1	#5	STR	24'-4"	25	CLASS AA CONCRETE **				C.Y.	69.4
* A42	1	#4	STR	6'-5"	4	* B28	2	#5	STR	24'-10"	52						
* A43	1	#4	STR	5'-5"	4	* B29	2	#5	STR	25'-9"	54						
* A44	1	#4	STR	4'-4"	3	* B30	2	#5	STR	26'-9"	56						
* A45	1	#4	STR	3'-4"	2	* B31	2	#5	STR	27'-8"	58						
* A46	1	#4	STR	2'-3"	2	* B32	2	#5	STR	28'-8"	60						
A47	2	#4	STR	22'-10"	31	* B33	2	#5	STR	29'-7"	62						
A48	2	#4	STR	22'-4"	30	* B34	2	#5	STR	30'-7"	64						
A49	2	#4	STR	21'-10"	29	* B35	2	#5	STR	31'-7"	66						
A50	2	#4	STR	21'-4"	29	* B36	2	#5	STR	32'-6"	68						
A51	2	#4	STR	20'-9"	28	* B37	2	#5	STR	33'-6"	70						
A52	2	#4	STR	20'-3"	27	* B38	2	#5	STR	34'-5"	72						
A53	2	#4	STR	19'-9"	26	* B39	2	#5	STR	35'-5"	74						
A54	2	#4	STR	19'-3"	26	* B40	2	#5	STR	36'-5"	76						
A55	2	#4	STR	18'-9"	25	* B41	2	#5	STR	37'-4"	78						
A56	2	#4	STR	18'-2"	24	* B42	2	#5	STR	38'-4"	80						
A57	2	#4	STR	17'-8"	24	* B43	2	#5	STR	39'-3"	82						
A58	2	#4	STR	17'-2"	23	* B44	2	#5	STR	40'-3"	84						
A59	2	#4	STR	16'-8"	22	* B45	2	#5	STR	41'-3"	86						
A60	2	#4	STR	16'-1"	21	* B46	2	#5	STR	10'-3"	21						
A61	1	#4	STR	29'-3"	20	B47	2	#6	STR	9'-11"	30						
A62	1	#4	STR	28'-3"	19	B48	2	#6	STR	25'-11"	78						
A63	1	#4	STR	27'-3"	18	B49	2	#6	STR	26'-10"	81						
A64	1	#4	STR	26'-2"	17	B50	2	#6	STR	27'-10"	84						
A65	1	#4	STR	25'-2"	17	B51	2	#6	STR	28'-9"	86						
A66	1	#4	STR	24'-1"	16	B52	2	#6	STR	29'-9"	89						
A67	1	#4	STR	23'-1"	15	B53	2	#6	STR	30'-8"	92						
A68	1	#4	STR	22'-1"	15	B54	2	#6	STR	31'-8"	95						
A69	1	#4	STR	21'-0"	14	B55	2	#6	STR	32'-8"	98						
A70	1	#4	STR	20'-0"	13	B56	2	#6	STR	33'-7"	101						
A71	1	#4	STR	18'-11"	13	B57	2	#6	STR	34'-7"	104						
A72	1	#4	STR	17'-11"	12	B58	2	#6	STR	35'-6"	107						
A73	1	#4	STR	16'-10"	11	B59	2	#6	STR	36'-6"	110						
A74	1	#4	STR	15'-10"	11	B60	2	#6	STR	37'-5"	112						
A75	1	#4	STR	14'-10"	10	B61	2	#6	STR	38'-5"	115						

BAR TYPE



ALL BAR DIMENSIONS ARE OUT TO OUT

THE QUANTITY OF #4 J1 BARS ON THE BILL OF MATERIAL IS BASED ON 1'-0" CENTERS. J1 BARS SHALL BE PLACED AT EACH VERTICAL STUD ANCHOR BOLT. IN THE EVENT THAT THE NUMBER OF VERTICAL STUD ANCHORS EXCEEDS THE NUMBER OF J1 BARS SPECIFIED, ADDITIONAL J1 BARS WILL NOT BE REQUIRED.

** QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED. SEE SHEET 3 OF 4.

PROJECT NO. I-0914BB
WARREN COUNTY
STATION: 197+54.33 -L-

SHEET 4 OF 4

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

BRIDGE APPROACH SLAB
BILL OF MATERIAL

(SOUTHBOUND LANE)

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-36
1			3			TOTAL SHEETS
2			4			72

DRAWN BY: J. T. WILLIAMS DATE: 7-2014
CHECKED BY: J. E. MONDOLFI DATE: 7-2014
DESIGN ENGINEER OF RECORD: J. E. MONDOLFI DATE: 7-2014

PLANS PREPARED BY:
Hatch Mott MacDonald PO Box 700 Fuquay-Varina, NC 27526 (919) 552-2253 www.hatchmott.com
LICENSE NO. F-0669

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 20532 JAMES E. MONDOLFI
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