



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

BILL OF MATERIAL APPROACH SLAB @ END BENT 1

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1E	78	#4	STR	21' - 9"	1,133	B211	2	#6	STR	25' - 7"	77
A2	81	#4	STR	21' - 7"	1,168	B212	3	#6	STR	25' - 8"	116
A100E	2	#4	STR	24' - 4"	33	B213	2	#6	STR	25' - 9"	77
A101E	1	#4	STR	34' - 5"	23	B214	3	#6	STR	25' - 10"	116
A102E	1	#4	STR	22' - 3"	15	B215	2	#6	STR	25' - 11"	78
A103E	1	#4	STR	10' - 1"	7	B216	2	#6	STR	26' - 0"	78
A200	2	#4	STR	24' - 3"	32	B217	3	#6	STR	26' - 1"	118
A201	1	#4	STR	34' - 5"	23	B218	2	#6	STR	26' - 2"	79
A202	1	#4	STR	22' - 3"	15	B219	3	#6	STR	26' - 3"	118
A203	1	#4	STR	10' - 1"	7	B220	2	#6	STR	26' - 4"	79
A3	29	#4	STR	7' - 6"	145	B221	3	#6	STR	26' - 5"	119
B1E	2	#5	STR	9' - 4"	19	B222	2	#6	STR	26' - 6"	80
B2	2	#6	STR	9' - 8"	29	B223	3	#6	STR	26' - 7"	120
B100E	6	#5	STR	24' - 4"	152	B224	2	#6	STR	26' - 8"	80
B101E	6	#5	STR	24' - 7"	154	B225	2	#6	STR	26' - 9"	80
B102E	6	#5	STR	24' - 9"	155	B226	3	#6	STR	26' - 10"	121
B103E	6	#5	STR	25' - 0"	156	B227	2	#6	STR	26' - 11"	81
B104E	6	#5	STR	25' - 2"	157	B228	3	#6	STR	27' - 0"	122
B105E	6	#5	STR	25' - 5"	159	B229	2	#6	STR	27' - 1"	81
B106E	6	#5	STR	25' - 7"	160	B230	3	#6	STR	27' - 2"	122
B107E	6	#5	STR	25' - 10"	162	B231	2	#6	STR	27' - 3"	82
B108E	6	#5	STR	26' - 0"	163	B232	2	#6	STR	27' - 4"	82
B109E	6	#5	STR	26' - 3"	164	B233	3	#6	STR	27' - 5"	124
B110E	6	#5	STR	26' - 5"	165	B234	2	#6	STR	27' - 6"	83
B111E	6	#5	STR	26' - 8"	167	B235	3	#6	STR	27' - 7"	124
B112E	6	#5	STR	26' - 10"	168	B236	2	#6	STR	27' - 8"	83
B113E	6	#5	STR	27' - 1"	169	B237	3	#6	STR	27' - 9"	125
B114E	6	#5	STR	27' - 3"	171	B238	2	#6	STR	27' - 10"	84
B115E	6	#5	STR	27' - 6"	172	B239	2	#6	STR	27' - 11"	84
B116E	6	#5	STR	27' - 8"	173	B240	3	#6	STR	28' - 0"	126
B117E	6	#5	STR	27' - 10"	174	B241	2	#6	STR	28' - 1"	84
B118E	6	#5	STR	28' - 1"	176	B242	3	#6	STR	28' - 2"	127
B119E	7	#5	STR	28' - 3"	206	B243	2	#6	STR	28' - 3"	85
B200	2	#6	STR	24' - 8"	74	B244	2	#6	STR	28' - 4"	85
B201	2	#6	STR	24' - 9"	74	B245	2	#6	STR	28' - 5"	85
B202	2	#6	STR	24' - 10"	75	B246	2	#6	STR	28' - 6"	86
B203	2	#6	STR	24' - 11"	75	B247	3	#6	STR	28' - 7"	129
B204	3	#6	STR	25' - 0"	113	B248	2	#6	STR	28' - 8"	86
B205	3	#6	STR	25' - 1"	113	B249	3	#6	STR	28' - 9"	130
B206	2	#6	STR	25' - 2"	76	J1E	61	#4	3	1' - 5"	58
B207	3	#6	STR	25' - 3"	114	REINFORCING STEEL		LBS.		6,236	
B208	2	#6	STR	25' - 4"	76	EPOXY COATED REINF. STEEL		LBS.		4,611	
B209	2	#6	STR	25' - 5"	76	CLASS AA CONCRETE		C.Y.		71.8	
B210	3	#6	STR	25' - 6"	115						

BILL OF MATERIAL APPROACH SLAB @ END BENT 2

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1E	87	#4	STR	21' - 9"	1,264
A2	90	#4	STR	21' - 7"	1,298
A3	26	#4	STR	7' - 6"	130
B1E	2	#5	STR	9' - 4"	19
B2	2	#6	STR	9' - 8"	29
B300E	29	#5	STR	24' - 4"	736
B301E	29	#5	STR	24' - 5"	739
B302E	27	#5	STR	24' - 6"	690
B303E	26	#5	STR	24' - 7"	667
B304E	10	#5	STR	24' - 8"	257
B400	29	#6	STR	24' - 8"	1,074
B401	29	#6	STR	24' - 9"	1,078
B402	27	#6	STR	24' - 10"	1,007
B403	26	#6	STR	24' - 11"	973
B404	10	#6	STR	25' - 0"	376
J1E	61	#4	3	1' - 5"	58
REINFORCING STEEL					LBS. 6,023
EPOXY COATED REINF. STEEL					LBS. 4,372
CLASS AA CONCRETE					C.Y. 66.7

BILL OF MATERIAL BARRIER RAIL ONLY

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B3E	22	#5	STR	9' - 8"	222
S1E	20	#5	1	5' - 1"	106
S2E	16	#5	2	7' - 0"	117
S3E	4	#5	2	5' - 6"	23
EPOXY COATED REINF. STEEL					LBS. 468
CLASS AA CONCRETE					C.Y. 2.7
CONC. BARRIER RAIL					LIN. FT. 20.0

SPlice LENGTHS

BAR SIZE	EPOXY COATED	UNCOATED
#4	2'-0"	1'-9"
#5	2'-6"	2'-2"
#6	3'-10"	2'-7"

PROJECT NO. U-2524D
GUILFORD COUNTY
 STATION: 495+22.00 -LREV-
 SHEET 3 OF 3

5/17/2016 5:18:37 PM
 File name: Y:\Projects\NCDOT\U-2524D\Site-2\DWG\Left\Final\403.033.U2524D_SWL_AS04.dgn

DRAWN BY: M. D. MAYHEW DATE: 3-18-16
 CHECKED BY: N. B. SPEAKS DATE: 3-22-16

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 5/17/2016
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STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
BRIDGE APPROACH SLAB DETAILS					
LEFT LANES					
REVISIONS					SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
					TOTAL SHEETS
					35