BILL OF MATERIAL

STAGE I

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✳ A1	334	#5	STR	31'-11"	11,119
✳ A2	1	#5	STR	30'-5"	32
✳ A3	1	#5	STR	27'-10"	29
✳ A4	1	#5	STR	25'-2"	26
✳ A5	1	#5	STR	22'-7"	24
✳ A6	1	#5	STR	19'-11"	21
✳ A7	1	#5	STR	17'-3"	18
✳ A8	1	#5	STR	14'-8"	15
✳ A9	1	#5	STR	12'-0"	13
✳A10	1	#5	STR	9'-5"	10
✳A11	1	#5	STR	6'-9"	7
✳A12	1	#5	STR	4'-2"	4
✳A13	1	#5	STR	29'-7"	31
✳A14	1	#5	STR	27'-0"	28
✳A15	1	#5	STR	24'-4"	25
✳A16	1	#5	STR	21'-9"	23
✳A17	1	#5	STR	19'-1"	20
✳A18	1	#5	STR	16'-6"	17
✳A19	1	#5	STR	13'-10"	14
✳A20	1	#5	STR	11'-2"	12
✳A21	1	#5	STR	8'-7"	9
✳A22	1	#5	STR	5'-11"	6
✳A23	1	#5	STR	3'-4"	3
A24	334	#5	STR	31'-11"	11,119
A25	1	#5	STR	30'-5"	32
A26	1	#5	STR	27'-10"	29
A27	1	#5	STR	25'-2"	26
A28	1	#5	STR	22'-7"	24
A29	1	#5	STR	19'-11"	21
A30	1	#5	STR	17'-3"	18
A31	1	#5	STR	14'-8"	15
A32	1	#5	STR	12'-0"	13
A33	1	#5	STR	9'-5"	10
A34	1	#5	STR	6'-9"	7
A35	1	#5	STR	4'-2"	4
A36	1	#5	STR	29'-7"	31
A37	1	#5	STR	27'-0"	28
A38	1	#5	STR	24'-4"	25
A39	1	#5	STR	21'-9"	23
A40	1	#5	STR	19'-1"	20
A41	1	#5	STR	16'-6"	17
A42	1	#5	STR	13'-10"	14
A43	1	#5	STR	11'-2"	12
A44	1	#5	STR	8'-7"	9
A45	1	#5	STR	5'-11"	6
A46	1	#5	STR	3'-4"	3
✳ B1	176	#4	STR	27'-0"	3,174
B2	100	#5	STR	52'-1"	5,432
✳ B3	42	#6	STR	32'-0"	2,019
✳ B4	84	#6	STR	21'-0"	2,650
✳ D1	690	#5	STR	5'-11"	4,258
H1	26	#6	STR	19'-3"	752
H2	2	#6	STR	12'-0"	36
H3	26	#6	STR	19'-9"	771
H4	2	#6	STR	13'-0"	39
K1	24	#4	STR	20'-6"	329
K2	24	#4	STR	8'-0"	128
K3	6	#4	STR	6'-5"	26
K4	6	#4	STR	4'-11"	20
K5	8	#4	STR	6'-6"	35
K6	2	#4	STR	5'-8"	8
K7	2	#4	STR	5'-0"	7
K8	8	#4	STR	4'-2"	22
K9	2	#4	STR	3'-4"	4
K11	12	#4	STR	17'-1"	137
K12	24	#4	STR	7'-11"	127
K13	6	#4	STR	6'-4"	25
K14	6	#4	STR	4'-11"	20
K15	8	#4	STR	4'-2"	22

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
K16	2	#4	STR	3'-4"	4
✳ S1	40	#4	1	11'-1"	296
✳ S2	40	#4	1	11'-11"	318
S3	18	#4	3	17'-2"	206
S4	90	#4	4	2'-9"	165
U1	42	#4	2	13'-3"	372
U2	6	#4	2	16'-10"	67
V2	10	#4	STR	6'-7"	44
V3	32	#4	STR	6'-5"	137
V4	32	#4	STR	6'-3"	134

STAGE I SIDEWALK

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✳ B1	48	#4	STR	27'-0"	866
✳ G1	202	#4	STR	5'-1"	686
✳ U3	58	#4	2	3'-6"	136

STAGE I
REINFORCING STEEL 20,575 LBS.

✳ STAGE I
EPOXY COATED REINF. STEEL 25,909 LBS.

STAGE II

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✳A47	332	#5	STR	35'-11"	12,437
✳A48	1	#5	STR	33'-7"	35
✳A49	1	#5	STR	31'-0"	32
✳A50	1	#5	STR	28'-4"	30
✳A51	1	#5	STR	25'-9"	27
✳A52	1	#5	STR	23'-1"	24
✳A53	1	#5	STR	20'-6"	21
✳A54	1	#5	STR	17'-10"	19
✳A55	1	#5	STR	15'-2"	16
✳A56	1	#5	STR	12'-7"	13
✳A57	1	#5	STR	9'-11"	10
✳A58	1	#5	STR	7'-4"	8
✳A59	1	#5	STR	4'-8"	5
✳A60	1	#5	STR	2'-1"	2
✳A61	1	#5	STR	35'-1"	37
✳A62	1	#5	STR	33'-1"	35
✳A63	1	#5	STR	30'-5"	32
✳A64	1	#5	STR	27'-9"	29
✳A65	1	#5	STR	25'-2"	26
✳A66	1	#5	STR	22'-6"	23
✳A67	1	#5	STR	19'-11"	21
✳A68	1	#5	STR	17'-3"	18
✳A69	1	#5	STR	14'-8"	15
✳A70	1	#5	STR	12'-0"	13
✳A71	1	#5	STR	9'-4"	10
✳A72	1	#5	STR	6'-9"	7
✳A73	1	#5	STR	4'-1"	4
A74	332	#5	STR	35'-11"	12,437
A75	1	#5	STR	33'-7"	35
A76	1	#5	STR	31'-0"	32
A77	1	#5	STR	28'-4"	30
A78	1	#5	STR	25'-9"	27
A79	1	#5	STR	23'-1"	24
A80	1	#5	STR	20'-6"	21
A81	1	#5	STR	17'-10"	19
A82	1	#5	STR	15'-2"	16
A83	1	#5	STR	12'-7"	13
A84	1	#5	STR	9'-11"	10
A85	1	#5	STR	7'-4"	8
A86	1	#5	STR	4'-8"	5
A87	1	#5	STR	2'-1"	2
A88	1	#5	STR	35'-1"	37
A89	1	#5	STR	33'-1"	35
A90	1	#5	STR	30'-5"	32
A91	1	#5	STR	27'-9"	29
A92	1	#5	STR	25'-2"	26
A93	1	#5	STR	22'-6"	23
A94	1	#5	STR	19'-11"	21
A95	1	#5	STR	17'-3"	18
A96	1	#5	STR	14'-8"	15
A97	1	#5	STR	12'-0"	13
A98	1	#5	STR	9'-4"	10
A99	1	#5	STR	6'-9"	7
A100	1	#5	STR	4'-1"	4
✳ B1	200	#4	STR	27'-0"	3,607
B2	112	#6	STR	52'-1"	8,762
✳ B3	48	#5	STR	32'-0"	1,602
✳ B4	96	#5	STR	21'-0"	2,103
✳ D1	690	#5	STR	5'-11"	4,258
H5	26	#5	STR	19'-10"	538
H6	2	#5	STR	9'-0"	19
H7	26	#5	STR	19'-3"	522
H8	2	#5	STR	12'-6"	26
K18	24	#4	STR	22'-7"	362
K19	24	#4	STR	9'-4"	150
K20	6	#4	STR	7'-9"	31
K21	6	#4	STR	6'-4"	25
K22	8	#4	STR	6'-6"	35
K23	2	#4	STR	5'-8"	8

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
K24	2	#4	STR	5'-0"	7
K25	8	#4	STR	4'-2"	22
K26	2	#4	STR	3'-4"	4
K28	12	#4	STR	19'-1"	153
K29	24	#4	STR	9'-4"	150
K30	6	#4	STR	7'-8"	31
K31	6	#4	STR	6'-3"	25
K32	8	#4	STR	4'-2"	22
K33	2	#4	STR	3'-4"	4
✳ S1	46	#4	1	11'-1"	341
✳ S2	46	#4	1	11'-11"	366
S3	21	#4	3	17'-2"	241
S4	105	#4	4	2'-9"	193
U1	48	#4	2	13'-3"	425
U2	6	#4	2	16'-11"	68
V5	10	#4	STR	6'-7"	44
V6	32	#4	STR	6'-5"	137
V7	32	#4	STR	6'-3"	134

STAGE II SIDEWALK

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✳ B1	48	#4	STR	27'-0"	866
✳ G1	202	#4	STR	5'-1"	686
✳ U3	58	#4	2	3'-6"	136

STAGE II
REINFORCING STEEL 25,087 LBS.

✳ STAGE II
EPOXY COATED REINF. STEEL 26,914 LBS.

STAGE III

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✳B1	24	#4	STR	27'-0"	433
B2	20	#5	STR	52'-1"	1,086
✳B3	4	#6	STR	32'-0"	192
✳B4	8	#6	STR	21'-0"	252
K34	42	#6	STR	3'-9"	237
✳S1	10	#4	1	11'-1"	74
✳S2	10	#4	1	11'-11"	80
S3	5	#4	3	17'-2"	57
S4	25	#4	4	2'-9"	46
U1	10	#4	2	13'-3"	89

STAGE III
REINFORCING STEEL 1,515 LBS.

✳ STAGE III
EPOXY COATED REINF. STEEL 1,031 LBS.

✳ DENOTES EPOXY COATED REINFORCING STEEL

DRAWN BY: M. BURNS DATE : 08/14
CHECKED BY: D. RUGGLES DATE : 09/14
DESIGN ENGINEER OF RECORD: D. RUGGLES DATE : 09/14

PROJECT NO. I-0914BA
VANCE COUNTY
STATION: 22+06.96 -Y1- POT
SHEET 1 OF 2

NORTH CAROLINA PROFESSIONAL SEAL 11725 ENGINEER DAVID R. RUGGLES

DocuSigned by: David Ruggles C462768DF412422... 11/17/2014

DWG. 33 OF 48

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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD
SUPERSTRUCTURE
BILL OF MATERIAL

REVISIONS							
NO.	BY:	DATE:	NO.	BY:	DATE:	SHEET NO.	
1			3			S-33	
2			4			TOTAL SHEETS	
						177	