DocuSign Envelope ID: 37628BD3-46A4-4920-A292-67ED288106E5

BAR SCHEDULE

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1	87	#5	5	5'-11"	537
A2	191	#5	5	5'-5"	1079
A100	16	#5	STR	35'-4"	590
A101	1	#5	STR	33'-8"	35
A102	1	#5	STR	31'-9"	33
A103	1	#5	STR	29'-10"	31
A104	1	#5	STR	28'-0"	29
A105	1	#5	STR	26'-1"	27
A106	1	#5	STR	24'-3"	25
A107	1	#5	STR	22'-4"	23
A108	1	#5	STR	20'-5"	21
A109	1	#5	STR	18'-7"	19
A110	1	#5	STR	16'-8"	17
A111	1	#5	STR	14'-10"	15
A112	1	#5	STR	12'-11"	13
A113	1	#5	STR	11'-1"	12
A114	1	#5	STR	9'-2"	10
A115	1	#5	STR	7'-3"	8
A116	1	#5	STR	5'-5"	6
A117	1	#5	STR	3'-6"	4
A150	1	#5	STR	34'-0"	35
A151	1	#5	STR	32'-9"	34
A152	1	#5	STR	31'-5"	33
A153	1	#5	STR	30'-2"	31
A154	1	#5	STR	28'-11"	30
A155	1	#5	STR	27'-8"	29
A156	1	#5	STR	26'-4"	27
A157	1	#5	STR	25'-1"	26
A158	1	#5	STR	23'-9"	25
A159	1	#5	STR	22'-6"	23
A160	1	#5	STR	21'-3"	22
A161	1	#5	STR	19'-11"	21
A162	1	#5	STR	18'-8"	19
A163	1	#5	STR	17'-5"	18
A164	1	#5	STR	16'-1"	17
A165	1	#5	STR	14'-9"	15
A166	1	#5	STR	13'-6"	14
A167	1	#5	STR	12'-3"	13
A168	1	#5	STR	11'-0"	11
A169	1	#5	STR	9'-9"	10
A170	1	#5	STR	8'-5"	9
A171	1	#5	STR	7'-2"	7
A172	1	#5	STR	5'-11"	6
A173	1	#5	STR	4'-7"	5
A174	1	#5	STR	3'-4"	3

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A200	29	#5	STR	27'-5"	829
A201	1	#5	STR	25'-9"	27
A202	1	#5	STR	23'-8"	25
A203	1	#5	STR	21'-6"	22
A204	1	#5	STR	19'-5"	20
A205	1	#5	STR	17'-3"	18
A206	1	#5	STR	15'-2"	16
A207	1	#5	STR	13'-1"	14
A208	1	#5	STR	10'-11"	11
A209	1	#5	STR	8'-10"	9
A210	1	#5	STR	6'-8"	7
A211	1	#5	STR	4'-7"	5
A212	1	#5	STR	27'-9"	29
A213	1	#5	STR	26'-4"	27
A214	1	#5	STR	24'-11"	26
A215	1	#5	STR	23'-5"	24
A216	1	#5	STR	22'-0"	23
A217	1	#5	STR	20'-7"	21
A218	1	#5	STR	19'-2"	20
A219	1	#5	STR	17'-8"	18
A220	1	#5	STR	16'-3"	17
A221	1	#5	STR	14'-10"	15
A222	1	#5	STR	13'-4"	14
A223	1	#5	STR	12'-2"	13
A224	1	#5	STR	11'-3"	12
A225	1	#5	STR	10'-3"	11
A226	1	#5	STR	9'-3"	10
A227	1	#5	STR	8'-3"	9
A228	1	#5	STR	7'-3"	8
A229	1	#5	STR	6'-4"	7
A230	1	#5	STR	5'-4"	6
A231	1	#5	STR	4'-4"	5
A232	1	#5	STR	3'-4"	3
A250	27	#5	STR	10'-4"	291
A251	1	#5	STR	8'-2"	9
A252	1	#5	STR	6'-1"	6
A253	1	#5	STR	3'-11"	4
A254	1	#5	STR	10'-9"	11
A255	1	#5	STR	12'-0"	13
A256	1	#5	STR	13'-3"	14
A257	1	#5	STR	14'-6"	15
A258	1	#5	STR	15'-8"	16
A259	1	#5	STR	15'-8"	16
A260	1	#5	STR	14'-3"	15
A261	1	#5	STR	12'-10"	13
A262	1	#5	STR	11'-5"	12
A263	1	#5	STR	9'-11"	10
A264	1	#5	STR	8'-6"	9
A265	1	#5	STR	7'-1"	7
A266	1	#5	STR	5'-8"	6
A267	1	#5	STR	4'-2"	4

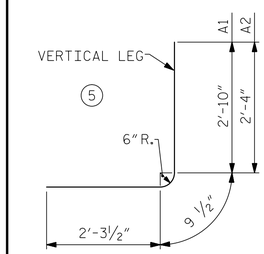
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A300	18	#5	STR	35'-4"	663
A301	1	#5	STR	33'-10"	35
A302	1	#5	STR	32'-3"	34
A303	1	#5	STR	30'-7"	32
A304	1	#5	STR	28'-11"	30
A305	1	#5	STR	27'-3"	28
A306	1	#5	STR	25'-8"	27
A307	1	#5	STR	24'-0"	25
A308	1	#5	STR	22'-4"	23
A309	1	#5	STR	20'-8"	22
A310	1	#5	STR	19'-1"	20
A311	1	#5	STR	17'-5"	18
A312	1	#5	STR	15'-9"	16
A313	1	#5	STR	14'-1"	15
A314	1	#5	STR	12'-6"	13
A315	1	#5	STR	10'-10"	11
A316	1	#5	STR	9'-2"	10
A317	1	#5	STR	7'-6"	8
A318	1	#5	STR	5'-10"	6
A319	1	#5	STR	4'-3"	4
A350	1	#5	STR	34'-4"	36
A351	1	#5	STR	33'-3"	35
A352	1	#5	STR	32'-1"	33
A353	1	#5	STR	31'-0"	32
A354	1	#5	STR	29'-10"	31
A355	1	#5	STR	28'-9"	30
A356	1	#5	STR	27'-7"	29
A357	1	#5	STR	26'-6"	28
A358	1	#5	STR	25'-5"	27
A359	1	#5	STR	24'-3"	25
A360	1	#5	STR	23'-2"	24
A361	1	#5	STR	22'-0"	23
A362	1	#5	STR	20'-11"	22
A363	1	#5	STR	19'-9"	21
A364	1	#5	STR	18'-8"	19
A365	1	#5	STR	17'-6"	18
A366	1	#5	STR	16'-5"	17
A367	1	#5	STR	15'-4"	16
A368	1	#5	STR	14'-2"	15
A369	1	#5	STR	13'-1"	14
A370	1	#5	STR	11'-11"	12
A371	1	#5	STR	10'-10"	11
A372	1	#5	STR	9'-8"	10
A373	1	#5	STR	8'-7"	9
A374	1	#5	STR	7'-6"	8
A375	1	#5	STR	6'-4"	7
A376	1	#5	STR	5'-3"	5
A377	1	#5	STR	4'-1"	4
A378	1	#5	STR	3'-0"	3

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A400	37	#6	STR	27'-9"	1542
A401	1	#6	STR	27'-6"	41
A402	1	#6	STR	25'-10"	39
A403	1	#6	STR	24'-3"	36
A404	1	#6	STR	22'-7"	34
A405	1	#6	STR	20'-11"	31
A406	1	#6	STR	19'-3"	29
A407	1	#6	STR	17'-8"	27
A408	1	#6	STR	16'-0"	24
A409	1	#6	STR	14'-4"	22
A410	1	#6	STR	12'-8"	19
A411	1	#6	STR	11'-0"	17
A412	1	#6	STR	9'-5"	14
A413	1	#6	STR	7'-9"	12
A414	1	#6	STR	6'-1"	9
A415	1	#6	STR	4'-5"	7
A416	1	#6	STR	27'-6"	41
A417	1	#6	STR	26'-4"	40
A418	1	#6	STR	25'-3"	38
A419	1	#6	STR	24'-1"	36
A420	1	#6	STR	23'-0"	35
A421	1	#6	STR	21'-11"	33
A422	1	#6	STR	20'-9"	31
A423	1	#6	STR	19'-8"	30
A424	1	#6	STR	18'-6"	28
A425	1	#6	STR	17'-5"	26
A426	1	#6	STR	16'-3"	24
A427	1	#6	STR	15'-2"	23
A428	1	#6	STR	14'-1"	21
A429	1	#6	STR	12'-11"	19
A430	1	#6	STR	12'-2"	18
A431	1	#6	STR	11'-5"	17
A432	1	#6	STR	10'-8"	16
A433	1	#6	STR	9'-11"	15
A434	1	#6	STR	9'-2"	14
A435	1	#6	STR	8'-4"	13
A436	1	#6	STR	7'-7"	11
A437	1	#6	STR	6'-10"	10
A438	1	#6	STR	6'-1"	9
A439	1	#6	STR	5'-4"	8
A440	1	#6	STR	4'-7"	7
A441	1	#6	STR	3'-9"	6
A442	1	#6	STR	3'-0"	5

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A450	35	#6	STR	10'-4"	543
A451	1	#6	STR	8'-9"	13
A452	1	#6	STR	7'-1"	11
A453	1	#6	STR	5'-5"	8
A454	1	#6	STR	3'-10"	6
A455	1	#6	STR	11'-1"	17
A456	1	#6	STR	12'-0"	18
A457	1	#6	STR	13'-0"	20
A458	1	#6	STR	14'-0"	21
A459	1	#6	STR	14'-11"	22
A460	1	#6	STR	15'-11"	24
A461	1	#6	STR	15'-11"	24
A462	1	#6	STR	14'-9"	22
A463	1	#6	STR	13'-8"	21
A464	1	#6	STR	12'-7"	19
A465	1	#6	STR	11'-5"	17
A466	1	#6	STR	10'-4"	16
A467	1	#6	STR	9'-2"	14
A468	1	#6	STR	8'-1"	12
A469	1	#6	STR	6'-11"	10
A470	1	#6	STR	5'-10"	9
A471	1	#6	STR	4'-9"	7
B1	57	#4	STR	10'-7"	403
B2	87	#4	STR	8'-11"	518
B3	104	#4	STR	10'-7"	735
C1	92	#4	STR	19'-1"	1173
C2	168	#4	STR	15'-3"	1711
D1	60	#6	STR	2'-6"	225
D2	26	#6	STR	1'-11"	75
G1	4	#5	STR	39'-8"	165
S2	3	#8	STR	31'-11"	256
S3	6	#6	STR	29'-4"	264
S4	3	#8	STR	11'-8"	93
S5	6	#6	STR	10'-11"	98
S6	3	#8	STR	39'-8"	318
S7	6	#6	STR	37'-6"	338

REINFORCING STEEL 16,136 LBS

BAR TYPE



DIMENSIONS ARE OUT TO OUT

SPLICE LENGTHS CHART

BAR	SIZE	SPLICE LENGTH
A200	#5	2'-4"
A400	#6	2'-9"
"B"	#4	1'-10"
C1	#4	2'-5"
"S"	#6	2'-9"
"S"	#8	3'-8"

PROJECT NO. A-0009CA

GRAHAM COUNTY

STATION: 113+69.00 -L-

SHEET 7 OF 8

NORTH CAROLINA PROFESSIONAL SEAL 20125 ENGINEER MARSHALL C. CHEEK, JR.

Marshall C. Cheek, Jr.

DocuSigned by: 9BCCF34ADC41

6/1/2022

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

TGS ENGINEERS
706 HILLSBOROUGH STREET
SUITE 200
RALEIGH, NC 27603
PH (919) 773-8887
CORP. LICENSE NO.: C-0275

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

TRIPLE 11 FT. X 9.2 FT. CONCRETE BOX CULVERT LEFT EXTENSION

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C4-7
1			3			TOTAL SHEETS
2			4			8

STR. #4

DRAWN BY : ZCS DATE : 7/21
CHECKED BY : MGC DATE : 9/21
DESIGN ENGINEER OF RECORD: ZCS DATE : 4/22

6/1/2022
X:\NCDOT\A-0009\Structures\A-0009CA\STR. #4 113+69.00 -L-\Final Plans\DGNs\414_013_A-0009CA_SMU_CU07_370133.dgn
User:ZSmith