DocuSign Envelope ID: 33884469-6771-4110-B86C-7FFBE3A883ED

BAR SCHEDULE STAGE I

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1	78	#6	1	7'-11"	927	A400	26	#5	STR	7'-6"	203
A2	78	#6	1	7'-11"	927	A401	2	#5	STR	7'-4"	15
A3	52	#4	1	5'-4"	185	A402	2	#5	STR	6'-0"	13
						A403	2	#5	STR	4'-8"	10
A100	12	#5	STR	17'-8"	221	A404	2	#5	STR	3'-4"	7
A101	4	#5	STR	16'-8"	70	A405	2	#5	STR	2'-0"	4
A102	4	#5	STR	15'-4"	64	A406	2	#5	STR	1'-4"	3
A103	4	#5	STR	14'-0"	58						
A104	4	#5	STR	12'-8"	53	A408	2	#5	STR	3'-8"	8
A105	4	#5	STR	11'-4"	47	A409	2	#5	STR	5'-0"	10
A106	4	#5	STR	10'-0"	42	A410	2	#5	STR	6'-4"	13
A107	4	#5	STR	8'-8"	36						
A108	4	#5	STR	7'-4"	31	A450	20	#5	STR	12'-7"	262
A109	4	#5	STR	6'-0"	25	A451	2	#5	STR	11'-7"	24
A110	4	#5	STR	4'-8"	19	A452	2	#5	STR	10'-3"	21
A111	4	#5	STR	3'-4"	14	A453	2	#5	STR	8'-11"	19
A112	4	#5	STR	2'-0"	8	A454	2	#5	STR	7'-7"	16
A113	2	#5	STR	1'-4"	3	A455	2	#5	STR	6'-3"	13
						A456	2	#5	STR	4'-11"	10
A200	26	#5	STR	7'-6"	203	A457	2	#5	STR	3'-7"	7
A201	2	#5	STR	7'-4"	15	A458	2	#5	STR	2'-0"	4
A202	2	#5	STR	6'-0"	13	A459	2	#5	STR	3'-4"	7
A203	2	#5	STR	4'-8"	10	A460	2	#5	STR	4'-8"	10
A204	2	#5	STR	3'-4"	7	A461	2	#5	STR	6'-0"	13
A205	2	#5	STR	2'-0"	4	A462	2	#5	STR	7'-4"	15
A206	2	#5	STR	1'-4"	3	A463	2	#5	STR	8'-8"	18
						A464	2	#5	STR	10'-0"	21
A208	2	#5	STR	3'-8"	8	A465	2	#5	STR	11'-4"	24
A209	2	#5	STR	5'-0"	10						
A210	2	#5	STR	6'-4"	13	B1	52	#4	STR	6'-6"	226
						B3	52	#4	STR	6'-6"	226
A250	20	#5	STR	12'-7"	262						
A251	2	#5	STR	11'-7"	24	C1	63	#4	STR	27'-11"	1175
A252	2	#5	STR	10'-3"	21						
A253	2	#5	STR	8'-11"	19	D1	3	#6	STR	3'-1"	14
A254	2	#5	STR	7'-7"	16	D2	3	#6	STR	2'-1"	9
A255	2	#5	STR	6'-3"	13						
A256	2	#5	STR	4'-11"	10	G1	4	#5	STR	24'-10"	104
A257	2	#5	STR	3'-7"	7						
A258	2	#5	STR	2'-0"	4	S1	9	#8	STR	24'-10"	597
A259	2	#5	STR	3'-4"	7	S2	9	#8	STR	19'-10"	477
A260	2	#5	STR	4'-8"	10	S3	9	#8	STR	10'-7"	254
A261	2	#5	STR	6'-0"	13						
A262	2	#5	STR	7'-4"	15						
A263	2	#5	STR	8'-8"	18						
A264	2	#5	STR	10'-0"	21						
A265	2	#5	STR	11'-4"	24						
A300	12	#5	STR	17'-8"	221						
A301	4	#5	STR	16'-8"	70						
A302	4	#5	STR	15'-4"	64						
A303	4	#5	STR	14'-0"	58						
A304	4	#5	STR	12'-8"	53						
A305	4	#5	STR	11'-4"	47						
A306	4	#5	STR	10'-0"	42						
A307	4	#5	STR	8'-8"	36						
A308	4	#5	STR	7'-4"	31						
A309	4	#5	STR	6'-0"	25						
A310	4	#5	STR	4'-8"	19						
A311	4	#5	STR	3'-4"	14						
A312	4	#5	STR	2'-0"	8						
A313	2	#5	STR	1'-4"	3						

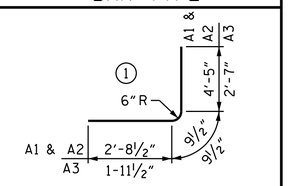
REINFORCING STEEL LBS. 8,043

BAR SCHEDULE STAGE II

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1	142	#6	1	7'-11"	1689	A400	58	#5	STR	7'-6"	454
A2	142	#6	1	7'-11"	1689	A401	2	#5	STR	7'-4"	15
A3	94	#4	1	5'-4"	335	A402	2	#5	STR	6'-0"	13
						A403	2	#5	STR	4'-8"	10
A100	44	#5	STR	17'-8"	811	A404	2	#5	STR	3'-4"	7
A101	4	#5	STR	16'-8"	70	A405	2	#5	STR	2'-0"	4
A102	4	#5	STR	15'-4"	64	A406	2	#5	STR	1'-4"	3
A103	4	#5	STR	14'-0"	58						
A104	4	#5	STR	12'-8"	53	A408	2	#5	STR	3'-8"	8
A105	4	#5	STR	11'-4"	47	A409	2	#5	STR	5'-0"	10
A106	4	#5	STR	10'-0"	42	A410	2	#5	STR	6'-4"	13
A107	4	#5	STR	8'-8"	36						
A108	4	#5	STR	7'-4"	31	A450	52	#5	STR	12'-7"	682
A109	4	#5	STR	6'-0"	25	A451	2	#5	STR	11'-7"	24
A110	4	#5	STR	4'-8"	19	A452	2	#5	STR	10'-3"	21
A111	4	#5	STR	3'-4"	14	A453	2	#5	STR	8'-11"	19
A112	4	#5	STR	2'-0"	8	A454	2	#5	STR	7'-7"	16
A113	2	#5	STR	1'-4"	3	A455	2	#5	STR	6'-3"	13
						A456	2	#5	STR	4'-11"	10
A200	58	#5	STR	7'-6"	454	A457	2	#5	STR	3'-7"	7
A201	2	#5	STR	7'-4"	15	A458	2	#5	STR	2'-0"	4
A202	2	#5	STR	6'-0"	13	A459	2	#5	STR	3'-4"	7
A203	2	#5	STR	4'-8"	10	A460	2	#5	STR	4'-8"	10
A204	2	#5	STR	3'-4"	7	A461	2	#5	STR	6'-0"	13
A205	2	#5	STR	2'-0"	4	A462	2	#5	STR	7'-4"	15
A206	2	#5	STR	1'-4"	3	A463	2	#5	STR	8'-8"	18
						A464	2	#5	STR	10'-0"	21
A208	2	#5	STR	3'-8"	8	A465	2	#5	STR	11'-4"	24
A209	2	#5	STR	5'-0"	10						
A210	2	#5	STR	6'-4"	13	B1	94	#4	STR	6'-6"	408
						B3	94	#4	STR	6'-6"	408
A250	52	#5	STR	12'-7"	682						
A251	2	#5	STR	11'-7"	24	C2	126	#4	STR	24'-3"	2041
A252	2	#5	STR	10'-3"	21						
A253	2	#5	STR	8'-11"	19	D1	6	#6	STR	3'-1"	28
A254	2	#5	STR	7'-7"	16	D2	6	#6	STR	2'-1"	19
A255	2	#5	STR	6'-3"	13						
A256	2	#5	STR	4'-11"	10	G1	4	#5	STR	24'-10"	104
A257	2	#5	STR	3'-7"	7						
A258	2	#5	STR	2'-0"	4	S1	9	#8	STR	24'-10"	597
A259	2	#5	STR	3'-4"	7	S2	9	#8	STR	19'-10"	477
A260	2	#5	STR	4'-8"	10	S3	9	#8	STR	10'-7"	254
A261	2	#5	STR	6'-0"	13						
A262	2	#5	STR	7'-4"	15						
A263	2	#5	STR	8'-8"	18						
A264	2	#5	STR	10'-0"	21						
A265	2	#5	STR	11'-4"	24						
A300	44	#5	STR	17'-8"	811						
A301	4	#5	STR	16'-8"	70						
A302	4	#5	STR	15'-4"	64						
A303	4	#5	STR	14'-0"	58						
A304	4	#5	STR	12'-8"	53						
A305	4	#5	STR	11'-4"	47						
A306	4	#5	STR	10'-0"	42						
A307	4	#5	STR	8'-8"	36						
A308	4	#5	STR	7'-4"	31						
A309	4	#5	STR	6'-0"	25						
A310	4	#5	STR	4'-8"	19						
A311	4	#5	STR	3'-4"	14						
A312	4	#5	STR	2'-0"	8						
A313	2	#5	STR	1'-4"	3						

REINFORCING STEEL LBS. 13,493

BAR TYPE



BAR DIMENSIONS ARE OUT TO OUT.

SPLICE LENGTHS

BAR TYPE	UNCOATED
#4	1'-11"
#5	2'-5"
#6	3'-1"
#7	4'-3"
#8	5'-6"

STAGE I QUANTITIES

CLASS A CONCRETE
- BARREL @ 1.704 CY/FT — 44.3 CY
- WINGS, ETC. — 11.3 CY
- SILLS — 1.2 CY
- TOTAL — 56.8 CY

REINFORCING STEEL
- BARREL & SILLS — 8,043 LBS.
- WINGS, ETC. — 460 LBS.
- TOTAL — 8,503 LBS.

STAGE II QUANTITIES

CLASS A CONCRETE
- BARREL @ 1.704 CY/FT — 80.1 CY
- WINGS, ETC. — 11.3 CY
- SILLS — 1.6 CY
- TOTAL — 93.0 CY

REINFORCING STEEL
- BARREL & SILLS — 13,493 LBS.
- WINGS, ETC. — 460 LBS.
- TOTAL — 13,953 LBS.

PROJECT NO. 17BP.14.R.79
GRAHAM COUNTY
STATION: 11+53.30 -L-

SHEET 8 OF 11

DRAWN BY : M. HOBBS DATE : 10/2014
CHECKED BY : M. MILLS DATE : 10/2014

DESIGN ENGINEER OF RECORD:
DocuSigned by: Thomas M. Harris
C8D89699648B4D3...
DATE: 12/14/2018

WSP USA Inc.
434 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
TEL: 1.919.836.4040
LICENSE NO. F-0165

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NORTH CAROLINA PROFESSIONAL SEAL 19299 ENGINEER THOMAS M. HARRIS

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

DOUBLE 8FT. X 5FT. CONCRETE BOX CULVERT STAGES I & II BILL OF MATERIAL

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C-8
1			3			TOTAL SHEETS
2			4			11