BILL OF MATERIAL - STAGE I

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1	39	#4	1	4'-7"	119	A400	25	#4	STR.	20'-5"	341
A2	39	#4	1	4'-0"	104						
						A401	2	#4	STR.	18'-0"	24
A100	23	#4	STR.	20'-5"	314	A402	2	#4	STR.	15'-3"	20
						A403	2	#4	STR.	12'-6"	17
A101	1	#4	STR.	19'-6"	13	A404	2	#4	STR.	9'-9"	13
A102	2	#4	STR.	16'-6"	22	A405	2	#4	STR.	7'-0"	9
A103	2	#4	STR.	13'-6"	18	A406	2	#4	STR.	4'-3"	6
A104	2	#4	STR.	10'-7"	14	A407	1	#4	STR.	2'-11"	2
A105	2	#4	STR.	7'-7"	10	A408	2	#4	STR.	17'-10"	24
A106	2	#4	STR.	4'-7"	6	A409	2	#4	STR.	15'-1"	20
A107	1	#4	STR.	19'-1"	13	A410	2	#4	STR.	12'-4"	16
A108	2	#4	STR.	16'-2"	22	A411	2	#4	STR.	9'-7"	13
A109	2	#4	STR.	13'-2"	18	A412	2	#4	STR.	6'-10"	9
A110	2	#4	STR.	10'-2"	14	A413	2	#4	STR.	4'-1"	5
A111	2	#4	STR.	7'-2"	10	A414	2	#4	STR.	1'-4"	2
A112	2	#4	STR.	4'-3"	6						
A113	2	#4	STR.	1'-3"	2	B1	20	#4	STR.	7'-0"	94
						B2	39	#4	STR.	5'-4"	139
A200	25	#4	STR.	20'-5"	341	B3	80	#4	STR.	7'-0"	374
A201	2	#4	STR.	18'-0"	24	C1	67	#4	STR.	19'-8"	880
A202	2	#4	STR.	15'-3"	20						
A203	2	#4	STR.	12'-6"	17	D1	30	#6	STR.	2'-6"	113
A204	2	#4	STR.	9'-9"	13						
A205	2	#4	STR.	7'-0"	9	G1	4	#5	STR.	21'-10"	91
A206	2	#4	STR.	4'-3"	6						
A207	1	#4	STR.	2'-11"	2	S1	6	#8	STR.	24'-1"	386
A208	2	#4	STR.	17'-10"	24	S2	12	#6	STR.	22'-5"	404
A209	2	#4	STR.	15'-1"	20						
A210	2	#4	STR.	12'-4"	16						
A211	2	#4	STR.	9'-7"	13						
A212	2	#4	STR.	6'-10"	9						
A213	2	#4	STR.	4'-1"	5						
A214	2	#4	STR.	1'-4"	2						
A300	25	#4	STR.	20'-5"	341						
A301	1	#4	STR.	19'-7"	13						
A302	2	#4	STR.	16'-10"	22						
A303	2	#4	STR.	14'-1"	19						
A304	2	#4	STR.	11'-4"	15						
A305	2	#4	STR.	8'-7"	11						
A306	2	#4	STR.	5'-10"	8						
A307	2	#4	STR.	3'-1"	4						
A308	1	#4	STR.	19'-0"	13						
A309	2	#4	STR.	16'-3"	22						
A310	2	#4	STR.	13'-6"	18						
A311	2	#4	STR.	10'-9"	14						
A312	2	#4	STR.	8'-0"	11						
A313	2	#4	STR.	5'-3"	7						
A314	2	#4	STR.	2'-6"	3						
A315	1	#4	STR.	1'-2"	1						

REINFORCING STEEL
2 BARRELS 4,750 LBS.

CLASS A CONCRETE
2 BARRELS 29.6 CU.YDS.
TOTAL CLASS A CONCRETE 29.6 CU.YDS.

SPLICE LENGTH CHART

BAR	SIZE	SPLICE LENGTH
A 100	#4	1'-5"
A 200	#4	1'-5"
A 300	#4	1'-5"
A 400	#4	1'-5"
G1	#5	1'-9"
S1	#8	4'-0"
S2	#6	2'-4"

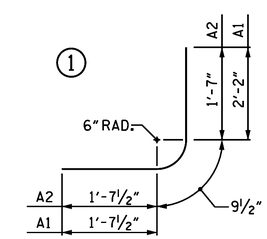
BILL OF MATERIAL - STAGE II

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1	39	#4	1	4'-7"	119	B1	20	#4	STR.	7'-0"	94
A2	39	#4	1	4'-0"	104	B2	39	#4	STR.	5'-4"	139
A150	32	#4	STR.	7'-4"	157	C1	27	#4	STR.	19'-8"	355
A151	1	#4	STR.	6'-3"	4	D1	14	#6	STR.	2'-6"	53
A152	1	#4	STR.	4'-10"	3						
A153	1	#4	STR.	3'-4"	2	G2	4	#5	STR.	7'-9"	32
A154	1	#4	STR.	1'-10"	1						
A155	1	#4	STR.	5'-10"	4	S3	12	#6	STR.	7'-9"	140
A156	1	#4	STR.	4'-4"	3	S4	6	#8	STR.	7'-9"	124
A157	1	#4	STR.	2'-10"	2						
A250	34	#4	STR.	7'-4"	167						
A251	1	#4	STR.	6'-4"	4						
A252	1	#4	STR.	4'-11"	3						
A253	1	#4	STR.	3'-7"	2						
A254	1	#4	STR.	2'-2"	1						
A255	1	#4	STR.	6'-10"	5						
A256	1	#4	STR.	5'-6"	4						
A257	1	#4	STR.	4'-1"	3						
A258	1	#4	STR.	2'-9"	2						
A350	34	#4	STR.	7'-4"	167						
A351	1	#4	STR.	6'-6"	4						
A352	1	#4	STR.	5'-2"	3						
A353	1	#4	STR.	3'-9"	3						
A354	1	#4	STR.	2'-5"	2						
A355	1	#4	STR.	1'-0"	1						
A356	1	#4	STR.	6'-8"	4						
A357	1	#4	STR.	5'-3"	4						
A358	1	#4	STR.	3'-11"	3						
A359	1	#4	STR.	2'-6"	2						
A450	34	#4	STR.	7'-4"	167						
A451	1	#4	STR.	6'-4"	4						
A452	1	#4	STR.	4'-11"	3						
A453	1	#4	STR.	3'-7"	2						
A454	1	#4	STR.	2'-2"	1						
A455	1	#4	STR.	6'-10"	5						
A456	1	#4	STR.	5'-6"	4						
A457	1	#4	STR.	4'-1"	3						
A458	1	#4	STR.	2'-9"	2						

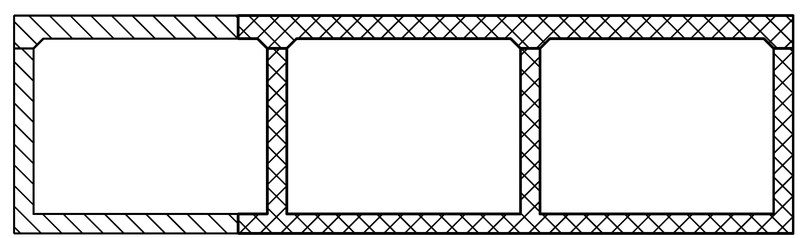
REINFORCING STEEL
1 BARREL 1,911 LBS.

CLASS A CONCRETE
1 BARREL 11.3 CU.YDS.
TOTAL CLASS A CONCRETE 11.3 CU.YDS.

BAR TYPE



ALL BAR DIMENSIONS ARE OUT TO OUT



CONSTRUCTION SEQUENCE

STAGE I

STAGE II

PROJECT NO. B-5124
NASH COUNTY
STATION: 74+25.00 -L-

SHEET 7 OF 10

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

BILL OF MATERIAL
CULVERT EXTENSION TRIPLE 8'-0" X 6'-0" CONCRETE BOX CULVERT

NORTH CAROLINA PROFESSIONAL SEAL 14045 ENGINEER TIMOTHY L. COGGINS
3/9/2015
DocuSigned by: Tim Coggins
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REVISIONS								SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:			C-17
1			3					TOTAL SHEETS
2			4					20

DRAWN BY : M. D. PISO DATE : 12-15-14
CHECKED BY : K. P. SEDAI DATE : 12-31-14
DESIGN ENGINEER OF RECORD: K. P. SEDAI DATE : 01-08-15

09-MAR-2015 09:31
R:\Structures\FinalPlans\DocuSign Setup\411_005_B-5124_SMU_C5-0.dgn
nruffin

STR. #5