COMPUTED BY: J. B. BARFIELD DATE: 11/12/14	(11/12/14)	PROJECT NO.	SHEET NO.
CHECKED BY: NEIL ROBERSON DATE: 11/13/14		W-5107	3G-1

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SUMMARY OF SUBSURFACE DRAINAGE

LINE	Station	Station	Location LT/RT/CL	Drain Type* UD/BD/SD	LF
CONTINGENCY				SD	800
				TOTAL LF:	800

***UD = Underdrain**
***BD = Blind Drain**
***SD = Subsurface Drain**

SUMMARY OF GEOTEXTILE FOR SOIL STABILIZATION

LINE	Station	Station	UC type	SY
-Y1-	16+40	19+90	SHALLOW	1,300
-Y1-	36+50	42+10	SHALLOW	1,400
-Y1RPD-	13+20	14+50	SHALLOW	300
-Y1LPC-	14+60	18+60	FULL DEPTH	1,300
-Y1RPC-	16+00	21+66	FULL DEPTH	1,750
-Y6LPC-	10+00	14+25	FULL DEPTH	1,200
-Y6LPCA-	10+00	11+29	FULL DEPTH	250
CONTINGENCY FOR AGGREGATE SUBGRADE				3,400
CONT. FOR UC FOR EMBANKMENT STABILITY				2,000
CONT. FOR UC FOR SUBGRADE STABILITY				1,000
		TOTAL SY		13,900

SUMMARY OF GEOTEXTILE FOR PAVEMENT STABILIZATION

LINE	Station	Station	Offset	SY
-Y1-	22+00	27+50		3,422
-Y1-	31+00	34+00		1,867
-Y1RPD-	15+50	22+59		1,733
-Y6-	18+50	22+50		1,778
-Y6-	24+50	29+50		2,222
-Y6LPB-	14+00	21+17		8,267
-SR1-	12+50	16+00		933
-SR2-	13+50	19+00		1,467
ADDITIONAL CONTINGENCY			SAY	311
		TOTAL SY		22,000

SUMMARY OF AGGREGATE SUBGRADE/STABILIZATION

LINE	Station	Station	Aggregate Type* ASU/AST	Aggregate Thickness INCHES	Shallow Undercut CY	Class IV Subgrade Stabilization TONS	Geotextile for Soil Stabilization SY	Stabilizer Aggregate TONS	Class IV Aggregate Stabilization TONS
-Y1-	16+40	19+90	ASU	12	450	790	1300		
-Y1-	36+50	42+10	ASU	12	400	854	1400		
-Y1RPD-	13+20	14+50	ASU	12	50	156	300		
CONTINGENCY			AST	3				500	
CONTINGENCY			ASU	12	1500	1800	3400		
			TOTAL CY/TONS/SY:		2400	3600	6400	500	0

***ASU = Aggregate Subgrade**
***AST = Aggregate Stabilization**