

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SUMMARY OF SUBSURFACE DRAINAGE

LINE	Station	Station	Location LT/RT/CL	Drain Type* UD/BD/SD	LF
L	17+75	18+75	LT/RT	SD	200
L	23+50	30+25	LT/RT	SD	1,350
L	43+50	45+50	LT/RT	SD	400
L	73+50	75+50	LT/RT	SD	400
L	88+25	88+75	LT/RT	SD	100
L	105+00	111+00	LT/RT	SD	1,200
L	149+25	151+00	LT/RT	SD	350
L_DET2	18+40	18+90	LT/RT	SD	100
L_DET2	18+70	20+80	LT/RT	SD	420
Y1	15+00	16+77	LT/RT	SD	354
Y2	10+00	11+50	LT/RT	SD	300
Y6	15+00	17+23	LT/RT	SD	446
Y9	13+20	13+50	LT/RT	SD	60
Y10B	16+30	19+50	LT/RT	SD	640
CONTINGENCY					500
TOTAL LF:					6,820

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

SUMMARY OF AGGREGATE SUBGRADE /STABILIZATION

LINE	Station	Station	Aggregate Type* ASU(1/2)/ AST	Aggregate Thickness INCHES [8" for ASU(2)]	Shallow Undercut CY	Class IV Subgrade Stabilization TONS	Geotextile for Subgrade Stabilization SY	Stabilizer Aggregate TONS	Class IV Aggregate Stabilization TONS
L	158+75	160+75	ASU	12	350	700	1050		
DR17	10+20	11+40	ASU	12	100	200	300		
DR21	10+00	10+95	ASU	12	50	100	150		
CONTINGENCY					500	1000	1500		
TOTAL CY/TONS/SY:					1000	2000**	3000**	0	0

*ASU(1/2) = Aggregate Subgrade (Type 1 or 2)
*AST = Aggregate Stabilization

**Total tons of "Class IV Subgrade Stabilization" and total square yards of "Geotextile for Subgrade Stabilization" are only the estimated quantities for ASU(1/2)/AST and may only represent a portion of the subgrade stabilization and geotextile quantities shown in the Item Sheets of the Proposal.

SUMMARY OF REINFORCED SOIL SLOPES AND SLOPE EROSION CONTROL

LINE	Beginning Slope/ RSS (H:V)	Approx. Station	Ending Slope/ RSS (H:V)	Approx. Station	Location LT/RT	Reinforced Soil Slope (RSS) SY	Geocells SY	Coir Fiber Mat SY	Matting for Erosion Control SY
L	1:1	93+25	1.5:1	97+25	RT	900	900		
	1.5:1	119+75	1.5:1	121+25	LT	600	600		
TOTAL SY:						1500	1500	0*	0**

*Total square yards of "Coir Fiber Mat" is only the estimated quantity for slopes steeper than 2:1 (H:V) and may only represent a portion of the coir fiber mat quantity shown in the Item Sheets of the Proposal.

**Total square yards of "Matting for Erosion Control" is only the estimated quantity for RSS and may only represent a portion of the matting quantity shown in the Item Sheets of the Proposal.