

12/06/07

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STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

PROJECT REFERENCE NO.	SHEET NO.
R-5752	36-1

**SUMMARY OF SUBSURFACE DRAINAGE**

SURVEY LINE	STATION	STATION	LOCATION LT/RT/CL	DRAIN TYPE* UD/BD/SD	LF
-L-	131 + 25.00	133 + 75.00	LT/RT	UD	500
-L-	139 + 00.00	141 + 25.00	LT/RT	UD	450
-Y-	37 + 75.00	40 + 25.00	LT/RT	UD	500
-YRPB-	11 + 25.00	11 + 75.00	LT/RT	UD	100
-YRPC-	8 + 00.00	15 + 25.00	LT/RT	UD	1,450
-YRPC-	19 + 25.00	22 + 50.00	LT/RT	UD	650
CONTINGENCY				UD	1,000
TOTAL:					4,650
SAY:					4,650

\*UD = UNDERDRAIN  
\*BD = BLIND DRAIN  
\*SD = SUBSURFACE DRAIN

**SUMMARY OF AGGREGATE SUBGRADE/STABILIZATION**

SURVEY 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
-Y-	39 + 25.00	41 + 75.00			100	200	300		
CONTINGENCY					300	600	1,000		
TOTAL:					400	800	1,300		
SAY:					400	800	1,300		

ASU = AGGREGATE SUBGRADE, AST = AGGREGATE STABILIZATION  
\*TOTAL SQUARE YARDS OF GEOTEXTILE FOR SOIL STABILIZATION IS ONLY THE ESTIMATED QUANTITY FOR ASU/AST AND MAY ONLY REPRESENT A PORTION OF THE GEOTEXTILE QUANTITY SHOWN IN THE ITEM SHEETS OF THE PROPOSAL.

**SUMMARY OF SETTLEMENT GAUGES**

GAUGE NO.	LINE	APPROX. STATION	APPROX. OFFSET
1	-Y-	29 + 20.00	12' LT
2	-Y-	29 + 20.00	12' RT
3	-Y-	31 + 60.00	12' LT
4	-Y-	31 + 60.00	12' RT
TOTAL GAUGES (EA)			4

**SUMMARY OF BRIDGE WAITING PERIODS**

BRIDGE OVER US 74 ON SR 2220 (BROADRIDGE ROAD)	END BENT NO.	MONTHS
AFTER CONSTRUCTION TO WITHIN 2 FT OF FINISHED GRADE, WAIT BEFORE BEGINNING END BENT CONSTRUCTION	1	4
AFTER CONSTRUCTION TO WITHIN 2 FT OF FINISHED GRADE, WAIT BEFORE BEGINNING END BENT CONSTRUCTION	2	4

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