

COMPUTED BY: WC Parker, PE DATE: 7-14-2015  
 CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

PROJECT NO.  
W-5518

SHEET NO.  
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				<b>SD</b>	2,000
				<b>TOTAL LF:</b>	<b>2,000</b>

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

### SUMMARY OF SURCHARGES AND BRIDGE WAITING PERIODS

End Bent/ Bent No.	LINE	Station	Station	Surcharge Height FT <sup>1</sup>	MONTHS
EB1	-L-	22+00	23+00	2.0	3
EB2	- L -	25 + 15	NA	N/A	3

Notes:  
<sup>1</sup>Surcharge height is above finished grade and extends horizontally from hinge point to hinge point.

### SUMMARY OF SETTLEMENT GAUGES

Gauge No.	LINE	Approx. Station	Approx. Offset
1	-L-	22+78	20' RT
2	-L-	23+00	20' LT
3	-L-	25+22	20' RT
4	-L-	25+36	20' LT
<b>TOTAL GAUGES (EACH):</b>			<b>4</b>

### 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
CONTINGENCY			ASU		1,000	1,900	3,000		
<b>TOTAL CY/TONS/SY:</b>					1,000	1,900	3000*	0	0

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.