COMPUTED BY: JYP DATE: 1 / 6 / 2015	(4-21-15)	PROJECT NO.	SHEET NO.
CHECKED BY: JRB DATE: 1 / 6 / 2015		38496.1.1 (B-4722B)	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	2000
				TOTAL LF:	2000

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

SUMMARY OF SETTLEMENT GAUGES

Gauge No.	LINE	Approx. Station	Approx. Offset
SG 1	-L-	36+00	24± LT
SG 2	-L-	37+00	24± LT
SG 3	-L-	38+00	24± LT
SG 4	-L-	39+00	24± LT
SG 5	-L-	40+00	21± LT
SG 6	-L-	40+75	20± LT
SG 7	-L-	54+75	20± LT
SG 8	-L-	55+50	21± LT
SG 9	-L-	56+50	23± LT
SG 10	-L-	57+50	24± LT
SG 11	-L-	58+50	24± LT
SG 12	-L-	60+00	24± LT
SG 13	-L-	61+50	24± LT
		TOTAL GAUGES (EACH):	13

SUMMARY OF SURCHARGES AND EMBANKMENT PLUS SURCHARGE WAITING PERIODS

LINE	Station	Station	Surcharge Height FT	MONTHS*
-L-	34+00.00	40+98.50	2.0	2 months stage 1, 2 months stage 2, 2 months stage 3 (surcharge)
-L-	54+51.51	64+00.01	2.0	

* total 6 month of embankment and bridge waiting period including 2 month of surcharge period

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	12	100	200	300		
				TOTAL CY/TONS/SY:	100	200	300*	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.**