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(12-17-19)
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PROJECT NO. P-5705A	SHEET NO. 3G-1
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SUMMARY OF SUBSURFACE DRAINAGE

LINE	Station	Station	Location LT/RT/CL	Drain Type* UD/BD/SD	LF
CONTINGENCY				BD	500
TOTAL LF:					500

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

SUMMARY OF ROCK PLATING

LINE	Beginning Slope (H:V)	Approx. Station	Ending Slope (H:V)	Approx. Station	Location LT/RT	Rock Plating Detail No. 1/2/3/4	Riprap Class* 1/2/B	Rock Plating SY
-R1 PR-	2:1	35+20	1.5:1	35+30	LT	N/A**		10
-R1 PR-	1.5:1	35+30	1.5:1	35+75	LT	N/A**		33
-R1 PR-	1.5:1	35+75	2:1	35+85	LT	N/A**		8
CONTINGENCY								200
TOTAL SY:								251

*Use Class 1, 2 or B riprap if riprap class is not shown for rock plating location.
 **See project specific Rock Plating Details on Sheet 2A-3

SUMMARY OF SETTLEMENT GAUGES

Gauge No.	LINE and Station	Offset	
		Distance FT	Direction LT/RT
1	15+00, -L-	10	RT
2	20+25, -L-	20	LT
3	21+50, -L-	10	RT
4	38+50, R1 PR-	15	RT
5	39+50, -R1 PR-	20	RT
TOTAL GAUGES (EACH):			5

**SUMMARY OF EMBANKMENT
 WAITING PERIODS**

LINE	Station	Station	MONTHS
-L-	14+00	16+00	3
-L-	20+00	20+50*	3***
-L-	20+50*	27+00	3**
-R1 PR-	35+00	41+50	3

*Approximate station, actual limits are location of temporary MSE wall.
 **Fill placement cannot begin until 96-inch casing is installed.
 ***Fill placement cannot begin until new water main is in service and existing water main is removed.