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(2-16-16)

PROJECT NO. R-5769 SHEET NO. 3G-1

STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS

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*	Riprap Class 1/2/B	Rock Plating SY
-L-	3:1	24+50	1.5:1	29+40	LT AND RT	1	1/2/B	2,800
-L-	1.5:1	29+40	1.5:1	32+68	LT AND RT	2	1/2/B	3,450
-L-	1.5:1	33+69	1.5:1	35+80	RT	2	1/2/B	1,600
-L-	1.5:1	35+80	1.5:1	39+38	RT	1	1/2/B	1,450
-L1-	1.5:1	10+00	3:1	13+47	RT	1	1/2/B	400
<b>TOTAL SY:</b>								<b>9,700</b>

\*SEE SHEET 2G-12 FOR ROCK PLATING DETAILS.

SUMMARY OF GEOTEXTILE FOR EMBANKMENT STABILIZATION

LINE	Beginning Station	Ending Station	Number of Layers	SY	
-L-	24+50	27+50	1	3,100	
-L-	27+50	30+00	2	6,700*	
-L-	35+50	39+38	1	2,150	
-L1-	10+00	11+15	1	750	
CONTINGENCY				--	500
			<b>TOTAL SY:</b>	<b>13,200</b>	

\*Quantity listed is area covered times the number of layers.

SUMMARY OF ROCK EMBANKMENT

LINE	Beginning Station	Ending Station	Rock Embankment TONS	#57 Stone TONS	Geotextile for Rock Embankment SY
-L-	20+80	29+40	7,500	1,800	6,800
-L-	35+80	43+57	3,100	1,500	6,700
-L1-	10+00	15+08	1,300	500	1,900
-L2-	10+00	11+40	300	100	100
CONTINGENCY			6,100	2,000	--
<b>TOTAL TONS/SY:</b>			<b>18,300</b>	<b>5,900</b>	<b>15,500</b>

SUMMARY OF REINFORCED AGGREGATE PLATFORMS

LINE	Beginning Station	Ending Station	Rip Rap Class A TONS	#57 Stone TONS	Separation Geotextile SY	Reinforcement Geotextile for Aggregate Platforms	
						Number of Layers	SY
-L-	31+42	32+39	200	400	1,000	3	2,550
-L-	33+69	35+17	250	400	1,200	3	2,950
<b>TOTAL TONS/SY:</b>			<b>500</b>	<b>800</b>	<b>2,200</b>	--	<b>5,500</b>

SUMMARY OF SETTLEMENT GAUGES

Gauge No.	LINE and Station	Offset	
		Distance FT	Direction LT/RT
1	-L- 31+00	20	LT
2	-L- 31+00	CL	--
3	-L- 31+00	20	RT
4	-L- 32+00	20	LT
5	-L- 32+00	CL	--
6	-L- 32+00	20	RT
7	-L- 34+35	CL	--
8	-L- 34+35	20	RT
9	-L- 35+00	20	LT
10	-L- 35+00	CL	CL
11	-L- 35+00	20	RT
12	-L- 36+00	20	LT
13	-L- 36+00	20	RT
<b>TOTAL GAUGES (EACH):</b>		<b>13</b>	

SUMMARY OF AGGREGATE SUBGRADE

LINE	Station	Station	Aggregate Thickness INCHES	Shallow Undercut CY	Geotextile for Soil Stabilization SY*	Class IV Subgrade Stabilization TONS
-Y1REV-	10+50	22+75	12	300	1,200	200
CONTINGENCY				200	200	200
<b>TOTAL CY/TONS/SY:</b>				<b>500</b>	<b>1,400**</b>	<b>400</b>

\*\*Total square yards of "Geotextile for Soil Stabilization" is only the estimated quantity for aggregate subgrade and may only represent a portion of the geotextile quantity shown in the Item Sheets of the Proposal.