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 CHECKED BY: GAM DATE: 7-10-17 DATE: 7-3-17

(2-16-16)

PROJECT NO.  
U-4751

SHEET NO.  
3G-1

**STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAY**

**SUMMARY OF SUBSURFACE DRAINAGE**

LINE	Station	Station	Location LT/RT/CL	Drain Type* UD/BD/SD	LF
CONTINGENCY					1,000
<b>TOTAL LF:</b>					<b>1,000</b>

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

**SUMMARY OF AGGREGATE SUBGRADE/STABILIZATION**

LINE	Station	Station	Aggregate Type* ASU/AST/ASU	Aggregate Thickness INCHES	Shallow Undercut CY	Class IV Subgrade Stabilization TONS	Geotextile for Soil Stabilization SY	Stabilizer Aggregate TONS	Class IV Aggregate Stabilization TONS
VARIES			AST	3					10,000
CONTINGENCY			ASU	12	500	950	1,500		
<b>TOTAL CY/TONS/SY:</b>					<b>500</b>	<b>950</b>	<b>1500**</b>	<b>0</b>	<b>10,000</b>

\*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 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
-L-	2:1	93+25	2:1	94+75	LT	1		180
-L-	2:1	102+75	2:1	106+75	LT	1		480
<b>TOTAL SY:</b>								<b>660</b>

\*Use Class 1, 2 or B riprap if riprap class is not shown for rock plating location.

**SUMMARY OF REINFORCED SOIL SLOPES AND SLOPE EROSION CONTROL**

LINE	Beginning Slope/ RSS (H:V)	Approx. Station	Ending Slope/ RSS (H:V)	Approx. Station	Location LT/RT	Reinforced Soil Slope (RSS) SY	Geocells SY	Coir Fiber Mat SY	Matting for Erosion Control SY
-L-	2:1	94+75	2.5:1	102+25	LT	1290		1290	
-L-	2.5:1	104+25	2.5:1	106+75	RT	960		960	
<b>TOTAL SY:</b>						<b>2250</b>	<b>0</b>	<b>2250*</b>	<b>0**</b>

\*Total square yards of "Coir Fiber Mat" is only the estimated quantity for slopes steeper than 2:1 (H:V) and may only represent a portion of the coir fiber mat quantity shown in the Item Sheets of the Proposal.  
 \*\*Total square yards of "Matting for Erosion Control" is only the estimated quantity for RSS and may only represent a portion of the matting quantity shown in the Item Sheets of the Proposal.

**SUMMARY OF BRIDGE WAITING PERIODS**

Bridge Description	End Bent/ Bent No.	MONTHS
Bridge No. 201 on -L- over -Y1- at -L- 38+94.20	End Bent 1	6
Bridge No. 201 on -L- over -Y1- at -L- 38+94.20	End Bent 2	6
Bridge No. 202 on -L- over -Y2- at -L- 62+99.00	End Bent 1	2
Bridge No. 202 on -L- over -Y2- at -L- 62+99.00	End Bent 2	2
Bridge No. 203 on -L- over -Y8- at -L- 225+92.26	End Bent 1	4
Bridge No. 203 on -L- over -Y8- at -L- 225+92.26	End Bent 2	4
Bridge No. 204 on -Y8RPDB- over -Y8- at -Y8RPDB- 35+12.05	End Bent 1	4
Bridge No. 204 on -Y8RPDB- over -Y8- at -Y8RPDB- 35+12.05	End Bent 2	6

**SUMMARY OF SETTLEMENT GAUGES**

Gauge No.	LINE and Station	Offset	
		Distance FT	Direction LT/RT
1	-L- 37+55	50	LT
2	-L- 37+95	5	LT
3	-L- 38+35	40	RT
4	-L- 39+60	60	LT
5	-L- 39+95	7	LT
6	-L- 40+30	45	RT
7	-L- 224+60	65	RT
8	-L- 224+60	55	RT
9	-L- 237+25	65	LT
10	-L- 227+25	55	RT
11	-Y8RPDB- 33+84	22	LT
12	-Y8RPDB- 33+77	16	RT
13	-Y8RPDB- 36+52	22	LT
14	-Y8RPDB- 36+34	16	RT
<b>TOTAL GAUGES (EACH):</b>			<b>14</b>