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(2-3-23)

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| PROJECT NO. | SHEET NO. |
| I-5979 | 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 |
|-------|-------------|---------|----------------------|-------------------------|-----|
| -RPD- | 11+75 | 12+40 | LT | SD | 250 |
| | | | | | |
| | | | | | |
| | CONTINGENCY | | | SD | 100 |
| | | | | TOTAL LF: | 350 |

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

SUMMARY OF AGGREGATE SUBGRADE/STABILIZATION

| LINE | Station | Station | Aggregate Type* ASU(1/2)/ AST | Aggregate Thickness INCHES [8" for ASU(2)] | Shallow Undercut CY | Class IV Subgrade Stabilization TONS | Geotextile for Subgrade Stabilization SY | Stabilizer Aggregate TONS | Class IV Aggregate Stabilization TONS |
|---------|-------------|---------|--|--|---------------------------|---|---|---------------------------------|--|
| -RPA1- | 10+25 | 11+75 | ASU(1) | 12 | 80 | 160 | 240 | | |
| -RPA2- | 10+00 | 12+25 | ASU(1) | 12 | 70 | 140 | 210 | | |
| -RPB- | 11+75 | 14+00 | ASU(1) | 12 | 40 | 80 | 120 | | |
| -RPC- | 10+25 | 13+60 | ASU(1) | 12 | 155 | 310 | 320 | | |
| -SPURC- | 10+00 | 12+21 | ASU(1) | 12 | 60 | 120 | 180 | | |
| -L- | 21+50 | 51+05 | ASU(1) | 12 | 1300 | 2600 | 4000 | | |
| -RAB1- | 10+00 | 14+71 | ASU(1) | 12 | 250 | 1000 | 1600 | | |
| -RAB2- | 10+00 | 14+71 | ASU(1) | 12 | 350 | 1100 | 1600 | | |
| | CONTINGENCY | | ASU(1) | 12 | 500 | 1000 | 1500 | | 50 |
| | | | TOTAL CY/TONS/SY: | | 2805 | 6510** | 9770** | 0 | 50 |

*ASU(1/2) = Aggregate Subgrade (Type 1 or 2)
 *AST = Aggregate Stabilization
 **Total tons of "Class IV Subgrade Stabilization" and total square yards of "Geotextile for Subgrade Stabilization" are only the estimated quantities for ASU(1/2)/AST and may only represent a portion of the subgrade stabilization and geotextile quantities 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 |
|--------|-----------------------------|--------------------|--------------------------|--------------------|-------------------|--|---------------------------|-----------------------|
| -RPA1- | 2:1 | 11+33.07 | 1.93:1 | 12+78.69 | LT | 1 | | 150 |
| -RPA2- | 2:1 | 10+00.00 | 2:1 | 12+56.82 | LT | 1 | | 350 |
| | | | | | | | | |
| | | | | | | | TOTAL SY: | 500 |

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