COMPUTED BY: __CHL___ DATE: __6/20/17___
CHECKED BY: ___WSH____ DATE: __6/20/17__

| PROJECT NO. | SHEET NO. |
|---|---|
| B-5236 | 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 | 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 |
|---|---|---|---|---|---|---|---|---|
| -L- | 2.5:1 | 14+25 | 1.5:1 | 14+94.90 | LEFT | 1 | * | 85 |
| -L- | 2.5:1 | 14+25 | 1.5:1 | 14+94.90 | RIGHT | 1 | * | 50 |
| -L- | 1.5:1 | 16+33.90 | 2.5:1 | 18+75 | LEFT | 2 | * | 260 |
| -L- | 1.5:1 | 16+33.90 | 2.5:1 | 18+75 | RIGHT | 2 | * | 265 |
| | | | | | | | | |
| | | | | | | | **TOTAL SY:** | 660 |
| | | | | | | | | |

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

## 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 | | 500 | 950 | 1500 | | |
| | | | | | | | | | |
| | | | **TOTAL CY/TONS/SY:** | | 500 | 950 | 1500** | 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.**