COMPUTED BY: Kevin Miller, PG DATE: April 22, 2019 CHECKED BY: Shiping Yang, PE DATE: April 22, 2019

SUIMMARY OF SUIBSUIRFACE DRAINAGE

| LINE | Station | Station | Location LT/RT/CL | Drain Type* UD/BD/SD | LF |
|------|---------|---------|----------------------|-------------------------|-----|
| | | | | | |
| | | | | | |
| | | | | | |
| | CONTIN | SD | 200 | | |
| | | | | | |
| | | | | TOTAL LF: | 200 |
| | | | | | |

*UD = Underdrain

*BD = Blind Drain *SD = Subsurface Drain

(5-15-18)

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

SUIMMARY OF AGGREGATE SUIBGRADE/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 Soil Stabilization SY | Stabilizer Aggregate TONS | Class IV Aggregate Stabilization TONS |
|------|------------|---------|--|--|---------------------------|---|---|---------------------------------|--|
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| (| CONTINGENC | Y | ASU | 18 | 100 | 200 | 200 | | |
| | | | | | | | | | |
| | | TOTAL | CY/TONS/SY: | 100 | 200** | 200** | 0 | 0 | |
| | | | | | | | | | |

*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 Soil 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.

| PROJECT NO. | SHEET NO. | | |
|-------------|-----------|--|--|
| B-5810 | 3G-1 | | |