

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS
SUMMARY OF QUANTITIES

SUMMARY OF SUBSURFACE DRAINAGE

| LINE | STATION | STATION | LOCATION LT/RT/CL | DRAIN TYPE* UD/BD/SD | LF |
|-------------|---------|---------|-------------------|----------------------|-------|
| -L- | 16+45 | 23+05 | RT | UD | 660 |
| -L- | 28+25 | 33+95 | RT | UD | 570 |
| -L- | 36+05 | 40+75 | RT | UD | 470 |
| CONTINGENCY | | | | SD | 300 |
| | | | | SUBTOTAL: | 2,000 |
| | | | | TOTAL LF: | 2,000 |

*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 |
|-------------|---------|---------|------------------------------|--|---------------------|--------------------------------------|--|---------------------------|---------------------------------------|
| CONTINGENCY | | | ASU(1) | 12 | 100 | 200 | 300 | | |
| | | | TOTAL CY/TONSSY: | | 100 | 200** | 300** | | |

*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 |
|-------|-----------------------|-----------------|--------------------|-----------------|----------------|---------------------------------|---------------------|-----------------|
| -L- | 2:1 | 15+25 | 2:1 | 15+75 | RT | 2 | 2 | 130 |
| -L- | 2:1 | 16+25 | 2:1 | 22+56 | RT | 2 | 2 | 2,160 |
| -L- | 2:1 | 17+25 | 2:1 | 20+35 | LT | 2 | 2 | 1,010 |
| -L- | 2:1 | 20+80 | 2:1 | 22+65 | LT | 2 | 2 | 940 |
| -L- | 2:1 | 28+24 | 2:1 | 33+78 | RT | 2 | 2 | 2,760 |
| -L- | 2:1 | 28+34 | 2:1 | 33+78 | LT | 2 | 2 | 2,630 |
| -L- | 2:1 | 36+22 | 2:1 | 41+25 | RT | 2 | 2 | 1,770 |
| -L- | 2:1 | 36+22 | 2:1 | 41+75 | LT | 2 | 2 | 2,110 |
| -DRV- | 2:1 | 11+75 | 2:1 | 12+30 | RT | 2 | 2 | 220 |
| | | | | | | | TOTAL SY: | 13,730 |

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

SUMMARY OF SETTLEMENT GAUGES

| Gauge No. | Line and Station | Offset | |
|----------------------|------------------|-------------|-----------------|
| | | Distance FT | Direction LT/RT |
| 1 | -L- 22+65 | 20 | RT |
| 2 | -L- 33+80 | 20 | LT |
| 3 | -L- 33+80 | 20 | RT |
| 4 | -L- 36+20 | 20 | RT |
| TOTAL GAUGES (EACH): | | 4 | |

SUMMARY OF BRIDGE WAITING PERIODS

| Bridge Description | End Bent/ Bent No. | MONTHS |
|---|--------------------|--------|
| Bridge No. 20 over Neuse River | EB 1 | 2 |
| Bridge No. 20 over Neuse River | EB 2 | 1 |
| Bridge No. 34 over Neuse River Overflow | EB 1 | 3 |
| Bridge No. 34 over Neuse River Overflow | EB 2 | 2 |

Note: "Waiting periods are estimated and the termination of the waiting period shall be determined by the geotechnical engineer of record based on the settlement gauge monitoring data."

B-17/99

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