

**STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS**

SUMMARY OF SUBSURFACE DRAINAGE

| LINE | Station | Station | Location LT/RT/CL | Drain Type* UD/BD/SD | LF |
|------------------|---------|---------|-------------------|----------------------|-------------|
| -L- | 753+00 | 759+00 | LT & RT | SD | 1200 |
| -L- | 766+00 | 771+00 | RT | SD | 500 |
| CONTINGENCY | | | | UD | 1000 |
| TOTAL LF: | | | | | 2700 |

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

SUMMARY OF BRIDGE WAITING PERIODS

| Bridge Description | End Bent/ Bent No. | MONTHS |
|--|-----------------------|--------|
| Bridge No. 488 on -Y1- over -L- at -L- Sta. 665+78.41 | End Bent 1 | 1 |
| Bridge No. 102 on -L- over Buffalo Creek at -L- Sta. 849+00.00 | End Bent 1 | 3 |
| Bridge No. 102 on -L- over Buffalo Creek at -L- Sta. 849+00.00 | End Bent 2 | 1 |
| Bridge No. 101 on -L- over Buffalo Creek at -L- Sta. 849+00.00 | End Bent 1 | 3 |
| Bridge No. 101 on -L- over Buffalo Creek at -L- Sta. 849+00.00 | End Bent 2 | 1 |

**SUMMARY OF GEOTEXTILE
FOR SUBGRADE STABILIZATION**

| LINE | Station | Station | Geotextile for Subgrade Stabilization SY |
|------------------|---------|---------|--|
| -L- | 636+50 | 638+00 | 1550 |
| -L- | 638+00 | 643+00 | 2278 |
| -L- | 643+00 | 648+00 | 6111 |
| -L- | 648+00 | 649+00 | 656 |
| -L- | 651+50 | 655+50 | 4978 |
| -L- | 655+50 | 658+00 | 1611 |
| -L- | 668+50 | 672+00 | 4122 |
| -L- | 681+50 | 682+50 | 589 |
| -L- | 682+50 | 687+00 | 5400 |
| -L- | 714+50 | 719+00 | 5800 |
| -L- | 719+00 | 722+00 | 1900 |
| -L- | 722+00 | 730+50 | 10767 |
| -L- | 730+50 | 732+50 | 1267 |
| -L- | 734+50 | 741+00 | 4117 |
| -L- | 741+00 | 745+00 | 4889 |
| -L- | 763+50 | 765+00 | 1783 |
| -L- | 774+00 | 782+50 | 10011 |
| -L- | 784+00 | 798+50 | 17561 |
| -L- | 804+50 | 805+00 | 294 |
| -L- | 813+00 | 817+50 | 6750 |
| -L- | 843+00 | 843+50 | 611 |
| -L- | 845+00 | 846+50 | 1167 |
| -L- | 846+50 | 847+50 | 1722 |
| -L- | 850+60 | 851+00 | 676 |
| -LOOP A- | 15+00 | 17+75 | 1192 |
| -RAMP A- | 16+00 | 16+50 | 350 |
| -RAMP A- | 23+50 | 27+50 | 2622 |
| -RAMP A- | 27+50 | 36+00 | 8500 |
| -SRVRD 1- | 17+00 | 19+50 | 611 |
| -SRVRD 3- | 15+00 | 17+00 | 489 |
| -SRVRD 4- | 17+00 | 18+00 | 244 |
| -Y1- | 15+50 | 19+00 | 1478 |
| -Y1- | 20+80 | 21+00 | 87 |
| -Y2- | 17+00 | 19+50 | 1361 |
| CONTINGENCY | | | |
| TOTAL SY: | | | 113544* |

*Total square yards of "Geotextile for Subgrade Stabilization" is only the estimated quantity for subgrades and may only represent a portion of the geotextile quantity shown in the Item Sheets of the Proposal.

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 | | | AST | | | | | 500 | |
| CONTINGENCY | | | ASU (1) | 8 | 1000 | 2000 | 2000 | | |
| TOTAL CY/TONS/SY: | | | | | 1000 | 2000** | 2000** | 500 | 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 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 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 | 1.5:1 | 787+00 | 1.5:1 | 790+00 | LT | 2620 | | 2620 | |
| SRVRD 3 | 1.5:1 | 15+00 | 1.5:1 | 15+50 | LT | 140 | | 140 | |
| TOTAL SY: | | | | | | 2760 | 0 | 2760* | 0** |

*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 SETTLEMENT GAUGES

| Gauge No. | LINE and Station | Offset | |
|-----------------------------|------------------|-------------|-----------------|
| | | Distance FT | Direction LT/RT |
| 1 | -L- 847+10 | 80 | LT |
| 2 | -L- 847+10 | CL | LT |
| 3 | -L- 847+10 | 90 | RT |
| TOTAL GAUGES (EACH): | | | 3 |