

| TREE REMOVAL | | | |
|------------------------|--------|-------|--------|
| STATION | OFFSET | | ACRES |
| | FT LT | FT RT | |
| STA 13+00 TO STA 13+50 | | 38 | 0.0235 |
| STA 13+70 TO STA 14+00 | 35 | | 0.0145 |
| STA 13+50 TO STA 14+00 | | 27 | 0.0173 |
| STA 14+30 TO STA 14+80 | 33 | | 0.012 |
| TOTAL | | | 0.0673 |
| USE | | | 0.1 |

| RIPRAP/FILTER FABRIC/SLURRY | | | | | | | | | |
|-----------------------------|------|----------------|-----------------------------|-------|------|---------------|------------------------------|---------------|--------|
| STATION TO STATION | SIDE | Average Length | Average Width Slope Measure | Depth | AREA | FILTER FABRIC | STONE DUMPED RIPRAP CLASS A4 | RIPRAP SLURRY | |
| | | FT | FT | | | | | | INCHES |
| SOUTHWEST WINGWALL | RT | 26 | 29 | 16.00 | 750 | 83 | 65 | 0 | |
| NORTHWEST WINGWALL | LT | 29 | 15 | 16.00 | 407 | 45 | 35 | 0 | |
| NORTHEAST WINGWALL | LT | 30 | 13 | 16.00 | 412 | 46 | 36 | 46 | |
| TOTAL | | | | | | | 174 | 136 | 46 |

| SUBBASE GRANULAR MATERIAL, TYPE B 4" | | |
|--------------------------------------|------------|--------------------|
| STATION TO STATION | Avg. Width | Sub Gran Mat, Ty B |
| | FOOT | SQ YD |
| STA 12+50 TO STA 13+21 | 33.2 | 262 |
| STA 13+21 TO STA 14+92.58 | 35.2 | 671 |
| TOTAL | | 933.0 |

| EARTH EXCAVATION | | | | | | NOTES |
|-----------------------------------|------------------|------------------------------------|------------|------------------------------|-------------|--|
| STATION TO STATION | EARTH EXCAVATION | EARTH EXCAV ADJUSTED FOR SHRINKAGE | EMBANKMENT | BALANCE WASTE (+) BORROW (-) | CUMMULATIVE | |
| | CU YD | CU YD | CU YD | CU YD | CU YD | |
| ROADWAY | | | | | | |
| STA 12+50 TO STA 13+69 | 128 | 96 | 7 | 89 | 89 | |
| OMISSION - STA 13+69 TO STA 14+09 | | | | | | STRUCTURE EXCAVATION AND REMOVE EXISTING STRUCTURE |
| STA 14+09 TO STA 14+92.58 | 88 | 66 | 0 | 66 | 66 | |
| CULVERT | | | | | | |
| STA 13+07 TO STA 13+93 | | | 25 | (-25) | (-25) | 12 INCH LAYER OF DIRT ABOVE GRANULAR CULVERT BACKFILL RT SIDE BEHIND CURB = 173 cubic yards of waste |
| TOTAL | 216 | 162 | 32 | 130 | 130 | |

| SEEDING SCHEDULE | | | | | | |
|--------------------------|------|-----------------|--------------------|-----------------------|---------------------|---------------|
| STATION TO STATION | SIDE | SEEDING CLASS 1 | NITROGEN FERT NUTR | PHOSPHOROUS FERT NUTR | POTASSIUM FERT NUTR | MULCH SPECIAL |
| | | SQ YDS | LB | LB | LB | SQ YDS |
| STA 13+07 TO STA 13+64.5 | RT | 65 | 2 | 2 | 2 | 65 |
| STA 10+69.5 TO STA 14+77 | RT | 126 | 3 | 3 | 3 | 126 |
| TOTAL | | 191 | 5 | 5 | 5 | 191 |

| AGGREGATE BASE COURSE, TYPE B | | | | |
|-------------------------------|------|--------|--------|-----------------------|
| LOCATION | SIDE | DEPTH | AREA | AGGREGATE BASE COURSE |
| | | INCHES | SQ YDS | TONS |
| STA 12+50 TO STA 14+92.58 | RT | 8 | 307 | 140 |
| STA 12+50 TO STA 14+92.58 | LT | 8 | 540 | 246 |
| TOTAL | | | | 386 |

| TEMPORARY EROSION CONTROL SEEDING | |
|-----------------------------------|------------------------------|
| LOCATION | SEEDING- FOR EROSION CONTROL |
| | POUND |
| ENTIRE JOB (ESTIMATED) | 25.0 |
| TOTAL | 25.0 |

| PRIME COAT/ BIT MATERIALS/COVER AND SEAL COAT | | | | | | |
|---|-------|--------|------------------|-----------------------------|----------------------|---------------------|
| LOCATION | WIDTH | LENGTH | BIT MATL (PRIME) | BIT MATL COVER & SEAL COATS | COVER COAT AGGREGATE | SEAL COAT AGGREGATE |
| | FEET | FEET | GALLON | GALLON | TON | TON |
| STA 12+50 TO STA 14+92.58 | 30 | 242.6 | 202 | 970 | 20.0 | 10.0 |
| STA 14+92.58 TO STA 15+12 | 7.5 | 19.5 | 4 | 20 | 0.4 | 0.2 |
| TOTAL | | | 206 | 990 | 20.4 | 10.2 |
| USE | | | 206 | 990 | 21.0 | 11.0 |

NOTE: BITUMINOUS MATERIAL PRIME APPLICATION RATE ASSUMED AT 0.25 GALLONS PER SQUARE YARD
BITUMINOUS MATERIAL APPLICATION RATE ASSUMED AT 0.40 GALLONS PER SQUARE YARD