

SUMMARY OF QUANTITIES

| CODE NO. | ITEM | UNIT | QUANTITY |
|------------|---|-------|----------|
| 20100110 | TREE REMOVAL (6 TO 15 UNITS DIAMETER) | UNIT | 20 |
| 20100210 | TREE REMOVAL (OVER 15 UNITS DIAMETER) | UNIT | 25 |
| 20200100 | EARTH EXCAVATION | CU YD | 425 |
| 20300100 | CHANNEL EXCAVATION | CU YD | 549 |
| 20400800 | FURNISHED EXCAVATION | CU YD | 1551 |
| 25000200 | SEEDING, CLASS 2 | ACRE | 0.9 |
| 25000400 | NITROGEN FERTILIZER NUTRIENT | POUND | 81 |
| 25000500 | PHOSPHORUS FERTILIZER NUTRIENT | POUND | 81 |
| 25000600 | POTASSIUM FERTILIZER NUTRIENT | POUND | 81 |
| 25100115 | MULCH, METHOD 2 | ACRE | 0.9 |
| 28000250 | TEMPORARY EROSION CONTROL SEEDING | POUND | 200 |
| 28000300 | TEMPORARY DITCH CHECKS | EACH | 5 |
| 28000400 | PERIMETER EROSION BARRIER | FOOT | 100 |
| 28000500 | INLET AND PIPE PROTECTION | EACH | 1 |
| 28100207 | STONE RIPRAP, CLASS A4 | TON | 498 |
| 28200200 | FILTER FABRIC | SQ YD | 571 |
| 40200800 | AGGREGATE SURFACE COURSE, TYPE B | TON | 965 |
| 50100100 | REMOVAL OF EXISTING STRUCTURES | EACH | 1 |
| 50200100 | STRUCTURE EXCAVATION | CU YD | 96 |
| 50300225 | CONCRETE STRUCTURES | CU YD | 29.3 |
| 50300280 | CONCRETE ENCASEMENT | CU YD | 2.8 |
| 50400605 | PRECAST PRESTRESSED CONCRETE DECK BEAMS (33" DEPTH) | SQ FT | 1804 |
| 50800105 | REINFORCEMENT BARS | POUND | 3810 |
| * 50900205 | STEEL RAILING, TYPE S1 | FOOT | 153 |
| 51201600 | FURNISHING STEEL PILES HP12X53 | FOOT | 336 |
| 51202305 | DRIVING PILES | FOOT | 336 |
| 51203600 | TEST PILE STEEL HP12X53 | EACH | 2 |
| 51500100 | NAME PLATES | EACH | 1 |
| 542D0220 | PIPE CULVERTS, CLASS D, TYPE 1 15" | FOOT | 42 |
| * 63100167 | TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT | EACH | 2 |
| * 63100075 | TRAFFIC BARRIER TERMINAL, TYPE 5A | EACH | 2 |
| 67100100 | MOBILIZATION | L SUM | 1 |
| * 78201000 | TERMINAL MARKER - DIRECT APPLIED | EACH | 4 |

* SPECIALTY ITEMS

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HIGHWAY STANDARDS

| STANDARD NUMBER | STANDARD NAME |
|-----------------|---|
| 000001-05 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 280001-04 | TEMPORARY EROSION CONTROL SYSTEMS |
| 515001-03 | NAME PLATE FOR BRIDGE |
| 630301-05 | SHOULDER WIDENING FOR TYPE 1 SPECIAL GUARDRAIL TERMINALS |
| 635006-03 | REFLECTOR AND TERMINAL MARKER PLACEMENT |
| 701901-01 | TRAFFIC CONTROL DEVICES |
| BLR 21-8 | TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS |
| BLR 24-2 | MAIL BOX TURNOUTS |
| BLR 27 -1 | TRAFFIC BARRIER TERMINAL TYPE 5 A |

SHELBY COUNTY
ASH GROVE TOWNSHIP
SECTION 06-01124-00-BR