

| SUMMARY OF QUANTITIES | | | | ROADWAY TR 156 80% FEDERAL 20% STATE | STRUCTURE SN 090-3244 80% FEDERAL 20% STATE |
|-----------------------|--|--------|----------------|---|--|
| | | | | CONSTRUCTION TYPE CODE BDE 63-5 | |
| CODE NO. | ITEM | UNIT | TOTAL QUANTITY | ROADWAY | BRIDGE |
| | | | | 0001 | 0011 |
| 20100110 | TREE REMOVAL (6 TO 15 UNITS DIAMETER) | UNIT | 45 | 45 | |
| 20100210 | TREE REMOVAL (OVER 15 UNITS DIAMETER) | UNIT | 136 | 136 | |
| 20200100 | EARTH EXCAVATION | CU YD | 5900 | 5900 | |
| 20400800 | FURNISHED EXCAVATION | CU YD | 1885 | 1885 | |
| 25000210 | SEEDING, CLASS 2A | ACRE | 3.1 | 3.1 | |
| 25000400 | NITROGEN FERTILIZER NUTRIENT | POUND | 276 | 276 | |
| 25000500 | PHOSPHORUS FERTILIZER NUTRIENT | POUND | 276 | 276 | |
| 25000600 | POTASSIUM FERTILIZER NUTRIENT | POUND | 276 | 276 | |
| 25100115 | MULCH, METHOD 2 | ACRE | 3.1 | 3.1 | |
| 28000250 | TEMPORARY EROSION CONTROL SEEDING | POUND | 856 | 856 | |
| 28000305 | TEMPORARY DITCH CHECKS | FOOT | 377 | 377 | |
| 28000400 | PERIMETER EROSION BARRIER | FOOT | 535 | 535 | |
| 28000500 | INLET AND PIPE PROTECTION | EACH | 3 | 3 | |
| 28100105 | STONE RIPRAP, CLASS A3 | SQ YD | 124 | 124 | |
| 28100107 | STONE RIPRAP, CLASS A4 | SQ YD | 1076 | | 1076 |
| 28200200 | FILTER FABRIC | SQ YD | 1200 | 124 | 1076 |
| 35100700 | AGGREGATE BASE COURSE, TYPE A 8" | SQ YD | 4118 | 4118 | |
| 40200700 | AGGREGATE SURFACE COURSE, TYPE A 8" | SQ YD | 246 | 246 | |
| 40600115 | POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT) | GALLON | 2179 | 2179 | |
| 40600300 | AGGREGATE (PRIME COAT) | TON | 4 | 4 | |
| 40600990 | TEMPORARY RAMP | SQ YD | 102 | 102 | |
| 40603230 | POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 | TON | 726 | 726 | |
| 40603535 | POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 | TON | 440 | 440 | |
| 44000100 | PAVEMENT REMOVAL | SQ YD | 4049 | 4049 | |
| 48100700 | AGGREGATE SHOULDERS, TYPE A 8" | SQ YD | 2507 | 2507 | |
| 50100100 | REMOVAL OF EXISTING STRUCTURES | EACH | 1 | | 1 |
| 50105220 | PIPE CULVERT REMOVAL | FOOT | 34 | 34 | |

* SPECIALTY ITEMS

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| CODE NO. | ITEM | UNIT | TOTAL QUANTITY | ROADWAY | BRIDGE |
| | | | | 0001 | 0011 |
| 50200100 | STRUCTURE EXCAVATION | CU YD | 117 | | 117 |
| 50300100 | FLOOR DRAINS | EACH | 7 | | 7 |
| 50300225 | CONCRETE STRUCTURES | CU YD | 193.1 | | 193.1 |
| 50300255 | CONCRETE SUPERSTRUCTURE | CU YD | 302.7 | | 302.7 |
| 50300260 | BRIDGE DECK GROOVING | SQ YD | 733 | | 733 |
| 50300280 | CONCRETE ENCASEMENT | CU YD | 9.8 | | 9.8 |
| 50300300 | PROTECTIVE COAT | SQ YD | 897 | | 897 |
| 50500105 | FURNISHING AND ERECTING STRUCTURAL STEEL | L SUM | 1 | | 1 |
| 50500505 | STUD SHEAR CONNECTORS | EACH | 2628 | | 2628 |
| 50800205 | REINFORCEMENT BARS, EPOXY COATED | POUND | 93220 | | 93220 |
| 50800515 | BAR SPLICERS | EACH | 88 | | 88 |
| 50800530 | MECHANICAL SPLICERS | EACH | 40 | | 40 |
| 51201600 | FURNISHING STEEL PILES HP12X53 | FOOT | 1425 | | 1425 |
| 51202305 | DRIVING PILES | FOOT | 1425 | | 1425 |
| 51203600 | TEST PILE STEEL HP12X53 | EACH | 4 | | 4 |
| 51500100 | NAME PLATES | EACH | 1 | | 1 |
| 52100520 | ANCHOR BOLTS, 1" | EACH | 48 | | 48 |
| 54200223 | PIPE CULVERTS, CLASS D, TYPE 1 18" | FOOT | 70.1 | 70.1 | |
| 54201057 | PIPE CULVERTS, CLASS D, TYPE 2 12" | FOOT | 49.0 | 49.0 | |
| 54201063 | PIPE CULVERTS, CLASS D, TYPE 2 18" | FOOT | 82.7 | 82.7 | |
| 54214077 | ALUMINUM END SECTIONS 12" | EACH | 2 | 2 | |
| 54214083 | ALUMINUM END SECTIONS 18" | EACH | 4 | 4 | |
| 59100100 | GEOCOMPOSITE WALL DRAIN | SQ YD | 77 | | 77 |
| 63000001 | * STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS | FOOT | 200 | 200 | |
| 63100085 | * TRAFFIC BARRIER TERMINAL, TYPE 6 | EACH | 4 | 4 | |
| 63100169 | * TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED | EACH | 4 | 4 | |
| 63200310 | GUARDRAIL REMOVAL | FOOT | 182 | 182 | |

* SPECIALTY ITEMS