**CONTRACT NO. 95505**

| RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 9th | 05-00142-00-BR | COLES | 16 | 2 |
| STA. 14+00 | | TO STA.15+80 | | |

## SUMMARY OF QUANTITIES

| CODE | ITEM | UNIT | QUANTITY |
|---|---|---|---|
| 20100110 | TREE REMOVAL (6 to 15 UNITS DIAMETER) | UNITS | 20 |
| 20100210 | TREE REMOVAL (OVER 15 UNITS DIAMETER) | UNITS | 20 |
| 20200100 | EARTH EXCAVATION | CUYD | 56 |
| 20300100 | CHANNEL EXCAVATION | CUYD | 704 |
| 20700400 | POROUS GRANULAR EMBANKMENT, SPECIAL | CUYD | 58 |
| 25000920 | SEEDING, CLASS 1A (SPECIAL) * | ACRE | 0.25 |
| 25100630 | EROSION CONTROL BLANKET | SQYD | 220 |
| 28500400 | ARTICULATED BLOCK REVETMENT MAT * | SQYD | 551 |
| 28200200 | FILTER FABRIC * | SQYD | 551 |
| 31100300 | SUB-BASE GRANULAR MATERIAL, TYPE A 4" | SQYD | 260 |
| 40600100 | BITUMINOUS MATERIALS PRIME COAT | GALLON | 64 |
| 40603310 | HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 | TON | 15 |
| 42001400 | BRIDGE APPROACH PAVEMENT (SPECIAL) | SQYD | 240 |
| 42001430 | BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE) | SQYD | 52 |
| 42400100 | PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH | SQFT | 592 |
| 42400450 | PORTLAND CEMENT CONCRETE SIDWALK 7 INCH, SPECIAL* | SQFT | 128 |
| 44000155 | HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" | SQYD | 128 |
| 44004400 | PAVEMENT REMOVAL (SPECIAL) * | SQYD | 450 |
| 44000500 | COMBINATION CURB AND GUTTER REMOVAL | FOOT | 133 |
| 44000600 | SIDEWALK REMOVAL | SQFT | 735 |
| 50100100 | REMOVAL OF EXISTING STRUCTURES * | EACH | 1 |
| 50102500 | CONCRETE REMOVAL (SPECIAL) * | CUYD | 74 |
| 50200100 | STRUCTURE EXCAVATION | CUYD | 146 |
| 50300225 | CONCRETE STRUCTURES | CUYD | 114.5 |
| 50300255 | CONCRETE SUPERSTRUCTURE | CUYD | 45.0 |
| 50300260 | BRIDGE DECK GROOVING | SQYD | 288 |
| 50300300 | PROTECTIVE COAT | SQYD | 444 |
| 50301200 | CONCRETE WEARING SURFACE * | SQYD | 305 |
| 50400305 | PRECAST PRESTRESSED CONCRETE DECK BEAMS(17" DEPTH) | SQFT | 3644 |
| 50800105 | REINFORCEMENT BARS | POUND | 1558 |
| 50800205 | REINFORCEMENT BARS, EPOXY COATED | POUND | 23,515 |
| 50900105 | ALUMINUM RAILING, TYPE L | FOOT | 151 |
| 51201005 | FURNISHING METAL SHELL PILES 12" | FOOT | 1340 |
| 51202305 | DRIVING PILES | FOOT | 1340 |
| 51203200 | TEST PILE METAL SHELLS | EACH | 2 |
| 51500100 | NAME PLATES | EACH | 1 |
| 54213681 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36" | EACH | 1 |
| 54213693 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 48" | EACH | 1 |
| 54213699 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 54" | EACH | 1 |
| 54213705 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 60" | EACH | 1 |
| 54248515 | CONCRETE COLLAR | EACH | 1 |
| 55100400 | STORM SEWER REMOVAL 10" | FOOT | 47 |
| 55100900 | STORM SEWER REMOVAL 18" | FOOT | 42 |
| 55101600 | STORM SEWER REMOVAL 36" | FOOT | 54 |
| 55102100 | STORM SEWER REMOVAL 60" | FOOT | 107 |
| 58700300 | CONCRETE SEALER | SQFT | 3035 |
| 59300100 | CONTROLLED LOW-STRENGTH MATERIAL | CUYD | 100 |
| 60109580 | PIPE UNDERDRAINS FOR STRUCTURES 4" | FOOT | 150 |
| 60218400 | MANHOLES TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 2 |
| 60221100 | MANHOLES TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 1 |
| 60223800 | MANHOLES TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 1 |
| 60255500 | MANHOLES TO BE ADJUSTED | EACH | 2 |
| 60500040 | REMOVING MANHOLES | EACH | 1 |
| 60900245 | TYPE C INLET BOX, STANDARD 609006 (SPECIAL) | EACH | 4 |
| 63200310 | GUARDRAIL REMOVAL | FOOT | 16 |
| 66400105 | CHAIN LINK FENCE, 4' | FOOT | 40 |
| 67100100 | MOBILIZATION | LSUM | 1 |
| 70101830 | TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21 | LSUM | 1 |
| 70102620 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701501 | LSUM | 1 |
| 78008210 | POLYUREA PAVEMENT MARKING TYPE 1-LINE 4" | FOOT | 400 |
| 550A0640 | STORM SEWERS, CLASS A, TYPE 3 12" | FOOT | 130 |
| 550A0680 | STORM SEWERS, CLASS A, TYPE 3 18" | FOOT | 32 |
| 550A0750 | STORM SEWERS, CLASS A, TYPE 3 36" | FOOT | 13 |
| 550A0780 | STORM SEWERS, CLASS A, TYPE 3 48" | FOOT | 42 |
| 550A0790 | STORM SEWERS, CLASS A, TYPE 3 54" | FOOT | 20 |
| 550A0800 | STORM SEWERS, CLASS A, TYPE 3 60" | FOOT | 38 |
| XX002909 | CLASS SI CONCRETE | CUYD | 15.6 |
| XX172700 | MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 1 |
| X5020501 | UNDERWATER STRUCTURE EXCAVATION PROTECTION-LOCATION 1 | EACH | 1 |
| X5020502 | UNDERWATER STRUCTURE EXCAVATION PROTECTION-LOCATION 2 | EACH | 1 |
| | COARSE AGGREGATE BACKFILL (SPECIAL) | CUYD | 18 |

* SEE SPECIAL PROVISIONS

## GENERAL NOTES

1. *The contractor shall provide postive drainage at all times within the construction areas and prevent drainage or ponding of water onto private property.*

2. *Only trees or shrubs marked for removal by the engineer shall be removed by the contractor. Plan quanties have been estimated.*

3. *All distrubed earth surfaces within the limits of the R.O.W. and easements shall be seeded as directed by the engineer.*

## EARTHWORK SCHEDULE

| 1<br>LOCATION | 2<br>EARTH EXCAVATION | 3<br>CHANNEL EXCAVATION | 4<br>EARTH & CHANNEL EXCAVATION ADJUSTED FOR SHRINKAGE | 5<br>EMBANKMENT | 6<br>EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) |
|---|---|---|---|---|---|
| | Cubic Yard | Cubic Yard | Cubic Yard | Cubic Yard | Cubic Yard |
| Sta. 14+26 to Sta. 14+56 | 29 | 486 | 386 | 3.0 | 383 |
| Sta. 15+33 to Sta. 15+63 | 27 | 218 | 184 | 8 | 176 |
| Total | 56* | 704* | 570 | 11 | +559 |

* All Excavation Material shall be Approved by the Engineer Before Being Used as Embankment.

Column 1,2, &5 - Location and Quantities from Cross Sections.
Cut = Earth Excavation Fill = Embankment

Column 4 - Quantity of Earth Excavation (Cut) Adjusted for a shrinkage factor of 25%

Column 6 - Earthwork Balance (-) = Quantity of Furnished Excavation needed
Earthwork Balance (+) = Quantity of Earth Excavation Adjusted for shrinkage to be wasted

QUAN ALB 11-14-06

**THE UPCHURCH GROUP**
architects engineers surveyors
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MATTOON, IL. (217) 235-3177

| REVISIONS NAME | DATE |
|---|---|
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
9th St. Over Kickapoo Creek
SECTION 05-00142-00-BR
CITY OF MATTOON STA. 14+95
STRUCTURE NO. 015-6339

SCALE: N.T.S. DRAWN BY ALB
DATE 11/14/06 CHECKED BY ---