

SUMMARY OF QUANTITIES

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| GRADING COMPLETE |
| MO04780 TOTAL LUMP SUM |

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| TRAFFIC CONTROL |
| MO04780 TOTAL LUMP SUM |

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| TRAFFIC CONTROL-WORKZONE LAW ENFORCEMENT |
| TOTAL (HR) 720 |

| STRUCTURE NUMBER | LOCATION | 18" STORM DRAIN PIPE | | | | | | 36" STORM DRAIN PIPE | | | | | | DROP INLET GA. STD. 500MM | ADD'L DEPTH | DROP INLET GA. DETAIL D-33 | ADD'L DEPTH | MANHOLE GA. STD. 101A | ADD'L DEPTH | GA. STD. 125 | COMMENTS | |
|------------------|--------------------|----------------------|----|------------|----|-----------|----|----------------------|------|------------|------|------------|------|---------------------------|-------------|----------------------------|-------------|-----------------------|-------------|--------------|----------|------------------------------|
| | | H= 1'-10" | | H= 20'-25" | | H= 1'-10" | | H= 10'-15" | | H= 20'-25" | | H= 25'-30" | | | | | | | | | | |
| | | LF | EA | LF | EA | LF | EA | LF | EA | LF | EA | LF | EA | | | | | | | | | |
| A-1 | 247+81.38 RT | | | | | 50 | | | | | | | 1 | 0.7 | | | | | | | | |
| A-2 | 248+31.88 RT | | | | | 50 | | | | | | | 1 | 0.8 | | | | | | | | REMOVE EXIST & CONSTRUCT NEW |
| A-3 | 248+81.38 RT | | | | | 119 | | | | | | | 1 | 1.7 | | | | | | | | |
| A-4 | 250+00.00 RT | | | | | | | 75 | | | | | 1 | 2.5 | | | | | | | | REMOVE EXIST & CONSTRUCT NEW |
| A-5 | 250+00.00, 78'± RT | | | | | | | | | 445 | | | | | | | 1 | 5.2 | | | | STORM SEW MANHOLE TP 1, CL 2 |
| A-5A | 250+00.00, 85'± RT | 5 | | | | | | | | | | | | | | | 1 | | | | | |
| A-5B | 249+00.00, 78'± RT | 100 | | | | | | | | | | | | | | | 1 | 3.4 | | | | STORM SEW MANHOLE TP 1, CL 2 |
| A-6 | 254+45.00, 85'± RT | | | | | | | | | | | 10 | | | | 1 | 14.1 | | | | | REMOVE EXIST & CONSTRUCT NEW |
| A-7 | 254+56.67, 85'± RT | | 12 | | | | | | | | | | | | | 1 | | | | | | RECONSTRUCT TO DRAIN TO A-6 |
| A-8 | 254+56.67, 95'± RT | | | | | | | | | | 47 | | | | | 1 | 19.6 | | | | | STORM SEW MANHOLE TP 1, CL 3 |
| A-9 | 254+56.67, 95'± RT | | | | | | | | | | | | | | | | 1 | | | | | |
| B-1 | 251+50.00 RT | | | | | | | | | | | | 1 | 6.6 | | | | | | | | CONNECT TO EXIST 18" PIPE |
| B-2 | 253+00.00 RT | | | | | | | | | | | | 1 | 11.8 | | | | | | | | CONNECT TO EXIST 18" PIPE |
| C-1 | 248+31.00, 81'± LT | | | | | | | | | | | | 1 | 2.3 | | | | | | | | CONNECT TO EXIST 24" PIPE |
| C-2 | 250+00.00, 82'± LT | | | | | | | | | | | | 1 | 3.6 | | | | | | | | CONNECT TO EXIST 24" PIPE |
| TOTAL | | 105 | 12 | 219 | 75 | 445 | 57 | 8 | 30.0 | 3 | 14.1 | 3 | 28.2 | 1 | | | | | | | | |

* ALL STORM DRAIN PIPES SHALL BE CONCRETE

| TEMPORARY EROSION CONTROL | | |
|--|------|----------|
| ITEM | UNIT | QUANTITY |
| MULCH | TN | 7 |
| TEMPORARY GRASSING | AC | 0.25 |
| CONSTRUCTION EXIT | EA | 2 |
| MAINTENANCE OF CONSTRUCTION EXIT | EA | 2 |
| CONST. & REMOVE TEMP. SEDIMENT BARRIER-HAY BALES * | LF | 100 |
| MAINTENANCE OF SEDIMENT BARRIER-HAY BALES * | LF | 50 |
| CONST. & REMOVE ROCK FILTER DAMS | EA | 2 |
| MAINTENANCE OF ROCK FILTER DAMS | EA | 2 |
| CONST. & REMOVE INLET SEDIMENT TRAPS | EA | 16 |
| MAINTENANCE OF INLET SEDIMENT TRAPS | EA | 16 |
| TEMPORARY SILT FENCE, TYPE-C | LF | 1100 |
| MAINT. OF TEMP. SILT FENCE, TYPE-C | LF | 550 |
| ORANGE BARRIER FENCE, 4-FT | LF | 436 |

* AS DIRECTED BY THE ENGINEER

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| CLASS "A" CONCRETE, INCL REINFORCED STEEL | |
| LOCATION | CY |
| DRAINAGE STRUCTURE A-9 | 3.05 |

| PERMANENT EROSION CONTROL | | |
|--|------|----------|
| ITEM | UNIT | QUANTITY |
| PERMANENT GRASSING | AC | 0.50 |
| AGRICULTURAL LIME | TN | 1 |
| FERTILIZER MIXED GRADE | TN | 0.25 |
| FERTILIZER NITROGEN CONTENT | LB | 25 |
| EROSION CONTROL MATS, SLOPES | SY | 282 |
| STANDARD DUMPED RIP-RAP, TYPE-1, 36-1W | SY | 209 |
| PLASTIC FILTER FABRIC | SY | 209 |

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| JACKING OR BORING PIPE | |
| TOTAL (LF) | 75 |

| ROADWAY QUANTITIES | | | | |
|--|------|----------|-------------------------|-------|
| ITEMS | UNIT | QUANTITY | AS DIRECTED BY ENGINEER | TOTAL |
| MILL ASPHALT PWT, VARB DEPTH | SY | 2351 | 83 | 2434 |
| ASPHALTIC CONCRETE 12.5mm, PEM, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME | TN | 61 | | 61 |
| RECYCLED ASPHALTIC CONCRETE, 12.5mm, SMA, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME | TN | 91 | | 91 |
| RECYCLED ASPHALTIC CONCRETE, 12.5mm, SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME | TN | 127 | 7 | 134 |
| RECYCLED ASPHALTIC CONCRETE, 19mm SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME | TN | 191 | 22 | 213 |
| RECYCLED ASPHALTIC CONCRETE, 25mm SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME | TN | 191 | 24 | 215 |
| BITUMINOUS TACK COAT | GAL | 212 | 9 | 221 |
| GRADED AGGREGATE BASE, INCL. MATERIAL | TN | 431 | 116 | 547 |
| HIGH STRENGTH PWT REINF FABRIC-181n | LF | 969 | 65 | 1034 |
| GROUND IN PLACE RUMBLE STRIPS (CONTINUOUS) | GLM | 0.21 | | 0.21 |
| CLASS-B CONCRETE BASE OR PWT WIDEN | CY | 10 | 10 | 20 |
| REMOVE CONCRETE BARRIER | LF | | 30 | 30 |
| CONCRETE BARRIER, TYPE 21 | LF | | 30 | 30 |
| CONCRETE V-GUTTER | LF | 474 | 50 | 524 |
| THERMOPLASTIC PWT MARKING, SYMBOL TYPE-1 | EA | 2 | | 2 |
| SOLID POLYUREA TRAFFIC STRIPE, 5-IN, WHITE | LF | 2971 | | 2971 |
| SOLID POLYUREA TRAFFIC STRIPE, 5-IN, YELLOW | LF | 794 | | 794 |
| RAISED PWT MARKERS TYPE-3 | EA | 78 | | 78 |
| ASPHALT-RUBBER JOINT & CRACK SEAL, TYPE M | LF | 200 | | 200 |

| GUARDRAIL REMOVAL | | | | ANCHORAGE |
|--------------------------------|------|-----------|-----------|-----------|
| LOCATION | SIDE | W-BEAM LF | T-BEAM LF | TP 6 EA |
| STA 249+50.00 TO STA 254+73.57 | RT | 421.85 | 101.72 | 2 |
| TOTAL | | 421.85 | 101.72 | 2 |

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| CHANGEABLE MESSAGE SIGN, PORTABLE, TYPE 3 |
| TOTAL (EA) 2 |

| GUARDRAIL QUANTITIES | | | | ANCHORAGE |
|--------------------------------|------|-----------|-----------|-----------|
| LOCATION | SIDE | W-BEAM LF | T-BEAM LF | TP 6 EA |
| STA 249+50.00 TO STA 254+73.57 | RT | 421.85 | 101.72 | 2 |
| TOTAL | | 421.85 | 101.72 | 2 |

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| PORTABLE IMPACT ATTENUATOR |
| TOTAL (EA) 3 |
| * TO BE USED AS DIRECTED BY ENGINEER |

GA. STD. 4380 GA. STD. 4381
 GA. STD. 4382 GA. STD. 4385

NOTE: THE ACTUAL BEGINNING AND ENDING OF GUARDRAIL MAY BE ADJUSTED TO MEET FIELD CONDITION AS DIRECTED BY THE ENGINEER.

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| TEMPORARY CONCRETE BARRIER |
| TOTAL (LF) 955 |
| * TO BE USED AS SHOWN ON PLANS OR AS DIRECTED BY ENGINEER |

USE ON CONSTRUCTION

GEORGIA
DEPARTMENT OF TRANSPORTATION

| REVISION DATES | |
|----------------|--|
| 02-19-2014 | |
| 06-02-2014 | |

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: DESIGN POLICY & SUPPORT
SUMMARY QUANTITIES

PROJECT MO04780
FULTON COUNTY

DRAWING No.
06-001