| TYPE | YEAR | PROJECT NO. | SHEET NO. |
|---|---|---|---|
| RESURF. | 2014 | NH-I-65-3(121) | 2 |

## ESTIMATED ROADWAY QUANTITIES

| | ITEM NO. | DESCRIPTION | UNIT | Davidson Co. 19012-8160-44 | BRIDGE 19012-4160-04 | Sumner Co. 83001-8144-44 | TOTAL QUANTITY |
|---|---|---|---|---|---|---|---|
| 1,2,2 | 303-01 | MINERAL AGGREGATE, TYPE A BASE, GRADING D | TON | 378 | | 122 | 500 |
| | | | | | | | |
| 3,4,18 | 307-03.10 | ASPHALT CONC MIX (PG76-22)(BPMB-HM) GR CS | TON | 6429 | | 2279 | 8708 |
| 14,19 | 403-01 | BITUMINOUS MATERIAL FOR TACK COAT (TC) | TON | 75 | | 24 | 99 |
| | | | | | | | |
| 20 | 407-02.12 | REMOVAL & DISPOSAL OF EXISTING ASPHALT PAVEMENT | TON | 957 | | | 957 |
| | | | | | | | |
| 20 | 411-03.10 | ACS MIX(PG76-22) GRADING D | TON | 564 | | | 564 |
| 16 | 411-03.15 | ASP CEM(PG76-22)FOR OGFC MIX | TON | 624 | | 231 | 855 |
| 17 | 411-03.16 | AGGREGATE FOR OGFC MIX | TON | 9760 | | 3628 | 13388 |
| | | | | | | | |
| | 411-12.01 | SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH) | L.M. | 8 | | 4 | 12 |
| 13,15 | 415-01.01 | COLD PLANING BITUMINOUS PAVEMENT | TON | 12,980 | | 4604 | 17,584 |
| | | | | | | | |
| 9 | 501-01 | PORTLAND CEMENT CONCRETE PAVEMENT(REPLACEMENT) | S.Y. | 265 | | | 265 |
| 9 | 502-01 | CLEANING AND SEALING JOINTS | L.F. | 9430 | | | 9430 |
| 9 | 502-04.01 | SAWING CONCRETE PAVEMENT (FULL DEPTH) | L.F. | 926 | | | 926 |
| 9 | 502-04.02 | LOAD TRANSFER DOWELS | EACH | 568 | | | 568 |
| 9 | 502-04.03 | TRANSVERSE TIE-BARS | EACH | 192 | | | 192 |
| 9 | 502-08.07 | SEALING RANDOM CRACKS (SILICONE SEALANT) | L.F. | 1178 | | | 1178 |
| | | | | | | | |
| | 604-10.50 | BRIDGE DECK REPAIRS (PARTIAL DEPTH OF SLAB) | S.Y. | | 1320 | | 1320 |
| | | | | | | | |
| | 611-09.01 | ADJUSTMENT OF EXISTING CATCHBASIN | EACH | 15 | | | 15 |
| | | | | | | | |
| | 617-01 | BRIDGE DECK SEALANT | S.Y. | | 6486 | | 6486 |
| | | | | | | | |
| 12 | 705-02.02 | SINGLE GUARDRAIL (TYPE 2) | L.F. | 650 | | 50 | 700 |
| | 705-04.07 | TAN ENERGY ABSORBING TERM (NCHRP 350, TL3) | EACH | 1 | | 1 | 2 |
| | 705-04.03 | GUARDRAIL TERMINAL (TYPE 13) | EACH | 1 | | | 1 |
| | | | | | | | |
| | 712-01 | TRAFFIC CONTROL | LS | 0.5 | | | 0.5 |
| 1, 11 | 712-04.01 | FLEXIBLE DRUMS (CHANNELIZING) | EACH | 200 | | 100 | 300 |
| 5 | 712-06 | SIGNS (CONSTRUCTION) | S.F. | 1746 | | | 1746 |
| 6 | 712-06.16 | SIGNS (CONSTRUCTION)(REDUCED SPEED WARNING) | EACH | 1 | | 1 | 2 |
| 1 | 712-08.03 | ARROW BOARD (TYPE C) | EACH | 3 | | 2 | 5 |
| | 712-08.10 | MOBILE MESSAGE SIGN UNIT W/ATTENUATOR | HOUR | 224 | | | 224 |
| 1 | 713-16.01 | CHANGEABLE MESSAGE SIGN UNIT | EACH | 1 | | 1 | 2 |
| | | | | | | | |
| | 716-01.22 | SNOWPLOWABLE PAVEMENT MARKERS (Mono-Dir)(1 Color) | EACH | 1005 | | 240 | 1245 |
| | 716-01.23 | SNOWPLOWABLE PAVEMENT MARKERS (Bi-Dir)(2 Color) | EACH | 151 | | 35 | 186 |
| | 716-01.30 | REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER | EACH | 1005 | | 240 | 1245 |
| 7 | 716-02.04 | PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING) | S.Y. | 456 | | 87 | 543 |
| 7 | 716-02.05 | PLASTIC PAVEMENT MARKING (STOP LINE) | L.F. | 138 | | | 138 |
| 7 | 716-02.09 | PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK) | L.F. | 521 | | | 521 |
| 7 | 716-04.05 | PLASTIC PAVEMENT MARKING (STRAIGHT ARROW) | EACH | 5 | | | 5 |
| 7 | 716-04.06 | PLASTIC PAVEMENT MARKING (WRONG WAY ARROW) | EACH | 15 | | | 15 |
| 7 | 716-12.05 | ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE) | L.F. | 606 | | 494 | 1100 |
| 7 | 716-12.02 | ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE) | L.M. | 25 | | | 25 |
| 7 | 716-12.03 | ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE) | L.F. | 3817 | | 1383 | 5200 |
| 8 | 716-05.20 | PAINTED PAVEMENT MARKING (6" LINE) | L.M. | 21 | | 4 | 25 |
| | | | | | | | |
| | 717-01 | MOBILIZATION | LS | 0.5 | | | 0.5 |
| | | | | | | | |
| 10 | 730-14.02 | SAW SLOT | L.F. | 1150 | | 225 | 1375 |
| 10 | 730-14.03 | LOOP WIRE | L.F. | 2400 | | 600 | 3000 |
| | | | | | | | |
| | | | | | | | |

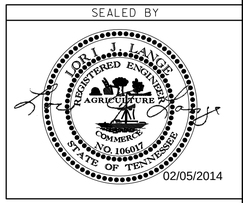
## FOOTNOTES

1. TO BE USED AS DIRECTED BY THE ENGINEER.
2. INCLUDES 50 TONS TO BE USED WITH GUARDRAIL ANCHORS.
3. FOR MATERIAL TRANSFER DEVICE, SEE SPECIAL PROVISION NO. 407G.
4. FOR RIDEABILITY, SEE SPECIAL PROVISION 411C.
5. IN THE EVENT THAT A CONSTRUCTION AND/OR REGULATORY SIGN IS TEMPORAIRILY DESIGNATED NOT IN USE DURING THE CONSTRUCTION PHASE OF A PROJECT, THE CONTRACTOR SHALL CHOOSE A SIGN COVERING METHOD FROM A DESIGNATED LIST OF METHODS ACCEPTED BY THE DEPARTMENT. SAID SIGN COVERING METHOD SHALL BE SELECTED FROM QUALIFIED PRODUCTS LIST 10, SECTION D OR APPROVED BY THE DIVISION OF MATERIALS AND TEST AND SHALL BE USED TO COVER THESE SIGNS. NO OTHER METHOD FOR SIGN COVERING WILL BE ALLOWED. TEMPORARY SIGN COVERINGS SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE PRICE BID FOR ITEM NO. 712-06 SIGNS (CONSTRUCTION).
6. ITEM TO BE USED ONLY WHEN THE CONTRACTOR ESTABLISHES A REDUCED SPEED LIMIT WITHIN THE PROJECT CONSTRUCTION WORK ZONE LIMITS. ITEM INCLUDES SIGN FACE, SUPPORTS, AND TWO TYPE “B” FLASHERS PER THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TURNING ON THE TYPE “B” FLASHERS WHEN WORKERS ARE IN THE CONSTRUCTION WORK ZONE AND TURNING THEM OFF WHEN WORKERS ARE NO LONGER IN THE CONSTRUCTION WORK ZONE.
7. THE CONTRACTOR MAY ELECT TO SUBSITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
8. FOR TEMPORARY PAVEMENT MARKING ON INTERMEDIATE LAYERS AND COLD PLANED SURFACE.
9. ITEMS TO BE USED FOR REPAIRING CONCRETE RAMPS AS DIRECTED BY THE PROJECT ENGINEER
10. TO BE USED ON NORTHBOUND OFF RAMP AT L.M. 20.070, SOUTHBOUND OFFRAMP AT L.M. 20.500, NORTHBOUND OFF RAMP AT L.M. 21.140, SOUTHBOUND OFF RAMP AT L.M. 21.520, NORTHBOUND OFF RAMP AT L.M. 0.920.
11. INCLUDES 30 DRUMS FOR REPAIRING CONCRETE RAMPS.
12. INCLUDES 500 L.F. FOR VARIOUS DAMAGED GUARDRAIL.
13. INCLUDES 957 TONS FOR COLD PLANNING AT BRIDGE DECKS, LONG HOLLOW PIKE L.M. 21.43, EAST CEDAR CREEK L.M., 21.58 AND MANSKER CREEK L.M. 22.15. SEE BRIDGE TABULATION BLOCK FOR COLD PLANNING DEPTHS.
14. INCLUDES 22 TONS FOR BRIDGES.
15. INCLUDES 1051 TONS FROM L.M. 20.17 AND L.M. 20.26 (AREA BETWEEN CSX BRIDGE AND RIVERGATE PARKWAY BRIDGE).
16. INCLUDES 53 TONS FROM L.M. 20.17 AND L.M. 20.26 (AREA BETWEEN CSX BRIDGE AND RIVERGATE PARKWAY BRIDGE).
17. INCLUDES 828 TONS FROM L.M. 20.17 AND L.M. 20.26 (AREA BETWEEN CSX BRIDGE AND RIVERGATE PARKWAY BRIDGE).
18. INCLUDES 521 TONS FROM L.M. 20.17 AND L.M. 20.26 (AREA BETWEEN CSX BRIDGE AND RIVERGATE PARKWAY BRIDGE).
19. INCLUDES 12 TONS FROM L.M. 20.17 AND L.M. 20.26 (AREA BETWEEN CSX BRIDGE AND RIVERGATE PARKWAY BRIDGE).
20. TO BE USED FOR BRIDGE DECKS ONLY AT , LONG HOLLOW PIKE L.M. 21.43, EAST CEDAR CREEK L.M., 21.58 AND MANSKER CREEK L.M. 22.15. REFER TO SHEET NO. B1 FOR TYPICAL.

## GUARDRAIL QUANTITIES

| LOCATION (L.M.) | SIDE LT | SIDE RT | Tan Energy Absorbing Terminal 705-04.07 (EACH) | Single Type 2 705-02.02 (L.F.) | Terminal Type 13 705-04.03 (EACH) |
|---|---|---|---|---|---|
| 21.1 (DAVIDSON) | | x | 1 | 150 | 1 |
| | | | | | |
| 0.83 (SUMNER) | | x | 1 | 50 | |
| | | | | | |
| VARIOUS DAMAGED RAILS | | | | 500 | |
| | | | | | |
| **TOTAL** | | | **2** | **700** | **1** |

SEALED BY




STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

# ESTIMATED ROADWAY QUANTITIES

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