| TYPE | YEAR | PROJECT NO. | SHEET NO. |
|---|---|---|---|
| RESURF | 2014 | NH/HSIP-1(320) | 2 |
| | | | |
| | | | |
| | | | |

S.R. 1 HAWKINS CO.
37070-8230-14
37070-3230-94

# ESTIMATED ROADWAY QUANTITIES

| | ITEM NO. | DESCRIPTION | UNIT | QUANTITY 37070-8230-14 | QUANTITY NH/HSIP-1(320) 37070-3230-94 |
|---|---|---|---|---|---|
| | 403-01 | BITUMINOUS MATERIAL FOR TACK COAT (TC) | TON | 150 | |
| 1 | 411-01.07 | ACS MIX (PG64-22) GRADING E SHOULDER | TON | 8321 | |
| 2 | 411-02.10 | ACS MIX(PG70-22) GRADING D | TON | 15757 | |
| | 411-12.01 | SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH) | L.M. | | 15 |
| | 411-12.02 | SCORING SHOULDERS (NON-CONTINUOUS) (16IN WIDTH) | L.M. | | 11 |
| 9 | 415-01.01 | COLD PLANING BITUMINOUS PAVEMENT | TON | 23922 | |
| 3 | 705-04.07 | TAN ENERGY ABSORBING TERM (NCHRP 350, TL3) | EACH | | 17 |
| 4 | 705-04.09 | EARTH PAD FOR TYPE 38 GR END TREATMENT | EACH | | 17 |
| | 706-01 | GUARDRAIL REMOVED | L.F. | | 850 |
| | 712-01 | TRAFFIC CONTROL | LS | 1 | |
| | 712-04.02 | FLEXIBLE DRUMS (CHANNELIZATION) | EACH | 261 | |
| | 712-05.03 | WARNING LIGHTS (TYPE C) | EACH | 130 | |
| 5 | 712-06 | SIGNS (CONSTRUCTION) | S.F. | 1584 | |
| | 712-08.03 | ARROW BOARD (TYPE C) | EACH | 2 | |
| | 713-16.20 | SIGNS (R5-1a) | EACH | | 9 |
| 6 | 713-16.21 | SIGNS (R6-1L) | EACH | | 3 |
| | 713-16.22 | SIGNS (R5-1) | EACH | | 5 |
| | 716-01.22 | SNWPLWBLE PVMT MRKRS (MONO-DIR)(1 COLOR) | EACH | | 1652 |
| | 716-02.04 | PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING) | S.Y. | | 200 |
| 7 | 716-02.05 | PLASTIC PAVEMENT MARKING (STOP LINE) | L.F. | | 250 |
| | 716-02.06 | PLASTIC PAVEMENT MARKING (TURN LANE ARROW) | EACH | | 43 |
| | 716-04.14 | PLASTIC PAVEMENT MARKING (LANE REDUCTION ARROW) | EACH | | 3 |
| 8 | 716-05.01 | PAINTED PAVEMENT MARKING (4" LINE) | L.M. | 35 | |
| | 716-12.01 | ENHANCED FLATLINE THERMO PVMT MRKNG (4IN LINE) | L.M. | 35 | |
| | 717-01 | MOBILIZATION | LS | 1 | |
| | | | | | |

## FOOTNOTES

1. INCLUDES 170 TONS FOR PRIVATE DRIVES.

2. INCLUDES 170 TONS FOR COUNTY ROADS, 884 TONS FOR CROSS-OVERS, 1238 TONS FOR TURN LANES. THE CONTRACTOR HAS THE OPTION OF USING EITHER THE PERFORMANCE GRADE ASPHALT MIX OR THE REGULAR ASPHALT ON THE PAVING OF COUNTY ROADS.

3. TO BE USED IN THE FOLLOWING LOCATIONS OR AS DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER. INCLUDES COST OF REMOVING EXISTING TERMINALS AND GUARDRAIL. REMOVED TERMINALS AND GUARDRAIL TO BECOME PROPERTY OF THE STATE MAINTENANCE FORCES UPON COMPLETION OF PROJECT.

L.M. 23.85± (RT.) (W/PAD)
L.M. 24.20± (LT.) (W/PAD)
L.M. 25.17± (LT.) (W/PAD)
L.M. 25.57± (LT.) (W/PAD)
L.M. 25.66± (RT.) (W/PAD)
L.M. 26.46± (LT.) (W/PAD)
L.M. 27.21± (RT.) (W/PAD)
L.M. 28.53± (LT.) (W/PAD)
L.M. 28.68± (LT.) (W/PAD)
L.M. 29.06± (RT.) (W/PAD)
L.M. 29.16± (RT.) (W/PAD)
L.M. 29.23± (RT.) (W/PAD)
L.M. 29.38± (RT.) (W/PAD)
L.M. 29.43± (LT.) (W/PAD)
L.M. 29.57± (RT.) (W/PAD)
L.M. 29.62± (LT.) (W/PAD)
L.M. 29.80± (RT.) (W/PAD)

4. INCLUDES ALL MATERIAL NECESSARY FOR CONSTRUCTION OF THE PAD AND ANY NECESSARY ESPC MEASURES. SEE FOOTNOTE NUMBER 3 FOR LOCATIONS.

5. QUANTITY INCLUDES THE FOLLOWING SIGNS:

| NO. | DESCRIPTION | CODE | SIZE | QUANTITY (SF) |
|---|---|---|---|---|
| 29 | ROAD WORK | W20-1 | 48"X48" | 464 |
| 16 | LANE CLOSED | W20-4 | 48"X48" | 256 |
| 8 | LANE ENDS | W20-7 | 48"X48" | 128 |
| 4 | ROAD WORK NEXT 8 MILES | G20-1 | 36"X18" | 18 |
| 4 | ADVISORY SPEED | W13-1 | 24"X24" | 16 |
| 4 | END ROAD WORK | G20-2 | 36"X18" | 18 |
| 76 | LOW SHOULDER | W8-9 | 36"X36" | 684 |
| | | | TOTAL: | 1584 |

NOTE: THIS CONSTRUCTION SIGNING IS TO BE A MINIMUM. OTHER SIGNS MAY BE REQUIRED AS DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER.

6. TO BE USED IN THE FOLLOWING LOCATIONS OR AS DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER.

2 @ L.M. 24.33± RT.(R5-1a)
1 @ L.M. 24.64± LT.(R6-1L)
1 @ L.M. 26.34± RT.(R5-1)
1 @ L.M. 26.58± RT.(R5-1)
2 @ L.M. 26.58± RT.(R5-1a)
2 @ L.M. 26.41± LT.(R5-1)
1 @ L.M. 27.75± RT.(R5-1a)
2 @ L.M. 28.50± RT.(R5-1a)
1 @ L.M. 28.66± LT.(R5-1a)
1 @ L.M. 29.80± RT.(R5-1a)
1 @ L.M. 29.82± RT.(R6-1L)
1 @ L.M. 30.16± LT.(R5-1)
1 @ L.M. 30.58± LT.(R6-1L)

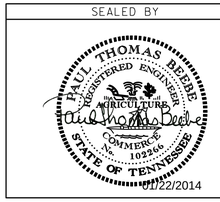
INCLUDES COST OF REMOVING EXISTING SIGNS.

7. THE CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.

8. TO BE USED FOR TEMPORARY PAVEMENT MARKING ON INTERMEDIATE LAYERS.

9. INCLUDES 170 TONS FOR COUNTY ROADS, 875 TONS FOR CROSS-OVERS AND 1225 TONS FOR TURN LANES.

SEALED BY




STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY QUANTITIES

22-JAN-2014 14:15
\\JOIWF01.tdot.state.tn.us\OIShared\SURVDES\DESIGN\PROJECTS\RESURF\2014\HAWKINS SR1\HAWKINS Co SR1.dgn