TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2014	STP/HSIP-1(322)	2

LOUDON CO. S.R. 1
53003-8210-14
53003-3210-94

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY 53003-8210-14	QUANTITY STP/HSIP-1(322) 53003-3210-94
	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	54	
	411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	TON	258	
1	411-01.10	ACS MIX(PG64-22) GRADING D	TON	8394	
2	415-01.01	COLD PLANING BITUMINOUS PAVEMENT	TON	8177	
	705-01.01	GUARDRAIL AT BRIDGE ENDS	L.F.		3
	705-02.02	SINGLE GUARDRAIL (TYPE 2)	L.F.		412
	705-02.50	SHOP CURVED GUARDRAIL	L.F.		25
3	705-04.03	GUARDRAIL TERMINAL (TYPE 13)	EACH		1
	705-04.07	TAN ENERGY ABSORBING TERM (NCHRP 350, TL3)	EACH		6
	705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	EACH		6
	706-01	GUARDRAIL REMOVED	L.F.		138
	712-01	TRAFFIC CONTROL	LS	1	
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	130	
	712-05.01	WARNING LIGHTS (TYPE A)	EACH	65	
4	712-06	SIGNS (CONSTRUCTION)	S.F.	1179	
	712-08.03	ARROW BOARD (TYPE C)	EACH	2	
5	713-16.20	SIGNS (OM-3)	EACH		16
6	713-16.21	SIGNS (W11-3)	EACH		5
7	713-16.22	SIGNS (S4-3P)	EACH		1
8	713-16.23	SIGNS (R2-1)	EACH		1
9	713-16.24	SIGNS (S4-2P)	EACH		1
10	713-16.25	SIGNS (W2-2)	EACH		1
11	713-16.50	REMOVE AND REPLACE SIGN (TN-17A)	EACH		1
12	713-16.51	REMOVE AND REPLACE SIGN (R1-2)	EACH		1
13	713-16.52	REMOVE AND REPLACE SIGN (R3-2)	EACH		1
14	713-16.53	REMOVE AND REPLACE SIGN (W3-3)	EACH		2
15	713-16.54	REMOVE AND REPLACE SIGN (W2-2)	EACH		1
16	713-16.55	REMOVE AND REPLACE SIGN (OM-3)	EACH		1
17	713-16.56	REMOVE AND REPLACE SIGN (R2-1)	EACH		1
18	713-16.57	REMOVE AND REPLACE SIGN (W3-1)	EACH		1
19	713-16.58	REMOVE AND REPLACE SIGN (W16-2P)	EACH		1
20	716-01.21	Snwplwble Pvmt Mrkrs (Bi-Dir)(1 Color)	EACH		124
	716-01.22	Snwplwble Pvmt Mrkrs (Mono-Dir)(1 Color)	EACH		482
22	716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.		397
	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.		714
	716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH		20
21	716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	EACH		2
	716-04.03	PLASTIC PAVEMENT MARKING (4" DOTTED LINE)	L.F.		370
	716-04.05	PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)	EACH		12
23	716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	L.M.	29	
	716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	L.M.	29	
	717-01	MOBILIZATION	LS	1	
	730-14.02	SAW SLOT	L.F.	2000	
	730-14.03	LOOP WIRE	L.F.	4000	

FOOTNOTES

(1) INCLUDES 143 TONS FOR TURN LANES AND 360 TONS FOR COUNTY ROADS.

(2) INCLUDES 142 TONS FOR TURN LANES AND 360 TONS FOR COUNTY ROADS.

(3) TO BE USED IN THE FOLLOWING LOCATIONS OR AS DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER:

TABULATED GUARDRAIL QUANTITIES

LOG MILE	LOCATION	GUARDRAIL at BRIDGE END 705-01.01 (EACH)	SINGLE TYPE 2 GUARDRAIL 705-02.02 (FT)	SHOP CURVED GUARDRAIL 705-02.50 (L.F.)	TYPE 13 TERMINAL 705-04.03 (EACH)	TYPE 38 TERMINAL 705-04.07 (FT)	EARTH PAD 705-04.09 (EACH)	GUARDRAIL REMOVED 706-01 (FT)
0.93	RT					1	1	50
1.13	RT					1	1	50
1.26	LT	1				1	1	12.5
1.28	RT	1				1	1	12.5
1.28	LT	1	37.5	25	1			12.5
4.57-4.66	RT		375			2	2	
TOTALS		3	412.5	25	1	6	6	137.5

(4) QUANTITY INCLUDES THE FOLLOWING SIGNS:

NO.	DESCRIPTION	CODE	SIZE	QUANTITY (SF)
42	ROAD WORK	W20-1	48"X48"	672
8	ONE LANE ROAD	W20-4	48"X48"	128
8	FLAGGER	W20-7	48"X48"	128
2	ROAD WORK NEXT 7 MILES	G20-1	36"X18"	9
2	ADVISORY SPEED	W13-1P	24"X24"	8
2	END ROAD WORK	G20-2	36"X18"	9
36	LOW SHOULDER	W8-9	30"X30"	225
			TOTAL:	1179

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

(5) TO BE LOCATED AT L.M. 1.40± LT. & RT., L.M. 4.59± LT. & RT., L.M. 5.69± LT. & RT. AND L.M. 6.94± LT. & RT. OR AS DIRECTED BY TDOT OPERATIONS DISTRICT ENGINEER.

(6) TO BE LOCATED AT L.M. 2.00± LT. & RT., L.M. 4.00± LT. & RT. AND L.M. 7.00± LT. OR AS DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER.

(7) TO BE LOCATED AT L.M. 3.04± RT. OR AS DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER.

(8) TO BE LOCATED FROM L.M. 3.04± RT. OR AS DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER.

(9) TO BE LOCATED AT L.M. 3.04± RT. OR AS DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER.

(10) TO BE LOCATED AT L.M. 4.60± LT. OR AS DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER.

(11) TO BE LOCATED AT L.M. 2.00± RT. OR AS DIRECTED BY THE TDOT OPERATIONS DISTRICT EGINEER.

(12) TO BE LOCATED AT L.M. 2.98± RT. OR AS DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER.

(13) TO BE LOCATED AT L.M. 2.98± RT. OR AS DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER.

(14) TO BE LOCATED AT L.M. 3.13± LT. & RT. OR AS DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER.

(15) TO BE LOCATED AT L.M. 4.73± RT. OR AS DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER.

(16) TO BE LOCATED AT L.M. 5.80± RT. OR AS DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER.

(17) TO BE LOCATED AT L.M. 6.50± RT. OR AS DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER.

(18) TO BE LOCATED AT L.M. 6.97± LT. OR AS DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER.

(19) TO BE LOCATED AT L.M. 6.97± LT. OR AS DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER.

(20) INCLUDES COST OF REMOVAL OF ANY EXISTING MARKERS.

(21) 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.

(22) INCLUDES 27 SY (370 L.F.) FOR 8" BARRIER LINE.

(23) TO BE USED FOR TEMPORARY PAVEMENT MARKING.

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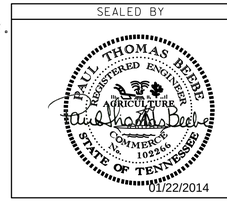

01/22/2014

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY QUANTITIES

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