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

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2014	STP/HSIP-1(321)	2

GRAINGER CO. S.R. 1
29001-3230-94
29001-8230-14
29001-4230-04

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY 29001-8230-14	QUANTITY STP/HSIP-1(321) 29001-3230-94
1	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	60	
	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	162	
8	411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	TON	318	
2	411-03.12	ACS MIX(PG64-22) THIN LIFT D ASPHALT	TON	10578	
	411-12.03	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS)(8" WIDTH)	L.M.		16
4	705-04.07	TAN ENERGY ABSORBING TERM (NCHRP 350, TL3)	EACH		40
4 16	705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	EACH		40
	706-01	GUARDRAIL REMOVED	L.F.		2000
	712-01	TRAFFIC CONTROL	LS	1	
3	712-06	SIGNS (CONSTRUCTION)	S.F.	1084	
5	713-15-06	MILE POST SIGN	EACH		5
6	713-16.20	SIGNS (OM-3)	EACH		2
11	713-16.21	SIGNS (W2-1)	EACH		2
12	713-16.22	SIGNS (W5-1)	EACH		1
13	713-16.23	SIGNS (W5-2)	EACH		1
14	713-16.24	SIGNS (W11-3)	EACH		2
15	713-16-25	SIGNS (R2-1)	EACH		1
	716-01.21	Snwplwble Pvmt Mrkrs (Bi-Dir)(1 Color)	EACH		700
	716-01.22	Snwplwble Pvmt Mrkrs (Mono-Dir)(1 Color)	EACH		260
9	716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.		510
7	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.		300
7	716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH		10
7	716-03.04	PLASTIC WORD PAVEMENT MARKING (SCHOOL)	EACH		3
10	716-05.01	PAINTED PAVEMENT MARKING (4 IN LINE)	L.M.	11	
	716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	L.M.	42	
	717-01	MOBILIZATION	LS	1	

ESTIMATED BRIDGE QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
604-10.50	BRIDGE DECK REPAIRS (PARTIAL DEPTH OF SLAB)	S.Y.	45
617-04.02	TYPE 2 THIN EPOXY OVERLAY (LOW-MOD EPOXY)	S.Y.	1275

FOOTNOTES

1. TO BE USED FOR STONE PULL-OFFS.
2. INCLUDES 144 TONS FOR COUNTY ROADS AND 295 FOR TURN LANES.
3. QUANTITY INCLUDES THE FOLLOWING SIGNS:

NO.	DESCRIPTION	CODE	SIZE	QUANTITY (S.F.)
39	ROAD WORK	W20-1	48" X 48"	624
2	ONE LANE ROAD	W20-4	48" X 48"	32
2	FLAGGER	W20-7A	48" X 48"	32
2	ROAD WORK NEXT 10 MILES	G20-1	36" X 18"	9
2	ADVISORY SPEED	W13-1P	24" X 24"	8
5	END ROAD WORK	G20-2	36" X 18"	22.5
56	LOW SHOULDER	W8-9	30" X 30"	350
			TOTAL	1083.5

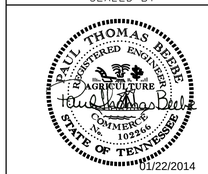
THIS CONSTRUCTION SIGNING IS TO BE A MINIMUM. OTHER SIGNS MAY BE REQUIRED AS DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER.

4. QUANTITY INCLUDES THE FOLLOWING:

L.M.	TERMINAL 705-04.07 LEFT	TERMINAL 705-04.07 RIGHT	NO.OF REQ'D. EARTH PADS 705-04.09
16.47±		X	1
17.37±	X	X	2
17.38±	X	X	2
17.39±	X		1
17.42±	X		1
17.73±		X	1
17.74±	X	X	2
17.76±	X		1
18.08±	X	X	2
18.12±	X	X	2
18.36±	X	X	2
18.41±	X	X	2
18.53±	X	X	2
18.95±		X	1
19.05±		X	1
21.66±	X		1
21.67±		X	1
21.71±	X		1
22.60±	X	X	2
23.11±	X	X	2
23.17±	X	X	2
25.62±	X		1
25.64±	X		1
25.98±		X	1
26.04±		X	1
26.23±		X	1
26.25±	X		1
26.33±	X	X	2

5. TO BE LOCATED AT L.M.17.91±,RT, OR AS DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER.
6. TO BE LOCATED AT L.M.18.00±, LT AND RT, OR AS DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER.
7. THE CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR UNDER THE SAME UNIT PRICE AS BID FOR THE THERMOPLASTIC.
8. TO BE USED FOR SPOT LEVELING. SPOT LEVELING TO BE USED ONLY TO CORRECT DEFICIENCIES ON EXISTING PAVEMENT AND IS NOT TO BE COMBINED WITH OTHER COURSES.
9. INCLUDES 480 S.Y.(6500 L.F.) OF 8" BARRIER LINE.
10. FOR TEMPORARY PAVEMENT MARKINGS.
11. TO BE LOCATED AT L.M.18.72,RT AND L.M.18.91,LT, OR AS DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER.
12. TO BE LOCATED AT L.M.17.25,RT. OR AS DIRECTED BY THE T.D.O.T. OPERATIONS DISTRICT ENGINEER.
13. TO BE LOCATED AT L.M.22.86,LT. OR AS DIRECTED BY THE T.D.O.T. OPERATIONS DISTRICT ENGINEER.
14. TO BE LOCATED AT L.M.18.00, RT.&LT., OR AS DIRECTED THE T.D.O.T. OPERATIONS DISTRICT ENGINEER.
15. TO BE LOCATED AT 17.40,RT. OR AS DIRECTED BY THE T.D.O.T. OPERATIONS DISTRICT ENGINEER.
16. INCLUDES ALL MATERIALS NECESSARY FOR CONSTRUCTION OF THE PAD AND ANY NECESSARY ESPC MEASURES.

SEALED BY



01/22/2014

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY QUANTITIES AND BRIDGE QUANTITIES

22-JAN-2014 09:54
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