TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2014	HSIP-46(24)	2

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	42007-4208-04	SAFETY 42007-3208-94	TOTAL QUANTITY
1	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	1155	50	1205
2	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	24		24
3	405-01.01	BITUMINOUS MATERIAL (BSC)	TON	118		118
4	405-01.02	MINERAL AGGREGATE (BSC)	TON	1018		1018
5,6	411-03.12	ACS MIX(PG64-22) THIN LIFT D ASPHALT	TON	3352		3352
	705-10.30	BRIDGERAIL ENDPOST	L.F.		103	103
	705-02.02	SINGLE GUARDRAIL (TYPE 2)	L.F.		48	48
	705-04.05	GUARDRAIL TERMINAL (TYPE-IN-LINE)	EACH		1	1
	705-04.07	TAN ENERGY ABSORBING TERM (NCHRP 350, TL3)	EACH		2	2
	706-01	GUARDRAIL REMOVED	L.F.		48	48
	706-06.03	RADIUS RAIL	L.F.		24	24
7	712-01	TRAFFIC CONTROL	LS	1		1
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	25		25
	712-05.01	WARNING LIGHTS (TYPE A)	EACH	4		4
8	712-06	SIGNS (CONSTRUCTION)	S.F.	510		510
9	713-15.41	SIGN REMOVAL (OM3 TYPE 3 OBJECT MARKERS)	LS		1	1
10	713-02.11	REMOVAL OF EXISTING DELINEATORS	EACH		12	12
11	713-02.16	FLEXIBLE TYPE II OBJECT MARKER	EACH		12	12
12	713-16.20	SIGNS (OM3 TYPE 3 OBJECT MARKERS)	EACH		12	12
	716-01.21	SNOWPLOWABLE PAVEMENT MARKERS (Bi-Dir)(1 Color)	EACH		381	381
15	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	60		60
13,14	716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	L.M.	23		23
13	716-13.06	SPRAY THERMO PVMT MRKNG (40 mil) (4IN LINE)	L.M.	23		23
13	716-13.10	SPRAY THERMO PVMT MRKNG (40 mil) (6IN DOTTED LINE)	L.F	100		100
	717-01	MOBILIZATION	LS	1		1

FOOTNOTES

1. INCLUDES 50 TONS TO BE USED WITH GUARDRAIL ANCHORS.
2. INCLUDES 1 TON FOR PRIVATE DRIVES, BUSINESS ENTRANCES, FIELD ENTRANCES AND COUNTY ROADS.
3. INCLUDES 99 TONS FOR PRIVATE DRIVES, BUSINESS ENTRANCES, FIELD ENTRANCES AND COUNTY ROADS.
4. INCLUDES 36 TONS FOR PRIVATE DRIVES, BUSINESS ENTRANCES, FIELD ENTRANCES AND COUNTY ROADS.
5. FOR MATERIAL TRANSFER DEVICE, SEE SPECIAL PROVISION NO. 407G.
6. INCLUDES 126 TONS FOR PRIVATE DRIVES, BUSINESS ENTRANCES, FIELD ENTRANCES AND COUNTY ROADS.
7. THE CONTRACTOR SHALL COMPLY WITH SECTION 712 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION REGARDING TEMPORARY TRAFFIC CONTROL AND THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
8. 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).
9. REMOVE 12 OBJECT MARKERS: 4 @ L.M. 2.83, 4 @ L.M. 5.07 AND 4 @ L.M. 6.73.
10. REMOVE EXISTING DELINEATORS AT THESE LOCATIONS: L.M. 2.86, L.M. 3.05, L.M. 3.33, L.M 3.63, L.M 4.30 AND L.M. 4.71.
11. 2 EACH AT THESE LOCATIONS: L.M. 2.86, L.M. 3.05, L.M. 3.33, L.M 3.63, L.M 4.30 AND L.M. 4.71.
12. 4 EACH AT THESE LOCATIONS: L.M. 2.83, L.M. 5.07 AND L.M. 6.73.
13. QUANTITY IS BASED ON 0 % PASS, 6 % NO PASS ONE SIDE, AND 94 % NO PASS BOTH SIDES AND EDGELINES FOR FINAL PAVEMENT MARKINGS.
14. FOR TEMPORARY PAVEMENT MARKING ON INTERMEDIATE LAYERS.
15. 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.

BRIDGE NOTES

LOCATION	LENGTH (FT.)	RECOMMENDATION
L.M. 5.03	94'	LEAVE AS IS
L.M. 6.71	83'	LEAVE AS IS

GUARDRAIL TABULATION

LOCATION (L.M.)	SIDE LT	SIDE RT	GUARDRAIL SINGLE 705-02.02 (L.F.)	IN-LINE ANCHOR 705-04.05 (EACH)	ANCHOR TYPE 38 705-04.07 (EACH)	GUARDRAIL REMOVED 706-01 (L.F.)	RADIUS RAIL 706-06.03 (L.F.)
L.M. 3.29		X	48'	1	2	48'	24'
			48'	1	2	48'	24'

SIGNS (CONSTRUCTION) 712-06

QUANTITY	M.U.T.C.D. NO.	DESCRIPTION	SIZE	712-06 S.F.
2	G20-1	ROAD WORK NEXT XX MILES	48 x 24	16
3	G20-2	END ROAD WORK	48 x 24	24
3	W20-1	ROAD WORK 1500'	48 x 48	48
3	W20-1	ROAD WORK 1000'	48 x 48	48
3	W20-1	ROAD WORK 500'	48 x 48	48
11	W20-1	ROAD WORK AHEAD	48 x 48	176
2	W20-4	ONE LANE ROAD 1000' - PORTABLE	36 x 36	18
2	W20-7a	FLAGGER SYMBOL - PORTABLE	36 x 36	18
2	W16-2	SUPPLEMENTAL PLATE	24 x 18	6
2	W21-2	FRESH OIL - PORTABLE	36 x 36	18
2	W21-5	SHOULDER WORK - PORTABLE	36 x 36	18
2	W8-9a	SHOULDER DROP-OFF - PORTABLE	36 x 36	18
6	W8-11	UNEVEN LANES - PORTABLE	36 x 36	54
		TOTAL S.F.		510

OTHER SIGNS, AS DIRECTED BY THE ENGINEER MAY BE REQUIRED DURING VARIOUS PHASES OF CONSTRUCTION AND WILL BE MEASURED AND PAID FOR AT THE UNIT BID PRICE. SEE CURRENT M.U.T.C.D. FOR STANDARDS AND TYPICAL APPLICATIONS.

SEALED BY

03/12/2014

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY QUANTITIES AND TABULATED QUANTITIES

12-MAR-2014 16:10
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