TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2014	STP/HSIP-50(52)	2

REV. 12-12-13: MODIFIED ESTIMATE FOR 705-02.02 AND 705-04.04

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY	SAFETY QUANTITY	TOTAL QUANTITY
1)	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	150	75	225
	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	34	0	34
	403-05.01	BITUMINOUS MATERIAL (FOG SEAL) SHOULDER	TON	12	0	12
2),3),8)	411-01.10	ACS MIX(PG64-22) GRADING D	TON	5292	0	5292
	411-12.03	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (8IN WIDTH)	L.M.	0	6.7	6.7
	415-01.01	COLD PLANING BITUMINOUS PAVEMENT	TON	5239	0	5239
	611-01.20	ADJUSTMENT OF EXISTING MANHOLE	EACH	1	0	1
	611-09.01	ADJUSTMENT OF EXISTING CATCHBASIN	EACH	4	0	4
	705-02.02	SINGLE GUARDRAIL (TYPE 2)	L.F.	0	162.5	162.5
	705-04.04	GUARDRAIL TERMINAL (TYPE 21)	EACH	0	1	1
	705-04.07	TAN ENERGY ABSORBING TERM (NCHRP 350, TL3)	EACH	0	3	3
	706-01	GUARDRAIL REMOVED	L.F.	0	175	175
	706-06.03	RADIUS RAIL	L.F.	0	12.5	12.5
4)	712-01	TRAFFIC CONTROL	LS	1	0	1
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	25	0	25
	712-05.01	WARNING LIGHTS (TYPE A)	EACH	4	0	4
5)	712-06	SIGNS (CONSTRUCTION)	S.F.	375	0	375
10)	713-16.21	SIGNS (OM-3 OBJECT MARKERS)	EACH	0	8	8
	716-01.10	SNOWPLOWABLE REFLECTIVE MARKER	EACH	0	375	375
6)	716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.	60	0	60
6)	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	120	0	120
6)	716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	4	0	4
	716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	L.M.	17.3	0	17.3
6),7)	716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	L.M.	0	17.3	17.3
9)	716-13.06	SPRAY THERMO PVMT MRKNG (40 mil) (4IN LINE)	L.M.	0.5	0	0.5
	717-01	MOBILIZATION	LS	1	0	1

FOOTNOTES

1. INCLUDES 150 TONS TO BE USED AS DIRECTED BY THE ENGINEER AND 75 TONS TO BE USED WITH GUARDRAIL ANCHORS.
2. FOR MATERIAL TRANSFER DEVICE, SEE SPECIAL PROVISION NO. 407G.
3. FOR RIDEABILITY, SEE SPECIAL PROVISION 411C.
4. 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.
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. 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.
7. QUANTITY IS BASED ON 100% NO PASS FROM L.M. 6.46 TO L.M. 6.94 AND 10 % PASS, 19 % NO PASS ONE SIDE, AND 71 % NO PASS BOTH SIDES AND EDGELINES FOR FINAL PAVEMENT MARKINGS FROM L.M. 7.54 TO L.M. 11.69.
8. INCLUDES 150 TONS TO BE USED AT BUSINESS FRONTS AND MARKED SPACES ALONG STREET FROM L.M. 6.46 TO L.M. 6.94 AS DIRECTED BY THE ENGINEER.
9. QUANTITY TO BE USED FOR PARKING AREA AS DIRECTED BY THE ENGINEER.
10. TO BE PLACED AT L.M. 11.07 AND 11.22. PRICE INCLUDES REMOVAL OF EXISTING SIGNS.

GUARDRAIL

LOCATION (L.M.)	SIDE LT	SIDE RT	GUARDRAIL SINGLE 705-02.02 (L.F.)	GUARDRAIL RADIUS 706-06.03 (L.F.)	ANCHOR IN-LINE 705-04.04 (EACH)	ANCHOR TYPE 38 705-04.07 (EACH)	GUARDRAIL REMOVED 706-01 (L.F.)
10.411	X		12.5	12.5	1		25
10.423		X	50			1	50
10.377	X		50			1	50
10.377		X	50			1	50
			162.5	12.5	1	3	175

UTILITY ADJUSTMENTS

TYPE	OWNER	NUMBER
SEWER MANHOLE	LEWISBURG WATER & WASTEWATER	1
GAS VALVE	LEWISBURG GAS	4
WATER VALVE	LEWISBURG GAS	3

STATE STORM DRAIN ADJUSTMENTS

CATCHBASINS	4
MANHOLES	1

SPECIAL BRIDGE NOTES

59-SR50-6.57 BIG ROCK CREEK	COLD PLANE 1 1/4" OF THE EXISTING ASPHALT AND REPLACE WITH 1 1/4" NEW ASPHALT.
59-SR50-7.30 CAPPS BRANCH	LEAVE AS IS
59-SR50-8.64 SNOKE	COLD PLANE 1 1/4" OF THE EXISTING ASPHALT AND REPLACE WITH 1 1/4" NEW ASPHALT.

SIGNS (CONSTRUCTION) 712-06

QUANTITY	M.U.T.C.D. NO.	DESCRIPTION	SIZE	712-06 S.F.
2	G20-1	ROAD WORK NEXT 5.23 MILES	36 x 18	9
2	G20-2	END ROAD WORK	36 x 18	9
2	W20-1	ROAD WORK 1500'	36 x 36	18
2	W20-1	ROAD WORK 1000'	36 x 36	18
2	W20-1	ROAD WORK 500'	36 x 36	18
17	W20-1	ROAD WORK AHEAD	36 x 36	153
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.		375

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.

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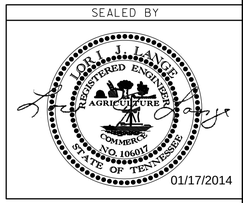

01/17/2014

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY QUANTITIES

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