TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2015	STP-NH/HSIP-4(10)	2

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	79021-8222-14 QUANTITY	STP-NH/HSIP-4(10) 79021-8222-94 QUANTITY	TOTAL QUANTITY
	202-03	REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.	S.Y.	545	0	545
	202-03.01	REMOVAL OF ASPHALT PAVEMENT	S.Y.	1736	0	1736
	203-06	WATER	M.G.	9	0	9
1	303-02	MINERAL AGGREGATE, TYPE B BASE, GRADING (C OR D)	TON	1175	0	1175
2	307-03.01	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING A	TON	799	0	799
	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	92	0	92
3	411-03.09	ACS MIX(PG76-22) THIN LIFT CS ASPHALT	TON	2390	0	2390
4 5	411-03.10	ACS MIX(PG76-22) GRADING D	TON	7072	0	7072
	415-01.02	COLD PLANING BITUMINOUS PAVEMENT	S.Y.	103888	0	103888
	611-09.01	ADJUSTMENT OF EXISTING CATCHBASIN	EACH	10	0	10
	701-01.01	CONCRETE SIDEWALK (4 ")	S.F.	4900	0	4900
6	701-02.01	CONCRETE CURB RAMP (RETROFIT)	S.F.	0	8938	8938
	702-03	CONCRETE COMBINED CURB & GUTTER	C.Y.	5912	0	5912
	705-01.01	GUARDRAIL AT BRIDGE ENDS	L.F.	0	100	100
	705-04.07	TAN ENERGY ABSORBING TERM (NCHRP 350, TL3)	EACH	0	4	4
	712-01	TRAFFIC CONTROL	LS	1	1	2
7	712-06	SIGNS (CONSTRUCTION)	S.F.	1152	1152	2304
	712-08.03	ARROW BOARD (TYPE C)	EACH	4	0	4
	716-01.21	SNWPLWBLE PVMT MRKRS (BI-DIR)(1 Color)	EACH	0	860	860
	716-02.03	PLASTIC PAVEMENT MARKING (CROSS-WALK)	L.F.	0	300	300
	716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.	0	20	20
	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	0	1250	1250
10 9	716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	0	69	69
	716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	L.F.	0	266	266
	716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	EACH	0	30	30
	716-04.02	PLASTIC PAVEMENT MARKING(DOUBLE TURNING ARROW)	EACH	0	1	1
8	716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	L.M.	22	0	22
9	716-12.01	ENHANCED FLATLINE THERMO PVMT MRKNG (4IN LINE)	L.M.	0	7	7
11 9	716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	L.M.	0	4.1	4.1
	717-01	MOBILIZATION	LS	1	0	1
	730-03.20	INSTALL PULL BOX (TYPE A)	EACH	13	0	13
	730-12.01	CONDUIT 1" DIAMETER (PVC)	L.F.	100	0	100
	730-12.02	CONDUIT 2" DIAMETER (PVC)	L.F.	80	0	80
	730-12.07	CONDUIT 1" DIAMETER (RGS)	L.F.	150	0	150
	730-14.01	SHIELDED DETECTOR CABLE	L.F.	500	0	500
	730-14.02	SAW SLOT	L.F.	6400	0	6400
	730-14.03	LOOP WIRE	L.F.	14500	0	14500

FOOTNOTES

1. FOR BREAKOUT ONLY.
2. FOR REPLACEMENT OF QUANTITY REMOVED UNDER ITEM 202-03.01 ONLY.
3. INCLUDES 357 TONS FOR SIDE ROADS, GORE AREA, INTERSECTIONS, SIDE ROADS, CROSS-OVERS, AND TURN LANES.
4. INCLUDES 1027 TONS FOR SIDE ROADS, GORE AREA, INTERSECTIONS, SIDE ROADS, CROSS-OVERS, AND TURN LANES. INCLUDES 190 TONS FOR COUNTY ROADS, CITY STREETS, PRIVATE DRIVES, FIELD ENTRANCES, AND BUSINESS FRONTS.
5. SEE SPECIAL PROVISION NO. 407G FOR MATERIAL TRANSFER DEVICE AND SPECIAL PROVISION NO. 411C FOR RIDEABILITY SPECIFICATIONS.
6. INCLUDES AN ADDITIONAL 1300 SF FOR ISLAND RETROFITS.
7. QUANTITY INCLUDES

2	ROAD WORK NEXT 03 MI.	(G20-1)	(48" X 24")
2	END ROAD WORK	(G20-2)	(48" X 24")
14	UNEVEN LANES	(W8-11)	(48" X 48")
2	ROAD WORK 1500 FT.	(W20-1)	(48" X 48")
2	ROAD WORK 1000 FT.	(W20-1)	(48" X 48")
2	ROAD WORK 500 FT.	(W20-1)	(48" X 48")
2	RIGHT LANE CLOSED 1,500 FT.	(W20-5)	(48" X 48")
2	RIGHT LANE CLOSED 1,000 FT.	(W20-5)	(48" X 48")
2	RIGHT LANE CLOSED 500 FT.	(W20-5)	(48" X 48")
2	LEFT LANE CLOSED 1,500 FT.	(W20-5)	(48" X 48")
2	LEFT LANE CLOSED 1,000 FT.	(W20-5)	(48" X 48")
2	LEFT LANE CLOSED 500 FT.	(W20-5)	(48" X 48")
2	FLAGGER AHEAD	(W20-7a)	(48" X 48")
2	FRESH OIL	(W21-2)	(48" X 48")
3	SHOULDER WORK	(W21-5)	(48" X 48")
2	MOTORCYCLE GROOVE SIGN	(TN-64)	(48" X 48")

THIS CONSTRUCTION SIGNING IS TO BE AS A MINIMUM. OTHER SIGNS AS DIRECTED BY THE ENGINEER MAY BE REQUIRED DURING DIFFERENT PHASES.

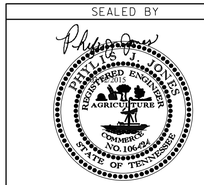
8. FOR USE AS TEMPORARY LINE MARKINGS.
9. FOR FINAL PAVEMENT MARKING ONLY.
10. THE CONTRACTOR MAY ELECT TO SUBSTITUDE PERFORMED PLASTIC FOR THERMOPLACTIC. PERFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE BID FOR THERMOPLASTIC.
11. FOR USE AS FINAL EDGE LINES ONLY IF NEEDED.

SIGNALIZATION TABULATION

INTERSECTION	SHIELDED CABLE 730-14.01 (LIN. FT.)	SAW SLOT 730-14.02 (LIN. FT.)	LOOP WIRE 730-14.03 (LIN. FT.)	1" CONDUIT (PVC) 730-12.01 (LIN. FT.)	2" CONDUIT (PVC) 730-12.02 (LIN. FT.)	1" RGS 730-12.07	INSTALL PULL BOX (TYPE A) 730-03.20
S.R. 4 @ LAMAR/AIRWAYS	0	1256	3168	0	0	57	3
S.R. 4 @ LAMAR/TREZEVANT	0	721	1580	0	0	25	0
S.R. 4 @ LAMAR/KEATING	0	239	518	10	0	0	0
S.R. 4 @ LAMAR/PENDLETON/KIMBALL	0	1338	2956	0	80	0	0
S.R. 4 @ LAMAR/SEMMES	485	1141	2432	0	0	45	2
S.R. 4 @ LAMAR/LAMAR CROSSING	0	878	1946	45	0	0	3
S.R. 4 @ LAMAR/PRESCOTT	0	761	1672	25	0	0	4
TOTALS	485	6334	14272	80	80	127	12

*NOTE: AT LAMAR/SEMMES, THE EASTBOUND AND WESTBOUND BACK LOOPS CURRENTLY EXIST AS 2C SHIELDED DETECTOR CABLE IN SLOT-IN-PAVEMENT. CITY OF MEMPHIS HAS NOTED THAT THE HOMERUNS FOR EACH OF THE BACK LOOPS TO THE CONNECTION AT THE INTERSECTION ARE CROSSED BY CONCRETE DRIVEWAY APRONS. TO PLACE NEW CONDUIT AND SHIELDED DETECTOR CABLE IN THESE GRASS STRIPS, WOULD REQUIRE JACKING AND BORING UNDERNEATH THE DRIVEWAYS OR TEARING OUT THE EXISTING DRIVE APRONS AND REPLACING WITH NEW CONCRETE. THERE ALSO MAY BE UTILITIES OR STORM DRAINAGE LOCATED IN THE GRASS STRIP AREAS THAT MIGHT IMPEDE EITHER BORING OR TRENCHING IN THOSE AREAS. THE QUANTITIES ESTIMATED ABOVE DO NOT INCLUDE ITEMS/QUANTITIES TO REPLACE THE SLOT-IN-PAVEMENT HOMERUNS IN THE GRASS STRIP. ESTIMATED QUANTITIES REFLECT THE CURRENT LAYOUT.

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY QUANTITIES

3-MAR-2015 14:05
\\J04wf01.tdot.state.tn.us\04SHARED\Design\DESIGN\DESIGNG\RESURFACING PROJECTS\Shelby\SR-4\LM7-48LM9-87\79004LM7-48 EST QTYS.dgn