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

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2014	STP/HSIP-52(68)	2
		67003-8217-14 67003-3217-94	
		STP/HSIP-294(4)	
		67068-3201-94 67068-8201-14	
		NH/HSIP-111(92)	
		67001-3288-94 67001-8288-14	

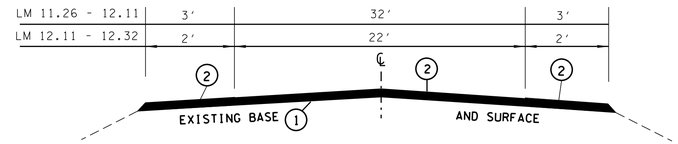
REVISED 2-5-14 CORRECTED SR-111 FEDERAL PROJECT NO.
REVISED 2-7-14 ADDED ITEM 716-01.21.

SR-52 ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
(1)(2)-	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	80
(3)-	307-01.07	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M	TON	200
(4)-	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	14
(5)(6)(7)-	411-02.10	ACS MIX(PG70-22) GRADING D	TON	2060
(8)(9)-	415-01.02	COLD PLANING BITUMINOUS PAVEMENT	S.Y.	23271
(9)(10)-	611-01.20	ADJUSTMENT OF EXISTING MANHOLE	EACH	9
	712-01	TRAFFIC CONTROL	LS	0.29
	712-04.02	FLEXIBLE DRUMS (CHANNELIZATION)	EACH	59
	712-05.01	WARNING LIGHTS (TYPE A)	EACH	9
(10)(11)-	712-06	SIGNS (CONSTRUCTION)	S.F.	559
	712-08.03	ARROW BOARD (TYPE C)	EACH	1
	717-01	MOBILIZATION	LS	0.29
	730-14.02	SAW SLOT	L.F.	495
	730-14.03	LOOP WIRE	L.F.	1289

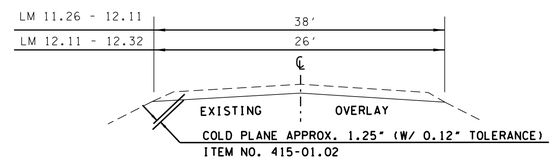
FOOTNOTES

(1) PLACED FROM LM 12.11 -12.32 LT & RT AS DIRECTED BY TDOT PROJECT SUPERVISOR.
(2) INCLUDES ALL COSTS ASSOCIATED WITH CLIPPING EXISTING SHOULDERS, REMOVAL AND PROPER DISPOSAL OF CLIPPED MATERIAL AS DIRECTED BY TDOT PROJECT SUPERVISOR.
(3) SPOT LEVELING AS DIRECTED BY TDOT PROJECT SUPERVISOR.
(4) INCLUDES 3 TONS FOR BUSINESS ENT., SIDE ROADS AND DRIVEWAYS.
(5) A MATERIAL TRANSFER DEVICE (MTD) IS TO BE USED ON ALL MIXES. SEE SPECIAL PROVISION 407G. ALL COST SHALL BE INCLUDED IN THE UNIT PRICE FOR THIS BID ITEM.
(6) INCLUDES 480 TONS FOR BUSINESS ENT., SIDE ROADS AND DRIVEWAYS.
(7) SEE SPECIAL PROVISION 411C FOR RIDEABILITY.
(8) TO BECOME PROPERTY OF THE CONTRACTOR.
(9) INCLUDES 1119 SY FROM CITY STREETS.
(10) INCLUDES ALL COST ASSOCIATED WITH PAVING OVER SEWER MANHOLES, THEN SAWED AROUND AND FILLED WITH CONCRETE.
(11) SEE SIGN TABULATION BLOCK THIS SHEET FOR DETAILS.

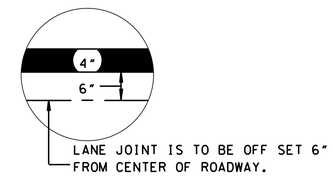


TYPICAL SECTIONs

PROPOSED PAVEMENT SCHEDULE
1 TACK COAT (TC) @ (0.10 GAL./S.Y.) ITEM 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC)
2 BITUMINOUS SURFACE @ 1.25"± THICK (APPROX. 132.5 LBS./S.Y.) ITEM 411-01.10 ACS MIX (PG64-22) GRADING "D"



COLD PLANING DETAILS



SR-52 ESTIMATED SAFETY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
(S1)-	701-02.01	CONCRETE CURB RAMP (RETROFIT)	S.F.	1302
	716-01.21	Snwplwble Pvmt Mrkrs (Bi-Dir)(1 Color)	EACH	70
(S2)-	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	315
	716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	8
(S3)-	716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	L.M.	6.4
(S4)-	716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	L.M.	6.4

FOOTNOTES

(S1) RETROFIT HANDICAP RAMPS AT VARIOUS LOCATIONS AS DIRECTED BY TDOT PROJECT SUPERVISOR.
(S2) THE CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THE THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
(S3) TEMPORARY PAVEMENT MARKING FOR TRAFFIC CONTROL.
(S4) PERMANENT PAVEMENT MARKING ONLY.

SR-52 TABULATED SIGNS (CONSTRUCTION) 712-06

QUANTITY	M.U.T.C.D. NO.	DESCRIPTION	SIZE IN	SIZE X IN	ITEM NO. 712-06 S.F.
2	G20-1	ROAD WORK NEXT 2 MILES	60	24	20
8	G20-2	END ROAD WORK	48	24	64
12	TN-64	GROOVED PAVEMENT	36	36	108
2	W20-7b	BE PREPARED TO STOP	36	36	18
12	W8-11	UNEVEN LANES	36	36	108
6	W20-1	ROAD WORK AHEAD	48	48	96
2	W20-1	ROAD WORK 1500 FT	48	48	32
2	W20-1	ROAD WORK 1000 FT	48	48	32
2	W20-1	ROAD WORK 500 FT	48	48	32
2	W20-4	ONE LANE ROAD AHEAD	36	36	18
2	W20-7a	FLAGGER	36	36	18
2	W21-2	FRESH OIL	30	30	13
		TOTAL			559

SEE FIGURE 6F-1 OF FIGURES SHOWN IN CURRENT M.U.T.C.D. THIS CONSTRUCTION SIGNING IS TO BE CONSTRUCTED AS A MINIMUM. OTHER SIGNS AS DIRECTED BY THE ENGINEER MAY BE REQUIRED DURING DIFFERENT PHASES.

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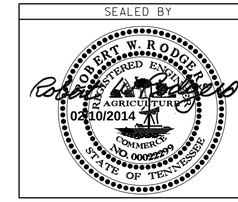

SR-52

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED QUANTITIES, TYPICAL SECTION & DETAILS

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