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

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2014	STP/HSIP-52(68)	3
		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.

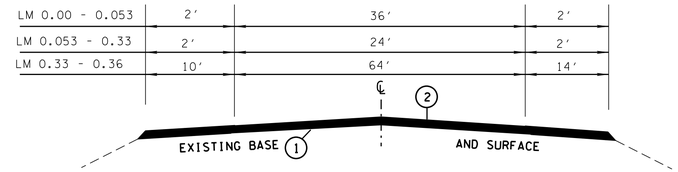
REVISED 2-7-14 CHANGED QUANTITY ITEM 716-01.21.
ADDED ITEM 716-01.23

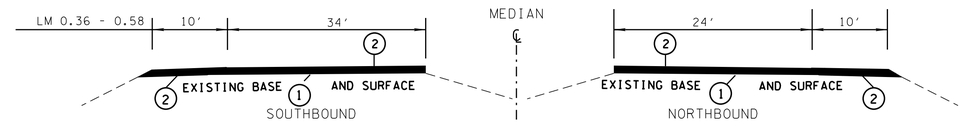
SR-294 ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
(1)(2)-	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	135
(3)-	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	9
(4)(5)(6)-	411-02.10	ACS MIX(PG70-22) GRADING D	TON	1341
(7)-	415-01.02	COLD PLANING BITUMINOUS PAVEMENT	S.Y.	27478
	712-01	TRAFFIC CONTROL	LS	0.16
	712-04.02	FLEXIBLE DRUMS (CHANNELIZATION)	EACH	50
(8)-	712-06	SIGNS (CONSTRUCTION)	S.F.	197
	717-01	MOBILIZATION	LS	0.16

FOOTNOTES

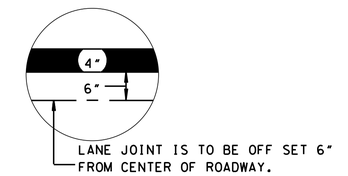
(1) TO BE USED FOR SHOULDER STONE AS DIRECTED BY TDOT PROJECT SUPERVISOR.
(2) INCLUDES ALL COSTS ASSOCIATED WITH CLIPPING EXISTING SHOULDERS, REMOVAL AND PROPER DISPOSAL OF CLIPPED MATERIAL AS DIRECTED BY TDOT PROJECT SUPERVISOR.
(3) INCLUDES 1 TON FOR CITY STREETS, BUSINESS ENTRANCES AND DRIVEWAYS.
(4) 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.
(5) INCLUDES 87 TONS FOR CITY STREETS, BUSINESS ENTRANCES AND DRIVEWAYS AND 100 TONS FOR SPOT LEVELING.
(6) SEE SPECIAL PROVISION 411C FOR RIDEABILITY.
(7) TO BECOME PROPERTY OF THE CONTRACTOR.
(8) 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"

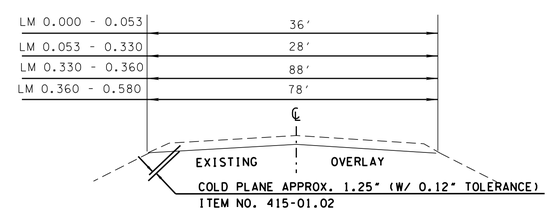


SR-294 ESTIMATED SAFETY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
	716-01.21	Snwplwble Pvmt Mrkrs (Bi-Dir)(1 Color)	EACH	80
	716-01.23	Snwplwble Pvmt Mrkrs (Bi-Dir)(2 Color)	EACH	30
(S1)-	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	70
	716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	3
(S2)-	716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	L.M.	4.5
(S3)-	716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	L.M.	2.8

FOOTNOTES

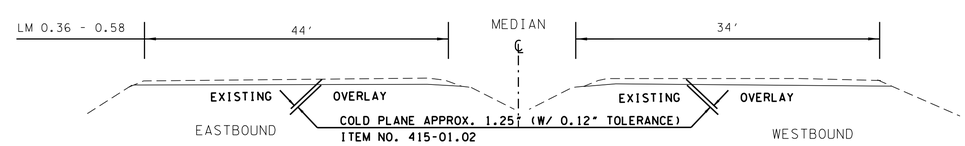
(S1) THE CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THE THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
(S2) TEMPORARY MARKING ON MILLED SURFACE AND INTERMITTANT LANE LINES.
(S3) PERMANENT PAVEMENT MARKING ONLY.



SR-294 TABULATED SIGNS (CONSTRUCTION) 712-06

QUANTITY	M.U.T.C.D. NO.	DESCRIPTION	SIZE IN X IN		ITEM NO. 712-06 S.F.
2	G20-2	END ROAD WORK	48	24	16
4	TN-64	GROOVED PAVEMENT	48	48	64
2	W20-7b	BE PREPARED TO STOP	36	36	18
4	W8-11	UNEVEN LANES	36	36	36
2	W20-1	ROAD WORK AHEAD	48	48	32
2	W20-7a	FLAGGER	36	36	18
2	W21-2	FRESH OIL	30	30	13
		TOTAL			197

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.



COLD PLANING DETAILS

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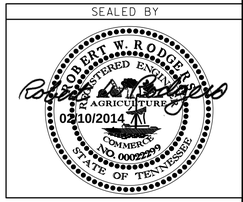

SR-294

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED QUANTITIES, TYPICAL SECTION & DETAILS

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