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

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2014	STP/HSIP-52(68)	4
		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-111 ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
(1)-	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	25
(2)(3)(4)-	411-02.10	ACS MIX(PG70-22) GRADING D	TON	3987
(5)-	415-01.02	COLD PLANING BITUMINOUS PAVEMENT	S.Y.	39415
	712-01	TRAFFIC CONTROL	LS	0.55
	712-04.02	FLEXIBLE DRUMS (CHANNELIZATION)	EACH	50
(6)-	712-06	SIGNS (CONSTRUCTION)	S.F.	555
	712-08.03	ARROW BOARD (TYPE C)	EACH	1
	717-01	MOBILIZATION	LS	0.55

FOOTNOTES

(1) INCLUDES 1 TONS FOR COUNTY ROADS, BUSINESS ENT., AND DRIVEWAYS.
(2) 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.
(3) INCLUDES 59 TONS FOR COUNTY ROADS, BUSINESS ENT., AND DRIVEWAYS.
(4) SEE SPECIAL PROVISION NO. 411C FOR RIDEABILITY.
(5) TO BECOME PROPERTY OF THE CONTRACTOR.
(6) SEE SIGN TABULATION BLOCK THIS SHEET FOR DETAILS.

SR-111 ESTIMATED SAFETY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
(S1)-	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	550
	411-12.02	SCORING SHOULDERS (NON-CONTINUOUS) (16IN WIDTH)	L.M.	3
	706-01	GUARDRAIL REMOVED	L.F.	500
(S1)-	705-04.07	TAN ENERGY ABSORBING TERM (NCHRP 350, TL3)	EACH	10
(S2)-	712-04.02	FLEXIBLE DRUMS (CHANNELIZATION)	EACH	20
	712-05.01	WARNING LIGHTS (TYPE A)	EACH	20
	716-01.21	Snwplwble Pvmt Mrkrs (Bi-Dir)(1 Color)	EACH	230
	716-01.23	Snwplwble Pvmt Mrkrs (Bi-Dir)(2 Color)	EACH	50
	716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.	120
(S3)-	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	80
	716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	6
(S4)-	716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	L.M.	7.9

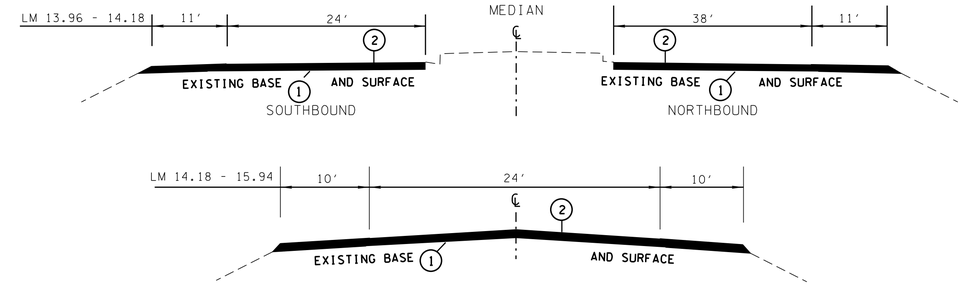
FOOTNOTES

(S1) SEE GUARDRAIL TABULATION BLOCK THIS SHEET FOR DETAILS.
(S2) TO BE USED AT EXPOSED GUARDRAIL ENDS. SEE GENERAL NOTE NO. 3, SHEET NO. 6.
(S3) 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.
(S4) PERMANENT PAVEMENT MARKING ONLY.

SR-111 TABULATED SIGNS (CONSTRUCTION) 712-06

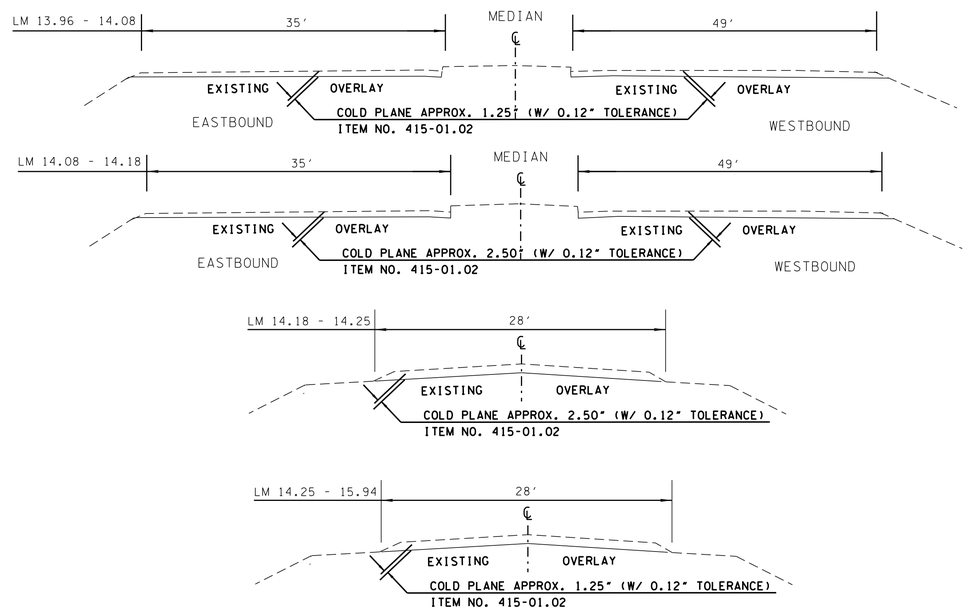
QUANTITY	M.U.T.C.D. NO.	DESCRIPTION	SIZE IN	SIZE X IN	ITEM NO. 712-06 S.F.
2	G20-1	ROAD WORK NEXT 2 MILES	60	24	20
8	G20-2	END ROAD WORK	48	24	64
10	TN-64	GROOVED PAVEMENT	36	36	90
2	W20-7b	BE PREPARED TO STOP	36	36	18
10	W8-11	UNEVEN LANES	36	36	90
6	W20-1	ROAD WORK AHEAD	48	48	96
1	W20-1	ROAD WORK 1 MILE	48	48	16
1	W20-1	ROAD WORK 1/2 MILE	48	48	16
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			555

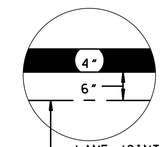
SEE FIGURE 6F-1 OF FIGURES SHOWN IN CURRENT M.U.T.C.D. THIS CONSTRUCTION SIGNING IS TO BE CONSTRUCTED AS A MINIMUM. OTHER SIGNS AS DIRECTED BY THE ENGINEER MAY BE REQUIRED DURING DIFFERENT PHASES.



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"



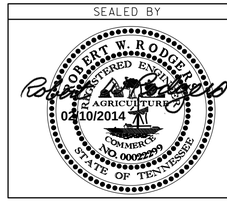


LANE JOINT IS TO BE OFF SET 6" FROM CENTER OF ROADWAY.

COLD PLANING DETAILS

SR-111 TABULATED GUARDRAIL				
Log Mile	Side	Item No. 303-01 MIN AGG (TON)	Item No. 705-04.07 Type 38	Item No. 706-01 GR Removal
14.140	RT	55	1	50.0
14.560	RT	55	1	50.0
14.580	RT	55	1	50.0
14.660	RT	55	1	50.0
14.960	RT	55	1	50
15.120	RT	55	1	50.0
15.240	RT	55	1	50.0
15.540	RT	55	1	50.0
15.600	RT	55	1	50.0
15.860	LT	55	1	50.0
TOTAL		550	10	500.0

SEALED BY



SR-111

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED QUANTITIES, TYPICAL SECTION & DETAILS

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