TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2015	STP/HSIP-1(334)	3
		93001-3262-94 93001-8262-14	
		18002-3231-94 18002-8231-14	

REVISED 12-30-14: DELETED ITEM NOS. 203-06 & 208-01.02. CHANGED QUANTITY OF ITEM NOS. 303-01, 712-06, 713-02.14 & 713-16.21. CHANGED FOOTNOTE NOS. (1) & (S1). DELETED FOOTNOTE NOS. (8), (9) & (10). ADDED MINERAL AGGREGATE BASE 303-01 TO SHOULDER ON TYPICAL SECTION.

CUMBERLAND CO. ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
(1)	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	800
(2)	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	23
(3)(4)(5)	411-03.12	ACS MIX(PG64-22) THIN LIFT D ASPHALT	TON	2219
(6)	415-01.02	COLD PLANING BITUMINOUS PAVEMENT	S.Y.	30812
	712-01	TRAFFIC CONTROL	LS	0.5
(7)	712-06	SIGNS (CONSTRUCTION)	S.F.	282
	717-01	MOBILIZATION	LS	0.5

FOOTNOTES

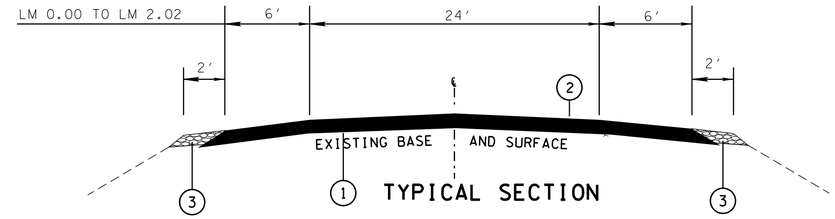
(1) TO BE USED AT COUNTY ROAD RADII, BUS ENT, DRIVES, MAILBOX LANDINGS AND AT VARIOUS SHOULDERS AS DIRECTED BY THE TDOT PROJECT SUPERVISOR. INCLUDES ALL COST ASSOCIATED WITH CLIPPING AND LEVELING SHOULDERS.
(2) INCLUDES 3.2 TON FOR SPOT LEVELING, SIDE ROADS & ENTRANCES.
(3) INCLUDES 300 TONS FOR SPOT LEVELING, SIDE ROADS & ENTRANCES.
(4) SEE SPECIAL PROVISION 411C FOR RIDEABILITY
(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) TO BECOME THE PROPERTY OF THE CONTRACTOR.
(7) SEE CONSTRUCTION SIGN TABULATION BLOCK FOR DETAILS.
(8) DELETED
(9) DELETED
(10) DELETED

CUMBERLAND CO. ESTIMATED SAFETY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
	411-12.03	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (8IN WIDTH)	L.M.	3
(S1)	713-02.14	FLEXIBLE DELINEATOR (WHITE)	EACH	22
(S2)(S3)(S4)	713-16.20	SIGNS (SCHOOL BUS STOP SYMBOL AHEAD (S3-1))	EACH	2
(S1)(S2)(S4)	713-16.21	SIGNS (STOP SIGN, (R1-1), 30"X30", POST AND INSTALLATION)	EACH	4
(S5)	716-01.21	Snwplwble Pvmt Mrkrs (Bi-Dir)(1 Color)	EACH	135
(S6)	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	150
(S7)	716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	L.M.	13.6
(S8)	716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	L.M.	6.8

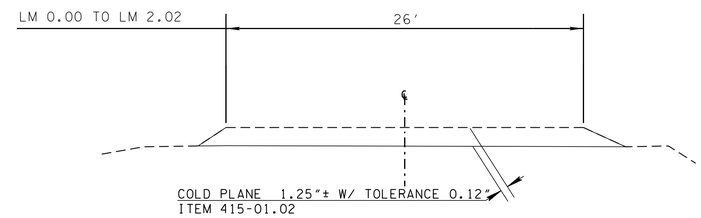
FOOTNOTES

(S1) TO BE PLACED WHERE AND AS DIRECTED BY TDOT PROJECT SUPERVISOR. INCLUDES COST OF REMOVAL OF EXISITNG DELINEATORS.
(S2) INCLUDES ALL COSTS ASSOCIATED WITH REMOVAL OF EXISTING SIGNS. SIGNS THAT ARE TO BE REPLACED SHALL BECOME PROPERTY OF THE CONTRACTOR.
(S3) APPROXIMATE LOCATIONS ARE: LM 0.55 EB AND LM 0.75 WB. EXACT LOCATIONS ARE TO BE DETERMINED BY THE TDOT PROJECT SUPERVISOR.
(S4) SIGN SHALL BE INCOMPLIANCE WITH CURRENT MUTCD SPECIFICATIONS.
(S5) INCLUDES ALL COSTS ASSOCIATED WITH REMOVAL OF EXISTING PAVEMENT MARKERS.
(S6) THE CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. THE SAME UNIT PRICE SHALL BE PAID FOR PREFORMED PLASTIC.
(S7) TEMPORARY PAVEMENT MARKING ON MILLED SURFACE, INTERMEDIATE LANE LINES AND EDGE LINE MARKING FOR RUMBLE STRIPE PLACEMENT LOCATION.
(S8) FOR PERMANENT PAVEMENT MARKING ONLY.



TYPICAL SECTION

PROPOSED PAVEMENT SCHEDULE
1 TACK COAT (TC) @ (0.10 GAL./S.Y.) ITEM 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC)
2 BITUMINOUS SURFACE "THIN LIFT" @ APPROX. 85 LBS./S.Y. ITEM 411-03.12 ACS MIX (PG64-22) THIN LIFT D ASPHALT
3 MINERAL AGGREGATE BASE 2" THICK @ 2.03 TONS/C.Y. ITEM 303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING "D"



COLD PLANING DETAIL

CUMBERLAND CO. TABULATED SIGNS (CONSTRUCTION) 712-06

QUANTITY	M.U.T.C.D. NO.	DESCRIPTION	SIZE IN X IN		ITEM NO. 712-06 S.F.
1	G20-1	ROAD WORK NEXT 4 MILES	36	18	5
1	G20-2	END ROAD WORK	36	18	5
1	W3-4	BE PREPARED TO STOP	36	36	9
11	W8-11	UNEVEN LANES	36	36	99
9	W20-1	ROAD WORK AHEAD	36	36	81
1	W20-1	ROAD WORK 1500 FT	36	36	9
1	W20-1	ROAD WORK 1000 FT	36	36	9
1	W20-1	ROAD WORK 500 FT	36	36	9
1	W20-4	ONE LANE ROAD AHEAD	36	36	9
1	W20-7a	FLAGGER	36	36	9
2	TN-64	GROOVED PAVEMENT	48	48	32
1	W21-2	FRESH OIL	30	30	6
		TOTAL			282

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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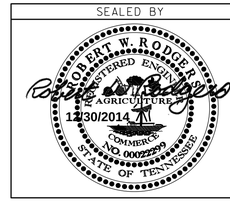

CUMBERLAND COUNTY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED QUANTITIES, TYPICAL SECTION & DETAILS

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