TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2015	NH/HSIP-111(95)	2
		33156-3217-94, 33156-8217-14	
		77041-3223-94, 77041-8223-14	

HAMILTON SR-111 ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
	403-01.01	BITUMINOUS MATERIAL FOR TACK COAT (MICRO-SURFACING)	TON	21
(1)	403-05.01	BITUMINOUS MATERIAL (FOG SEAL) SHOULDER	TON	21
(2)	414-03.01	EMULSIFIED ASPHALT FOR MICRO-SURFACING	TON	171
	414-03.02	AGGREGATE FOR MICRO SURFACING	TON	1427
	712-01	TRAFFIC CONTROL	LS	0.46
	712-04.02	FLEXIBLE DRUMS (CHANNELIZATION)	EACH	150
(3)	712-06	SIGNS (CONSTRUCTION)	S.F.	896
	712-08.03	ARROW BOARD (TYPE C)	EACH	1
	713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH	1
(4)	716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	L.M.	
	717-01	MOBILIZATION	LS	0.46

FOOTNOTES

(1) USE HIGH PERFORMANCE FOG SEAL FROM QPL 40.001 ON SHOULDERS
(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) SEE CONSTRUCTION SIGN TABULATION BLOCK FOR DETAILS.
(4) FOR TRAFFFIC CONTROL ON INTERMEDIATE LANE LINES.

HAMILTON SR 111 ESTIMATED SAFETY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
	411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	L.M.	7.5
	411-12.02	SCORING SHOULDERS (NON-CONTINUOUS) (16IN WIDTH)	L.M.	5.6
(S1)	716-01.22	Snwplwble Pvmt Mrkrs (Mono-Dir)(1 Color)	EACH	102
	716-01.23	Snwplwble Pvmt Mrkrs (Bi-Dir)(2 Color)	EACH	664
(S2)	716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.	463
	716-04.07	PLASTIC PAVEMENT MARKING (EXIT ONLY ARROW)	EACH	3
	716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	17.4
(S3)	716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	L.F.	670
	716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	L.F.	6861
	716-12.10	ENHANCED FLAT LINE THERMO (12IN DOTTED)	L.F.	1980

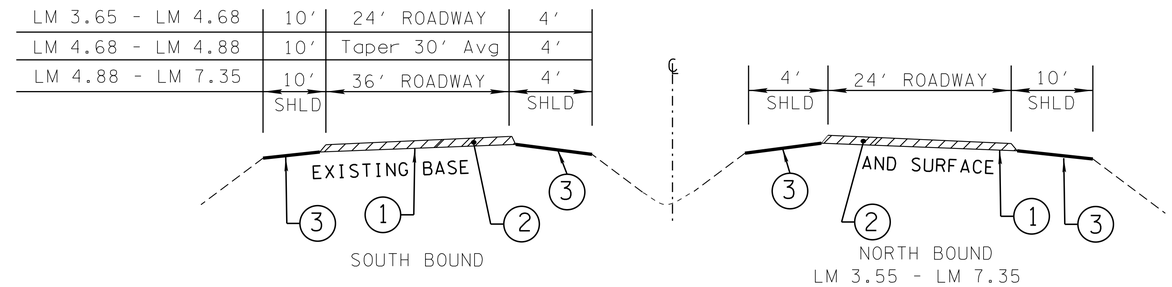
FOOTNOTES

(S1) INCLUDES COST OF REMOVAL OF EXISITNG PAVEMENT MARKERS.
(S2) CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
(S3) FOR PERMANENT PAVEMENT MARKING ONLY.

HAMILTON CO. 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 9 MILES	48	24	16
4	G20-2	END ROAD WORK	48	24	32
2	W3-4	BE PREPARED TO STOP	48	48	32
4	W20-1	ROAD WORK AHEAD	48	48	64
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	48	48	32
2	W20-7a	FLAGGER	48	48	32
2	W21-2	FRESH OIL	48	48	32
		TOTAL			336

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.



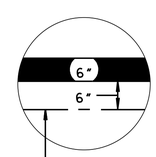
HAMILTON CO.
TYPICAL SECTION

PROPOSED PAVEMENT SCHEDULE

(1) TACK COAT (TC) APPLICATION RATE @ 0.15 GAL/S.Y.(DILUTED)
ITEM 403-01.01 BITUMINOUS MATERIAL FOR TACK COAT (TC)

(2) MICRO- SURFACING (FROM INSIDE EDGELINE TO INSIDE EDGELINE)
ITEM 414-03.01 EMULSIFIED ASPHALT FOR MICRO-SURFACING (@ 12 % OF DRY WEIGHT OF AGGREGATE)
ITEM 414-03.02 AGGREGATE FOR MICRO-SURFACING (@ 22 LBS/SY)

(3) HIGH PERFORMANCE FOG SEAL APPLICATION RATE @ 0.15 GAL/SY
(USE HIGH PERFORMANCE FOG SEAL FROM OPL 40.001)
ITEM 403-05.01 EMULSIFIED ASPHALT (FOR SEAL) SHOULDER



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

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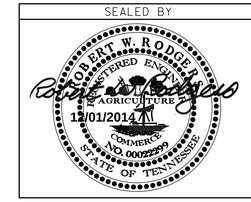

HAMILTON CO.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED QUANTITIES, TYPICAL SECTION & DETAILS

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