TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2015	NH/HSIP-111(95)	3
		33156-3217-94, 33156-8217-14	
		77041-3223-94, 77041-8223-14	

SEQUATCHIE SR-111 ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
	403-01.01	BITUMINOUS MATERIAL FOR TACK COAT (MICRO-SURFACING)	TON	24
(1)	403-05.01	BITUMINOUS MATERIAL (FOG SEAL) SHOULDER	TON	23
(2)	414-03.01	EMULSIFIED ASPHALT FOR MICRO-SURFACING	TON	196
(2)	414-03.02	AGGREGATE FOR MICRO SURFACING	TON	1635
	712-01	TRAFFIC CONTROL	LS	0.54
	712-04.02	FLEXIBLE DRUMS (CHANNELIZATION)	EACH	150
(3)	712-06	SIGNS (CONSTRUCTION)	S.F.	336
	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	0.54

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.

SEQUATCHIE CO. SR 111 ESTIMATED SAFETY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
(S1)	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	150
	411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	L.M.	6.5
	411-12.02	SCORING SHOULDERS (NON-CONTINUOUS) (16IN WIDTH)	L.M.	8.7
(S1)	705-04.07	TAN ENERGY ABSORBING TERM (NCHRP 350, TL3)	EACH	6
(S1)	706-01	GUARDRAIL REMOVED	L.F.	300
(S2)	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	12
(S2)	712-05.01	WARNING LIGHTS (TYPE A)	EACH	12
(S3)	716-01.23	Snwplwble Pvmt Mrkrs (Bi-Dir)(2 Color)	EACH	885
(S4)	716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.	161
(S5)	716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	19.5
(S5)	716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	L.F.	559
(S5)	716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	L.F.	4217

FOOTNOTES

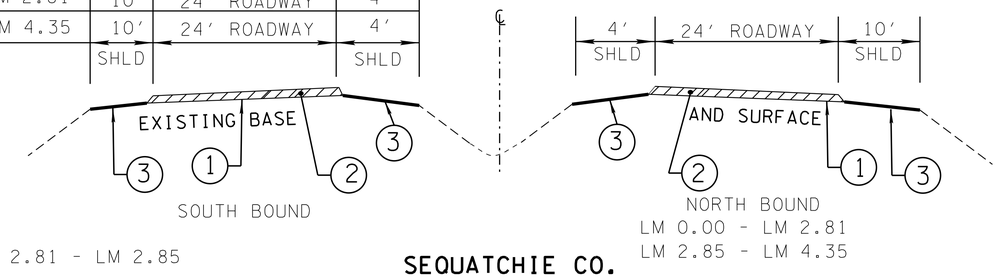
(S1) SEE GUARDRAIL TABULATION BLOCK THIS SHEET FOR DETAILS.
(S2) TO BE USED AT EXPOSED GUARDRAIL ENDS. SEE GENERAL NOTE 3, SHEET 6 FOR DETAILS.
(S3) INCLUDES COST OF REMOVAL OF EXISITNG PAVEMENT MARKERS.
(S4) CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
(S5) FOR PERMANENT PAVEMENT MARKING ONLY.

SEQUATCHIE 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.

LM 0.00 - LM 2.67	10'	36' ROADWAY	4'
LM 2.67 - LM 2.75	10'	Taper 30' Avg	4'
LM 2.75 - LM 2.81	10'	24' ROADWAY	4'
* LM 2.85 - LM 4.35	10'	24' ROADWAY	4'
	SHLD		SHLD

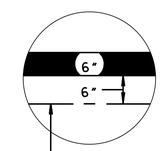


* EXCLUSION LM 2.81 - LM 2.85

SEQUATCHIE 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 QPL 40.001)
   ITEM 403-05.01 EMULSIFIED ASPHALT (FOR SEAL) SHOULDER



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

SEQUATCHIE CO. TABULATED GUARDRAIL

Log Mile	Log Mile	Side	Item No. 303-01 MIN AGG (TON)	Item No. 705-04.07 Type 38	Item No. 706-01 GUARDRAIL REMOVED LF
3.397	3.402	NB(Rt)	25	1	50
4.093	4.102	SB(Rt)	25	1	50
3.185	3.193	SB(Rt)	25	1	50
3.955	2.963	SB(Rt)	25	1	50
2.107	2.117	SB(Rt)	25	1	50
1.987	1.997	SB(Rt)	25	1	50
TOTAL			150	6	300

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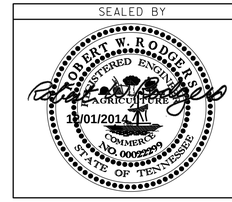

SEQUATCHIE CO.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED QUANTITIES, TYPICAL SECTION & DETAILS

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