TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2015	HSIP-292(10)	4
		14011-3204-94 14011-4204-04	
		67010-3204-94 67010-4204-04	
		HSIP-293(12)	
		67065-3202-94 67065-4202-04	

OVERTON SR-293 ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	ALT "A" QUANTITY	ALT "B" QUANTITY	TOTAL QUANTITY
(1)-	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON		20	
(2)-	403-01.01	BITUMINOUS MATERIAL FOR TACK COAT (MICRO-SURFACING)	TON	11		
(3)(4)-	411-03.05	ACS MIX(PG64-22) THIN LIFT CS ASPHALT	S.Y.		64043	
	414-03.03	MICRO SURFACING	S.Y.	64043		
	712-01	TRAFFIC CONTROL	LS			0.32
(5)-	712-06	SIGNS (CONSTRUCTION)	S.F.			302
(6)-	716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	L.M.			9.3
	717-01	MOBILIZATION	LS			0.32

FOOTNOTES

(1) INCLUDES 0.11 TON FOR COUNTY ROADS.
(2) INCLUDES 0.06 TON FOR COUNTY ROADS.
(3) INCLUDES 378 SY FOR COUNTY ROADS.
(4) A MATERIAL TRANSFER DEVICE (MTD) IS TO BE USED ON ALL MIXES. SEE SPECIAL PROVISION 407G. ALL COST SHALL BE BE INCLUDED IN THE UNIT PRICE FOR THIS BID ITEM.
(5) SEE SIGN TABULATION BLOCK THIS SHEET FOR DETAILS.
(6) TEMPORARY PAVEMENT MARKING ON INTERMEDIATE LANE LINES FOR TRAFFIC CONTROL ONLY.

OVERTON SR-293 ESTIMATED SAFETY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	175
(S1)-	705-02.02	SINGLE GUARDRAIL (TYPE 2)	L.F.	1648
	705-04.05	GUARDRAIL TERMINAL (TYPE-IN-LINE)	EACH	1
	705-04.07	TAN ENERGY ABSORBING TERM (NCHRP 350, TL3)	EACH	7
(S2)-	706-01	GUARDRAIL REMOVED	L.F.	220
(S3)-	712-04.02	FLEXIBLE DRUMS (CHANNELIZATION)	EACH	14
	712-05.01	WARNING LIGHTS (TYPE A)	EACH	14
	716-01.21	Snwplwble Pvmt Mrkrs (Bi-Dir)(1 Color)	EACH	320
(S4)-	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	97
(S4)(S7)-	716-03.03	PLASTIC WORD PAVEMENT MARKING (STOP AHEAD)	EACH	2
(S5)(S6)-	716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	L.M.	18.6

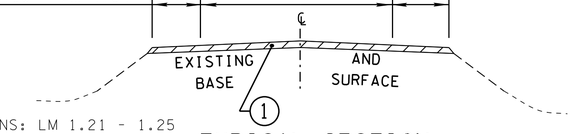
FOOTNOTES

(S1) SEE GUARDRAIL TABULATION BLOCK THIS SHEET FOR DETAILS.
(S2) TO BECOME PROPERTY OF THE CONTRACTOR.
(S3) TO BE USED AT EXPOSED GUARDRAIL ENDS. SEE GENERAL NOTE 3, SHEET NO. 5 FOR DETAILS.
(S4) CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR
(S5) FOR PERMANENT PAVEMENT MARKING ONLY.
(S6) INCLUDES ALL COSTS ASSOCIATED WITH THE REMOVAL EXISTING PAVEMENT MARKINGS AND SPECIALTY PAVEMENT MARKINGS.
(S7) TO BE PLACE ALONGSIDE EXISITNG STOP AHEAD SIGNS AT THE APPROACHES TO SR-111 AND SR-136.

OVERTON SR-293 TABULATED GUARDRAIL

Log Mile	Log Mile	Side	Item No. 303-01 MIN AGG (TON)	Item No. 705-02.02 Type 2 GR	Item No. 705-04.05 Type In-Line	Item No. 705-04.07 Type 38	Item No. 706-01 GR Removal
0.670		RT	25			1	
0.670	0.970	RT		1480			
0.970		RT	25			1	
1.140		RT	25			1	50.0
1.278		LT	25			1	50.0
3.670		LT-RT	50			2	
3.670	3.370	LT-RT					120.0
3.680	3.712	LT-RT		168			
3.671					1		
3.712		RT	25			1	
TOTAL			175	1648	1	7	220

LM 0.00 - LM 1.12	2'	21'	2'
✱ LM 1.12 - LM 1.21	3'	21'	3'
LM 1.25 - LM 1.32	3'	21'	3'
✱ LM 1.32 - LM 3.67	1'	21'	1'
LM 3.68 - LM 4.64	1'	21'	1'

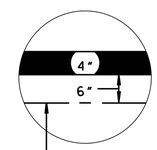


✱ EXCLUSIONS: LM 1.21 - 1.25
LM 3.67 - 3.68

TYPICAL SECTION

PROPOSED PAVEMENT SCHEDULE

ALT "A"	1	MICRO-SURFACING @ 22 LBS / SY ITEM 414-03.03 MICRO-SURFACING (S.Y.)
		TACK COAT (TC) APPLICATION RATE @ 0.15 GAL/S.Y. (DILUTED) ITEM 403-01.01 BITUMINOUS MATERIAL FOR TACK COAT (TC) FOR MICROSURFACING
ALT "B"	1	SURFACING THIN LIFT MIX @ 65 LBS/SY ITEM 411-03.05 ACS MIX (PG 64-22) THIN LIFT CS ASPHALT (S.Y.) NOTE - CS MIX WILL REQURE SKID MATERIAL
		TACK COAT (TC) APPLICATION RATE @ 0.07 GAL/S.Y. ITEM 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC)



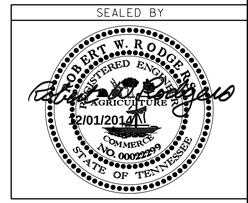
LANE JOINT IS TO BE OFF SET 6" FROM CENTER OF ROADWAY.

OVERTON SR-293 SIGNS (CONST) 712-06

QTY	MUTCD NO.	DESCRIPTION	SIZE IN	SIZE X IN	ITEM NO. 712-06 S.F.
2	G20-1	ROAD WORK NEXT 5 MILES	36	18	9
11	G20-2	END ROAD WORK	36	18	50
2	W3-4	BE PREPARED TO STOP	36	36	18
7	W20-1	ROAD WORK AHEAD	36	36	63
4	W20-1	ROAD WORK 1500 FT	36	36	36
4	W20-1	ROAD WORK 1000 FT	36	36	36
4	W20-1	ROAD WORK 500 FT	36	36	36
2	W20-4	ONE LANE ROAD AHEAD	36	36	18
2	W20-7a	FLAGGER	36	36	18
2	W21-2	FRESH OIL	36	36	18
TOTAL					302

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.

SEALED BY



OVERTON CO
SR-293

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED QUANTITIES, TYPICAL SECTION & DETAILS

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