TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2014	HSIP-I-24-1(105)	2

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY 19002-1185-94 118363.00
	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	125
	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	65
	411-03.14	ACS MIX(PG76-22) THIN LIFT D ASPHALT	TON	7903
	411-03.15	ASP CEM(PG76-22)FOR OGFC MIX	TON	394
	411-03.16	AGGREGATE FOR OGFC MIX	TON	5636
	411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	L.M.	1.28
	415-01.01	COLD PLANING BITUMINOUS PAVEMENT	TON	7827
	611-09.01	ADJUSTMENT OF EXISTING CATCHBASIN	EACH	12
5)	711-04.03	CONCRETE GLARE SCREEN (TAPER TO 32")	L.F.	30
2)	711-05.01	REMOVAL & DISPOSAL OF CONCRETE MEDIAN BARRIER	L.F.	40
	712-01	TRAFFIC CONTROL	LS	0.5
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	100
	712-06	SIGNS (CONSTRUCTION)	S.F.	987
	712-06.16	SIGNS (CONSTRUCTION)(REDUCED SPEED WARNING)	EACH	3
	712-08.03	ARROW BOARD (TYPE C)	EACH	6
	712-08.10	MOBILE MESSAGE SIGN UNIT W/ATTENUATOR	HOUR	
	713-01.10	SIGNING	LS	0.5
	713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH	6
	713-01.01	CLASS A CONCRETE (FOUNDATION FOR SIGN SUPPORTS)	C.Y.	4.6
	713-01.02	STEEL BAR REINFORCEMENT(FOUNDATION FOR SIGN SUPPORTS)	LB.	1302
	713-06	STEEL I-BEAMS & WF-BEAMS(BREAKAWAY) SIGN SUPPORT	LB.	2716
8)	713-09.01	STEEL OVERHEAD SIGN STRUCTURE (SPAN=92'-0"+-)	EACH	1
	713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	S.F.	4
	713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	S.F.	248
	713-14	EXTRUDED ALUMINUM PANEL SIGNS	S.F.	704
1)	713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	LS	0.5
7)	713-15.02	REMOVAL & RELOCATION OF SIGN & SUPPORT	EACH	
	713-17.02	INSTALL AUXILIARY SUPPORT FOR EXIT NUMBER PANEL	EACH	2
3)	713-17.29	MODIFY EXIST BRIDGE MOUNT SIGN SUPPORT	LS	0.5
4)	713-17.30	MODIFY EXISTING OVERHEAD SIGN STRUCTURE	LS	0.5
6)	713-17.31	MODIFY EXISTING OVERHEAD SIGN STRUCTURE	LS	0.5
	716-01.23	Snwplwble Pvmt Mrkrs (Bi-Dir)(2 Color)	EACH	792
	716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	EACH	784
	716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.	3000
	716-04.08	PLASTIC PAVEMENT MARKING (OPTION LANE ARROW)	EACH	2
	716-04.14	PLASTIC PAVEMENT MARKING (LANE REDUCTION ARROW)	EACH	7
	716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	L.M.	8.2
	716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	8.2
	716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	L.F.	3740
	716-12.06	ENHANCED FLAT LINE THERMO (8IN LINE)	L.F.	6700
	716-12.09	ENHANCED FLAT LINE THERMO (12IN LINE)	L.F.	700
	717-01	MOBILIZATION	LS	0.5

FOOTNOTES:

1. REMOVE SIGN FACE, SUPPORTS AND FOOTINGS ON 9 SIGNS (1,2,3,5,6,10,14,15&16), REMOVE SIGN FACE ON 2 SIGNS MOUNTED ON BRIDGE RAIL (SIGNS NO. 13 &14), REMOVE 1 SIGN FACE ON OVERHEAD SIGN STRUCTURE (SIGN NO. 17), REMOVE 1 SIGN FACE ON BRIDGE MOUNT SIGN STRUCTURE (SIGN NO. 7) REMOVE ON OVERHEAD SIGN STRUCTURE (SIGN NO. 4) REMOVE SUPPORTS AND FOOTNINGS (SIGN NO. 9A).ALL OF THESE SIGNS ARE WITHIN THE PROJECT LIMITS OR AS DIRECTED BY THE ENGINEER.
2. REMOVE OVERHEAD SIGN STRUCTURE FOOTING AND TRANSITIONS ON THE EXISTING MEDIAN BARRIER WALL.
3. TO INCLUDE ANY ADDITIONAL VERTICAL SUPPORTS AND HARDWARE FOR PROPOSED EXTRUDED PANELS ON EXISTING BRIDGE MOUNT STRUCTURE FOR SIGN NO. 7.
4. TO INCLUDE ANY ADDITIONAL VERTICAL SUPPORTS AND HARDWARE FOR PROPOSED EXTRUDED PANELS ON EXISTING OVERHEAD STRUCTURE FOR SIGN NO. 17.
5. TRANSITIONS ON THIS STRUCTURE SHALL BE FROM EXISTING 32" MEDIAN BARRIER WALL TO THE PROPOSED 51" OVERHEAD SIGN STRUCTURE FOOTING. (SEE REFERENCE DRAWING SH. #11)
6. TO INCLUDE ANY ADDITIONAL VERTICAL SUPPORTS AND HARDWARE FOR PROPOSED EXTRUDED PANELS ON EXISTING OVERHEAD SIGN STRUCTURE FOR SIGN NO.11.
7. SEE SHEET 5 AND 5A FOR LOCATIONS OF SIGNS TO BE REMOVED AND RELOCATED.
8. THE COST OF FOOTINGS ARE TO BE INCLUDED IN THE BID ITEM FOR THIS SIGN STRUCTURE.

SPECIAL BRIDGE NOTES

19-I24-14.73	LEAVE AS IS
19-I24-15.06	LEAVE AS IS
19-I24-15.42 EBL	COLD PLANE 1.25" OF THE EXISTING ASPHALT AND REPLACE WITH 1.25" NEW ASPHALT.
19-I24-15.42 WBL	COLD PLANE 1.25" OF THE EXISTING ASPHALT AND REPLACE WITH 1.25" NEW ASPHALT.
19-I24-15.70	COLD PLANE 1.25" OF THE EXISTING ASPHALT AND REPLACE WITH 1.25" NEW ASPHALT.
19-I24-15.88	COLD PLANE 1.25" OF THE EXISTING ASPHALT AND REPLACE WITH 1.25" NEW ASPHALT.

THE CONTRACTOR SHOULD TAKE EXTREME CARE WHEN COLD PLANING THE EXISTING ASPHALT OFF BRIDGE DECK, SO AS NOT TO DAMAGE THE EXISTING DECK SEALANT AND/OR EXPANSION JOIN MEMBERS (STEEL PLATES, BARS, AND/OR HEADERS). IF DAMAGE DOES OCCUR, THE CONTRACTOR SHALL BE RESPONSIBLE FOR NECESSARY REPAIRS ON ALL DAMAGED MEMBERS TO THE SATISFACTION OF THE PROJECT ENGINEER AT NO ADDITIONAL COST

CONSTRUCTABILITY FIELD REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY QUANTITIES

10-JAN-2014 14:19
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