TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	HSIP-I-65-2(97)	2A

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
	705-08.51	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3	EACH	3
	706-01	GUARDRAIL REMOVED	L.F.	373
	706-02.21	RESET SINGLE GUARDRAIL (TYPE 2)	L.F.	50
(22)	709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	300
(23)	709-05.06	MACHINED RIP-RAP (CLASS A-1)	TON	160
(13)	710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	L.F.	2290
	710-05	LATERAL UNDERDRAIN	L.F.	175
	710-06.13	LATERAL UNDERDRAIN ENDWALL (4:1)	EACH	7
	710-06.15	LATERAL UNDERDRAIN ENDWALL (6:1)	EACH	5
	711-05.72	SINGLE SLOPE HALF CONCRETE BARRIER WALL	L.F.	392
	712-01	TRAFFIC CONTROL	LS	1
	712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	2800
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	126
	712-06	SIGNS (CONSTRUCTION)	S.F.	436
	712-08.03	ARROW BOARD (TYPE C)	EACH	4
(25)	712-09.01	REMOVABLE PAVEMENT MARKING LINE	L.F.	2823
(16)	712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	L.F.	7061
	712-09.04	REMOVABLE PAVEMENT MARKING (STOP LINE)	L.F.	108
	713-01.01	CLASS A CONCRETE (FOUNDATION FOR SIGN SUPPORTS)	C.Y.	4
	713-01.02	STEEL BAR REINFORCEMENT(FOUNDATION FOR SIGN SUPPORTS)	LB.	865
(19)	713-02.14	FLEXIBLE DELINEATOR (WHITE)	EACH	10
(19)	713-02.15	FLEXIBLE DELINEATOR (YELLOW)	EACH	10
(33)	713-02.21	SIGN POST DELINEATION ENHANCEMENT	L.F.	48
	713-05	STEEL HOLLOW SQUARE POST (BREAKAWAY) SIGN SUPPORTS	LB.	500
	713-06	STEEL I-BEAMS & WF-BEAMS(BREAKAWAY) SIGN SUPPORT	LB.	1089
	713-11.03	2 1/2" DIA ROUND STEEL TUBE SIGN POST	LB.	165
(20)	713-11.23	ROUND POST SLIP BASE	EACH	4
	713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	S.F.	55
	713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	S.F.	153
	713-14	EXTRUDED ALUMINUM PANEL SIGNS	S.F.	74
(14)	713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	LS	1
(15)	716-01.21	SNWPLWBLE PVMT MRKRS (BI-DIR)(1 COLOR)	EACH	63
(11)	716-02.03	PLASTIC PAVEMENT MARKING (CROSS-WALK)	L.F.	44
	716-02.04	PLASTIC PAVEMENT MARKING (CHANNELIZATION STRIPING)	S.Y.	120
(11)	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	270
(11)	716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	19
(11) (12)	716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	L.F.	173
(11)	716-04.01	PLASTIC PAVEMENT MARKING (STRAIGHT-TURN ARROW)	EACH	7
(11)	716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	S.F.	69
(26)	716-08.01	REMOVAL OF PAVEMENT MARKING (LINE)	L.F.	2526
	716-08.03	REMOVAL OF PAVEMENT MARKING (CROSS-WALK)	L.F.	120
(27)	716-08.32	HYDROBLAST REMOVAL OF PAVEMENT MARKING(SR253, LIPSCOMB DRIVE AND GENERAL MACARTHUR DRIVE PAVEMENT MARKING REMOVAL)	L.F.	1250
(18)	716-12.01	ENHANCED FLATLINE THERMO PVMT MRKING (4IN LINE)	L.M.	1
(17)	716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	1.3
(28)	716-12.04	ENHANCED FLATLINE THERMO PVMT MRKING (4IN DOTTED LINE)	L.F.	100
	716-12.05	ENHANCED FLATLINE THERMOPVMT MRKING (6IN DOTTED LINE)	L.F.	558
	717-01	MOBILIZATION	LS	1
(21)	730-12.22	PAINT (CURB FACE FOR N.B AND S.B. OFF-RAMPS)	LS	1
(24)	740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	791
	801-01	SEEDING (WITH MULCH)	UNIT	7
(30)	801-01.02	CROWN VETCH MIXTURE (WITH MULCH)	UNIT	2
(29)	801-03	WATER (SEEDING & SODDING)	M.G.	32
	803-01	SODDING (NEW SOD)	S.Y.	3064
(30)	805-12.02	EROSION CONTROL BLANKET (TYPE II)	S.Y.	200

NOTES:

(11) THE CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.

(12) FOR VEHICLE DOUBLE TURN PATH DELINEATION.

(13) COST TO INCLUDE TRENCHING, FURNISHING AND INSTALLING THE PIPE AND AGGREGATE

(14) REMOVE EXISTING SIGN FACE, SUPPORTS AND FOOTINGS ON APPROXIMATELY 20 EXISTING SIGNS WITHIN THE PROJECT LIMITS OR AS DIRECTED BY THE ENGINEER.

(15) INCLUDES 23 FOR N.B. ON-RAMP AND 40 FOR S.B. OFF-RAMP.

(16) FOR USE NEXT TO PORTABLE CONCRETE BARRIER RAIL.

(17) FOR EDGE AND CENTER LINES ON THE S.B. OFF-RAMP, N.B. ON-RAMP AND I-65 N.B. OFF-RAMP DECELERATION LANE.

(18) FOR EDGE AND CENTER LINES ON S.R. 253, LIPSCOMB DRIVE AND GENERAL MACARTHUR DRIVE, AS DIRECTED BY THE ENGINEER.

(19) TO BE USED ON RAMP, QUANTITIES MAY BE INCREASED OR DECREASED, COST TO INCLUDE REMOVAL OF ANY EXISTING DELINATORS - AS DIRECTED BY THE ENGINEER.

(20) SEE SIGN SCHEDULE SHEET & STANDARD DRAWING T-S-23B FOR DETAILS

(21) TO BE USED TO PAINT CURB FACE WHITE ALONG PERIMETER OF THE PROPOSED RAISED CONCRETE ISLANDS ALONG SR253 FOR N.B. AND S.B. OFF-RAMPS.

(22) TO BE USED FOR CONSTRUCTION OF SIX TEMPORARY CONSTRUCTION EXITS.

(23) TO BE USED FOR INLET CULVERT PROTECTION AND SLOPE PROTECTION. INCLUDES 22.8 TON FOR 18" CROSS DRAIN UNDER N.B. OFF-RAMP, 123.20 TON FOR 30" CROSS DRAIN UNDER S.B. OFF-RAMP AND 14.0 TON FOR SLOPE PROTECTION AT THE END OF RETAINING WALL, SEE SHEET 5A FOR LOCATION.

(24) TO BE USED FOR INLET CULVERT PROTECTION AND SIX TEMPORARY CONSTRUCTION EXITS. INCLUDES 53.80 S.Y. FOR 18" CROSS DRAIN UNDER N.B. OFF-RAMP, 222.29 S.Y. FOR 30" CROSS DRAIN UNDER S.B. OFF-RAMP AND 515 S.Y. FOR SIX TEMPORARY CONSTRUCTION EXITS.

(25) TO BE USED FOR TEMP. TRAFFIC CONTROL. INCLUDED 204' FOR S.B. OFF- RAMP AND 2619' FOR N.B. OFF RAMP, CONCOARD ROAD AND LIPSCOMB DRIVE.

(26) TO BE USED FOR S.B. OFF-RAMP.

(27) TO BE USED FOR CONCOARD ROAD(SR253), LIPSCOMB DRIVE AND GENERAL MACARTHUR DRIVE, AS DIRECTED BY THE ENGINEER.

(28) TO BE USED FOR GENERAL MACARTHUR DRIVE, AS DIRECTED BY THE ENGINEER.

(29) INCLUDES 1 M.G. FOR EROSION PREVENSTION AND SEDIMENT CONTROL.

(30) TO BE USED ON ALL SLOPES 3H: 1V OR STEEPER AND OTHER AREAS, THAT ARE INACCESSIBLE FOR MOWING.

(32) INCLUDES 24' FOR S.B. OFF-RAMP AND 24' FOR N.B. OFF-RAMP. SEE SHEET 10 AND 10B FOR LOCATION.

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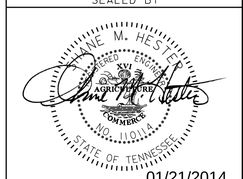

01/21/2014

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY QUANTITIES AND FOOTNOTES

22-JAN-2014 14:41
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