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

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
	105-01	CONSTRUCTION STAKES, LINES, AND GRADES	LS	1
	201-01	CLEARING AND GRUBBING	LS	1
	202-01.13	REMOVAL OF PIPES (15", STA. 300+99.95 AT S.B. OFF-RAMP)	L.F.	27
(3)	202-03	REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.	S.Y.	1978
	202-04.01	REMOVAL OF STRUCTURES (CATCH BASIN, STA. 300+99.95)	LS	1
(4)	202-08.15	REMOVAL OF CURB AND GUTTER (S.B. OFF-RAMP AND LIPSCOMB DR.)	L.F.	183
(8)	203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	4058
	203-06	WATER	M.G.	26
(5)	204-08.01	BACKFILL MATERIAL (FLOWABLE FILL)	C.Y.	6
(1)	209-05	SEDIMENT REMOVAL	C.Y.	86
(1)	209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	100
(1)	209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	L.F.	3182
(1)	209-08.07	ROCK CHECK DAM PER	EACH	5
(1)	209-08.08	ENHANCED ROCK CHECK DAM	EACH	5
(1)	209-08.09	FILTER SOCK CHECK DAM	EACH	27
(1)	209-40.33	CATCH BASIN PROTECTION (TYPE D)	EACH	1
(10)	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	3262
(7)	303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	17
	307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	TON	138
	307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	TON	196
	307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	TON	103
	307-02.02	ASPHALT CEMENT (PG70-22)(BPMB-HM) GRADING A-S	TON	4
	307-02.03	AGGREGATE (BPMB-HM) GRADING A-S MIX	TON	93
	307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	TON	51
	313-03	TREATED PERMEABLE BASE	S.Y.	6446
	402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	3
	402-02	AGGREGATE FOR COVER MATERIAL (PC)	TON	8
	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	1
	411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	TON	57
	411-01.10	ACS MIX(PG64-22) GRADING D	TON	53
	411-02.10	ACS MIX(PG70-22) GRADING D	TON	28
(32)	411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	L.M.	1
	501-01.03	PORTLAND CEMENT CONCRETE PAVEMENT (PLAIN) 10"	S.Y.	5807
(31)	604-07.01	RETAINING WALL (I-65: S.B. OFF-RAMP LT. SIDE, LENGTH = 392')	S.F.	3368
	607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	L.F.	12
	607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	L.F.	12
	611-02.11	JUNCTION BOX, TYPE 2	EACH	1
	611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	C.Y.	5
	611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	LB.	148
	611-41.02	CATCH BASINS, TYPE 41, > 4' - 8' DEPTH	EACH	1
	701-01.01	CONCRETE SIDEWALK (4")	S.F.	214
	701-02.03	CONCRETE HANDICAP RAMP	S.F.	186
	701-03	CONCRETE MEDIAN PAVEMENT	C.Y.	10
	702-01	CONCRETE CURB	C.Y.	6
	702-03	CONCRETE COMBINED CURB & GUTTER	C.Y.	9
(9)	703-01	CEMENT CONCRETE DITCH PAVING	C.Y.	19
	705-01.01	GUARDRAIL AT BRIDGE ENDS	L.F.	54
	705-02.02	SINGLE GUARDRAIL (TYPE 2)	L.F.	689
	705-04.03	GUARDRAIL TERMINAL (TYPE 13)	EACH	1
(2)	705-04.07	TAN ENERGY ABSORBING TERM (NCHRP 350, TL3)	EACH	2
(6)	705-04.23	GUARDRAIL DELINEATION ENHANCEMENT (BI-DIRECTIONAL)	L.F.	1413
	705-04.50	PORTABLE BARRIER RAIL DELINEATOR	EACH	119

NOTES:

(1) SEE SUBSECTION 209.07 OF THE STANDARD SPECIFICATIONS FOR MAINTENANCE REPLACEMENT.

(2) THIS ITEM SHALL BE A PORTABLE ENERGY ABSORBING TERMINAL MEETING THE REQUIREMENTS OF NCHRP 350 FOR TEST LEVEL 3. EXAMPLES WOULD BE A QUAD-GUARD, A REACT 350, OR A TRACC. THE PAY ITEM WILL INCLUDE FURNISHING AND INSTALLING ALL COMPONENTS AS SHOWN ON THE MANUFACTURER'S DRAWING.

(3) INCLUDES 51 S.Y. FOR S.B. OFF-RAMP AND 22 S.Y. FOR N.B. OFF-RAMP REMOVAL OF EXISTING RAISED CONCRETE ISLANDS, 1893 S.Y. FOR FULL DEPTH REPAIR INCLUDING 4" TREATED PERMEABLE BASE LAYER FOR N.B. OFF-RAMP AND 12 S.Y. FOR REMOVAL OF EXISTING SIDE WALK AT S.W. CORNER OF LIPSCOMB DR. AND CONCORD ROAD . THE COST OF SAWING CONCRETE PAVMENT INCLUDED.

(4) TO BE USED FOR REMOVAL OF CURB AND GUTTER. INCLUDES 80 L.F. FOR S.B. OFF-RAMP, 72 L.F. FOR LIPSCOMB DR. AT S.W. CORNER OF LIPSCOMB DR. AND CONCORD ROAD AND 31 L.F. FOR LIPSCOMB DR. AT S.E. CORNER OF LIPSCOMB DR. AND CONCORD ROAD.

(5) TO BE USED FOR LATERAL UNDERDRAIN BACKFILL

(6) TO BE USED FOR S.B. AND N.B. OFF-RAMPS. SEE SHEETS 10 AND 10B FOR LOCATIONS. INCLUDES 1000 L.F. (RED/WHITE) AND 413 L.F. (RED/YELLOW). CONTRACTOR SHALL REFER TO QPL 1 - TRAFFIC CONTROL MATERIALS, SECTION G, GUARDRAIL BEAM DELINEATION ENHANCEMENT FOR APPROVED PRODUCT LISTING. MATERIAL SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS. QUANTITY SHOWN REPRESENTS GROSS LENGTH OF RAIL TO BE DELINEATED. PAYMENT SHALL BE MADE FROM THE BEGINNING OF THE DELINEATION CONTINUOUSLY TO THE END OF THE DELINEATION AT EACH LOCATION. ANY NECESSARY RAIL PREPARATION PRIOR TO INSTALLATION OF DELINEATION MATERIAL SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 705-04.23.

(7) TO BE USED FOR INLET CULVERT PROTECTION. INCLUDES 4.6 TON FOR 18" CROSS DRAIN UNDER N.B. OFF-RAMP AND 12.4 TON FOR 30" CROSS DRAIN UNDER S.B. OFF-RAMP.

(8) INCLUDED 43.0 C.Y. FOR SIX TEMPORARY CONSTRUCTION EXITS.

(9) TO BE USED FOR CONSTRUCTION OF PROPOSED SPECIAL DITCH AT RT. SIDE OF N.B. OFF-RAMP.

(10) INCLUDES 653 TON FOR I-65: S.B. OFF-RAMP(LT), 680 TON FOR I-65: S.B. OFF-RAMP(RT), 784 TON FOR I-65: N.B. OFF-RAMP, 792 TON I-65: N.B. OFF-RAMP DECLERATION LANE and 353 TON FOR I-65: N.B. OFF-RAMP TEMP. DETOUR

(31) SEE SHEETS 12 AND 12A FOR REATINING WALL CONCEPTUAL DRAWING, DETAILS AND NOTES.

(32) TO BE USED FOR I-65: N.B. OFF-RAMP DECLERATION LANE FROM STA. 502+50.00 TO STA. 506+50.00 SEE SHEET 4A FOR LOCATION.

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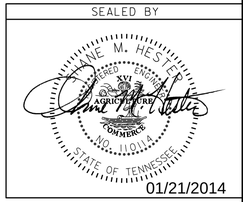

01/21/2014

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY QUANTITIES AND FOOTNOTES

21-JAN-2014 10:25
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