TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	STP-SIP-109(30)	2A
CONST.	2014	PHSIP/STP-SIP-NH-109(30)	2

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
	105-01	CONSTRUCTION STAKES, LINES AND GRADES	LS	1
	202-03	REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.	S.Y.	71
	202-08.15	REMOVAL OF CURB AND GUTTER (TYPE 6-30)	L.F.	160
(13)	203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	14
	204-08	FOUNDATION FILL MATERIAL	C.Y.	3
(15)	209-05	SEDIMENT REMOVAL	C.Y.	85
(1)(5)(6)	209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	144
(6)	209-09.01	SANDBAGS	BAG	100
(5)	209-09.04	SEDIMENT FILTER BAG(15' X 10')	EACH	2
(2)	209-20.03	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	S.Y.	59
(5)	209-40.33	CATCH BASIN PROTECTION (TYPE D)	EACH	1
(3)(4)(6)	209-65.04	TEMPORARY IN STREAM DIVERSION	L.F.	50
(7)	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	100
	303-01.01	GRANULAR BACKFILL (ROADWAY)	TON	13
(2)	303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	10
(11)	307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	TON	17
	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	1
(11)	411-01.10	ACS MIX(PG64-22) GRADING D	TON	10
	411-02.10	ACS MIX(PG70-22) GRADING D	TON	18
	415-01.01	COLD PLANING BITUMINOUS PAVEMENT	TON	14
(6)	607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	L.F.	5
	611-09.01	ADJUSTMENT OF EXISTING CATCHBASIN	EACH	1
	701-01.02	CONCRETE SIDEWALK (6 ")	S.F.	360
	701-02	CONCRETE DRIVEWAY	S.F.	360
	702-03	CONCRETE COMBINED CURB & GUTTER	C.Y.	11
	705-08.51	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3	EACH	2
(13)	709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	100
(14)	709-05.08	MACHINED RIP-RAP (CLASS B)	TON	82
	712-01	TRAFFIC CONTROL	LS	1
	712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	160
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	17
	712-04.50	PORTABLE BARRIER RAIL DELINEATOR	EACH	8
	712-05.01	WARNING LIGHTS (TYPE A)	EACH	12
	712-05.03	WARNING LIGHTS (TYPE C)	EACH	6
(6)	712-06	SIGNS (CONSTRUCTION)	S.F.	208
	712-06.01	VERTICAL PANELS	S.F.	5
	712-07.02	TEMPORARY BARRICADES (TYPE II)	L.F.	10
	712-08.03	ARROW BOARD (TYPE C)	EACH	1
(18)	713-15.41	SIGN REMOVAL (R9-11L-MOD, R9-11R-MOD, R9-9L AND R9-9R)	LS	1
(18)(19)	713-16.21	SIGNS (OM3-L AND OM3-R OBJECT MARKERS)	EACH	2
	716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	L.M.	0.06
	716-12.01	ENHANCED FLATLINE THERMO PVMT MRKNG (4IN LINE)	L.M.	0.06
	717-01	MOBILIZATION	LS	1
(2)(12)	740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	199
(3)(5)	740-11.01	TEMPORARY SEDIMENT TUBE 8IN (DESCRIPTION)	L.F.	50
(6)	801-01	SEEDING (WITH MULCH)	UNIT	1
(6)	801-01.07	TEMPORARY SEEDING (WITH MULCH)	UNIT	1
(6)	801-03	WATER (SEEDING & SODDING)	M.G.	1
(6)	803-01	SODDING (NEW SOD)	S.Y.	1000

ESTIMATED BRIDGE QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
(10)(17)	604-02.01	CLASS A CONCRETE (BOX BRIDGES)	C.Y.	17
(8)(9)(10)(17)	604-02.02	STEEL BAR REINFORCEMENT (BOX BRIDGES)	LB.	3133
(16)	620-05	CONCRETE PARAPET WITH STRUCTURAL TUBING	L.F.	25

FOOTNOTES

(1) INCLUDES 94 L.F. FOR SEDIMENT FILTER BAGS.

(2) FOR SEDIMENT FILTER BAGS.

(3) TO BE USED AS DIRECTED BY THE ENGINEER.

(4) OPTIONAL EXCAVATION, GEOTEXTILE AND RIP RAP SHALL BE INCLUDED IN THE COST OF THIS ITEM.

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

(6) QUANTITIES MAY BE INCREASED OR DECREASED AS DIRECTED BY THE PROJECT ENGINEER.

(7) INCLUDES 3.25 C.Y. FOR WING WALLS, AND 33 TONS FOR BUSINESS ENTRANCES.

(8) INCLUDES 365 LB. FOR WING WALLS.

(9) ANY REBAR COUPLINGS NEEDED WILL BE INCLUDED IN THE COST OF ITEM 604-02.02 STEEL BAR REINFORCEMENT (BOX BRIDGES) PER LB.

(10) CULVERT EXCAVATION FOR CONCRETE BOX OR SLAB TYPE CULVERT OR BRIDGES WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COST WILL BE INCLUDED IN THE COST OF OTHER ITEMS.

(11) TO BE USED FOR BUSINESS ENTRANCES.

(12) INCLUDES 172 S.Y. FOR TEMPORARY CONSTRUCTION EXITS.

(13) TO BE USED FOR TEMPORARY CONSTRUCTION EXITS.

(14) TO BE USED AT WINGWALLS.

(15) NO ROCK PAD OR HAUL ROAD REQUIRED.

(16) COST TO REMOVE EXISTING PARAPET TO BE INCLUDED IN THIS ITEM. (SEE STD. DWG. STD-11-1.)

(17) COST OF CONNECTING TO EXISTING TO BE INCLUDED IN THESE ITEMS. SEE STANDARD DRAWING STD-17-26 FOR DETAILS.

(18) SEE SHEET 2D FOR DETAILS.

(19) SEE SHEET 4B FOR DETAILS.

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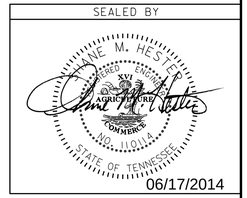

06/17/2014

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY AND BRIDGE QUANTITIES

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