TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2013	30952-3514-04	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
1.)	202-01	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	1
2.), 3.), 5.), 6.)	203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	4385
4.)	203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	TON	8997
2.)	203-03	BORROW EXCAVATION (UNCLASSIFIED)	C.Y.	1932
2.)	203-04	PLACING AND SPREADING TOPSOIL	C.Y.	772
	203-06	WATER	M.G.	27
5.), 6.)	209-02.03	8" TEMPORARY SLOPE DRAIN	L.F.	156
	209-05	SEDIMENT REMOVAL	C.Y.	72
5.), 6.)	209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	1649
5.), 6.)	209-08.07	ROCK CHECK DAM PER	EACH	5
5.), 6.)	209-08.08	ENHANCED ROCK CHECK DAM	EACH	1
5.), 6.)	209-40.30	CATCH BASIN PROTECTION (TYPE A)	EACH	2
7.)	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	2565
5.), 6.)	303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	25
	307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	TON	338
	307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	TON	222
	402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	3
	402-02	AGGREGATE FOR COVER MATERIAL (PC)	TON	12
	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	1
	411-01.10	ACS MIX(PG64-22) GRADING D	TON	144
	607-06.30	30" PIPE CULVERT	L.F.	45
	611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	C.Y.	2
	611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	LB.	174
	611-42.02	CATCH BASINS, TYPE 42, > 4' - 8' DEPTH	EACH	1
5.), 6.), 8.)	621-03.02	18" TEMPORARY DRAINAGE PIPE	L.F.	80
	705-01.01	GUARDRAIL AT BRIDGE ENDS	L.F.	54
	705-02.02	SINGLE GUARDRAIL (TYPE 2)	L.F.	1324
	705-04.04	GUARDRAIL TERMINAL (TYPE 21)	EACH	2
9.)	705-08.51	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3	EACH	2
	706-01	GUARDRAIL REMOVED	L.F.	1450
6.), 8.)	709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	100
6.), 10.)	709-05.06	MACHINED RIP-RAP (CLASS A-1)	TON	264
	709-05.09	MACHINED RIP-RAP (CLASS C)	TON	135
	712-01	TRAFFIC CONTROL	LS	1
	712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	941
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	14
	712-04.50	PORTABLE BARRIER RAIL DELINEATOR	EACH	47
	712-05.03	WARNING LIGHTS (TYPE C)	EACH	11
	712-06	SIGNS (CONSTRUCTION)	S.F.	239
11.)	712-09.01	REMOVABLE PAVEMENT MARKING LINE	L.F.	4800
	712-09.04	REMOVABLE PAVEMENT MARKING (STOP LINE)	L.F.	24
12.)	716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	L.M.	1
13.)	716-05.02	PAINTED PAVEMENT MARKING (8" BARRIER LINE)	L.F.	750
	717-01	MOBILIZATION	LS	1
	730-40	TEMPORARY TRAFFIC SIGNAL SYSTEM	EACH	1
5.), 6.), 14.)	740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	617
4.)	740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	S.Y.	4636
5.), 6.)	740-11.03	TEMPORARY SEDIMENT TUBE 18IN (DESCRIPTION)	L.F.	4336
15.)	801-02.01	CROWN VETCH MIXTURE (WITHOUT MULCH)	UNIT	56
	801-01.07	TEMPORARY SEEDING (WITH MULCH)	UNIT	42
16.)	801-03	WATER (SEEDING & SODDING)	M.G.	10
5.), 6.)	805-12.02	EROSION CONTROL BLANKET (TYPE II)	S.Y.	4628

1.) SEE SHEET 2G.
2.) REFER TO GRADING SECTION UNDER SPECIAL NOTES ON SHEET 2F.
3.) 4234 C.Y. TO BE USED FOR COMMON EXCAVATION, 135 C.Y. TO BE USED FOR TEMPORARY BERM, AND 16 C.Y. TO BE USED FOR TEMPORARY CONSTRUCTION EXITS.
4.) TO BE USED FOR THE GRADED SOLID ROCK BUTTRESS.
5.) SEE SUBSECTION 209.07 OF THE STANDARD SPECIFICATIONS FOR MAINTENANCE REPLACEMENT.
6.) QUANTITIES TO BE USED AS DIRECTED BY THE T.D.O.T. CONSTRUCTION ENGINEER.
7.) 500 TON TO BE USED FOR MAINTENANCE PURPOSES.
8.) TO BE USED FOR THE TEMPORARY CONSTRUCTION EXITS.
9.) 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 SHOWN ON THE MANUFACTURER'S DRAWING.
10.) 247 TON TO BE USED FOR CULVERT PROTECTION (TYPE 1) AND 17 TON TO BE USED FOR TEMPORARY SLOPE DRAINS.
11.) TO BE USED FOR TEMPORARY PAVEMENT MARKING ON ROADWAY SURFACES THAT ARE TO REMAIN IN PLACE AND UNDISTURBED.
12.) TO BE USED FOR PERMANENT PAVEMENT MARKINGS.
13.) TO BE USED FOR TEMPORARY PAVEMENT MARKINGS IN FRONT OF PORTABLE BARRIER RAIL.
14.) 445 S.Y. TO BE USED FOR CULVERT PROTECTION (TYPE 1) AND 172 S.Y. TO BE USED FOR TEMPORARY CONSTRUCTION EXITS.
15.) TO BE USED AS FINAL STABILIZATION METHOD ON ALL SLOPES.
16.) 4.2 M.G. TO BE USED FOR EROSION PREVENTION AND SEDIMENT CONTROL.

SEALED BY

08/05/2013

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY QUANTITIES

05-AUG-2013 10:46
c:\projects\GREENE_CO_SIA\002.SHT