

ESTIMATED ROADWAY QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY 25005-1227-94
(1)	105-01 CONSTRUCTION STAKES, LINES AND GRADES	LS	1
	201-01 CLEARING AND GRUBBING	LS	1
	202-01 REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	1
	202-03.01 REMOVAL OF ASPHALT PAVEMENT	S.Y.	192
	203-01 ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	14340
	203-02.01 BORROW EXCAVATION (GRADED SOLID ROCK)	TON	24832
(2)	203-04 PLACING AND SPREADING TOPSOIL	C.Y.	982
	203-06 WATER	M.G.	53
(3)(4)	203-50 CONSTRUCTION OF HAUL ROAD	LS	1
(3)(4)	209-05 SEDIMENT REMOVAL	C.Y.	600
(3)(4)	209-08.02 TEMPORARY SILT FENCE (WITH BACKING)	L.F.	7300
(3)(4)	209-08.07 ROCK CHECK DAM	EACH	16
(3)(4)	209-08.08 ENHANCED ROCK CHECK DAM	EACH	16
(3)(4)	209-08.09 FILTER SOCK CHECK DAM	EACH	19
(3)(4)	209-09.03 SEDIMENT FILTER BAG (15' X 15')	EACH	2
(3)(4)	303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	1918
	303-10.01 MINERAL AGGREGATE (SIZE 57)	TON	61
	307-01.01 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	TON	222
	307-01.08 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	TON	349
	402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	5
	402-02 AGGREGATE FOR COVER MATERIAL (PC)	TON	16
	403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	2
	411-01.10 ACS MIX(PG64-22) GRADING D	TON	290
	411-12.03 SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (8IN WIDTH)	L.M.	0.15
	607-05.30 24" PIPE CULVERT	L.F.	29
	607-39.02 18" PIPE CULVERT (SIDE DRAIN)	L.F.	39
	611-07.01 CLASS A CONCRETE (PIPE ENDWALLS)	C.Y.	3
	611-07.02 STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	LB.	85
	611-07.31 18IN ENDWALL (SIDE DRAIN)	EACH	4
(3)(4)	621-03.05 36" TEMPORARY DRAINAGE PIPE	L.F.	86
(5)	621-03.11 72" TEMPORARY DRAINAGE PIPE	L.F.	1485
	705-06.01 W BEAM GR (TYPE 2) MASH TL-3	L.F.	10
	705-06.11 GR TERMINAL (IN-INLINE) MASH TL-3	EACH	3
	705-06.25 THRIE BEAM BRIDGE TRANSITION MASH TL-3	EACH	4
	705-06.20 TANGENT ENERGY ABSORBING TERM MASH TL-3	EACH	3
	705-06.30 GR TERMINAL (ENERGY ABSORBING) MASH TL-2	EACH	2
	706-01 GUARDRAIL REMOVED	L.F.	315
(3)(4)	706-06.03 RADIUS RAIL	L.F.	285
	707-08.11 HIGH-VISIBILITY CONSTRUCTION FENCE	L.F.	585
(3)(4)(6)	708-02.01 MARKERS (CONCRETE R.O.W. POSTS)	EACH	25
	709-05.06 MACHINED RIP-RAP (CLASS A-1)	TON	91
	712-01 TRAFFIC CONTROL	LS	1
	712-04.01 FLEXIBLE DRUMS (CHANNELIZING)	EACH	65
	712-05.01 WARNING LIGHTS (TYPE A)	EACH	4
	712-06 SIGNS (CONSTRUCTION)	S.F.	192
	712-07.03 TEMPORARY BARRICADES (TYPE III)	L.F.	40
	713-15 REMOVAL OF SIGNS, POSTS AND FOOTINGS	LS	1
	713-16.20 SIGNS (STOP, 30"x30", R1-1)	EACH	2
	716-01.21 SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	EACH	30
	716-02.05 PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	35
	716-05.01 PAINTED PAVEMENT MARKING (4" LINE)	L.M.	0.91
	716-12.01 ENHANCED FLATLINE THERMO PVMT MRKNG (4IN LINE)	L.M.	1.32
	717-01 MOBILIZATION	LS	1
(3)(4)	740-10.03 GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	437
(3)(4)	740-11.05 TEMPORARY SEDIMENT TUBE 24IN	L.F.	400
	801-01 SEEDING (WITH MULCH)	UNIT	15
	801-01.07 TEMPORARY SEEDING (WITH MULCH)	UNIT	280
	801-02 SEEDING (WITHOUT MULCH)	UNIT	38
	801-03 WATER (SEEDING & SODDING)	M.G.	34
(3)(4)	805-12.03 EROSION CONTROL BLANKET (TYPE III)	S.Y.	4182

FOOT NOTES	
(1)	280 CY FOR TEMPORARY BERM
(2)	ITEM NUMBER 203-50 SHALL INCLUDE GEOTEXTILE (TYPE IV), BORROW EXCAVATION (GRADED SOLID ROCK) OR MACHINED RIP-RAP (CLASS A-1, CLASS B, OR CLASS C), MINERAL AGGREGATE (SIZE 57 OR TYPE A BASE, GRADING D), TEMPORARY DRAINAGE PIPE (IF APPLICABLE) AND EXCVATION (ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED). THE MINERAL AGGREGATE INCLUDES AN ADDITIONAL TEN (10) PERCENT FOR MAINTENANCE. ANY REMOVAL OR PARTIAL REMOVAL OF HAUL ROADS SHOULD ALSO BE INCLUDED IN ITEM NUMBER 203-50.
(3)	SEE SUBSECTION 209-07 OF THE STANDARD SPECIFICATION FOR MAINTENANCE REPLACEMENT
(4)	ALL EROSION PREVENTION AND SEDIMENT CONTROL QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER.
(5)	TO BE USED FOR HAUL ROAD CONSTRUCTION AT TEMPORARY STREAM CROSSING.
(6)	TO BE USED FOR CULVERT PROTECTION TYPE 1.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2023	BR-STP-85(33)	2

INFO
ONLY

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STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION
ESTIMATED ROADWAY QUANTITIES