

QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES										TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES			
								ROADWAY	EROSION CONTROL	FULL C.E. ITEMS	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
								1			1		LS	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS	201.10	--			EARTHWORKS SUMMARY
								8000			8000		CY	COMMON EXCAVATION	203.15	9			FILL REQUIRED
								50			50		CY	SOLID ROCK EXCAVATION	203.16	--	167	CY	EARTHWORKS (145 CY * 1.15)
								10100			10100		CY	UNCLASSIFIED CHANNEL EXCAVATION	203.27	118	3795	CY	OVER EXCAVATION (3300 CY * 1.15)
								780			780		CY	TRENCH EXCAVATION OF EARTH	204.20	5	3962	CY	SUBTOTAL
								32			32		CY	TRENCH EXCAVATION OF ROCK	204.21	2			FILL AVAILABLE
								1			1		CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	--	8000	CY	COMMON EXCAVATION (8000 CY * 1.00)
								760			760		CY	GRANULAR BACKFILL FOR STRUCTURES	204.30	7	25	CY	SOLID ROCK EXCAVATION (50 CY * 0.495)
								21400			21400		SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	244	2525	CY	UNCLASSIFIED CHANNEL EXCAVATION (10100 CY * 0.25)
								510			510		CY	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.26	6	10550	CY	SUBTOTAL
								3230			3230		CY	SUBBASE OF DENSE GRADED CRUSHED STONE	301.35	9			FILL AVAILABLE
								300			300		CY	AGGREGATE SHOULDERS, IN PLACE	402.10	1	3962	CY	FILL REQUIRED
								1			1		LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	--	6588	CY	WASTE
								3910			3910		TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT	490.30	6.9			COMMON EXCAVATION
								1			1		LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	--	2692	CY	EARTHWORKS
								1			1		LU	MAT DENSITY PAY ADJUSTMENT (N.A.B.I.)	490.32	--	1999	CY	UNSUITABLE SUBBASE MATERIAL (EST.)
								1			1		LU	SURFACE TOLERANCE PAY ADJUSTMENT (N.A.B.I.)	490.33	--	3300	CY	OVER EXCAVATION (EST.)
								7100			7100		LB	REINFORCING STEEL, LEVEL I	507.11	26	9	CY	ROUNDING
								830			830		LF	DRILLING AND GROUTING DOWELS	507.16	-	8000	CY	TOTAL
								310			310		LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10	6			SUBBASE OF DENSE GRADED CRUSHED STONE
								30			30		CY	CONCRETE, CLASS B	541.25	5.5	1313	CY	EARTHWORKS
								40			40		CF	RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE	580.20	--	1500	CY	UNSUITABLE SUBBASE MATERIAL (EST.)
								510			510		LF	24" CPEP(SL)	601.2620	2	408	CY	OVER EXCAVATION (EST.)
								60			60		LF	30" CPEP(SL)	601.2625	4	9	CY	ROUNDING
								330			330		LF	CLEANING CULV. PIPE, IN-PLACE [0 TO 24 IN., INCL.]	601.995	3	3230	CY	TOTAL
								7			7		EACH	PRECAST REINFORCED CONCRETE DROP INLET WITH CAST IRON GRATE	604.18	--			SUPERPAVE BITUMINOUS CONCRETE PAVEMENT
								70			70		HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	--	1841.1	TON	WEARING COURSE TYPE IVS
								10			10		HR	POWER BROOM RENTAL, TYPE I	608.30	--	584.5	TON	LEVELING COURSE TYPE IVS
								140			140		HR	TRUCK RENTAL	608.37	--	107.1	TON	INTERMEDIATE COURSE TYPE IVS
								10			10		HR	LOADER RENTAL, TYPE I	608.40	--	354.4	TON	BASE COURSE TYPE IIS
								10			10		MGAL	DUST CONTROL WITH WATER	609.10	--	708	TON	UNSUITABLE SUBBASE MATERIAL REPLACEMENT (EST.)
								50			50		CY	STONE FILL, TYPE I	613.10	3	237	TON	OVER EXCAVATION TYPE IVS (EST.)
								1700			1700		CY	STONE FILL, TYPE II	613.11	54	71	TON	OVER EXCAVATION TYPE IIS (EST.)
								630			630		CY	STONE FILL, TYPE IV	613.13	7	6.9	TON	ROUNDING
								4050			4050		CY	RIPRAP, HEAVY TYPE	613.15	53	3910	TON	TOTAL
								38			38		EACH	YIELDING MARKER POSTS	619.17	--			REINFORCING STEEL, LEVEL I
								4950			4950		LF	STEEL BEAM GUARDRAIL, GALVANIZED	621.20	43.75	4274	LB	DRAINAGE DETAIL SHEET
								875			875		LF	STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS	621.205	25	2800	LB	STONE TOE WALL (EST.)
								425			425		LF	HD STEEL BEAM GUARDRAIL, GALVANIZED	621.21	25	26	LB	ROUNDING
								13			13		EACH	MANUFACTURED TERMINAL SECTION, FLARED	621.50	--	7100	LB	TOTAL

PROJECT NAME: GRANVILLE
 PROJECT NUMBER: ER STP 013-4 (40)
 FILE NAME: z12b520.dgn PLOT DATE: 7/8/2015
 PROJECT LEADER: J. TUCKER DRAWN BY: B. BRESLEND
 DESIGNED BY: B. BRESLEND CHECKED BY: B. MARTIN
 QUANTITY SHEET 1 SHEET 14 OF 141