STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET

SUMMARY OF ESTIMATED QUANTITIES

UTILITY (ADELPHIA)	UTILITY (BED)	UTILITY (VERIZON)	LANDSCAPING	LIGHTING	FULL E&C ITEMS	NON-GOV PARTICIP (ROADWAY)	TRAINING	EROSION CONTROL	TOTALS ROADWAY	TOTALS GRAND TOTAL	UNIT	ITEMS	ITEM NUMBER	RND
									1	1	LS	CLEARING AND GRUBBING (INCLUDING INDIVIDUAL TREES AND STUMPS)	201.10	
									1	1	EACH	DEMOLITION AND DISPOSAL OF BUILDING (MOD-RELOCATE BUS SHELTER, REV 39+50 RT)	202.10	
									1	1	EACH	DEMOLITION AND DISPOSAL OF BUILDING (MOD-RELOCATE BUSINESS SIGN, REV 41+35 LT)	202.10	
									5800	5800	CY	COMMON EXCAVATION	203.15	82
									975	975	CY	SOLID ROCK EXCAVATION	203.16	4
									1100	1100	CY	UNCLASSIFIED EXCAVATION	203.17	68
									1140	1140	CY	GRANULAR BORROW	203.32	10
								120	430	550	CY	TRENCH EXCAVATION OF EARTH	204.20	14
									90	90	CY	TRENCH EXCAVATION OF ROCK	204.21	7
									330	330	CY	STRUCTURE EXCAVATION	204.25	4
									100	100	CY	GRANULAR BACKFILL FOR STRUCTURES	204.30	2
									70	70	CY	GRANULAR BACKFILL FOR STRUCTURES (MOD - 3/4" STONE)	204.30	3
									30000	30000	SY	COLD PLANING-BIT.PAVEMENT	210.10	EST
								600	6000	6600	CY	SUBBASE OF CRUSHED GRAVEL (FINE GRADED)	301.26	58
									20	20	CY	AGGREGATE SURFACE COURSE	401.10	2
									100	100	CWT	EMULSIFIED ASPHALT	404.65	8
									3310	3310	TON	MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT (PG 64-28)	406.27	42
									990	990	TON	MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT (PG 64-28)(MOD)	406.27	2
									1	1	LU	PRICE ADJUSTMENT ASPHALT CEMENT (NOT A BID ITEM)	406.50	
									3500	3500	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 64-28)	490.30	62
									100	100	CY	CONCRETE, CLASS B	501.25	2
									6000	6000	LB	REINFORCING STEEL	507.15	17
									370	370	LF	METAL HAND RAILING	525.15	6
									181	181	LF	RETAINING WALL (MOD - "REDI-ROCK")	526.50	
									3	3	EACH	REMOVAL OF STRUCTURE	529.15	
4		6								10	EACH	CONCRETE VAULT (MOD-SMALL UTLITY HOLES)	540.24	
	4									4	EACH	CONCRETE VAULT (MOD-LARGE UTILITY HOLES)	540.24	
	2									2	EACH	CONCRETE VAULT (MOD-PAD VAULT)	540.24	
									77	77	LF	12" CSP .064 (2-2/3 X 1/2)	601.0005	
									84	84	LF	15" CSP .064 (2-2/3 X 1/2)	601.0010	
									4	4	LF	18" CSP .064 (2-2/3 X 1/2)	601.0015	
									8	8	LF	24" CSP .064 (2-2/3 X 1/2)	601.0025	
									12	12	LF	12" RCP CLASS III	601.0805	
									24	24	LF	15" RCP CLASS III	601.0810	
									4	4	LF	18" RCP CLASS III	601.0815	
									4	4	LF	24" RCP CLASS III	601.0825	
									4	4	LF	24" CPEP(SL)	601.2620	
						10				10	CY	CEMENT RUBBLE MASONRY	602.15	
									8	8	EACH	CONCRETE CATCH BASIN WITH CAST IRON GRATE	604.10	
									40	40	EACH	CHANGING ELEV. OF DROP INLETS, CATCH BASINS OR MANHOLES	604.40	EST
									8	8	EACH	REHABING DI,CB OR MH CLASS II	604.415	
									1	1	EACH	REHABING DI,CB OR MH CLASS III	604.418	
									70	70	EACH	CHANGING ELEVATION OF SEWER MANHOLE	604.42	EST

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		COMMON EXCAVATION
5212	CY	MAINLINE
431	CY	DRIVES
75	CY	STONE FILL
82	CY	ROUNDING
5800	CY	TOTAL
		GRANULAR BORROW
98	CY	RETAINING WALL
1032	CY	OVEREXCAVATION
10	CY	ROUNDING
1140	CY	TOTAL
		TRENCH EXCAVATION OF EARTH
416	CY	PROPOSED CULVERT & DROP INLET EXCAVATION
120	CY	TEMPORARY EROSION CONTROL
14	CY	ROUNDING
550	CY	TOTAL
		GRANULAR BACKFILL FOR STRUCTURES
61	CY	RETAINING WALL
37	CY	DRAINAINE STRUCTURES
2	CY	ROUNDING
100	CY	TOTAL
		SUBBASE OF CRUSHED GRAVEL (FINE GRADED)
1996	CY	SIDEWALK/CURB
3414	CY	PED/BIKEWAY
519	CY	DRIVES
13	CY	GRAVEL PATHS
600	CY	TEMPORARY EROSION CONTROL
58	CY	ROUNDING
6600	CY	TOTAL
		MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT (PG 64-28)
860	TON	PED/BIKEWAY - 3" TYPE III
2408	TON	PAVEMENT PATCHES FOR POOR PAVEMENT INTEGRITY - 6" TYPE II (2-3" LIFTS)
42	TON	ROUNDING
3310	TON	TOTAL
		MEDIUM DUTY BITUMINOUS CONC PAVEMENT (MOD)(PG 64-28)
578	TON	ROADWAY
410	TON	DRIVES
2	TON	ROUNDING
990	TON	TOTAL
		SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 64-28)
2750	TON	MAINLINE
688	TON	LEVELING
62	TON	ROUNDING
3500	TON	TOTAL
		TOPSOIL
683	CY	LAWN AREAS
1754	CY	IN TREE PLANTING PITS (TOPSOIL FOR OTHER PLANTING AREAS IS INCIDENTAL TO THE PLANT MATERIAL)
13	CY	ROUNDING
2450	CY	TOTAL

PROJECT NAME: **BURLINGTON**
PROJECT NUMBER: **MEGC 5000(15)**

FILE NAME: **engquant.xls**
PROJECT LEADER: **JAW**
DESIGNED BY: **JAW**
QUANTITY SHEET #1

PLOT DATE: **9/15/2004**
DRAWN BY: **EMW**
CHECKED BY: **JAW**
SHEET **8** OF **252**