STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES

ROADWAY	ROADWAY (NOT FED/STATE PART.)	EROSION CONTROL	UTILITIES - BID ITEMS	BRIDGE	FULL C.E. ITEMS	TOTALS GRAND TOTAL	TOTALS FINAL	UNIT	DESCRIPTIONS ITEMS	ITEM NUMBER	ROUND
1						1		LS	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS	201.10	
730						730		CY	COMMON EXCAVATION	203.15	
				418		418		CY	UNCLASSIFIED CHANNEL EXCAVATION	203.27	
			43			43		CY	SAND BORROW	203.31	
			10			10		CY	TRENCH EXCAVATION OF ROCK	204.21	
1						1		CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	
				320		320		CY	STRUCTURE EXCAVATION	204.25	
				100		100		CY	GRANULAR BACKFILL FOR STRUCTURES	204.30	
280	1210					1490		SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	
710						710		CY	SUBBASE OF DENSE GRADED CRUSHED STONE	301.35	
8	9			4		21		CWT	EMULSIFIED ASPHALT	404.65	
1						1		LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	
				1		1		LS	FURNISHING EQUIPMENT FOR DRIVING PILING	504.10	
				530		530		LF	STEEL PILING, HP 10 X 57	505.12	
				2		2		EACH	DYNAMIC PILE LOADING TEST	505.45	
				914		914		LB	REINFORCING STEEL, LEVEL II	507.12	
				104		104		LF	PRESTRESSED CONCRETE VOIDED SLABS (21" X 48") (FASCIA)	510.22	
				364		364		LF	PRESTRESSED CONCRETE VOIDED SLABS (21" X 48") (INTERIOR)	510.22	
				416		416		LF	GROUTING SHEAR KEYS	510.24	
				15		15		GAL	WATER REPELLENT, SILANE	514.10	
				68		68		LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10	
				212		212		SY	SHEET MEMBRANE WATERPROOFING, TORCH APPLIED	519.20	
				1		1		EACH	REMOVAL OF STRUCTURE (510 SF - EST)	529.15	
				36		36		EACH	BEARING DEVICE ASSEMBLY, STEEL REINFORCED ELASTOMERIC PAD	531.17	
				1		1		LS	PRECAST CONCRETE STRUCTURE (ABUTMENT #1)	540.10	
				1		1		LS	PRECAST CONCRETE STRUCTURE (ABUTMENT #2)	540.10	
				1		1		LS	PRECAST CONCRETE STRUCTURE (APPROACH SLAB #1)	540.10	
				1		1		LS	PRECAST CONCRETE STRUCTURE (APPROACH SLAB #2)	540.10	
			4			4		CY	CONTROLLED DENSITY (FLOWABLE) FILL	541.45	
			1			1		EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS III	604.418	
			1			1		EACH	CHANGING ELEVATION OF SEWER MANHOLES	604.42	
			2			2		EACH	CAST IRON COVER WITH FRAME, SEWER	604.56	
1.6						1.6		MGAL	DUST CONTROL WITH WATER	609.10	
30				270		300		CY	STONE FILL, TYPE III	613.12	
48						48		LF	CAST-IN-PLACE CONCRETE CURB, TYPE B	616.28	
238						238		LF	HD STEEL BEAM GUARDRAIL, GALVANIZED	621.21	
4						4		EACH	ANCHOR FOR STEEL BEAM RAIL	621.60	
4						4		EACH	GUARDRAIL APPROACH SECTION TO CONCRETE BRIDGE RAILING, TL-2	621.746	
106						106		LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80	
			1			1		LS	TRANSFER TO NEW SYSTEM, SANITARY SEWER	628.42	

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		EARTHWORKS SUMMARY
		FILL AVAILABLE
511	CY	COMMON EXCAVATION (0.7 x 730 CY)
125	CY	UNCLASSIFIED CHANNEL EXCAVATION (0.3 x 418 CY)
30	CY	STRUCTURE EXCAVATION (0.3 x 320)
666	**CY**	**TOTAL FILL AVAILABLE**
		FILL REQUIRED
61.41	CY	FACTORED FILL (1.15 x 53.4)
0.59	CY	ROUNDING
62	**CY**	**TOTAL FILL REQUIRED**
604	**CY**	**TOTAL WASTE**

PROJECT NAME: RUTLAND CITY
PROJECT NUMBER: BRF 3000(18)

FILE NAME: s96j244qty.dgn
PROJECT LEADER: C. CARLSON
DESIGNED BY: M. EVANS-MONGEON
QUANTITY SHEET I

PLOT DATE: 05-MAR-2014
DRAWN BY: M. LONGSTREET
CHECKED BY: M. E-M
SHEET 5 OF 44