STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES

ROADWAY	EROSION CONTROL	BRIDGE	FULL C.E. ITEMS	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND
1				1		LS	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS	201.10	-
1300				1300		CY	COMMON EXCAVATION	203.15	11.45
		780		780		CY	UNCLASSIFIED CHANNEL EXCAVATION	203.27	9.01
290				290		CY	SAND BORROW	203.31	7.31
150				150		CY	GRANULAR BORROW	203.32	9.06
1				1		CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	-
		130		130		CY	STRUCTURE EXCAVATION	204.25	5.03
		160		160		CY	GRANULAR BACKFILL FOR STRUCTURES	204.30	7.62
490				490		SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	12.96
1370	10			1380		CY	SUBBASE OF DENSE GRADED CRUSHED STONE	301.35	9.15
140				140		CY	AGGREGATE SURFACE COURSE	401.10	16.81
15				15		CWT	EMULSIFIED ASPHALT	404.65	0.81
1				1		LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	-
		52		52		CY	CONCRETE, HIGH PERFORMANCE CLASS B (FPQ)	501.34	0.15
		1		1		LS	FURNISHING EQUIPMENT FOR DRIVING PILING	504.10	-
		670		670		LF	STEEL PILING, HP 12 X 84	505.165	1
		2		2		EACH	DYNAMIC PILE LOADING TEST	505.45	-
		305200		305200		LB	STRUCTURAL STEEL, CURVED PLATE GIRDER (METALIZED) (FPQ)	506.56	80.68
		6480		6480		LB	REINFORCING STEEL, LEVEL I (EPOXY COATED)	507.11	12.9
		28310		28310		LB	REINFORCING STEEL, LEVEL III	507.13	11.82
		1		1		LS	SHEAR CONNECTORS (1356 - 7/8" X 7")	508.15	-
		446		446		SY	LONGITUDINAL DECK GROOVING	509.10	0.85
		49		49		GAL	WATER REPELLENT, SILANE	514.10	0.46
		66		66		LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10	1.23
		66		66		LF	JOINT SEALER, HOT POURED	524.11	1.27
		12		12		LF	JOINT SEALER, POLYURETHANE	524.21	0.82
		294		294		LF	BRIDGE RAILING, GALVANIZED 3 RAIL BOX BEAM	525.335	0.74
		1		1		EACH	REMOVAL OF STRUCTURE (3720 SF - EST.)	529.15	-
		12		12		EACH	BEARING DEVICE ASSEMBLY, STEEL REINFORCED ELASTOMERIC PAD	531.17	-
							BEGIN OPTION AA		
		1		1		LS	PRECAST CONCRETE STRUCTURE (ABUTMENT NO. 1)	540.10	-
		1		1		LS	SPECIAL PROVISION (CONTRACTOR-FABRICATED PRECAST CONCRETE STRUCTURE) (ABUTMENT NO. 1)	900.645	-
							END OPTION AA		
							BEGIN OPTION BB		
		1		1		LS	PRECAST CONCRETE STRUCTURE (ABUTMENT NO. 2)	540.10	-
		1		1		LS	SPECIAL PROVISION (CONTRACTOR-FABRICATED PRECAST CONCRETE STRUCTURE) (ABUTMENT NO. 2)	900.645	-
							END OPTION BB		
10				10		CY	STONE FILL, TYPE I	613.10	8.04
		690		690		CY	STONE FILL, TYPE III	613.12	4.67

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		EARTHWORKS SUMMARY
		FILL AVAILABLE
780	CY	COMMON EXCAVATION (1300 x 0.6)
234	CY	UNCLASSIFIED CHANNEL EXCAVATION (780 x 0.3)
39	CY	STRUCTURE EXCAVATION (130 x 0.3)
7	CY	ROUNDING
1060	**CY**	**TOTAL FILL AVAILABLE**
		FILL REQUIRED
380	CY	FACTORED FILL (330 x 1.15)
0	CY	ROUNDING
380	**CY**	**TOTAL FILL REQUIRED**
680	**CY**	**TOTAL WASTE**
		COMMON EXCAVATION
1270	CY	VT 25B
30	CY	TH 51
		COLD PLANING-BITUMINOUS PAVEMENT
370	SY	VT 25B
120	SY	TH 51
		SUBBASE OF DENSE GRADED CRUSHED STONE
1200	CY	VT 25B
170	CY	TH 51
		AGGREGATE SURFACE COURSE
40	CY	VT 25B
10	CY	TH 51
90	CY	DRIVES
		EMULSIFIED ASPHALT
12	CWT	VT 25B
3	CWT	TH 51
		SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY)
564	TON	VT 25B
92	TON	TH 51
14	TON	DRIVES

PROJECT NAME: BRADFORD
PROJECT NUMBER: BF 0191(29)

FILE NAME: sl3c054qs.dgn
PROJECT LEADER: C. CARLSON
DESIGNED BY: G. ROY
QUANTITY SHEET (1)

PLOT DATE: 15-SEP-2016
DRAWN BY: G. ROY
CHECKED BY: M. EVANS-MONGEON
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