STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES

ROADWAY	TRAINING	FULL C.E.	EROSION CONTROL	BRIDGE
1				
7380				
1100				
				2780
2950				
1050				
20				
1				
				330
				180
500				
4330				
30				
60				
1				
3700				210
				150
				220
				369110
				25850
				1350
				1
55				120
				94
				850
				115
				1
				1
				1
15				
168				
168				
168				

TOTALS

GRAND TOTAL	FINAL
1	
7380	
1100	
2780	
2950	
1050	
20	
1	
330	
180	
500	
4330	
30	
60	
1	
3910	
150	
220	
369110	
25850	
1350	
1	
175	
94	
850	
115	
1	
1	
12	
1	
1	
15	
168	
168	
168	

DESCRIPTIONS

UNIT	ITEMS	ITEM NUMBER	ROUND
LS	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS	201.10	
CY	COMMON EXCAVATION	203.15	
CY	SOLID ROCK EXCAVATION	203.16	
CY	UNCLASSIFIED CHANNEL EXCAVATION	203.27	
CY	SAND BORROW	203.31	
CY	TRENCH EXCAVATION OF EARTH	204.20	
CY	TRENCH EXCAVATION OF ROCK	204.21	
CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	
CY	STRUCTURE EXCAVATION	204.25	
CY	GRANULAR BACKFILL FOR STRUCTURES	204.30	
SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	
CY	SUBBASE OF DENSE GRADED CRUSHED STONE	301.35	
CY	AGGREGATE SURFACE COURSE	401.10	
TON	AGGREGATE SHOULDERS	402.12	
LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	
TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT	490.30	
CY	CONCRETE, HIGH PERFORMANCE CLASS A (FPQ)	501.33	
CY	CONCRETE, HIGH PERFORMANCE CLASS B	501.34	
LB	STRUCTURAL STEEL, PLATE GIRDER (FPQ)	506.55	
LB	REINFORCING STEEL, LEVEL I (FPQ)	507.11	
LB	REINFORCING STEEL, LEVEL III (FPQ)	507.13	
LS	SHEAR CONNECTORS (1678 OF STUDS - 7/8" x 8")	508.15	
GAL	WATER REPELLENT, SILANE	514.10	
LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10	
SY	MEMBRANE WATERPROOFING, SPRAY APPLIED	520.10	
LF	JOINT SEALER, HOT POURED	524.11	
LS	TWO-WAY TEMPORARY BRIDGE (3220 SF - EST.)	528.11	
EACH	REMOVAL OF STRUCTURE (3400 SF - EST.)	529.15	
EACH	BEARING DEVICE ASSEMBLY, ELASTOMERIC PAD W/ EXT. LOAD PLATES	531.18	
LS	PRECAST CONCRETE STRUCTURE (PIER CAP #1)	540.10	
LS	PRECAST CONCRETE STRUCTURE (PIER CAP #2)	540.10	
CY	CONTROLLED DENSITY (FLOWABLE) FILL	541.45	
	BEGIN OPTION AA		
LF	18" CAAP .060 (2-2/3 X 1/2)	601.0215	
LF	18" PCCSP .064 (2-2/3 X 1/2)	601.0415	
LF	18" CPEP	601.0915	
	END OPTION AA		

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT
600	TON	TYPE IVS
870	TON	TYPE IIIS
1898	TON	TYPE IIS
64	TON	DRIVEWAYS
229	TON	TEMPORARY *
210	TON	BRDIGE
3871	TON	SUBTOTAL
39	TON	ROUNDING
3910	TON	TOTAL

* This quantity of temporary pavement was estimated to be used at the discretion of the engineer, and will be paid as Item 490.30 only if directed by the Engineer in writing. Temporary pavement used by the Contractor to meet the Contract requirements for unpaved surfaces (maximum duration 14 calendar days) shall be considered incidental to Special Provision (Traffic Control, All Inclusive).

Stantec

PROJECT NAME: EAST MONTPELIER
PROJECT NUMBER: BRF 037-1(7)

FILE NAME: 06_Quantities.dgn
PROJECT LEADER: T. KNIGHT
DESIGNED BY: K. RICHARDSON
QUANTITY SHEET OS 1

PLOT DATE: 2/17/2017
DRAWN BY: C. GENDRON
CHECKED BY: D. YOULEN
SHEET 6 OF 158