QUANTITY SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

SOUTHBOUND

FULL E&C	TRAINING	EROSION CONTROL	BR 86-5 OUTLET 100 SERIES	BR 87S 200 SERIES	BR 87-3S 300 SERIES	BR 88S 400 SERIES		BR 88-3 OUTLET 500 SERIES	ROADWAY
									0.5
									3
									76150
									100
									150
			75		1525				
									100
				3355					1350
									117000
		310							8175
									50
			20	285	610	98		270	
			10	250	320	98		80	
									10500
									30200
					70				3450
									57700
									2200
					60				
									31
									268
									1290
									0.5
									36100
				116		213			
			10	186		153		46	13
			1						
				16		31			
				86580					
						23800			
						0.5			
									1100
			32			280			
			580	51185		82240		6060	
				1					
						1			
						0.5			
						0.5			
						0.5			
						0.5			
			1	35	15	37		2.5	
				38		42			
				510	205	942		120	

NORTHBOUND

FULL E&C	TRAINING	EROSION CONTROL	BR 86-5 INLET 100 SERIES	BR 87N 200 SERIES	BR 87-3N 300 SERIES	BR 88N 400 SERIES		BR 88-3 INLET 500 SERIES	ROADWAY
									0.5
									3
									70400
									100
									150
			75		1525				
									25
									100
				3355					75
									107700
		310							9770
									71
				285	570	184		260	
				260	190	184		70	20
									12400
									26200
									1840
									55550
									2212
									60
									25
									263
									650
									0.5
									35720
				116		221			
				213		210		39	13
				16		30			
				86580					
						26640			
						0.5			
									1200
						460			
				51425		92510		5170	
				1					
						0.5			
						0.5			
						0.5			
						0.5			
			1	21	10	37		2.5	
				38		48			
				510	135	1005		120	

SUMMARY OF ESTIMATED QUANTITIES

QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
1	LS	CLEARING AND GRUBBING (PLUS INDIVIDUAL TREES AND STUMPS)	201.10	EST.
6	ACRE	CLEARING AND GRUBBING (MODIFIED)	201.11	EST.
146550	CY	COMMON EXCAVATION	203.15	
200	CY	SOLID ROCK EXCAVATION	203.16	EST.
300	LF	UNCLASSIFIED DITCHING	203.18	20
3200	CY	UNCLASSIFIED CHANNEL EXCAVATION	203.27	
25	CY	EXCAVATION OF SURFACES AND PAVEMENTS	203.28	
200	CY	EARTH BORROW	203.30	EST.
1500	CY	SAND BORROW	203.31	63
6785	CY	GRANULAR BORROW	203.32	
224700	SY	FINE GRADING - SUBGRADE	203.40	
18565	CY	TRENCH EXCAVATION OF EARTH	204.20	
121	CY	TRENCH EXCAVATION OF ROCK	204.21	
2582	CY	STRUCTURE EXCAVATION	204.25	
1482	CY	GRANULAR BACKFILL FOR STRUCTURES (EST.)	204.30	
22900	SY	COLD PLANING - BITUMINOUS PAVEMENT	210.10	
56400	LF	MILLED RUMBLE STRIPS	213.10	168
5360	CY	SUBBASE OF GRAVEL	301.15	
113250	CY	SUBBASE OF DENSE GRADED CRUSHED STONE	301.35	
4412	TON	PLANT MIXED BASE COURSE (MODIFIED)	303.25	4
60	CY	AGGREGATE SURFACE COURSE	401.10	
56	TON	AGGREGATE SHOULDERS	402.12	EST.
531	CWT	EMULSIFIED ASPHALT	404.65	4.5
1940	TON	BITUMINOUS CONCRETE PAVEMENT (PG 64-34)	406.25	
1	LU	PRICE ADJUSTMENT ASPHALT CEMENT (NOT A BID ITEM)	406.50	
71820	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 64-34)	490.30	
666	CY	CONCRETE, CLASS A	501.22	
883	CY	CONCRETE, CLASS B	501.25	0.6
1	CY	MORTAR, TYPE IV (MOD.)	501.58	
93	CY	SILICA-FUME CONCRETE	501.60	
173160	LB	STRUCTURAL STEEL (PLATE GIRDER)	506.55	
50440	LB	STRUCTURAL STEEL	506.60	
1	LS	STRUCTURAL STEEL (MODIFIED)	506.75	
2300	LB	REINFORCING STEEL	507.15	87
772	LF	DRILLING AND GROUTING DOWELS	507.16	
289170	LB	EPOXY COATED REINFORCING STEEL	507.17	
1	LS	SHEAR CONNECTORS(1210---7/8'' DIA. X 7'' STUDS)	508.15	
1	LS	SHEAR CONNECTORS(1210---7/8'' DIA. X 7'' STUDS)	508.15	
1	LS	SHEAR CONNECTORS(2436---7/8'' DIA. X 7'' STUDS)	508.15	
1	LS	SHEAR CONNECTORS(2478---7/8'' DIA. X 7'' STUDS)	508.15	
1	LS	STRUCTURAL PAINTING, SHOP APPLIED	513.25	
1	LS	STRUCTURAL PAINTING, FIELD APPLIED	513.30	
1	LS	CONTAINMENT & ENVIRONMENTAL PROTECTION, FIELD	513.36	
1	LS	SURFACE PREPARATION, SHOP	513.40	
1	LS	SURFACE PREPARATION, FIELD	513.41	
162	GAL	WATER REPELLENT	514.10	
166	LF	BRIDGE EXPANSION JOINT	516.10	
3547	SY	SHEET MEMBRANE WATERPROOFING	519.20	

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SOUTHBOUND (PG 64-34)
13313	TON	MAINLINE, TYPE IIIS
9510	TON	MAINLINE, TYPE IIS
10024	TON	MAINLINE, TYPE IS
154	TON	MAINLINE END APPROACH, TYPE IIIS
88	TON	MAINLINE END APPROACH, TYPE IIS
70	TON	MAINLINE END APPROACH, TYPE IS
970	TON	RAMP C, TYPE IIIS
693	TON	RAMP C, TYPE IIS
723	TON	RAMP C, TYPE IS
288	TON	RAMP D, TYPE IIIS
88	TON	BRIDGE 87 S
164	TON	BRIDGE 88 S
15	TON	ROUNDING
36100	TON	TOTAL
		SUPERPAVE BITUMINOUS CONCRETE PAVEMENT NORTHBOUND (PG 64-34)
13381	TON	MAINLINE, TYPE IIIS
9558	TON	MAINLINE, TYPE IIS
9991	TON	MAINLINE, TYPE IS
72	TON	MAINLINE END APPROACH, TYPE IIIS
29	TON	MAINLINE END APPROACH, TYPE IIS
14	TON	MAINLINE END APPROACH, TYPE IS
229	TON	RAMP A, TYPE IIIS
348	TON	RAMP B, TYPE IIIS
553	TON	ST. ALBANS SO. STATE HIGHWAY, TYPE IIIS
88	TON	BRIDGE 87 N
175	TON	BRIDGE 88 N
181	TON	U-TURNS, TYPE III S
129	TON	U-TURNS, TYPE II S
961	TON	RAMP A DETOUR
11	TON	ROUNDING
35720	TON	TOTAL
		BITUMINOUS CONCRETE PAVEMENT (PG 64-34) SOUTHBOUND
48	TON	CROSSOVER TO BEGIN SB DETOUR, TYPE III
63	TON	CROSSOVER TO BEGIN SB DETOUR, TYPE II
49	TON	SB CROSSOVER TO RAMP D, TYPE III
66	TON	SB CROSSOVER TO RAMP D, TYPE II
98	TON	SB CROSSOVER FROM RAMP C, TYPE III
130	TON	SB CROSSOVER FROM RAMP C , TYPE II
78	TON	CROSSOVER TO END SB DETOUR, TYPE III
104	TON	CROSSOVER TO END SB DETOUR, TYPE II
278	TON	RAMP C DETOUR, TYPE III
371	TON	RAMP C DETOUR, TYPE II
5	TON	ROUNDING
1290	TON	TOTAL
		BITUMINOUS CONCRETE PAVEMENT (PG 64-34) NORTHBOUND
77	TON	CROSSOVER TO BEGIN NB DETOUR, TYPE III
103	TON	CROSSOVER TO BEGIN NB DETOUR, TYPE II
153	TON	NB CROSSOVER TO RAMP B, TYPE III
204	TON	NB CROSSOVER TO RAMP B, TYPE II
46	TON	CROSSOVER TO END NB DETOUR, TYPE III
61	TON	CROSSOVER TO END NB DETOUR, TYPE II
6	TON	ROUNDING
650	TON	TOTAL

SURVEYED BY _____ DATE _____
DRAWN BY SQUAD B DATE _____
SQUAD LEADER DELLA SANTA
DESIGN FILE NO. /87A007B/DESIGN/DA007FRM.DGN
IPARM FILE DA007QS1 DATE PLOTTED 05-OCT-2000
PROJ. NAME FAIRFAX-FAIRFIELD-ST. ALBANS
PROJ. NO. IM 089-3(27)
SHEET 11 OF 370 SHEETS