

QUANTITY SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

SOUTHBOUND									NORTHBOUND									SUMMARY OF ESTIMATED QUANTITIES							
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	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	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING	
				220		399								224		388					1231	LF	BRIDGE RAILING-NETC 2 RAIL	525.33	
				3305										3305							6610	SF	REINFORCED SLOPE (MSE WALLS)	526.40	
				734		945								733		1008					3420	SY	REMOVAL OF BRIDGE PAVEMENT	529.10	
				1										1							2	EA	REMOVAL OF STRUCTURE	529.15	
					1																1	EA	REMOVAL OF STRUCTURE (STA. 51+42.43)	529.15	
					1																1	EA	REMOVAL OF STRUCTURE (SB STA. 3395+93.1)	529.15	
															1						1	EA	REMOVAL OF STRUCTURE (NB STA. 3395+77.05)	529.15	
						1										1					2	EA	PARTIAL REMOVAL OF STRUCTURE	529.20	
			10					37										33			80	CY	REMOVAL OF CONCRETE OR MASONRY	529.25	
				10		24								10		28					72	EA	BEARING DEVICE ASSEMBLY	531.10	
																					1	LS	PRECAST CONCRETE BOX (7' X 5' @ STA. 51+42.43)	540.10	
																					1	LS	PRECAST CONCRETE BOX (6' X 6' @ SB STA. 3395+93.10)	540.10	
															1						1	LS	PRECAST CONCRETE BOX (6' X 6' @ NB STA. 3395+77.05)	540.10	
						20		5								20		5			50	SY	REPAIR OF CONCRETE SUBSTRUCTURE SURFACE CLASS I	580.13	
									236											124	360	LF	BEGIN OPTION PIPES		
									236											124	360	LF	18'' CAAP .060 (2-2/3 X 1/2)	601.0215	
									236											124	360	LF	18'' PCCSP .064 (2-2/3 X 1/2)	601.0415	
									236											124	360	LF	18'' RCP CLASS III	601.0815	
																				124	360	LF	18'' CPEP (SL) (2-2/3 X 1/2)	601.2615	
																				20	20	LF	18'' PCCSP .064 (2-2/3 X 1/2)	601.0415	
									4											4	LF	18'' PCCSP .079 (2-2/3 X 1/2)	601.0416		
									24												24	LF	24'' PCCSP .064 (2-2/3 X 1/2)	601.0425	
									2												2	LF	24'' PCCSP .079 (2-2/3 X 1/2)	601.0426	
									82											80	162	LF	30'' PCCSP .079 (2-2/3 X 1/2)	601.0436	
									54											20	74	LF	36'' PCCSP .079 (2-2/3 X 1/2)	601.0446	
									36												36	LF	48'' PCCSP .109 (2-2/3 X 1/2)	601.0457	
									60												60	LF	30'' RCP CLASS III	601.0835	
																				36	36	LF	36'' RCP CLASS III	601.0845	
																				1	1	EA	30'' CSPES .079 (2-2/3 X 1/2)	601.6036	
									1												1	EA	24'' RCPES CLASS III	601.6825	
									1												1	LF	CONCENTRIC REDUCER SECTION	601.98	
									150											50	200	LF	RELAYING PIPE CULVERTS	601.99	16
									220											100	320	LF	CLEANING CULVERT PIPE IN PLACE (0-24'' DIA. INCLUSIVE)	601.995	14
																				2100	2100	LF	CLEANING CULVERT PIPE IN PLACE (0-24'' DIA. INCLUSIVE) (MODIFIED)	601.995	EST.
									5											5	10	EA	CHANGING ELEVATION OF DI, CB, OR MH	604.40	EST
									13											18	31	EA	REHABILITATION OF DI, CB, OR MH CLASS I (MODIFIED)	604.412	
									3											9	12	EA	REHABILITATION OF DI, CB, OR MH CLASS I	604.412	
									1											2	3	EA	REHABILITATION OF DI, CB, OR MH CLASS II	604.415	
									1												1	EA	REHABILITATION OF DI, CB, OR MH CLASS III	604.418	
									7												7	EA	CAST IRON GRATE W/FRAME TYPE A	604.45	
									3											11	14	EA	CAST IRON GRATE W/FRAME TYPE B	604.46	
									1												1	EA	CAST IRON GRATE W/FRAME TYPE C	604.47	
									1000											2000	3000	LF	6'' UNDERDRAIN	605.10	EST.
									11975											13325	25300	LF	8'' UNDERDRAIN (MODIFICATION # 1)	605.11	59
									8675											10930	19605	LF	8'' UNDERDRAIN (MODIFICATION # 2)	605.11	56
									200											300	500	LF	6'' UNDERDRAIN CARRIER PIPE	605.20	EST.
									625											520	1145	LF	8'' UNDERDRAIN CARRIER PIPE	605.21	23
									3											7	10	EA	UNDERDRAIN FLUSHING BASINS	605.95	EST.
									79											85	164	EA	UNDERDRAIN FLUSHING BASINS (MODIFIED)	605.95	
									25											25	50	HR	BULLDOZER RENTAL, TYPE I	608.10	
									25											25	50	HR	BULLDOZER RENTAL, TYPE II	608.11	
									25											25	50	HR	POWER GRADER RENTAL	608.15	
									25											25	50	HR	ALL PURP. EXCAVATOR RENTAL, TYPE I	608.25	
									25											25	50	HR	ALL PURP. EXCAVATOR RENTAL, TYPE II	608.26	

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS
		TRENCH EXCAVATION OF EARTH--SOUTHBOUND
159	CY	DRAINAGE
3364	CY	UNDERDRAIN--MODIFICATION #1
4079	CY	UNDERDRAIN--MODIFICATION #2
55	CY	UNDERDRAIN CARRIER PIPE
85	CY	BRIDGE 87S
380	CY	BRIDGE 87-3S OUTLET
20	CY	DRIVE
33	CY	ROUNDING
81 75	CY	TOTAL
		TRENCH EXCAVATION OF ROCK--SOUTHBOUND
20	CY	DRAINAGE
26	CY	UNDERDRAIN CARRIER PIPE
4	CY	ROUNDING
50	CY	TOTAL
		TRENCH EXCAVATION OF EARTH--NORTHBOUND
159	CY	DRAINAGE
3436	CY	UNDERDRAIN--MODIFICATION #1
5215	CY	UNDERDRAIN--MODIFICATION #2
53	CY	UNDERDRAIN CARRIER PIPE
85	CY	BRIDGE 87N
240	CY	BRIDGE 87-3N INLET
30	CY	BRIDGE 88-3 INLET
500	CY	RAMP A DETOUR
52	CY	ROUNDING
9770	CY	TOTAL
		TRENCH EXCAVATION OF ROCK NORTHBOUND
27	CY	DRAINAGE
4	CY	UNDERDRAIN--MODIFICATION #1
36	CY	UNDERDRAIN CARRIER PIPE
4	CY	ROUNDING
71	CY	TOTAL
		SUBBASE OF DENSE GRADED CRUSHED STONE SOUTHBOUND
53321	CY	MAINLINE
4250	CY	RAMP C
65	CY	BRIDGE 88-3 OUTLET
64	CY	ROUNDING
57700	CY	TOTAL
		SUBBASE OF DENSE GRADED CRUSHED STONE NORTHBOUND
53885	CY	MAINLINE
375	CY	U-TURNS
85	CY	BRIDGE 88-3 INLET
1152	CY	RAMP A DETOUR
53	CY	ROUNDING
55550	CY	TOTAL
		SUBBASE OF GRAVEL--- SOUTHBOUND
1708	CY	RAMP C DETOUR
373	CY	CROSSOVER TO BEGIN SB DETOUR
342	CY	SOUTHBOUND CROSSOVER TO RAMP D
608	CY	SOUTHBOUND CROSSOVER FROM RAMP C
397	CY	CROSSOVER TO END SB DETOUR
22	CY	ROUNDING
3450	CY	TOTAL
		SUBBASE OF GRAVEL---NORTHBOUND
533	CY	CROSSOVER TO BEGIN NB DETOUR
935	CY	NORTHBOUND CROSSOVER TO RAMP B
349	CY	CROSSOVER TO END NB DETOUR
9	CY	RAMP A DETOUR (DRIVE TURN AROUND)
14	CY	ROUNDING
1840	CY	TOTAL

SURVEYED BY _____ DATE _____
DRAWN BY SQUAD B DATE _____
SQUAD LEADER DELLA SANTA
DESIGN FILE NO. 87A007B/DESIGN/DA007FRM.DGN
IPARM FILE DA007QS2 DATE PLOTTED 03-OCT-2000
PROJ. NAME FAIRFAX-FAIRFIELD-ST. ALBANS
PROJ. NO. IM 089-3(27)
SHEET 12 OF 370 SHEETS