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
				220		399			
				3305					
				734		945			
				1					
					1				
					1				
						1			
			10					37	
				10		24			
					1				
					1				
						20		5	
									236
									236
									236
									236
									4
									24
									2
									82
									54
									36
									60
									1
									1
									150
									220
									5
									13
									3
									1
									1
									7
									3
									1
									1000
									11975
									8675
									200
									625
									3
									79
									25
									25
									25
									25
									25

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
				224		388			
				3305					
				733		1008			
				1					
					1				
						1			
				10		28			
						20		5	
									124
									124
									124
									124
									20
									80
									20
									50
									100
									2100
									5
									18
									9
									2
									11
									2000
									13325
									10930
									300
									520
									7
									85
									25
									25
									25
									25
									25

SUMMARY OF ESTIMATED QUANTITIES

QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
1231	LF	BRIDGE RAILING-NETC 2 RAIL	525.33	
6610	SF	REINFORCED SLOPE (MSE WALLS)	526.40	
3420	SY	REMOVAL OF BRIDGE PAVEMENT	529.10	
2	EA	REMOVAL OF STRUCTURE	529.15	
1	EA	REMOVAL OF STRUCTURE (STA. 51+42.43)	529.15	
1	EA	REMOVAL OF STRUCTURE (SB STA.3395+93.1)	529.15	
1	EA	REMOVAL OF STRUCTURE (NB STA.3395+77.05)	529.15	
2	EA	PARTIAL REMOVAL OF STRUCTURE	529.20	
80	CY	REMOVAL OF CONCRETE OR MASONRY	529.25	
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	LS	PRECAST CONCRETE BOX (6' X 6' @ NB STA. 3395+77.05)	540.10	
50	SY	REPAIR OF CONCRETE SUBSTRUCTURE SURFACE CLASS I	580.13	
		BEGIN OPTION PIPES		
360	LF	18'' CAAP .060 (2-2/3 X 1/2)	601.0215	
360	LF	18'' PCCSP .064 (2-2/3 X 1/2)	601.0415	
360	LF	18'' RCP CLASS III	601.0815	
360	LF	18'' CPEP (SL) (2-2/3 X 1/2)	601.2615	
		END OPTION PIPES		
20	LF	18'' PCCSP .064 (2-2/3 X 1/2)	601.0415	
4	LF	18'' PCCSP .079 (2-2/3 X 1/2)	601.0416	
24	LF	24'' PCCSP .064 (2-2/3 X 1/2)	601.0425	
2	LF	24'' PCCSP .079 (2-2/3 X 1/2)	601.0426	
162	LF	30'' PCCSP .079 (2-2/3 X 1/2)	601.0436	
74	LF	36'' PCCSP .079 (2-2/3 X 1/2)	601.0446	
36	LF	48'' PCCSP .109 (2-2/3 X 1/2)	601.0457	
60	LF	30'' RCP CLASS III	601.0835	
36	LF	36'' RCP CLASS III	601.0845	
1	EA	30'' CSPES .079 (2-2/3 X 1/2)	601.6036	
1	EA	24'' RCPES CLASS III	601.6825	
1	LF	CONCENTRIC REDUCER SECTION	601.98	
200	LF	RELAYING PIPE CULVERTS	601.99	16
320	LF	CLEANING CULVERT PIPE IN PLACE (0-24'' DIA. INCLUSIVE)	601.995	14
2100	LF	CLEANING CULVERT PIPE IN PLACE (0-24'' DIA. INCLUSIVE) (MODIFIED)	601.995	EST.
10	EA	CHANGING ELEVATION OF DI, CB, OR MH	604.40	EST.
31	EA	REHABILITATION OF DI, CB, OR MH CLASS I (MODIFIED)	604.412	
12	EA	REHABILITATION OF DI, CB, OR MH CLASS I	604.412	
3	EA	REHABILITATION OF DI, CB, OR MH CLASS II	604.415	
1	EA	REHABILITATION OF DI, CB, OR MH CLASS III	604.418	
7	EA	CAST IRON GRATE W/FRAME TYPE A	604.45	
14	EA	CAST IRON GRATE W/FRAME TYPE B	604.46	
1	EA	CAST IRON GRATE W/FRAME TYPE C	604.47	
3000	LF	6'' UNDERDRAIN	605.10	EST.
25300	LF	8'' UNDERDRAIN (MODIFICATION # 1)	605.11	59
19605	LF	8'' UNDERDRAIN (MODIFICATION # 2)	605.11	56
500	LF	6'' UNDERDRAIN CARRIER PIPE	605.20	EST.
1145	LF	8'' UNDERDRAIN CARRIER PIPE	605.21	23
10	EA	UNDERDRAIN FLUSHING BASINS	605.95	EST.
164	EA	UNDERDRAIN FLUSHING BASINS (MODIFIED)	605.95	
50	HR	BULLDOZER RENTAL, TYPE I	608.10	
50	HR	BULLDOZER RENTAL, TYPE II	608.11	
50	HR	POWER GRADER RENTAL	608.15	
50	HR	ALL PURP. EXCAVATOR RENTAL, TYPE I	608.25	
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
8175	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)