DRAINAGE AND ITEM QUANTITY SHEET

STATE OF VERMONT DEPARTMENT OF HIGHWAYS

PROJECT I NO. 89-3(50)

APPROXIMATE SUMMARY OF QUANTITIES

[illegible]	[illegible]	BOARD TOTAL	UNIT	ITEM	BOUND	ITEM NO.
		1	LS	Clearing & Grubbing		201.10
		4700	CY	Unclassified Excavation	21	203.17
		12,100	CY	Earth Borrow	34	203.40
		500	CY	Granular Borrow, Est.		203.32
		900	CY	Trench Excavation of Earth	2	204.20
		50	CY	Trench Excavation of Rock, Est.		204.21
		150	CY	Structure Excavation	2	204.25
		200	CY	Granular Backfill for Structures	3	204.99
		90	CY	Sub-Base of Gravel	3	301.15
		3108	CY/MI	Overhaul		306.10
		60	CY	Stripping of Pits	3	307.10
		3.5	CY	Concrete, Class B	0.4	501.25
		137	LBS	Reinforcing Steel		507.15
		150	LF	6" Cast Iron Soil Pipe, Extra Heavy		601.914
		1800	LF	4" Perf. Bit. Fiber Underdrain	22	605.505
		90	HR	Bulldozer Rental, Est.		606.10
		40	LF	Metal Hand Railing	8	617.10
		57	TON	Bit. Conc. Sidewalk	0.5	618.15
		140	LB	Seed	13	651.10
		1100	LB	Fertilizer	46	651.15
		4.5	TON	Agricultural Limestone	0.3	651.20
		9.5	TON	Hay Mulch	0.3	651.29
		575	CY	Topsoil	8	653.19
		40	EA	Arborra Juniper (18"-24") (B & B) (Juniperus Horizontalis Plumosa)		655.204
		70	EA	Rockspray (1 1/2"-2") (B & B) (Cotoneaster Horizontalis)		655.216
		30	EA	Deutzia Gracillis (1 1/2"-2") (B & B)		655.218
		4	EA	Japanese Flowering Quince (1 1/2"-2") (B & B) (Chaenomeles Lactoneria)		655.222
	1	EA		Cockspur Hawthorn (C1-6") (B & B) (Crataegus Crus-galli)		655.314
	3	EA		Siberian Crab (8"-9") (B & B) (Malus Baccata)		655.316
	1	EA		European Mountain Ash (6"-8") (B & B) (Sorbus Aucuparia)		655.317
	1	EA		Japanese Tree Lilac (8"-9") (B & B) (Syringa Amurensis Japonica)		655.318
	1	EA		American Beech (2 1/2"-3") (B & B) (Fagus Pennsylvanica Lancaolata)		655.319
	1	EA		Vermont Red Oak (Quercus Borealis Rubra) 2 1/2"-3" (BBB)		655.352
	1	EA		American Yellowwood (2 1/2"-3") (B & B) (Cladrastris Lutea)		655.353
	1	EA		Littleleaf Linden (2 1/2"-3") (B & B) (Tilia Cordata)		655.356
	1	EA		Pin Oak (2 1/2"-3") (B & B) (Quercus Palustris)		655.357
	1	EA		Ginkgo (2 1/2"-3") (B & B) (Ginkgo Biloba)		655.358
	28	EA		Transplanting Deciduous Trees		655.75
	14	EA		Picnic Table		657.10
	1	LS		Roadside Rest Facility Building	NB	658.10
	1	LS		Septic Tank (29'-10"x 6'8")	NB	658.20
	1	LS		Septic Tank (29'-10"x 6'8")	SB	658.20
	3	EA		Sewage Distribution Box	NB	658.25
	3	EA		Sewage Distribution Box	SB	658.25
	1	LS		Street Lighting	NB	679.15
	1	LS		Street Lighting	SB	679.15
	1	LS		Sewage Pumping System	NB	659.30
	13.5	TON		Bit Conc. Curb		616.30
	1556	LF		Removal and Disposal of Exist Guard Rail, Est.		202.40
	488	LF		Guard Rail, Three Cable W/ Light Wood Posts		621.22
	4	EA		Anchor for Three Cable Guard Rail W/ Light Wood Posts		621.66
	130	LF		3/4" Seamless Copper Water Tube		629.36
	30	LF		Sleeve for Water Pipe		629.96
	110	CY		Sand Borrow		203.31

DETAILED SUMMARY OF QUANTITIES

QUANTITY	UNIT	ITEM
		ROCK EXCAVATION OF EARTH
356	CY	NB Rest Area
445	CY	SB Rest Area
97	CY	Gales Water Line
2	CY	Rounding
900	CY	Total
		STRUCTURE EXCAVATION
76	CY	NB Rest Area
72	CY	SB Rest Area
2	CY	Rounding
150	CY	Total
		GRANULAR BACKFILL FOR STRUCTURES
76	CY	NB Rest Area
121	CY	SB Rest Area
3	CY	Rounding
200	CY	Total
		SUB-BASE OF GRAVEL
52	CY	NB Rest Area
35	CY	SB Rest Area
3	CY	Rounding
90	CY	Total
		6" CAST IRON SOIL PIPE, EXTRA HEAVY
57	LF	NB Rest Area
72	LF	SB Rest Area
21	LF	Rounding
150	LF	Total
		4" PERF. BIT. FIBER UNDERDRAIN
668	LF	NB Rest Area
1090	LF	SB Rest Area
22	LF	Rounding
1800	LF	Total
		BITUMINOUS CONCRETE SIDEWALK
33.1	TON	NB Rest Area
23.9	TON	SB Rest Area
0.5	TON	Rounding
57.9	TON	Total
		SAND BORROW
56	CY	N.B. Rest Area
35	CY	S.B. Rest Area
9	CY	Rounding
110	CY	Total

DRAINAGE STRUCTURES

STA	[illegible]	TYPE IN	TYPE OUT	TRENCH EXCAV EARTH	TRENCH EXCAV ROCK	RELAY PIPE	ASKEW LT.	ASKEW RT.	DITCHES IN	DITCHES OUT	REMARKS

TYPE OF CONSTRUCTION

STATIONS FROM	STATIONS TO	PAVEMENT WIDTHS	EQUATIONS +	EQUATIONS −	REMARKS

LENGTH OF PROJECT

STA	STA	FEET	MILES	REMARKS

GEORGIA - FAIRFAX PROJECT NO. [illegible]

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