QUANTITY SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

APPROXIMATE SUMMARY OF QUANTITIES

WETLAND	UTILITIES	LANG FARM	EROSION CONTROL	STRUCTURES	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.
					1	1	LS	CLEARING AND GRUBBING (28 ACRES PLUS INDIVIDUAL TREES AND STUMPS)	201.10
					1	1	EA	DEMOLIITION AND DISPOSAL OF BUILDING #1 434+25 LT	202.10
					1	1	EA	DEMOLIITION AND DISPOSAL OF BUILDING #2 434+80 LT	202.10
					1	1	EA	DEMOLIITION AND DISPOSAL OF BUILDING #3 443+90 RT	202.10
					1	1	EA	DEMOLIITION AND DISPOSAL OF BUILDING #4 RTE 2A RAMP A 11+50 LT	202.10
					1	1	EA	DEMOLIITION AND DISPOSAL OF BUILDING #5 RTE 2A RAMP A 12+00 RT	202.10
11,700		4,550			287,566	303,816	CY	COMMON EXCAVATION	203.15
					564,129	564,129	CY	SOLID ROCK EXCAVATION	203.16
					5,000	5,000	CY	MUCK EXCAVATION (EST.)	203.20
				1,630	16,095	17,725	CY	UNCLASSIFIED CHANNEL EXCAVATION	203.27
					10,000	10,000	CY	EARTH BORROW (EST.)	203.30
				2,480	50,000	52,480	CY	SAND BORROW (MOD. – AT VERTICAL DRAINS)	203.31
				182,200		182,200	CY	GRANULAR BORROW	203.32
					1,000	1,000	CY	GRAVEL BACKFILL FOR SLOPE STABILIZATION (EST.)	203.35
		5,250			107,898	113,148	SY	FINE GRADING–SUBGRADE	203.40
2,250	438				9,450	12,138	CY	TRENCH EXCAVATION OF EARTH	204.20
					6,673	6,673	CY	TRENCH EXCAVATION OF ROCK	204.21
	150					150	CY	TRENCH EXCAVATION OF ROCK (UTILITY)	204.21
				3,500		3,500	CY	STRUCTURE EXCAVATION	204.25
				630		630	CY	GRANULAR BACKFILL FOR STRUCTURES	204.30
					100	100	LF	DRILLING AND BLASTING OF SOLID ROCK (EST.)	205.10
					43,046	43,046	SY	DRILLING AND BLASTING OF SOLID ROCK SUBGRADE	205.20
					2,022	2,022	SY	SCARIFYING PAVEMENT	212.20
		3,000		400		3400	CY	SUBBASE OF GRAVEL	301.15
		650				650	CY	SUBBASE OF CRUSHED GRAVEL(FINE GRADED)	301.26
		605			19,653	20,258	TON	BITUMINOUS CONCRETE PAVEMENT	406.25
				510		510	CY	CONCRETE–CLASS A	501.22
				992	127	1,119	CY	CONCRETE–CLASS B	501.25
				1		1	LS	FURNISHING EQUIPMENT FOR DRIVING PILING	504.10
				12,305		12,305	LF	STEEL PILING (HP 12 X 74)	505.16
				2,150		2,150	SF	TEMPORARY STEEL SHEET PILING	505.36
				1		1	LS	STRUCTURAL STEEL (PLATE GIRDER) – BRIDGE 13 (158,625 LB)	506.75
				1		1	LS	STRUCTURAL STEEL (PLATE GIRDER) – BRIDGE 14 (490,362 LB)	506.75
				122,010	11,781	133,791	LB	REINFORCING STEEL	507.15
				166,930		166,930	LB	EPOXY COATED REINFORCING STEEL	507.17
				1		1	LS	SHEAR CONNECTORS – BRIDGE 13 (2388 EA)	508.15
				1		1	LS	SHEAR CONNECTORS – BRIDGE 14 (1644 EA)	508.15
				1		1	EA	CGM PLATE PIPE (186X.138)(100,688 LBS) STA 502+25	511.15
								BEGIN STRUCTURE OPTIONS	
								BRIDGE 14–4 OPTION – STA 515+63	
				1		1	EA	CGM PLATE PIPE (108X.168)(92,625 LBS)	511.15
				1		1	EA	CORR. ALUM ALLOY PLATE PIPE (108X.200)(39,812.5 LBS)	511.25
								BRIDGE 14–2 OPTION – CVRR STA 36+05 – 40+30 LT	
				1		1	EA	CGM PLATE PIPE (78X.109)(56,950 LBS)	511.15
				425		425	LF	78" CSP .138 (3X1)	601.0148
				425		425	LF	78" CAAP .105 (3X1)	601.0348
								END STRUCTURE OPTIONS	
				76		76	GAL	WATER REPELLANT	514.10
				59		59	LF	GALVANIZED STRUCTURAL STEEL LINER – (60X.1046)	515.10
				31		31	LF	BRIDGE EXPANSION JOINT – BRIDGE 14	516.10
				1,460		1,460	SY	SHEET MEMBRANE WATERPROOFING	519.20
				1,103		1,103	LF	BRIDGE RAILING – 2 RAIL GALV.BOX BEAM	525.31
					400	400	LF	REMOVAL OF EXISTING PIPE 12"–24" DIAMETER	529.50

APPROXIMATE SUMMARY OF QUANTITIES

WETLAND	UTILITIES	LANG FARM	EROSION CONTROL	STRUCTURES	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.
				12		12	EA	BEARING DEVICE ASSEMBLY – STR #3	531.10
				12		12	EA	BEARING DEVICE ASSEMBLY – STR #6	531.10
					92	92	LF	18" CSP .064 (2–2/3X1/2)	601.0015
					380	380	LF	42" PCCSP .109 (2–2/3X1/2)	601.0452
					1,024	1,024	LF	18" RCP CLASS III	601.0815
					56	56	LF	24" RCP CLASS III	601.0825
					158	158	LF	30" RCP CLASS III	601.0835
					2	2	EA	18" CSP ELBOW.064 (2–2/3X1/2)	601.5015
					2	2	EA	18" RCPES CLASS III	601.6815
								BEGIN PIPE OPTIONS	
								OPTION A (OPTION FOR 12" PIPE)	
					342	342	LF	12" CAAP .060 (2–2/3X1/2)	601.0205
					342	342	LF	12" PCCSP .064 (2–2/3X1/2)	601.0405
								OPTION B (OPTION FOR 18" PIPE)	
					420	420	LF	18" CAAP .060 (2–2/3X1/2)	601.0215
					420	420	LF	18" PCCSP .064 (2–2/3X1/2)	601.0415
					420	420	LF	18" RCP CLASS III	601.0815
								OPTION C (OPTION FOR 18" PIPE)	
					2,092	2,092	LF	18" CAAP .060 (2–2/3X1/2)	601.0215
					2,092	2,092	LF	18" PCCSP .064 (2–2/3X1/2)	601.0415
								OPTION D (OPTION FOR 24" PIPE)	
					772	772	LF	24" CAAP .060 (2–2/3X1/2)	601.0225
					772	772	LF	24" PCCSP .064 (2–2/3X1/2)	601.0425
								OPTION E (OPTION FOR 30" PIPE)	
					694	694	LF	30" CAAP .075 (2–2/3X1/2)	601.0236
					694	694	LF	30" PCCSP .079 (2–2/3X1/2)	601.0436
								OPTION F (OPTION FOR 36" PIPE)	
					1,214	1,214	LF	36" CAAP .075 (2–2/3X1/2)	601.0246
					1,214	1,214	LF	36" PCCSP .079 (2–2/3X1/2)	601.0446
								OPTION G (OPTION FOR 42" PIPE)	
					1,144	1,144	LF	42" CAAP .105 (2–2/3X1/2)	601.0252
					1,144	1,144	LF	42" PCCSP .109 (2–2/3X1/2)	601.0452
								OPTION J (OPTION FOR 12" ELBOW)	
					6	6	EA	12" CAAP ELBOW.060 (2–2/3X1/2)	601.5205
					6	6	EA	12" PCCSP ELBOW.064 (2–2/3X1/2)	601.5405
								OPTION K (OPTION FOR 18" ELBOW)	
					2	2	EA	18" CAAP ELBOW.060 (2–2/3X1/2)	601.5215
					2	2	EA	18" PCCSP ELBOW.064 (2–2/3X1/2)	601.5415
								OPTION L (OPTION FOR 18" END SECTION)	
					1	1	EA	18" CSPES.064 (2–2/3X1/2)	601.6015
					1	1	EA	18" CAAPES.060 (2–2/3X1/2)	601.6215
								OPTION M (OPTION FOR 30" END SECTION)	
					1	1	EA	30" CSPES.079 (2–2/3X1/2)	601.6036
					1	1	EA	30" CAAPES.075 (2–2/3X1/2)	601.6236
								OPTION N (OPTION FOR 42" END SECTION)	
					1	1	EA	42" CSPES.109 (2–2/3X1/2)	601.6052
					1	1	EA	42" CAAPES .105 (2–2/3X1/2)	601.6252

NOTE : ALL FINAL QUANTITIES ARE LOCATED IN THE FIELD BOOKS OR ON THE COMPARISON SHEETS.

REVISED 6–25–91 T.R.

PROJECT NAME WILLISTON – COLCHESTER
PROJECT NUMBER PB 033–1(2)