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STANDARD DRAWINGS

SCB-01-75	SEP. 14, 1981S
SCB-04-76	OCT. 12, 1983S
SCB-06-75	JAN. 3, 1976S
SCB-07-71	DEC. 15, 1976S
SCB-09-71	JAN. 27, 1976S
SB-RHA-82	SEP. 7, 1983S

SUBSTRUCTURE QUANTITY BREAKDOWN

ABUT / PIER	CONCRETE (CLASS B) CY	REINF STEEL LB	STAPLES (HP12x74) LF
WEST ABUT.	120	11,273	593
PIER 11W	137	23,096	311
10W	92	22,894	382
9W	105	27,611	307
8W	189	32,733	478
7W	202	39,866	570
6W	219	49,102	509
5W	366	78,296	697
4W	336	77,769	0
3W	366	73,265	0
2W	209	64,966	634
1W	318	116,893	0
1E	522	119,790	0
2E	628	67,629	0
3E	383	70,364	898
4E	366	71,930	573
5E	210	61,819	1,272
6E	396	91,730	497
7E	266	53,874	1,076
8E	239	51,976	1,100
9E	266	60,300	900
10E	211	39,698	1,202
11E	203	62,632	1,163
12E	247	60,428	1,014
13E	177	33,932	896
14E	174	32,163	896
15E	169	31,996	610
16E	104	27,808	418
PIER 17E	187	42,803	0
EAST ABUT.	131	11,085	764
WEST APPR. SLAB	40	8,087	0
EAST APPR. SLAB	40	8,087	0
TOTAL	8,029	1,649,039	19,290

SUPERSTRUCTURE QUANTITY BREAKDOWN

UNIT	STRUCT STEEL LB	CONCRETE (CLASS A) CY	REINF STEEL LB
1	501,300	508	171,585
2	371,900	1,095	339,623
3	381,000	803	208,587
4	1,082,600	1,231	419,456
5	1,251,300	1,095	369,353
6	460,600	426	145,939
TOTAL	7,051,300	5,073	1,724,543

STEEL ALTERNATE

BRIDGE QUANTITY SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION
STRUCTURES DIVISION

QUANTITY BREAKDOWN

NO.	ITEM	UNIT	SUPER-STRUCTURE	SUB-STRUCTURE	CHANNEL	TOTAL	FINAL
206.25	STRUCTURE EXCAVATION - PIERS	CY		20		20	0
206.25	STRUCTURE EXCAVATION - ABUTMENTS	CY		700		700	692.7
206.30	GRANULAR BACKFILL FOR STRUCTURES	CY		240		240	232.2
406.25	BIT CONCRETE PAVEMENT	TON	2536			2536	2536.3
501.20	CONCRETE CLASS A	CY	5073			5073	0
501.25	CONCRETE CLASS B	CY		8,029		8,029	7977.49
524.10	FURNISHING EQUIPMENT FOR DRIVING PILING	LS		1		1	1
505.16	STEEL PILING (HP12x74)	LF		19,290		19,290	[illegible]
505.35	PERMANENT STEEL SHEET PILING	SF		2762		2762	2748.3
509.60	PILE LOADING TESTS	EA		2		2	2
506.91	STRUCTURAL STEEL (PL GIRDERS)	LB	7051300			7,051,300	[illegible]
506.99	BEARING DEVICE ASSEMBLY	EA	179			179	179
507.15	REINFORCING STEEL	LB		1649.038		1649.038	1,726,774
507.17	EPOXY COATED REINFORCING STEEL	LB	1724.543			1724.543	1,724,543
508.15	SHEAR CONNECTORS (3/4"x7 1/2" STUDS)	LS	1			1	1
514.10	WATER REPELLENT	GAL	715	479		1194	1194.5
516.21	ELASTOMERIC EXP JOINT (SINGLE SEAL)	LF	84			84	84
516.23	ELASTOMERIC EXP JOINT (THREE SEAL)	LF	86			86	86
516.24	ELASTOMERIC EXP JOINT (FOUR SEAL)	LF	129			129	0
519.20	SHEET MEMBRANE WATERPROOFING	SY	7791			7791	0
530.11	TYPE I COFFERDAMS	LS		1		1	1
530.12	TYPE II COFFERDAMS	LS		1		1	1
530.13	TYPE III COFFERDAMS	LS		1		1	1
530.14	TYPE IV COFFERDAMS	LS		1		1	1
611.25	TREATED LUMBER & TIMBER	MBF		6		6	6.97
616.19	CONC BRIDGE BARRIER CURB	LF	8,147			8147	8,133
617.30	BRIDGE RAILING - GALV BOX BEAM	LF	8,158			8,158	8,157.7
635.10	MOBILIZATION	LS	1			1	1
636.10	TRANSPORTATION - BOAT	EA			1	1	1
646.35	TEMPORARY 4" REFLECTORIZED WHITE LINES	LF	8112			8112	8,112
646.61	DURABLE 4" REFLECTORIZED YELLOW LINES	LF	5160			5160	5,160
501.20	Concrete Class A (Footings)	CY				0	5,166.41
519.20	Sheet Membrane Waterproofing (Curb)	SY				0	1,287.7

ALBURGH-ROUSES POINT
BHF MEMB(24)
SHEET 17 OF 50
FOR REFERENCE ONLY

BRIDGE (S) AT STATION (S) BR. No. 1 STA. 37+07.08 Thru 77+63.25
LOCATION (S) U.S. RTE. 2 OVER LAKE CHAMPLAIN

Prepared by: KBW | Checked by: RMC
SUPERVISOR: GJM

ROUSES POINT NY-ALBURGH VT. PROJECT NO. BHF-028-1(11)
BR 932 OF ____ SHEET NO. ____ OF ____