



**ITEM 678.26 - JUNCTION BOX**

427+98, 41' RT. (L-29)  
 413+70, 30' LT (FUTURE SIGNAL)  
 413+70, 2' RT (FUTURE SIGNAL)

**ITEM 678.30 - ELECTRICAL CONDUIT SLEEVE**

423+55 RT - 424+06 RT, 52 LF (12")  
 426+58 RT - 426+94 RT, 36 LF (8")  
 426+80 LT - 427+15 LT, 35 LF (6")  
 428+12 RT - 428+64 RT, 52 LF (8")  
 413+70 LT - 412+70 RT, 32 LF (8")

**LIGHTING ITEMS**

**ITEM 678.21 - ELECTRICAL CONDUIT (2" PVC SCHEDULE 40)**

423+51 RT (S-15) - 424+16 RT (S-16), 67 LF  
 427+65 LT (POLE NO. SB51) - SWEEP FOR FUTURE USE, 11 LF  
 428+85 LT (POLE NO. SB53) - SWEEP FOR FUTURE USE, 11 LF

**ITEM 678.23 - WIRED CONDUIT (2" PVC SCHEDULE 40)**

423+00 LT - 423+35 LT (POLE NO. C13), 41 LF  
 423+35 LT (C13) - 423+47 LT (POLE V7), 23 LF  
 423+00 RT - 423+50 RT (POLE NO. C14), 55 LF  
 424+10 RT (POLE NO. V8) - 424+16 RT (S-16), 21 LF  
 421+00 RT (V9) - 423+51 RT (S-15), 56 LF  
 424+17 LT (STANCHION) - 424+34 LT (POLE NO. C15), 30 LF  
 424+16 RT (S-16) 425+10 RT (POLE NO. SB48), 100 LF  
 424+34 LT (POLE NO. C15) - 425+95 LT (POLE NO. SB49), 172 LF  
 425+09 RT (POLE NO. SB48) - 427+00 RT (POLE NO. SB50), 203 LF  
 425+95 LT (POLE NO. SB49) - 427+65 LT (POLE NO. SB51), 182 LF  
 427+00 RT (POLE NO. SB50) - 427+98 RT (L-29), 107 LF  
 427+98 RT (L-29) - 421+18 RT (POLE NO. SB52), 30 LF  
 427+98 RT (L-29) - 428+82 RT (POLE NO. SB53), 96 LF

**ITEM 678.23 - WIRED CONDUIT (2 1/2" PVC SCHEDULE 40)**

424+07 LT (POWER) - 424+17 LT (STANCHION), 16 LF

**ITEM 678.23 - WIRED CONDUIT (2" PVC SCHEDULE 80)**

AT POWER DROP, ABOVE GROUND, 10 LF

**INTERCONNECT ITEMS**

**ITEM 678.21 - ELECTRICAL CONDUIT (2" PVC SCHEDULE 40)**

428+85 RT (I-50) - SWEEP FOR FUTURE USE, 5 LF

**ITEM 678.20 (MOD.) - INTERCONNECTING CABLE (2" PVC SCHEDULE 40)**

423+00 RT - 423+18 RT (I-47), 18 LF  
 423+18 RT (I-47) - 423+56 RT (S-15), 36 LF  
 423+56 RT (S-15) - 424+17 RT (S-16), 67 LF  
 424+17 RT (S-16) - 424+32 RT (CANTILEVER #16), 19 LF  
 424+32 RT (CANTILEVER #16) - 424+40 RT (CONTROLLER), 13 LF  
 424+40 RT (CONTROLLER) - 424+77 RT (I-48), 43 LF  
 424+77 RT (I-48) - 426+48 RT (I-49), 171 LF  
 426+48 RT (I-49) - 428+82 RT (I-50), 235 LF

**ITEM 678.26 - JUNCTION BOX**

423+18, 34' RT. (I-47)  
 424+77, 37' RT. (I-48)  
 426+48, 37' RT. (I-49)  
 428+82, 37' RT. (I-50)

**LEGEND**

	STREET LIGHT POLE		L-1 = ONE LEG OF THREE WIRE CIRCUIT
	UTILITY POLE		SB1 = LIGHT POLE NUMBER (SOUTH BURLINGTON)
	LUMINAIRE		V1 = LIGHT POLE NUMBER (VAOT)
	STRAIN POLE W/ MAST ARM		C1 = LIGHT POLE NUMBER (CANTILEVER - VAOT)
	PEDESTRIAN POLE		PB S-1 = SIGNAL PULLBOX NUMBER
	PULL BOX OR JUNCTION BOX		JB I-1 = INTERCONNECT JUNCTION BOX NUMBER
	SIGNAL CONDUIT		JB L-1 = LIGHTING JUNCTION BOX NUMBER
	INTERCONNECT CABLE CONDUIT		PB P-1 = POWER SOURCE PULLBOX NUMBER
	LIGHTING CONDUIT		
	SLEEVE		
	POWER DROP STANCHION		

MATCH TO LIGHTING DRAWING NO. 9, STA. 423+00

DATUM  
 VERTICAL NGVD 1929  
 HORIZONTAL NAD 1927

POLE NO.	STATION	OFFSET	SIDE	LENGTH OF POLE	WALL THICK	BRK-WAY	LUMINAIRE WATTS	MOUNT HEIGHT	CONC. BASE	REMARKS	
V7	423+47	73'	LT.	33'	8"	.156	YES	150	III	35'	TRUSS-TYPE SUPPORT ARM
C14	423+50	37'	RT.	12'				150	III	35'	MOUNT TRUSS-TYPE SUPPORT ARM ON CANTILEVER #14
V8	424+10	51'	RT.	33'	8"	.156	YES	150	III	35'	20"x72"
C15	424+34	51'	LT.	8'				150	III	35'	MOUNT TRUSS-TYPE SUPPORT ARM ON CANTILEVER #15
SB48	425+09	44'	RT.	33'	12"	.156	YES	150	III	35'	20"x72"
SB49	425+95	47'	LT.	33'	8"	.156	YES	150	III	35'	20"x72"
SB50	427+00	33'	RT.	33'	8"	.156	YES	150	III	35'	20"x72"
SB51	427+65	44'	LT.	33'	8"	.156	YES	150	III	35'	20"x72"
SB52	428+18	53'	RT.	33'	8"	.156	YES	150	III	35'	20"x72"
SB53	428+82	33'	RT.	33'	8"	.156	YES	150	III	35'	20"x72"
V9	421+00	28'	RT.	33'	8"	.156	YES	150	III	35'	20"x72"

**NOTE:**

STREET LIGHTS #C14 AND #C15 SHALL BE MOUNTED ON CANTILEVER POLES AND SHALL RECEIVE THEIR POWER FROM THE SAME METERED POWER SOURCE AS THE TRAFFIC SIGNAL.

STREET LIGHT #V7, V8 & V9 SHALL BE AN INDEPENDENT LIGHT POLE AND SHALL RECEIVE POWER FROM THE SAME METERED POWER SOURCE AS THE TRAFFIC SIGNAL.

SEE SIGNAL DRAWINGS NO'S. 1 THROUGH 6 FOR SIGNAL CONDUITS, PULLBOXES, WIRING, POLES AND SLEEVES.

SEE TYPICAL SECTION DRAWING NO. 5 FOR TYPICAL CONDUIT PLACEMENT DETAIL.

**ABBREVIATIONS**

C. = CONDUIT  
 CU. = COPPER  
 GRD. = GROUND

SHELburne - SOUTH BURLINGTON

SURVEYED BY: V.S.C. INC. DATE: \_\_\_\_\_  
 DRAWN BY: E.A.A. INC. DATE: \_\_\_\_\_  
 TRACED BY: E.A.A. INC. DATE: \_\_\_\_\_

PROJECT NH-EGC-019-4(28)  
 LIGHTING DRAWING NO. 10  
 SHEET NO. 146 OF 283

4/4/03 SCALE IN FEET 0 20 40