

VEHICLE LOOP DETECTORS							
LANE	LOOP NO.	SIZE	TYPE	NO. TURNS	CALL #	MODE	AMP
RTE 7 NB LT.	△	6'x40'	QUAD	2	1	PRES-ENCE	NON-DELAY
RTE 7 SB LT.	△	6'x40'	QUAD	2	5	PRES-ENCE	NON-DELAY
HARBOR VIEW ROAD DRIVEWAY	△	6'x30'	QUAD	2	8	PRES-ENCE	NON-DELAY

TEST RESULTS				
INDUCTANCE (uh)		RESISTANCE (Ω @ 77° F)		LEAKAGE TO GROUND
CALCULATED	MEASURED	CALCULATED	MEASURED	
381		0.84		
387		0.87		
270		0.51		
235		0.66		

ALL CALCULATED VALUES ARE AT THE CONTROLLER. MEASURED VALUES MUST BE FILLED IN PRIOR TO TEST PERIOD.

SIGNAL ITEMS

ITEM 678.27 - PULLBOX - DOUBLE

390+10, 46' RT (S-11)
390+58, 46' RT (S-12)

ITEM 678.30 - ELECTRICAL CONDUIT SLEEVE

390+15 LT - 390+50 LT, (8" - 36 LF)
390+57 RT - 390+65 LT, (8" - 81 LF)

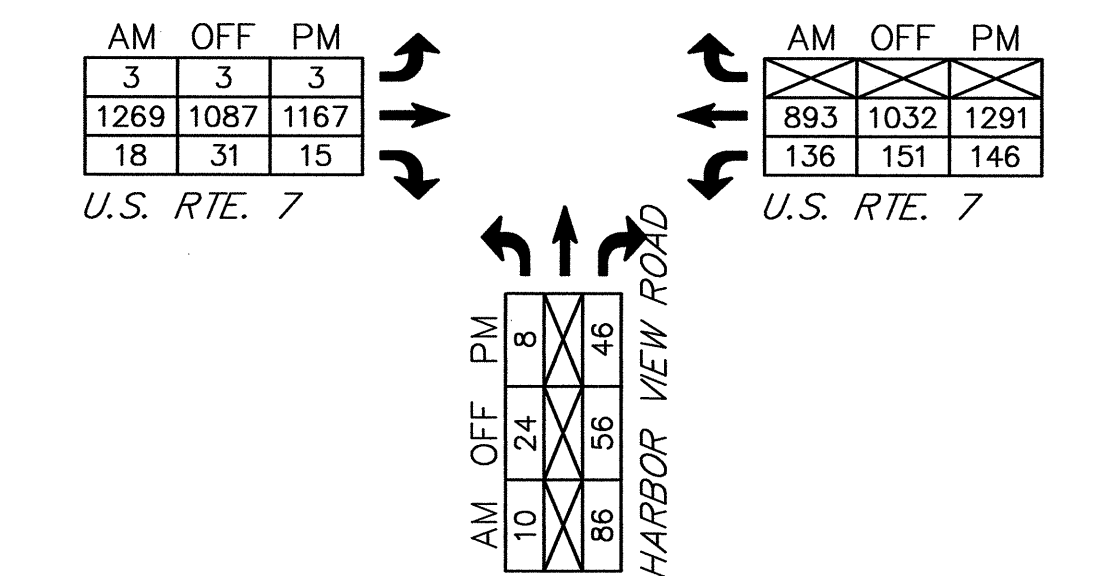
ITEM 678.23 - WIRED CONDUIT

389+94 RT (CANTILEVER #5) - 390+10 RT (S-11), (20 LF)
390+00 LT (CANTILEVER #6) - 390+65 LT (CANTILEVER #7), (2 @ 72 = 144 LF)
390+10 RT (S-11) - 390+58 RT (S-12), (2 @ 47 = 94 LF)
390+65 LT (CANTILEVER #7) - 390+58 RT (S-12), (2 @ 97 = 194 LF)
390+58 RT (S-12) - 390+70 RT (CANTILEVER #8), (2 @ 16 = 32 LF)
390+67 RT (CONTROLLER) - 390+70 RT (CANTILEVER #8), (2 @ 10 = 20 LF)

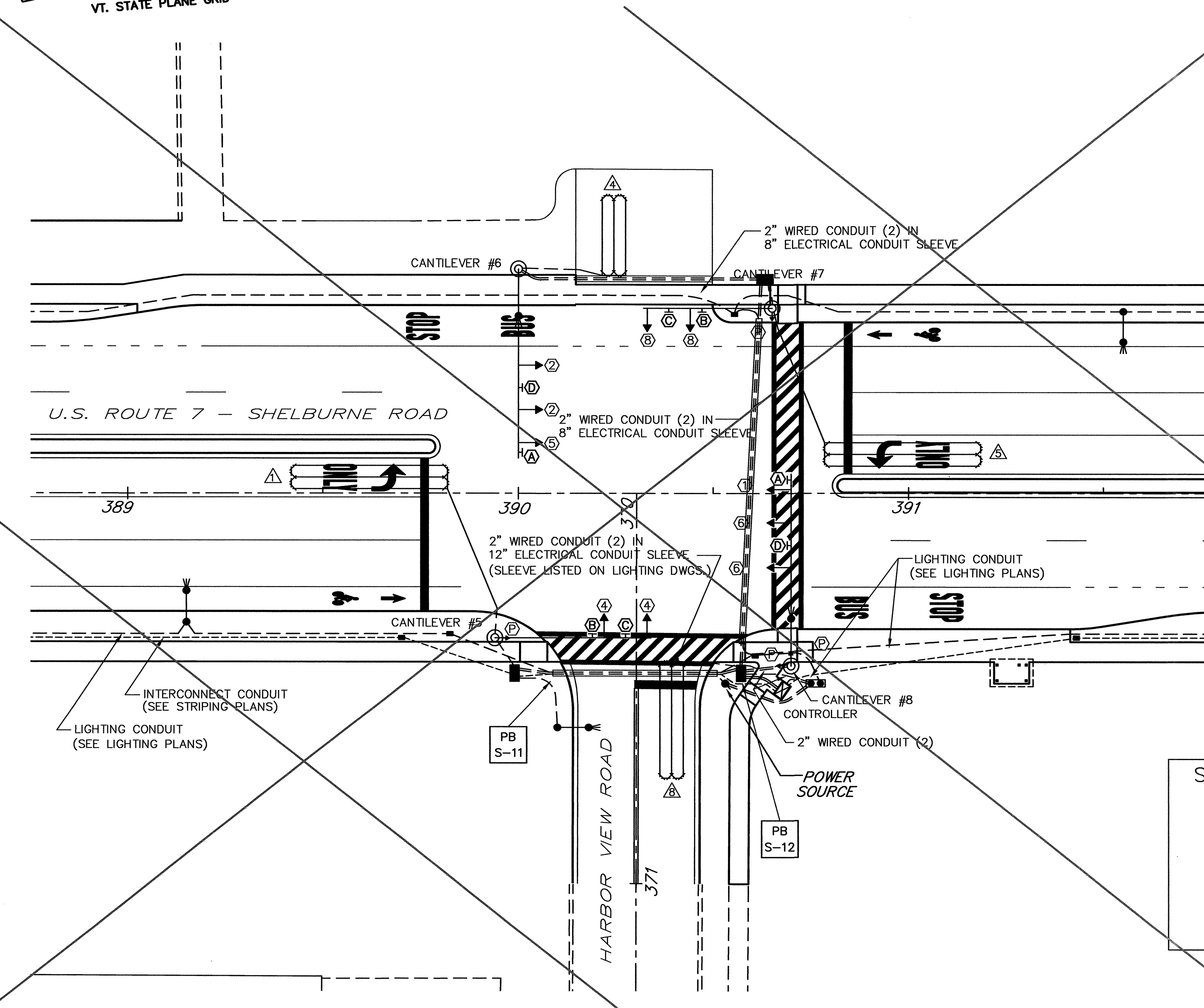
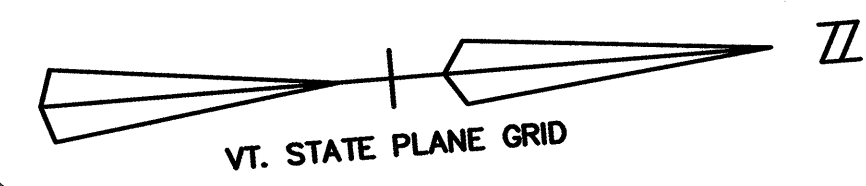
PROGRAM PERIODS OF OPERATION																									
	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
	AM												PM												
SUNDAY																									
MONDAY																									
TUESDAY																									
WEDNESDAY																									
THURSDAY																									
FRIDAY																									
SATURDAY																									

PLAN 1 - AM PEAK (70 SEC CYCLE) 6:00 AM - 8:00 AM MON. THRU FRI.
PLAN 2 - OFF PEAK (70 SEC CYCLE) 8:00 AM - 4:00 PM MON. THRU FRI.
6:00 PM - 12:00 AM MON. THRU FRI.
6:00 AM - 11:30 AM SAT. & SUN.
4:00 PM - 12:00 AM SAT. & SUN.
PLAN 3 - PM PEAK (80 SEC CYCLE) 4:00 PM - 6:00 PM MON. THRU FRI.
11:30 AM - 4:00 PM SAT. & SUN.
11:30 AM - 4:00 PM SAT. & SUN.
FLASHING OPERATION 12:00 AM - 6:00 AM SUN. THRU SAT.

1998 AVERAGE WEEKDAY TRAFFIC

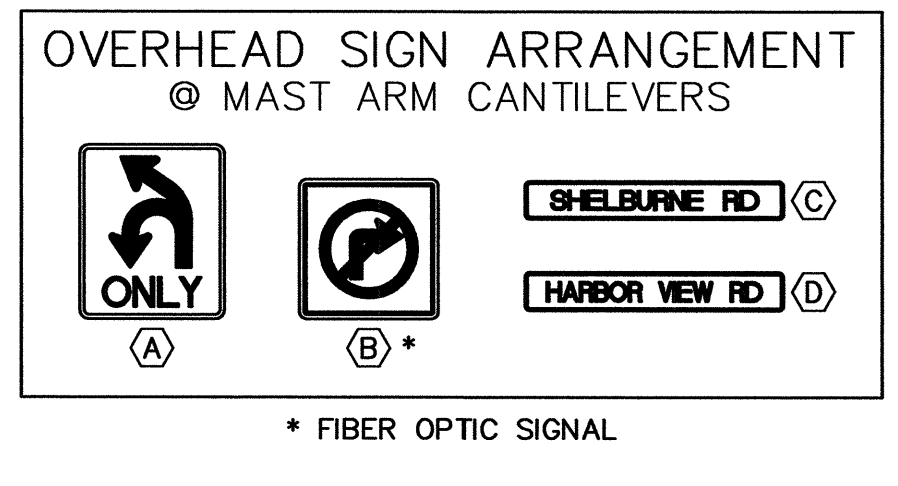
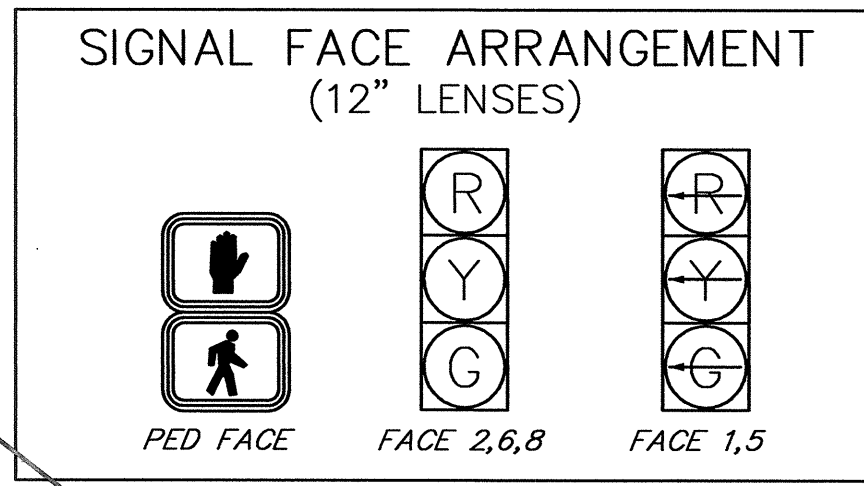


SEE SHEET 129A FOR REVISED LAYOUT AND QUANTITY SUMMARY



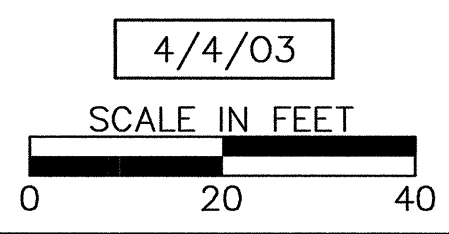
TIMING & PHASING									
PLAN	R/W	PHASE 1+5 CLEAR TO			PHASE 1+6 / 2+5 (OVERLAP) (SEE PHASE 1+5 FOR TIMINGS)	PHASE 2+6 (DWELL) CLEAR TO	PHASE 4+8 CLEAR TO		
		2+6	1+6	2+5			4+8	1+5	
AM PEAK	PED W/CL	1.5				5 11	5 11	5 11	
	VEHICLE	8	4 2	4 2	4 2	1.5	1.5	1.5	
	MINIMUM	8	4 2	4 2	4 2	30	30	30	
	MAX	8 *	4 2	4 2	4 2	35	35	35	
	OFFSET					43	43	43	
OFF PEAK	PED W/CL	1.5				5 11	5 11	5 11	
	VEHICLE	8	4 2	4 2	4 2	1.5	1.5	1.5	
	MINIMUM	8	4 2	4 2	4 2	30	30	30	
	MAX	8 *	4 2	4 2	4 2	35	35	35	
	OFFSET					43	43	43	
PM PEAK	PED W/CL	1.5				5 11	5 11	5 11	
	VEHICLE	8	4 2	4 2	4 2	1.5	1.5	1.5	
	MINIMUM	8	4 2	4 2	4 2	30	30	30	
	MAX	10 *	4 2	4 2	4 2	37	37	37	
	OFFSET					43	43	43	

M = SOLID MAN, FH = FLASHING HAND, H = SOLID HAND, B = BLANK, O = "NO TURN ON RED" ON PEDESTRIAN INDICATIONS WILL OPERATE UPON ACTUATION ONLY AND WILL BE "H" ALL OTHER TIMES
FACE NUMBERS ARE BASED ON NEMA PHASES (2,4,6 & 8 FOR THRU/RIGHTS AND 1,3,5 & 7 FOR THEIR ASSOCIATED PROTECTED LEFTS)
* - TOTAL FOR PHASE (1+5) AND OVERLAP
SEE SIGNAL DRAWING NO. 2 FOR FIRE PRE-EMPTION



LEGEND	
○	NEW SIGNAL FACE
⊙	NEW STRAIN POLE W/ SPAN WIRE OR MAST ARM
■	NEW PULLBOX
□	NEW JUNCTION BOX
●	NEW POWER STANCHION
---	NEW SIGNAL CONDUIT
---	NEW INTERCONNECT CONDUIT
⊕	NEW POWER POLE

NOTE:
SEE SIGNAL DRAWING NOS. 1 & 2 FOR: TRAFFIC SIGNAL & GENERAL NOTES AND LIST OF MAJOR EQUIPMENT.



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)
SIGNAL DRAWING NO. 4
SHEET NO. 129 OF 283

DATUM VERTICAL NGVD 1929 HORIZONTAL NAD 1927
INTERSECTION NO. MS-514 (US 7 - HARBOR VIEW ROAD)

AS-BUILT REVISIONS		
NO.	DATE	DESCRIPTION
1.	3/7/06	NOTES REVISED PER ADDENDUM #2