

LIST OF MAJOR EQUIPMENT

ITEM DESCRIPTION	U.S. ROUTE 7 & -			
	ALLEN ROAD	HARBOR VIEW ROAD	BARTLETT BAY RD./GREEN MOUNTAIN DR.	HOLMES RD./JUGHANDLE H
ITEM 678.15				
CANTILEVERS	4	4	4	4
PEDESTAL POST	1	-	3	-
NEW 12" TRAFFIC SIGNAL HEADS W/ TUNNEL VISORS & MOUNTING HARDWARE				
CANTILEVER ARM MOUNTED				
A) ONE-WAY 3 SEC.	6	6	6	6
B) ONE-WAY 3 SEC. ARROWS	2	2	2	2
LOUVERED BACKPLATE (12")	4	4	4	4
TWO SECTION HAND/MAN PEDESTRIAN HEADS W/VISORS & MOUNTING HARDWARE				
A) SIDE MOUNTED (ONE-WAY)	X 1	2	6	2
B) SIDE MOUNTED (TWO-WAY)	1	1	-	2
C) POST TOP MOUNTED (ONE-WAY)	X 1	-	-	-
D) POST TOP MOUNTED (TWO-WAY)				
PEDESTRIAN AUDIO SIGNALS	4	4	6	6
PED PUSHBUTTON W/SIGN	4	4	6	6
ECONOLITE ASC/2S-2100 CONTROLLER W/CABINET	1	1	1	1*
CONTROLLER PROGRAMMING EQUIPMENT	1	1	1	1
LUMINAIRES	2	2	3	3
POWER DROP STANCHION	1	1	1	1
L.E.D. FIBER OPTIC "NO TURN ON RED"	2	2	2	2
SIGNAL NUMBER	MS-515	MS-514	MS-516	MS-517
PRE-EMPTION EQUIPMENT (SEE NOTE 9)	1	1	1	1

* - CABINET TO INCLUDE MASTER AND SLAVE CONTROLLER

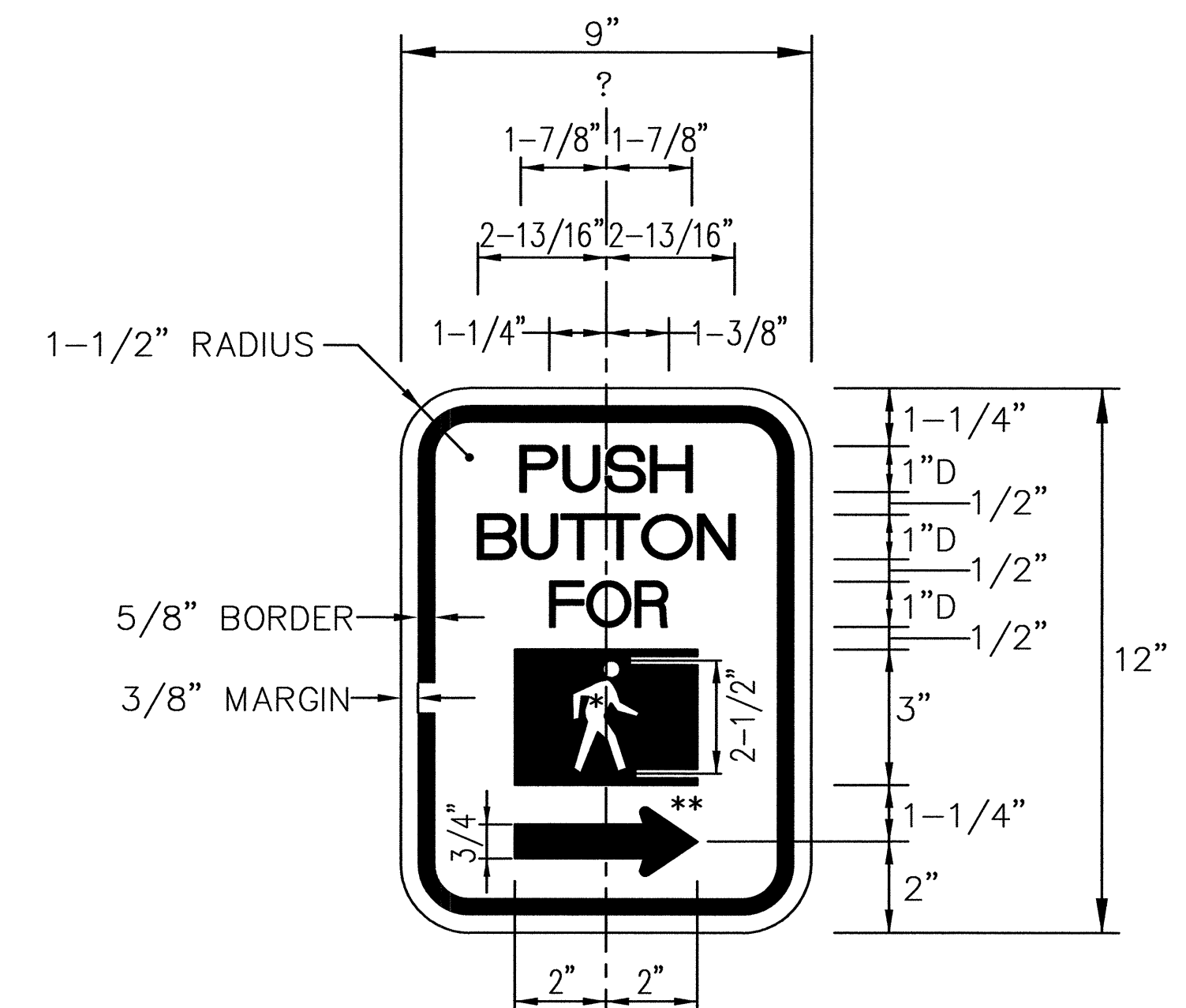
NOTES:

- THE QUANTITIES LISTED ABOVE ARE APPROXIMATE AND FURNISHED FOR GENERAL INFORMATION ONLY. ANY ITEM NOT LISTED, BUT REQUIRED AS PART OF THE SIGNAL SYSTEM DESIGN SHALL BE INCLUDED AS PART OF ITEM 678.15. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF THE NUMBER OF ITEMS AND TYPES OF EQUIPMENT REQUIRED TO PROVIDE FOR THE SIGNAL SYSTEM DESIGN AS SHOWN.
- SEE LAYOUT FOR LENS ARRANGMENTS.
- ALL CANTILEVER ARM AND OVERHEAD SIGN SUPPORT MOUNTED SIGNALS SHALL USE ASTRO-BRAC HARDWARE WITH A TERMINAL COMPARTMENT. ALL FIXED MOUNTED HEADS SHALL HAVE TERMINAL COMPARTMENTS.
- PEDESTRIAN SIGNAL HEADS SHALL HAVE 9" SYMBOLS.
- PEDESTRIAN AUDIO SIGNALS SHALL BE INSTALLED, TESTED AND THEN DISCONNECTED.
- SEE SIGNAL DRAWINGS 10 & 11 FOR CANTILEVER DETAILS
- SEE SIGNAL DRAWINGS 3 THROUGH 6 FOR QUANTITIES AND LOCATIONS FOR OTHER SIGNAL ITEMS (CONDUIT, SLEEVES, LOOPS, PULLBOXES, JUNCTION BOXES, INTERCONNECT, ETC.)
- ALL CANTILEVER PARTS SHALL HAVE A BLACK FINISH.
- CONTROLLER CABINET SHALL BE EQUIPPED WITH 3M OPTICOM PRIORITY CONTROL SYSTEM, OR APPROVED, COMPATIBLE EQUIPMENT.

FIRE PRE-EMPTION PHASING

PLAN 1	U.S. ROUTE 7				HOLMES ROAD				
	FIRE PRE-EMPT (NB)		FIRE PRE-EMPT (SB)		FIRE PRE-EMPT (EB)		FIRE PRE-EMPT (EB)		
	R/W	φ2+6	φ1+5	R/W	φ2+6	φ1+5	R/W	φ2+6	φ1+5
PED W/CL									
VEHICLE									
MINIMUM									
MAX		4 2	4 2		4 2	4 2		4 2	4 2
OFFSET									
PLAN 2									
PED W/CL									
VEHICLE									
MINIMUM									
MAX		4 2	4 2		4 2	4 2		4 2	4 2
OFFSET									
PLAN 3									
PED W/CL									
VEHICLE									
MINIMUM									
MAX		4 2	4 2		4 2	4 2		4 2	4 2
OFFSET									
FACE 1	R	R	R	R	R	R	R	R	R
FACE 2	R	R	R	R	R	R	R	R	R
FACE 4	R	R	R	R	R	R	R	R	R
FACE 5	R	R	R	R	R	R	R	R	R
FACE 6	G	G	Y	R	Y	R	R	R	R
FACE 8	R	R	R	R	R	R	R	R	R
PED A	H	H	H	H	H	H	H	H	H
PED B	H	H	H	H	H	H	H	H	H
SIGN B	B	B	B	B	B	B	B	B	B

NOTE: SEE SIGNAL DRAWINGS 3 THROUGH 6 FOR ADDITIONAL TIMING & PHASING DIAGRAMS



- * SEE STD. SHEET E-152 FOR DESIGN
- ** VARIABLE LEGEND - SEE BELOW
- A) RIGHT FACING FIGURE & ARROW (13)
- B) LEFT FACING FIGURE & ARROW (15)
- C) RIGHT FACING FIGURE & NO ARROW (4)

NOTE: PEDESTRIAN SIGNS SHALL BE SUBSIDIARY TO THE TRAFFIC SIGNAL ITEM 678.15

COLORS:

- LEGEND - BLACK (NON-REFL.)
- BACKGROUND - WHITE (REFL.)
- SYMBOL - WHITE (REFL.)
- SEE STD. SHEET E-140 FOR MATERIALS

PROPERTY OF:
**VT. AGENCY OF TRANS.
 MAINTENANCE DIV.**
 IN EMERGENCY CALL :
 DIST. TRANS. OFFICE
655 - 1580 COLCHESTER
NIGHTS & WEEKENDS : 878-7111
 INTERSECTION NO. **MS-XXX**

CONTROLLER IDENTIFICATION PLAQUE

- THIS PLAQUE SHALL BE MOUNTED ON ALL TRAFFIC SIGNAL CONTROLLER CABINETS. IT SHALL BE FASTENED TO THE CONTROLLER CABINET IN SUCH A MANNER AS TO BE NOT EASILY REMOVED, SUCH AS WELDED, RIVETED OR BOLTED WITH VANDAL PROOF BOLTS.
- THE LETTERS SHALL BE PUNCHED OR STAMPED, SUCH STAMPING SHALL PENETRATE AT LEAST 1/2 THE BASE MATERIAL THICKNESS.
- THE BASE MATERIAL FOR THE PLAQUE SHALL BE BRASS OR ALUMINUM WITH A MINIMUM THICKNESS OF 0.100 INCHES.

5.0" width
 4" height
 A = 2/10"
 B = 3/10"
 C = 2.5/10"

LEGEND: BLACK (NON-REFL.) - STAMPED PRIOR TO PAINTING
 BACKGROUND: NATURAL ALUMINUM OR BRASS SURFACE

☐ - VARIES, SEE SIGNAL DRAWINGS FOR INTERSECTION NUMBER

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. 2
 SHEET NO. 127 OF 283

AS-BUILT REVISIONS

NO.	DATE	DESCRIPTION
1.	3/7/06	NOTES REVISED PER ADDENDUM #2

DATUM
 VERTICAL NGVD 1929
 HORIZONTAL NAD 1927

4/4/03