

TRAFFIC SIGNAL NOTES

A. NEW SIGNAL EQUIPMENT

1. ALL SIGNAL HEADS SHALL BE POLYCARBONATE AND HAVE A FLAT BLACK FINISH.
2. THE SIGNAL CONTROLLER SHALL BE ECONOLITE ASC-2S BRAND & THE CABINET WILL ALSO BE ECONOLITE BRAND AND HAVE A FLAT BLACK FINISH.
3. ALL SIGNAL HEADS SHALL HAVE RED, YELLOW, & GREEN, L.E.D. SIGNALS WITH A VISIBLE BEAM SPREAD OF 80 DEGREES OFF AXIS.
4. ALL SIGNAL HEADS FACING EAST/WEST DIRECTION SHALL HAVE BLACK LOUVERED BACK PLATES.
5. ALL SIGNAL STRAIN POLES, MAST ARMS, AND PED. EQUIPMENT SHALL HAVE A FLAT BLACK FINISH.
6. THE SIGNAL CONTROLLER SHALL MEET NEMA TS2, TYPE 2 STANDARDS.

B. SIGNAL OPERATION

1. SWITCH-OVER FROM EXISTING TO REPLACEMENT SIGNALS SHALL NOT BE DONE DURING PERIODS OF PEAK TRAFFIC. UNIFORMED TRAFFIC OFFICERS SHALL CONTROL TRAFFIC DURING SWITCH-OVER.
2. ALL NEW PED. SIGNALS SHALL HAVE AUDIBLES INSTALLED WITH THEM, BUT THEY SHALL NOT BE TURNED ON.
3. ALL SIGNALS SHALL DWELL ON THE VT 10A THRU MOVEMENT.
4. THE VT ROUTE 10A THRU PHASE SHALL BE USED FOR THE START-UP PHASE FOLLOWING FLASHING OPERATION.

C. PULLBOXES AND JUNCTION BOXES

1. PULLBOXES AND JUNCTION BOXES ARE DETAILED ON STANDARD E-173. IF A NEW JUCTION BOX NEEDS TO BE INSTALLED MINIMUM JUNCTION BOX SIZE SHALL BE 18" X 12" X 12", OR LARGER AS REQUIRED BY THE ELLECTRICAL CODE.
2. THE LOGO ON NEW PULL BOXES / JUNCTION BOXES SHALL BE "TRAFFIC SIGNALS".

D. TRAFFIC SIGNAL CONDUIT

1. ALL TRAFFIC SIGNAL CONDUIT SHALL BE PVC. ALL EXPOSED CONDUIT SHALL BE SCHEDULE 80, PVC.

E. VEHICLE DETECTOR LOOPS

1. SEE STANDARD E-172

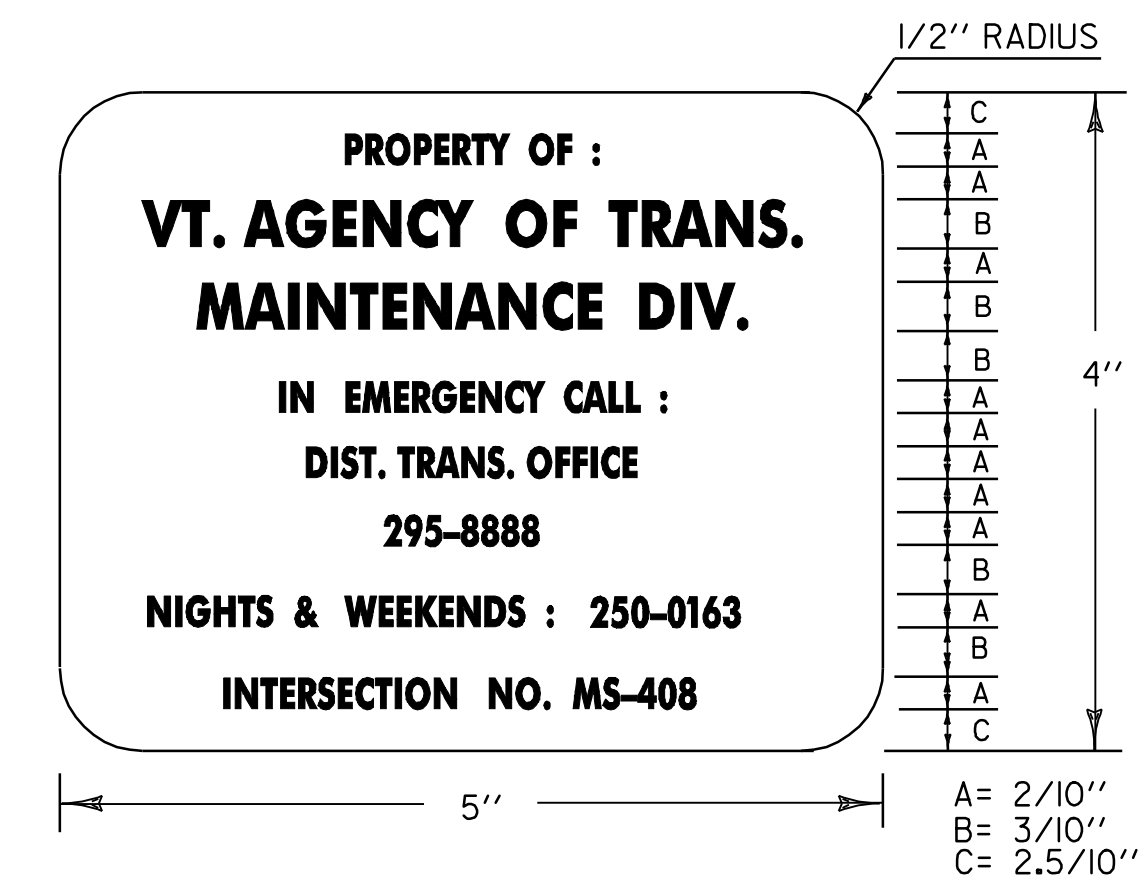
F. STREET LIGHTING

1. EXISTING TO REMAIN.

G. GENERAL

1. EXISTING STRAIN POLES, SIGNAL HEADS & ALL SIGNAL EQUIPMENT SHALL BE SALVAGED AND DELIVERED TO STATE OF VERMONT TRAFFIC SHOP ON THE BARRE MONTPELIER RD. IN BERLIN VT.
2. EXISTING PAVEMENT MARKINGS, JUCTION BOXS, AS WELL AS LOOP DETECTORS ARE TO BE UTILIZED.
3. A UNIFORMED TRAFFIC OFFICER SHALL DIRECT TRAFFIC WHEN ONE-WAY TRAFFIC EXISTS ON ANY APPROACH.
4. THE CONTRACTOR SHALL ACQUIRE ALL THE NECESSARY PERMITS AND MAKE ALL NECESSARY ARRANGEMENTS WITH THE UTILITY COMPANY TO PROVIDE A PERMANENT POWER SUPPLY TO THE SIGNAL AND STREET LIGHTING EQUIPMENT, IF APPLICABLE. THE ROUTING OF POWER TO THE INTERSECTION SHALL BE SUCH THAT THE STATE HAS FULL RESPONSIBILITY FROM THE METER DISCONNECT THROUGH THE SIGNAL. NO INTERVENING OWNERSHIP/ RESPONSIBILITY SHALL BE ALLOWED.

CONTROLLER IDENTIFICATION PLAQUE



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

NOTES:

- 1.) THE 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.
- 2.) THE LETTERS SHALL BE PUNCHED OR STAMPED, SUCH STAMPING SHALL PENETRATE AT LEAST 1/2 THE BASE MATERIAL THICKNESS.
- 3.) THE BASE MATERIAL FOR THE PLAQUE SHALL BE BRASS OR ALUMINUM WITH A MINIMUM THICKNESS OF 0.100 INCHES.

LIST OF MAJOR EQUIPMENT

EQUIPMENT ITEM # 678.15 (MOD.)	QUANTITY
STRAIN POLES	2
PEDESTRIAN POLES	1
POWER DROP STANCHION	1
NEW 12" TRAFFIC SIGNAL HEADS W/ TUNNEL VISORS, DISCONNECT HANGERS & MOUNTING HARDWARE	
A. ONE-WAY 3 SECTION	5
B. ONE-WAY 5 SECTION	2
GROUND CABINET/CONTROLLER	1
MAST ARM	3
BACKPLATES	5
NEW PED SIGNALS W/ AUDIBLES	2
REMOVAL OF EXIST. SIGNAL SYSTEM	1

TRAFFIC
SIGNAL
NOTES

PROJECT:
NORWICH
DESIGN FILE NAME: /traf/00c224/dc224.dgn
IPARM FILE NAME: dc224not.l
SURVEYED BY:
SQUAD LEADER: BTN

PROJECT NO.:
STPG 0170(3)S
PLOT DATE: 12-DEC-2008
SURVEY DATE:
DRAWN BY: WLG
SHEET: 3 OF 9