

TRAFFIC NOTES

A. NEW EQUIPMENT

1. ALL SIGNAL HEADS MOUNTED ON THE MAST ARM SHALL BE POLYCARBONATE.
2. ALL TRAFFIC SIGNAL INDICATIONS SHALL BE LEDS.
3. CONTROLLER SHALL BE TS2 AND BE ECONOLITE.
4. THE CONTROLLER SHALL BE EQUIPPED WITH A PULL-OUT SHELF CAPABLE OF SUPPORTING A LAPTOP.
5. A DISCONNECT BREAKER FOR EACH CIRCUIT SHALL BE INSTALLED ON A STATION NEXT TO OR BELOW THE METER SOCKET. CONSIDER USING OPTION *2 ON STD E-175.
6. A LAPTOP COMPUTER SHALL BE PROVIDED AS PER THE SPECIAL PROVISIONS

B. SIGNAL OPERATION

1. THE SIGNAL SHALL DWELL ON THE MAIN STREET MOVEMENT (PHASE 2 & 6).
2. THE MAIN STREET PHASE (2 & 6) SHALL BE USED FOR THE START-UP PHASE FOLLOWING FLASHING OPERATION.

C. JUNCTION/PULL BOXES

1. JUNCTION/PULL BOXES ARE DETAILED ON STD E-173. MINIMUM JUNCTION BOX SIZE SHALL BE 18" X 12", OR LARGER AS REQUIRED BY THE ELECTRICAL CODE.
2. THE LOGO ON BOXES SHALL BE 'SIGNAL'.

D. TRAFFIC SIGNAL CONDUIT

1. ALL TRAFFIC SIGNAL CONDUIT SHALL BE PVC.
2. MINIMUM CONDUIT SIZE SHALL BE:
 - 1 1/2" FOR LOOP LEAD-INS;
 - 2" FOR ALL OTHERS OR AS SHOWN ON PLANS
 SEE CHART ON STD E-172 FOR DESIGN VALUES
3. THE OPEN CUT FOR BITUMINOUS CONCRETE PAVEMENT REQUIRED TO PLACE THE 6" PVC ELECTRICAL CONDUIT SLEEVE SHALL BE PERFORMED USING THE VERMONT STANDARD SHEET D-20. A SAWCUT SHALL BE PERFORMED IN THE EXISTING PAVEMENT SURFACE PRIOR TO EXCAVATION. PAYMENT WILL BE CONSIDERED SUBSIDIARY TO ITEM 405.25. THE BITUMINOUS CONCRETE PAVEMENT SHALL BE PLACED SUBSEQUENT TO THE INSTALLATION OF THE 6" PVC ELECTRICAL SLEEVE AND BACKFILL WILL BE UNDER ITEM 406.25.
 - 1-1/2" WEARING COURSE, TYPE III; LEVELING COURSE, TYPE III OR IV (AS DIRECTED BY RESIDENT ENGINEER)
 - 4" BINDER COURSE, TYPE III OR IV (AS DIRECTED BY RESIDENT ENGINEER)
 - 3" BASE COURSE TYPE I

E. STREET LIGHTING

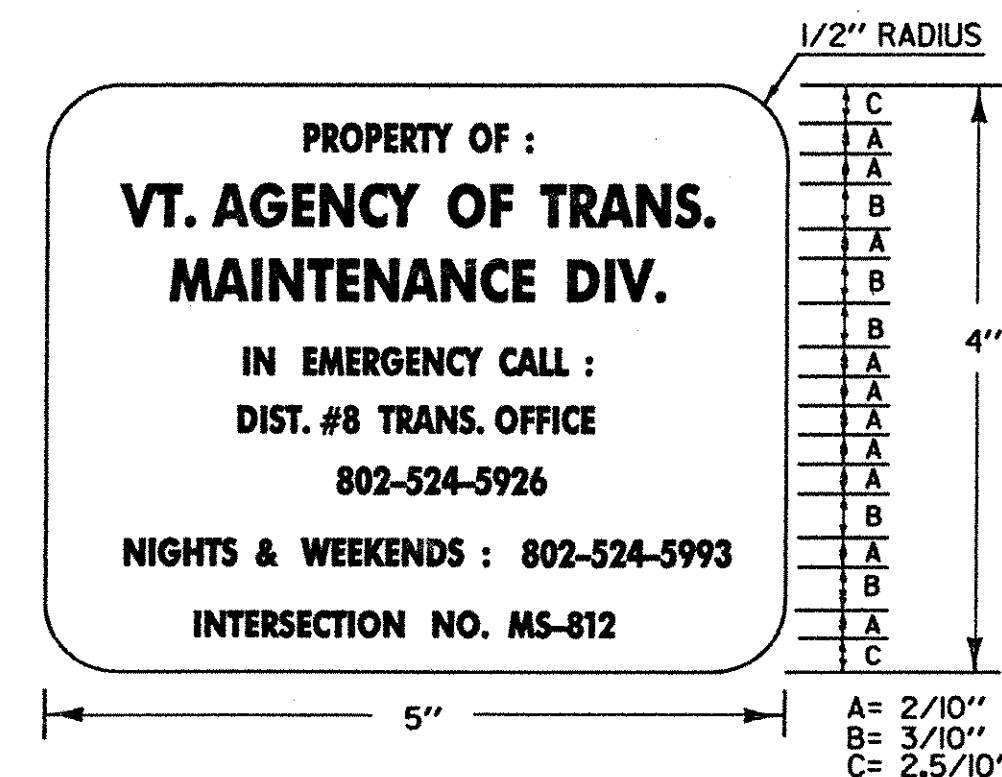
1. THE MAST ARM POLE SHALL HAVE A 250 WATT HIGH PRESSURE SODIUM LUMINAIRE AS SHOWN ON THE PLANS, INSTALLED WITH A 34' +/- MOUNTING HEIGHT ABOVE THE EDGE OF PAVEMENT WITH 15' ARM. THE LUMINAIRE SHALL HAVE THE MEDIUM CUTOFF DISTRIBUTION SHOWN ON THIS SHEET.
2. PAYMENT IS SUBSIDIARY TO ITEM *678.15

F. GENERAL

1. THE CONTRACTORS SHALL ACQUIRE ALL 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 TRANSFORMER THROUGH THE SIGNAL. NO INTERVENING OWNERSHIP/RESPONSIBILITY SHALL BE ALLOWED.
2. AN ID PLAQUE AS DETAILED ON THIS SHEET SHALL BE AFFIXED TO THE CONTROLLER.

PHOTOMETRIC DATA TO BE INCLUDED IN CONTRACT PLANS

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.

PHOTOMETRIC DATA

NEW LUMINAIRES ON THE MAST ARM POLES NEED TO BE OF THE TYPE SHOWN OF PHOTOMETRIC CURVE * 7356.

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