



WHEN INSTALLING CONCRETE BASES IN ANY V LEDGE CUTS, SHATTERED AND POSSIBLE SOLID LEGS MAY BE ENCOUNTERED. THE CONTRACTOR SHOULD BID THIS WORK RESPONSIBLY. SOME MAY BE ENCOUNTERED AT STATIONS 80.910 AND 81.7 AND MAY INVOLVE AS SHOWN LIGHT LOCATIONS.

IN AREAS WHERE THE SIDE SLOPE IS 1-3 OR FLATTER AND NO CURB OR RAIL EXISTS THE PROPOSED OFFSET FROM EDGE OF SHOULDER TO CENTERLINE OF CONCRETE BASES IS 6 FEET.

AT EXIT-10, LIGHT POLES 06 AND 07 SHALL BE INSTALLED 6 FOOT FROM EDGE OF SHOULDER, V.F. ROUTE 100. ALL OTHER LIGHTS AT EXIT-10 TO BE INSTALLED 4 FOOT FROM EDGE OF SHOULDER OR FACE OF CURB OR RAIL.

WORK TO BE PERFORMED BY GREEN MOUNTAIN POWER CORP.

1. PROVIDE TWO POWER DROPS, ONE AT STATION, VT.-100, 7+10 LIGHT FROM EXISTING POLE, S.N.P. # 84. THE SECOND AT THE VT.-100, STONE STREET INTERSECTION AT EXISTING POLE, S.N.P. # 02.

2. PROVIDE A 120/240 VOLT, SINGLE PHASE, 3 WIRE DISTRIBUTION SYSTEM AT BOTH LOCATIONS.

NOTIFY CHARGES FOR THE METERED STREET LIGHTS SHALL BE BILLED TO THE DISTRICT TRANSPORTATION ADMINISTRATOR, JOSEPH LANSKY, P.O. BOX 807, MONTPELIER, VT. 05602.

- THE CONTRACTOR SHALL PERFORM THE FOLLOWING WORK AT THIS LOCATION:
- PERFORM AN INSULATION TEST ON ALL CONDUCTORS EXCEPT THE GROUND CONDUCTOR (INCLUDING NEUTRAL, DISCONNECT FROM GROUND BEFORE TESTING). PERFORM A RESISTANCE TO GROUND TEST AT SPECIFIED SPACINGS. SEE VERMONT STANDARD SPECIFICATIONS 679.08. FURNISH THE TRAFFIC AND SAFETY SECTION VIA THE RESIDENT ENGINEER THE READINGS OBTAINED FROM THE ABOVE TESTS.
 - INSTALL A MOUNTING CABINET WITH METER SOCKET, MAIN DISCONNECT AND INDIVIDUAL CIRCUIT BREAKERS. THE MOUNTING CABINET TO BE INSTALLED ON A SERVICE DROP POLE OR AS PER PLAN. INSTALL POLE SIZES, WEATHERHEAD AND NECESSARY WIRING AND CONDUIT.
 - AT EACH POLE LOCATION, INSTALL A CONCRETE POLE BASE, ALUMINUM POLE, LUMINAIRE ARM, LUMINAIRE, BREAKAWAY FEATURE (IF REQUIRED), WIRING, WATERPROOF DISCONNECT KITS AND CONDUIT SHEEPS.
 - INSTALL CONDUIT, SIZE, TYPE & LOCATION AS NOTED ON THE PLAN.
 - INSTALL PULLBOXES WITH CONDUIT SHEEPS AS PER PLAN.
 - INSTALL ALL WIRING IN THE SECONDARY CIRCUITS, SIZE AND TYPE AS PER PLAN AND/OR SPECIFICATION.
 - INSTALL 2" RIBBON PLASTIC OR STEEL PIPE SLEEVES BY JACKING, ALIGNED ON TRENCHING AS PER PLAN. (SEE SPECIAL PROVISIONS)
 - INSTALL SHEEPS WITH PLUGS IN CONCRETE POLE BASES AND/OR PULLBOXES FOR FUTURE USE AS PER PLAN.
 - INSTALL METAL TAGS TO THE LIGHT POLES WITH THE INFORMATION AS NOTED AND DETAILED ON THE PLAN.
 - INSTALL PADLOCKS (MASTER PADLOCK 6388) ON ALL MOUNTING CABINETS. KEYS TO BE GIVEN TO THE DISTRICT TRANSPORTATION ADMINISTRATOR IN THE HIGHWAY DISTRICT WHERE PROJECT IS LOCATED.
- ALL THE ABOVE WORK WHICH IS NOT PAID FOR UNDER A SEPARATE ITEM NUMBER, SHALL BE PAID FOR UNDER ITEM 679.15 STREET LIGHTING.

- LEGEND**
- PROPOSED STREET LIGHT AND (C)
 - PROPOSED PULLBOX
 - PROPOSED SLEEVE
 - PROPOSED CONDUIT
 - ⊕ EXISTING UTILITY POLE AND POWER DROP
 - ⊙ EXISTING WOOD LIGHT POLE WITH POWER DROP.

THE POWER DROP POLE TO BE AT LEAST 10 FEET FROM EXISTING G.M.P.#4. (TYP. ALL LOCATIONS.)

STREET LIGHTING LAYOUT AND NOTES

OCT 28 1994

0' 100' 200' SCALE IN FEET

I-89, EXIT-10, WATERBURY

PREPARED BY RRD DATE _____
 CHECKED BY _____ DATE _____
 DESIGN SUPERVISOR ds DATE _____

STATEWIDE IR LITE (I)
 R.O.W. SHEET 4 OF 4