**Cabinet Installation Details**

**NEW CONTROLLER CABINET**

**EXISTING CONTROLLER CABINET**

**POLE MOUNTED CABINET**

**BASE MOUNTED CABINET**

**POLE MOUNTED CABINET**

**BASE MOUNTED CABINET**

**Notes:**

1. The number, size and orientation of conduit sweep will vary according to site condition or locations. Two spare 2" PVC conduits shall be provided in all bases. The spares shall exit in the direction of the center rear of the cabinet base, into a pullbox and capped with a weatherproof fitting. If obstructions prevent the spare conduit from exiting to the rear, or the rear of the cabinet is located on the R/W line, a side exit of the spare conduits will have to be approved by the project engineer. All spare conduit sweeps shall be capped with a weatherproof fitting.

2. Meet all grounding requirements of the Standard Specifications 620.

3. New Controller Cabinet installation shall meet the requirements of the Standard Specifications 676.

**POLE MOUNTED CABINET**

**BASE MOUNTED CABINET**

**Notes:**

1. Existing controller cabinets to be retrofitted shall meet the requirements of the Standard Specifications 678.


For Generator Power for Signalized Intersection