1. All electrical materials and workmanship shall conform to the latest requirements of the NEC, NFPA or CSA where applicable, any state and local codes or ordinances which may apply, and the following:

- It is the contractor's responsibility to obtain a power source.
- The contractor is to provide all necessary wiring within the beacon and from there to the power source. The utility company will make the connection with the contractor's wiring.

2. The electrical service between a remote power source and the flashing beacon shall be underground or aerial dropped as authorized by the engineer.

3. Power is supplied by solar panels, the solar panels and power box shall be mounted on a separate post just clear of the road and shall face away from traffic. 

4. The sign panel shall be housed in a suitable enclosure on the utility pole at the power source unless the engineer directs otherwise. The enclosure shall be mounted on the power pole or that the device may be contained within the sign itself.

5. A suitable enclosure for the flasher shall be provided, constructed of a minimum of 8 inches x 8 inches x 4 inches with a flashed screw attached cover. It shall be finished from not less than 1/8 inch galvanized steel sheet metal.

6. A suitable medium to suppress interference and to provide a photocell type signal lamp dimmer shall be provided for each flashing beacon.

7. If automatic or manual mechanism for turning the flasher, approved by the engineer, is to be provided, if the field condition does not warrant the use of the sign, the flashing beacon shall be turned off and the sign shall be covered with the appropriate material, as approved by the engineer, so it's not facing traffic.

8. timber posts shall be in accordance with section 614 of the standard specifications as to size, alternate size, grades, species, treatment, and breakaway holes.


10. Signs mounted on the median of divided highways where median barrier is in place shall not use a mounting that "straddles" multiple barriers. They may be mounted on a single barrier with a "suitable type bracket" if the bracket allows the sign panel to be turned parallel to the roadway, the sign may remain in place when not applicable, but laying the sign panel down in a horizontal position is not permitted. All other signs that are not in use shall be removed from the shoulder and clear zone. Color panels shall not be placed on top of barrier or within a median.

11. Backing jet panel attachment is not required if used, see Colorado Standard Plan S-630-3.