NOTES:

1. All service and load side conductors, breakers and other components shall be the minimum indicated. These ratings are based on typical applications; actual loads may require higher ratings, including the lighting controller.

2. As shown, there are two types of cabinets. The Type I includes roadway lighting control circuitry, components including a photoelectric cell and the Type II does not include any of the lighting control circuitry. The Type II should only be used when the roadway lighting control is within the traffic signal cabinet or it is not needed no lighting, now or in the future.

3. All wiring and components shall be rated for 600 volt operation except as noted. The lighting control and photoelectric cell shall be UL or equivalent independent test lab listed and rated for 208 VAC operations.

4. The main bus bar shall have a minimum of 12 positions.

5. All live electrical components shall be protected by removable dead front panels.

6. Conductors within the cabinet shall be continuous without splice. The copper conductor shall be run continuously from the service neutral bus through the cabinet load side bus.

7. All ground rods shall have at least 8 ft of their length in direct contact with the soil. If this is not possible, then consult with NEC 250.52 - 250.54 for approved solutions. All ground clamps shall be suitable for direct burial. The use of exothermic weld is a suitable alternative to a clamp.

8. All circuit breakers shall be permanently labeled per their circuit assignments shown on the project plans.

9. The cabinet and all components shall meet all of the applicable EUSEC and serving electrical utility requirements. The contractor shall verify all such requirements prior to ordering and installing equipment.

10. If service exceeds 100 amp, then see NEC Tables 250.84 and 310.2(H)(6) for conductor requirements.

11. The main breaker for the signal circuit shall always be higher than the breaker in the traffic signal control cabinet. The contractor shall verify this.