

## **PART 11 – TRAFFIC-CONTROL SIGNALS**

### **11.01 APPROVALS, PERMITS, AS-BUILTS AND MAINTENANCE BONDS**

- A. Plans and specifications for traffic-control signals must be certified by a professional engineer registered in the State of Iowa.
- B. Plans and specifications for traffic-control signals must be reviewed and approved by the City Engineer prior to construction.
- C. Other local, state and federal permits may be required, depending on the circumstances. It shall be the responsibility of the Engineer of Record to acquire all applicable permits. A copy of all permits shall be provided to the City Engineer before construction.
- D. The Engineer of Record is responsible to submit "Record of Construction" drawings to the City Engineer on reproducible vellum or Mylar and a digital base map in an AutoCAD file or other approved electronic format.
- E. A 4-year maintenance bond covering defective materials and workmanship is required for all traffic-control signals.

### **11.02 DESIGN**

- A. Warrants for traffic-control signals shall be as defined in the Manual on Uniform Traffic Control Devices, current edition.
- B. Design of traffic-control signals shall comply with the requirements of the "Manual on Uniform Traffic Control Devices", current edition, except as noted below.
- C. The minimum lens size shall be 12 inches.