

**LIST OF SUPPLEMENTAL SPECIFICATIONS
AND SPECIAL PROVISIONS**

Name	No.
Maintenance & Protection of Traffic	SP-762-3 & 5
Legal Relations & Responsibility to Public	SP-107-5
Highway Lighting & Traffic Signals	SP-777-8

NOTES: (ELECTRICAL)

1. Minimum horizontal and vertical clearance distance between light and/or signal standards and power lines shall be as shown for the following power line voltages:

Power Line Voltage	Horizontal Clearance	Vertical Clearance
300-8700	3 ft.	8 ft.
8700-15,000	8 ft.	8 ft.
15,000-50,000	10 ft.	10 ft.
50,000 Plus	10 ft.+0.4 in/Kv	10 ft.+0.4 in/Kv

2. **MAINTAINING ACCESS:** The Contractor will be responsible for providing access to all residential dwellings and business establishments adjacent to this project. Final details on location of access points and construction procedures shall be worked out with the Engineer in the field prior to the start of the project.

3. **UTILITIES:** The Contractor shall contact the local utility companies for the locations of utilities prior to beginning construction.
Separate plans, if any, showing utilities relocations or adjustment work to be performed by the utility companies to accommodate highway construction will be made available to the Contractor upon request to the Engineer.
4. **FLAGMAN:** When the Contractor must encroach onto the driving lanes, he must provide flagman and flagman signs to safely move traffic.
5. **ADVANCE WARNING SIGNS:** The Contractor shall install advance warning signs during those times that construction is being performed and when any hazard exists. All work areas shall be barricaded and delineated during the time they are a hazard.
6. **WORK SCHEDULE:** In order to minimize interference with traffic operations, a detailed schedule (including construction signing) shall be agreed to prior to beginning work, between the Engineer, Contractor, utility companies and Sub-Contractors, if any.
7. **CONTRACTOR COORDINATION:** During the construction of this project, the grading Contractor will be working in some of the same areas. The Contractor of this project shall coordinate his construction activities so as to minimize interference with other work being performed.
8. **PHOTO CELL:** The Contractor shall install a photo cell in the lighting feed point cabinet, facing north near the top of the cabinet.
The photo cell shall have a 3 to 5 minute time delay switch.
The photo cell installation shall not be bid separately, but shall be included in the price bid for "Feed Point".

9. **LIGHT STANDARD FINISH:** The light standards shall be galvanized.
10. **BREAKAWAY LIGHT STANDARDS (RURAL SECTION):** The breakaway light standards shall have a shaft length of 42' from top of foundation to the bottom of the luminaire.
11. **MULTIPLE CONDUCTOR:** Multiple conductor placed in cable trench shall not require the 3' slack.
12. **LIGHT STANDARDS:** The light standards shall be designed for 6' or 12' mastarms as shown in the plans. The high pressure sodium vapor luminaires on circuits A-1, A-2, B-1, B-2, C-1, & C-2 shall be operated on 240 volts.
The high pressure and sodium vapor luminaires at stations 1+34-48'Rt. & 2+20-45' Lt. shall be operated on 120 volts.
13. **FEED POINT:** Standoff brackets and meter sockets shall be installed.
14. **LIGHT STANDARDS:** The new light standards shall be of the davit type and bases shall be breakaways.
15. **CITY FUNDS ONLY:** City Funds to pay one quarter (1/4) the cost of the Multiple Underground Conductor.
16. **MAINTENANCE AND PROTECTION OF TRAFFIC:** The stock of signs shown on the plans need not be on the project, but should be available for use when needed. Those signs shown on the project layout sheet shall be installed before work is started.

TRAFFIC CONTROL SYSTEM
NOTES