

**STREET LIGHT CIRCUIT GROUND UNIT**  
**(UNDERGROUND SYSTEM)**

I. Quantity

The base bid shall include the number specified of street light circuit ground units furnished and installed as hereinafter specified.

II. Material

- a. Ground Rod - The ground rod shall be 1/2" x 10' copperweld.
- b. Ground Rod Clamp - The ground rod clamp shall be an approved equal to Blackburn #JAB 1/2H or Joslyn #J8591H.
- c. Ground Wire - The ground wire shall be #6 solid soft drawn bare copper wire.

III. Installation

- a. The ground rod shall be driven approximately one foot from the pole or foundation to a depth 6" below final grade.
- b. On grounded circuits the ground wire shall be connected to the circuit ground using a compression connector.
- c. On metal poles the ground wire shall be fastened to the pole grounding lug and connected to the ground rod.

IV. Quotation

The street light circuit ground unit furnished and installed as hereinbefore specified shall be quoted as a unit price each in the appropriate place of this document.