

POST TOP ALUMINUM LIGHT POLE
WITH "BELL STYLE" T-BASE 13'3" MH

I. Quantity

The base bid shall include the indicated number of aluminum poles furnished and erected as hereinafter specified and located as shown on the drawings.

II. Material

The aluminum poles shall be as follows:

The street light pole shall consist of a round, tapered, spun aluminum shaft having a base welded to the lower end, complete with bolts and a "bell style" T-Base. The pole shall have a 3" tenon to mount the post top luminaire. The complete unit shall be designed for wind loading of at least 100 M.P.H.

The transformer base shall be approximately 15-1/2" high and 13-1/8" diameter at the bottom. The door opening shall be approximately 7-1/4" x 7-1/2". The door shall be attached to the base with a vandal resistant fastener. The fastener shall be placed at the top of the door. The door shall be held in place with a tamper resistant fastener at the bottom. Each base shall be provided with four (4) 1"-8NC galvanized steel anchor bolts, four (4) 1"-8NC galvanized steel hex head nuts, four (4) 1" galvanized steel lockwashers, and four (4) 1" galvanized steel flatwashers.

A 1/2"-13 UNC tapped hole shall be provided for grounding lug. The shaft shall have no longitudinal or circumferential welds except at the lower end joining the shaft to the base.

Four (4) 1"-8NC galvanized steel anchor bolts, AASHTO M314-90 Grade 55, galvanized per ASTM A153, each fitted with a hex nut, shall be furnished with the poles. Each anchor bolt shall have a 3" "L" bend at the bottom end and be threaded at the top end. Threaded ends and all nuts shall be galvanized. All hardware (bolts, nuts and washers - but not including anchor bolts) not otherwise specifically designated in this specification, shall be aluminum or stainless steel (at the option of the supplier).

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All aluminum surfaces on the pole and transformer base shall be rotary sanded to a

satin ground finish. The finish paint for the shaft and transformer base shall be a satin black. The finish shall be electro-statically applied polyester or urethane powder coat, oven cured and bonded at approximately 400°F, to a dry film thickness of 2-4 mils.

Shaft and transformer base shall be tire-wrapped with a heavy water resistant paper or an approved equal for protection during shipment and installation.

The complete pole shall be an approved equal in design, quality and performance to Hapco Company 77-004MOD.

III. Installation

The poles and bases shall be set on the foundations and securely anchored to the anchor rods so that the handhole is at right angles to the curb. Bases shall be properly plumbed by means of shims.

IV. Quotation

The aluminum poles furnished and erected as hereinbefore specified shall be quoted on as a unit price each in the appropriate places of this document.