

Baptist Scale Low Mast Light Pole Replacement

New Pole

Provide and install new pole in the same location as the previous pole

- 50' galvanized steel pole rated for 120 mph wind zone
- Breakaway T-base, anchor bolts and template
- LD mounting hardware
- Lowering cable
- 600 volt HYPALON connector block
- Bell housing
- Modular DOT plug breakaway system

New Light Fixture

Provide and install 2 new light fixtures on the new pole.

Two luminaires are to be installed on the pole. Each luminaire shall meet the following specifications. The complete luminaire shall be a GE TURNPIKE luminaire, catalog ordering number logic RPF540S5A1GLN4GRGFU or equivalent. The luminaire is to operate one 400 watt high pressure sodium (HPS) lamp from a nominal 480 volts, 60 Hz power source and shall be capable of starting and operating the specified lamp within the limits specified by the lamp manufacturer.

The luminaire shall include a heavy-duty die-cast aluminum housing with an electrocoat gray paint finish, hinged and removable front access door assembly with borosilicate glass lens, environmentally protected external hardware and built-in aiming indicator. The luminaire shall have a standard steel trunnion mounting with built-in aiming degree marker.

The ballast shall be prewired to the lamp socket and terminal board and there shall be a plug-in type ignitor for high pressure sodium fixtures. The luminaire and ballast shall be from the same manufacturer.

The optical assembly shall be sealed with a gasket around the perimeter of the front access door, contain an activated charcoal filter and include a formed aluminum reflector and heat/impact-resistant clear flat door glass. The reflector shall have a chemically bonded lightweight non-breakable finish on both inside and outside surfaces providing corrosion resistance, durability and ease of cleaning. The socket shall have sufficient insulation to handle the higher pulse rating of newer HID systems.