

Street Light Foundation Solutions



Anchor Bolt Set

Anchor bolt sets are available with 1/2" through 2" diameters with various lengths. All sets are hot dip galvanized and include all hardware.



Anchor Bolt Template

Anchor bolt templates are tools used to set anchor bolts in concrete. Pelco's anchor bolt template is capable of 41 different bolt circle patterns from 5.5" through 25.5". The template accepts up to two 2" conduits and multiple smaller conduits at one time. Simply select proper bolt circle and drill anchor bolt holes approximately 1/8" larger than anchor bolt diameter.



Welded Anchor Bolt Cage

Welded to specific light pole bolt circles, eliminating the need for templates. All are hot dip galvanized and include hardware.



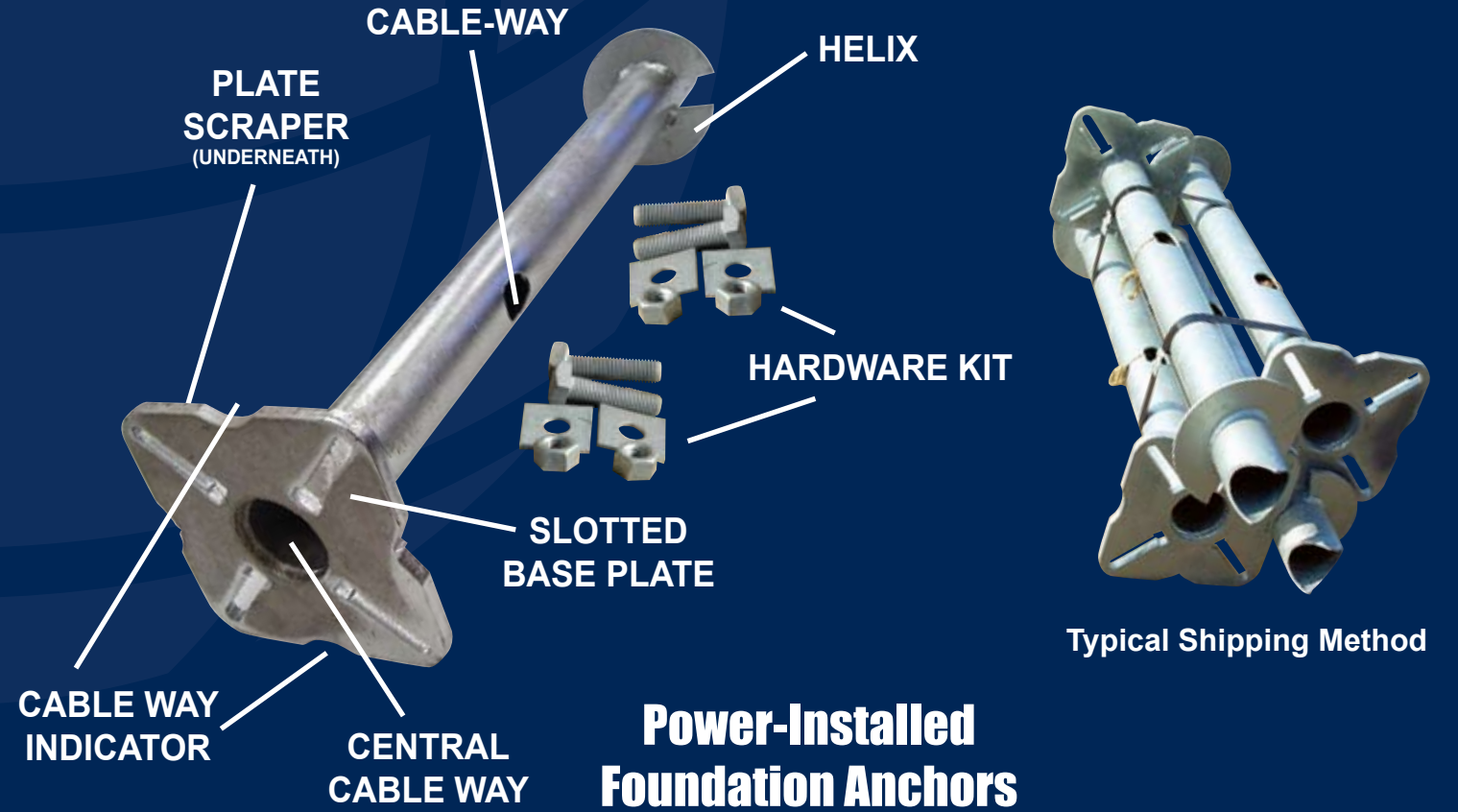
Driver Adapter

Required to connect the Kelly Bar Adapter to the foundation anchor for installation.



Leveling Shims

Leveling shims are available in two degrees of thickness, 1/16" x 2" x 2" and 1/8" x 2" x 2". All shims are hot dip galvanized.



Power-Installed Foundation Anchors



Typical Shipping Method



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The Most Economical, Efficient
and Hassle-Free Foundation
System Available

INNOVATION • QUALITY • SERVICE

Foundation Anchor Advantages

Economical

- No Concrete Required
- Smaller Crew:
Higher Production Rate
- Immediate Pole Mounting
- No Hole Digging
- Installation in Minutes

Hassle-Free

- No Advance Site Preparation
- Clean Installation: No Excavation
- Simplified Storage and Transportation
- Bolts Directly to Foundation Base:
Eliminates Problems of Misaligning
Anchor Bolts
- Plate Scrapers Loosen the Soil for
Easy Bolt Installation



Pelco Products Power-Installed Foundation Anchors install quickly and efficiently. They provide an economic advantage over the traditional methods by reducing the cost of labor, equipment, materials and most importantly, time. Our Power-Installed Foundation Anchors can be installed in minutes and typically require only a two-man crew. Without any excavation, the foundation anchors can be driven through most soils and blacktop surfaces. Our engineered designs allow for all associated loads, such as wind and weather-resistance, compression and uplift. Foundations and hardware are hot dip galvanized per ASTM A-123.

Installation Steps

Pelco's Power-Installed Foundation Anchors require less equipment and reduced labor. They are installed by the use of a common construction vehicle with hydraulic rotary equipment and a conventional Kelly Bar. The installation tool consists of a driver adapter, which features several hole patterns to accommodate various bolt circle diameters (that range from 9" to 13"), that is fastened onto the Kelly Bar Adapter. To view our online instructional video please visit www.pelcoinc.com.



Remove the Kelly Bar from the auger.



Pin the Kelly Bar Adapter to the Kelly Bar. Then bolt the Universal Drive Adapter Plate onto the Kelly Bar Adapter to create the installation assembly.



Stand the foundation anchor upright and prepare to attach the installation assembly.



Bolt the installation assembly onto the foundation base plate using two anchor bolts, supplied in the Foundation Anchor Hardware Kit.



Insert the point of the foundation anchor into the ground and apply downward pressure to the foundation, rotate in a clockwise direction.

Installation Steps

The high-strength steel helix acts as a screw thread during installation, distributing the up-lift and compression forces. Without excavating to depth, the installation compacts the surrounding soil without removing any significant volume below grade.



Using a carpenter's level, plumb the foundation when the tip of the foundation anchor is approximately 1' into the ground; and then again at 3' into the ground.



When the base plate is flush with the ground's surface, verify proper cable-way alignment; then remove installation assembly.



Pelco's unique plate scraper allows the bolt head to be inserted from the top of the plate, which eliminates the need of digging underneath to install the anchor bolts.



The base of the light pole is attached to the foundation anchor with the Hardware Kit. Leveling shims may be required to level pole.



Installation is complete.