

*Parking • Area • Site*

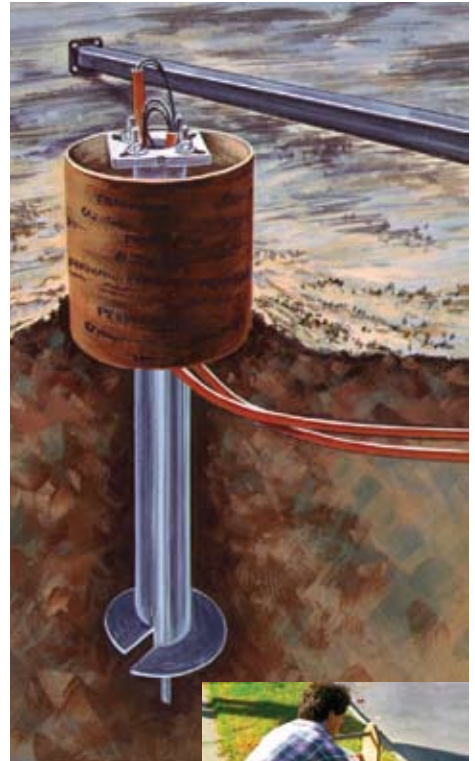
# LIGHTING FOUNDATIONS



**CHANCE**™  
DOWN. RIGHT. SOLID.

# Economical, No Site Preparation, Versatile

**Be more profitable and meet your customers' concerns. Immediacy of low-cost installation delivers a total product with performance that builds your reputation.**



**S**pecifically designed for above-grade and on-grade mounting of parking-area/site lighting standards, these non-extendable foundation anchors have high-strength pipe shafts to resist bending moments and substantial installing-torque ratings.

They often can be installed through macadam surfaces.

### One-trip convenience cuts costs and saves time!

For immediate installation of a luminaire foundation, a steel anchor screws in place by hydraulic rotary equipment mounted on common construction vehicles. For quick wiring, a cableway is precut in the pipeshaft.

This pre-engineered system is based on more than 80 years of earth-anchor research and development by ISO 9001-certified manufacturer A.B. Chance Company, Centralia, Missouri, which also markets to electric utilities, telecommunications and pipeline industries worldwide.



Select from three lengths (5-, 8- or 10-ft.) in two sizes:

- 6<sup>5</sup>/<sub>8</sub>-inch O.D. Shaft with 12-inch diameter Helix or
- 8<sup>5</sup>/<sub>8</sub>-inch O.D. Shaft with 14-inch diameter Helix

Selections listed at right are with variable bolt-circle base plates. Bolts, nuts and washers are included. For other combinations of bolt circles, base plates, shaft sizes and lengths, consult factory or your distributor.

**Maximum installing torque ratings:** 6<sup>5</sup>/<sub>8</sub>" O.D. shaft rated for 15,000 ft.-lb.  
8<sup>5</sup>/<sub>8</sub>" O.D. shaft rated for 20,000 ft.-lb.

### Specifications for all foundations listed below include:

- 1 in. x 12 in.-square Base Plate with 4-bolt variable Bolt Circle\*
- Four 1 in. x 4 in. Grade 5 Carriage Bolts with nuts and washers
- 2<sup>1</sup>/<sub>2</sub> in. x 18 in. Cableway on shaft • All hot-dip galvanized to ASTM A153

Foundation Overall Length	Catalog Number		Distance from Bottom of Base Plate to Top of Cableway
	6 <sup>5</sup> / <sub>8</sub> " Shaft, 12" Helix, *8"-14" B.C.	8 <sup>5</sup> / <sub>8</sub> " Shaft, 14" Helix, *9 <sup>1</sup> / <sub>2</sub> "-14" B.C.	
5 feet	T112-0563	T112-0566	18 inches
8 feet	T112-0564	T112-0567	48 inches
10 feet	T112-0565	T112-0568	48 inches

# Power Installs, Even Through Pavement

## To place an elevated light standard:

Halt penetration of the foundation at the proper depth to achieve the base height desired. After feeding the power conduit through the cableway and out the baseplate, a tube-type form may be used to encase the exposed shaft in a poured-concrete barrier, as with other methods.

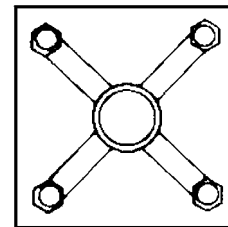
## Quick and easy, installation by the same equipment as other methods

To place a light standard on grade, simply drive the foundation to full depth. Then excavate to the cableway in the side of the foundation and insert the power conduit up through the baseplate.



## Made for mounting in minutes, to match popular base designs

Typical above-grade example: 6<sup>5</sup>/<sub>8</sub>-inch x 10-ft. foundation is designed for loads of a 39-ft. standard with four shoebox fixtures. Performance meets or exceeds concrete foundations.



## Variable bolt-circle baseplate

For fast bolt-up, slotted baseplate mates with most light standards.



## Often installs in 10 minutes, with the pole up in less than an hour!

Without excavating to depth, a Chance foundation anchor can be driven through most soils and blacktop surfaces. The welded spiral plate (a true helix) acts as a screw thread during installation and a load-bearing member in place. Installation compacts the surrounding soil but does not remove any significant volume below grade.

By design, the foundation resists all associated loads: Wind, compression, uplift. If required, the foundation can be withdrawn by the same method as installed and reused.

To readily adapt equipment already used for placing this type of lighting, select from tools below based on torque requirements and limitations.

## Installing Tools

Catalog No.	Max. Torque	Weight
C303-0139	10,000 ft.-lb.	18 lb.
C303-0684	20,000 ft.-lb.	30 lb.

For attachment to a torque motor directly or via a torque-indicating device, 10,000-ft.-lb. tool has 5<sup>1</sup>/<sub>4</sub>" bolt circle (B.C.) for six 1/2" bolts; the 20,000-ft.-lb. tool has a 7<sup>5</sup>/<sub>8</sub>" B.C. for twelve 5/8" bolts.

# A Variety of Applications

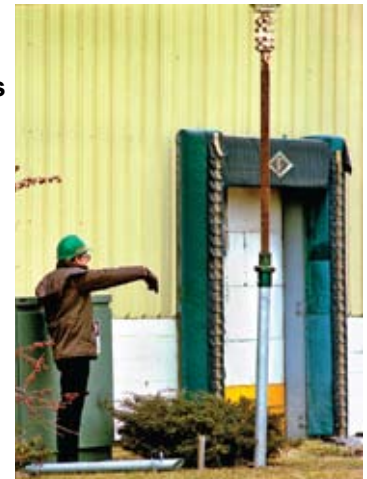
**Share in the real payoffs – as other enterprising innovators have in these examples and more!**

**T**ell us your application idea and we'll help you develop the proper foundation design. You can bank on getting the quick and easy advantages pre-engineered into the sampling shown here. Our engineering staff draws on decades of skillfully applying our extensive soils data bank and testing resources to many practical foundation uses.



**Telephones, road signs, protective bumper posts**

“Off-the-shelf” adaptations of our instant foundations have been developed for these special applications.



**Decorative and nostalgic lights**

(Left and top right) Gain the speed and reliability of our foundations to help you capitalize on this continuing retro-trend.



**Padmounted power gear, phone cabinets and protective bumper posts**

Years of experience have proved the cost benefits and performance built into the foundations designed specifically for these uses.

**CHANCE**  
Civil Construction

**CHANCE™** Since 1912 DOWN. RIGHT. SOLID. | **ATLAS™** CHANGING HISTORY

[www.abchance.com](http://www.abchance.com)

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