

CHANCE[®]

Streetlight Foundations

Reprinted from CHANCE TIPS

Vol. 53, No. 3, October 1992

Renovation Includes Steel Area-Lighting Foundations

Downtown gets new look with help from Chance foundations



by: **Mike West**
Line Foreman
City of Centralia, Missouri

Many cities and towns have recently undergone downtown face lifts. Centralia, Mo., home of the A. B. Chance Company, is an attractive example.

During 1983, city officials began plans for a major downtown renovation to improve sidewalks, curbs, and lighting. Project work began in 1988.

We have already installed 68 of the 134 lights and foundations we will eventually place. Eleven blocks in the downtown area will eventually have the new lights, walks and curbs installed.

While installing foundations, we used a three-man crew with actual foundation installation taking about 10 minutes per foundation. The crew consisted of an installing-truck operator, a crew member to plumb the galvanized steel foundations, and another crewman to monitor the distance of each foundation from the

curb to ensure a straight line in relation to the curbs and other light locations. Using this method, we were able to keep each foundation within plus or minus 1/8" of our center line.

Our work method is to install five or six foundations. We then install the required conduit for these foundations and pour the concrete. We return the following day to mount the area-lighting standards.

Typical foundation installing torque is 4,000 ft.-lbs. The highest installing torque we reached during the installation was 8,000 ft.-lbs

The only obstacle we encountered during the installations involved one foundation. We installed this particular unit through an old underground tank. We overcame the problem by pouring concrete into the tank void and around the foundation.

There is no question that using power-installed foundations is less expensive than concrete. The savings comes in the speed of the installation. Once the crew establishes a pace, they can really move.

Another aspect of the steel foundations we like is that if we ever have a problem with conduit, it will be easy to remove the light standard from the foundation and gain access to the problem through the hollow foundation. □





The foundation type used by the city is 5' in length with a 1" x 12" base plate. Bolt circle is 11". The cableway size is 2 1/2" x 12". The cableway distance is 12" from the base plate. 1" x 2 1/2" hex-head bolts are used to mount the standard to the foundation. The helix is 14" in diameter. Catalog No. is C11242NG4TK.



Foundation base is flush with the concrete walk.



With Chance power-installed area-lighting foundations, the users have a versatile alternative to using cast-in-place or precast concrete foundations.



Conduit runs through the cable entry slots provided on each foundation.

For additional information on Chance foundations, check the postage-paid reply card.



POWER SYSTEMS, INC.



WORLDWIDE LOCATIONS

To locate a Certified Installer in your local area,
consult our Distributor Network listed on our web site:
www.abchance.com

UNITED STATES

HUBBELL POWER SYSTEMS, INC.
210 N. Allen
Centralia, Mo 65240
Phone: 573-682-8414
Fax: 573-682-8660
e-mail: hpsliterature@hps.hubbell.com

CANADA

HUBBELL CANADA, INC.
870 Brock Road South
Pickering, Ontario L1W 1Z8
Phone: 905-839-1138
Fax: 905-831-6353
e-mail: infohps@hubbellonline.com

MEXICO

HUBBELL DE MEXICO, S.A. DE. CV
Av. Coyoacan No. 1051
Col. Del Valle
03100 Mexico, D.F.
Phone: 52-55-9151-9999
Fax: 52-55-9151-9988
e-mail: vtasdf@hubbell.com.mx

EUROPE

HUBBELL POWER SYSTEMS
Ronald Close
Woburn Road Industrial Estate
Kempston, Bedford
MK42 7SH, England
Phone: 44-1-234-843632
Fax: 44-1-234-841435
e-mail: jhopwood1@aol.com

ASIA

HUBBELL S.E. ASIA PTE. LTD.
159 Sin Ming Road
#05-08 Amtech Building
Singapore 575625
Phone: 65-6454-4772
Fax: 65-6454-4775
e-mail: hpsliterature@hps.hubbell.com

ISO 9001:2000



Certificate No. 001136

NOTE: Because Hubbell has a policy of continuous product improvement, we reserve the right to change design and specifications without notice.

ANDERSON™ CHANCE® FARGO® HUBBELL® OHIO/BRASS®