

**CHANCE<sup>®</sup>**

**Streetlight Foundations**

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# Renovation Includes Steel Area-Lighting Foundations

*Downtown gets new look with help from Chance foundations*



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**City of Centralia, Missouri**

**M**any 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. □





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

*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.*



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



*Foundation base is flush with the concrete walk.*

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



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