

PROJECT NARRATIVE

for

Cingular Wireless Communication Facility

At



Cingular Jewish Community Campus

12701 N. Scottsdale Rd.
Scottsdale, AZ 85254

Cingular Project Number: X154-01

112-DR-2006
10/30/2006

Background

Cingular Wireless is currently providing wireless telephone communications services throughout the Valley and across much of the U.S. Its Federal Communication Commission license for the Arizona region requires it to provide service throughout this market area, including Scottsdale. In response to significant population growth and increased demand for its wireless services, and its commitment to provide service throughout this area, Cingular Wireless is expanding its coverage in Arizona, as well as increasing the number of available channels in the growing urbanized areas of Arizona. To satisfy demand for its wireless services in the Scottsdale Road and Sweetwater Avenue area, Cingular is requesting approval of a Wireless Communication Facility to be installed on a replacement ball field light pole at the Jewish Community Center. The application for this site is one in a series designed to provide coverage for residents, businesses, and visitors in the Scottsdale area. It is the goal of Cingular Wireless to work with the City of Scottsdale to build and maintain a competitive wireless network, providing quality wireless service to residents and travelers, offering the benefits of competition as encouraged by the FCC.

Existing Conditions

The Jewish Community Center Campus is located north of Cactus Road on the east side of Scottsdale Road. On the campus is an existing baseball field with multiple ball field light poles. On the east side of the property is a light pole with adequate ground space and access to replace the pole with a Wireless Communication Facility.



Co-location

Co-location in regards to a wireless communication facility refers to the sharing of a wireless facility by more than one wireless provider or the sharing of an alternative tower structure. The principal benefit from collocation is that fewer wireless communication facilities are needed to serve a given area or an existing structure is shared to reduce the need for new verticality. Co-location has become a favored policy and is often encouraged by many jurisdictions. Knowing that collocation is preferred by the City of Scottsdale, this application is the result of a shared commitment between Cingular and the City of Scottsdale.

Nature of Request

Infranext, representing Cingular Wireless, is requesting approval for a ball field light pole replacement on the Jewish Community Center Campus. The existing light pole is sixty five (65) feet tall. Cingular is proposing a replacement pole which will also be sixty five (65) feet tall. The light pole will be designed to match the existing pole's concrete caisson design. The new pole's base will be designed to look like the concrete caisson and will be painted to match. The diameter will not be increased by more than sixty (60) percent per the Scottsdale WCF ordinance. The new pole will be located approximately ten (10) feet north of the existing pole in line with the other poles on the third base side of the ball field.

Cingular is proposing six (6) new antennas on the pole. The antennas will be flush mounted to the pole at two different heights. This design allows Cingular to have their needed antennas and maintain the flush mount requirement of the Scottsdale WCF ordinance. The antenna radiation centers will be 57' 6" and 47' 6". The antennas will be no greater than two (2) feet from the face of the pole per the Scottsdale WCF ordinance.

Cingular is proposing seven (7) new equipment cabinets. The equipment cabinets will be located inside a new eight (8) foot high CMU wall. The CMU wall will be located east of the wall abutting the existing wall on the property. The CMU wall will be painted and textured to match an existing wall.



Conclusion

It is the goal of Cingular Wireless to work in cooperation with the City of Scottsdale in the development of their wireless network. By utilizing existing verticalities and flush mounted antennas, this site will be a good solution to a difficult coverage area. This area of Scottsdale is infamous for its spotty cellular coverage (much of it due to the difficulty in finding an adequate location). Approving this application will allow Cingular to improve coverage in an area known for having "spotty" coverage.

Submitted by:

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InfraNext

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