



THE CITY OF SAN DIEGO

M E M O R A N D U M

DATE: July 29, 2010

TO: Balboa Park Committee
Agenda of August 5, 2010

FROM: Scott Reese, Assistant Director, Park and Recreation Department

SUBJECT: Informational Item – Balboa Park NextG Telecommunication Nodes

SUMMARY

THIS IS AN INFORMATIONAL ITEM ONLY. NO ACTION IS REQUIRED ON THE PART OF THE COMMITTEE.

BACKGROUND

NextG Networks Inc. (NextG) is a company that provides network infrastructure for lease for use by telecommunications companies and others with wireless data transmission needs. Unlike telecommunications providers who construct, maintain and operate their own facilities, NextG constructs and maintains its own network but leases the bandwidth to service providers or other users with wireless network needs.

NextG currently has an agreement with the City of San Diego to allow the installation and maintenance of a Distributed Antenna System (DAS) network in street rights-of-way throughout the City. The telecommunication nodes are typically installed on existing street lights, traffic lights and utility poles, with a small whip style antenna atop the pole and a relatively small equipment enclosure secured to the pole itself. However, the current agreement only addresses nodes located in street rights-of-way, and does not address installations on parkland.

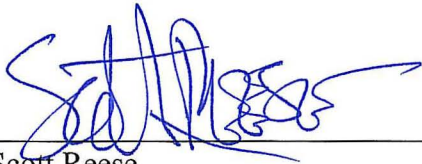
NextG proposes to install nodes for their DAS network within Balboa Park. They have negotiated a Use and Occupancy Permit with the City's Real Estate Assets Department (READ) to allow NextG to initially install twenty-five DAS nodes throughout the park. The network may be expanded in the future; however, the final number of nodes is not known at this time.

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The attached exhibit provides information on node locations and configurations. Antennas will be located atop light poles or utility poles, with an equipment enclosure secured to the side of the pole. The antenna will be approximately 24 inches tall with a diameter of 16 inches. The pole-mounted equipment enclosure will be approximately 36 inches tall, 13 inches wide and 12 inches deep. In one location (by the Balboa Golf Course Clubhouse) a new pole will be installed to accommodate the antenna and equipment.

NextG has the need to install approximately eight nodes in the immediate future. Other nodes will be installed as demand is identified. Department staff has reviewed proposed antenna locations and equipment for compatibility with pole locations and designs and will coordinate with NextG staff and contractors regarding timing and logistics to minimize impact to Park activities. We will provide updates to the Committee on overall progress. Future nodes not identified in this current proposal will be presented to the Committee when additional information is available.

Staff from NextG Networks will be in attendance at the meeting to present the proposed installation plan.



Scott Reese
Assistant Director



Prepared by: Charles Daniels
Park Designer

SR/cd

Attachments: NextG Networks Balboa Park Presentation

cc: Scott Reese, Assistant Director, Park and Recreation Department
Carol Young, Property Agent, Real Estate Assets Department