

COMMISSION/COMMITTEE REPORTS

CITY COUNCIL
JANUARY 27, 2004

To: Mayor and City Council

From: George J. Rodericks, City Manager **GR**

**SUBJECT: FIRST AMENDMENT TO AGREEMENT
SITE MANAGEMENT SERVICES**

BACKGROUND

In November 2001 the City entered into a non-exclusive agreement with Site Management Services (SMS) for the planning, constructing, and managing of wireless telecommunications in the City of Villa Park. The City tasked SMS with identifying opportunities and locations for improvement of wireless services in Villa Park. SMS has been working with various telecommunications providers to identify signal gaps, potential cell site locations, and potential technological improvements that will allow for improved service in the City.

FINDINGS

SMS has worked toward the development of repeater technology to allow a low cost and stealth design to fill in the small gaps in the wireless networks. The repeaters provide a simple and cost effective way to negotiate difficult topography, dense foliage and other similar conditions where long range is not needed. Each repeater, at a cost to install of approximately \$10,000 each, will extend a signal by 700-1,000 feet. No ground cabinets are required for their operation so extended coverage is possible in areas where space or other restrictions forbid above ground facilities.

The attached First Amendment to Agreement modifies the agreement between SMS and the City of Villa Park to allow SMS to address the City's unique wireless gaps using repeaters, if feasible.

The City's wireless gaps are caused by numerous topographical variances in the City. Since the repeater technology has limited range, a blanket deployment of repeaters would not solve all of the City's wireless issues. Additional cell sites would still be required to fully address the problems. SMS continues to work toward developed of a stealth cell site that can be deployed with minimal impact, maximum aesthetics, and minimal cost.

The Public Utilities Committee met with representatives from SMS to identify potential locations for underground equipment vaults, micro cell sites, and stealth designs. SMS is currently conducting an inventory and inspection of potential micro cell sites and will return a report to the Committee for presentation to the City Council.

AMENDMENT TO AGREEMENT – SITE MANAGEMENT SERVICES

January 27, 2004

Page 2 of 2

FISCAL IMPACT

The Agreement between the City and SMS does not represent a cost to the City.

RECOMMENDATION

It is recommended that the City Council approve the First Amendment to Agreement and authorize the Mayor to execute the Agreement on behalf of the City.