TO: HONORABLE CITY COUNCIL
FROM: CITY MANAGER DEPARTMENT: ADMINISTRATIVE SERVICES
DATE: FEBRUARY 12, 2007 CMR: 133:07
SUBJECT: APPROVAL OF THE WIRELESS SILICON VALLEY TRIAL AGREEMENT WITH SILICON VALLEY METRO CONNECT

RECOMMENDATION
Staff recommends that Council authorize the City Manager or his designee to approve the City’s participation in the Wireless Silicon Valley Trial with Silicon Valley Metro Connect.

BACKGROUND
In April 2005, Joint Venture: Silicon Valley Network kicked-off the Wireless Silicon Valley initiative. The City of Palo Alto has been an active participant and supporter of the project. Since its inception, an organization of more than 40 agencies and municipalities has been formed, a set of criteria for the project has been created, and an RFP was developed and issued. RFP responses were evaluated and a primary vendor and a secondary vendor were selected. The group is currently in negotiations to develop a model agreement for Wireless Silicon Valley members to take before their respective boards or councils.

The primary scope of the project is to provide outdoor wireless internet connectivity to over 1500 square miles of the greater Silicon Valley. Where available, indoor access will be accomplished by means of customer provided equipment (CPE). The cost of this equipment is expected to be less than $100. The group also expects the network to support a single sign-on while the user remains in the Wireless Silicon Valley area as well as mobile capability.

DISCUSSION
The City of Palo Alto has been selected as a proof of concept city by the Metro Connect consortium composed of IBM, Cisco, Azulstar and SeaKay. The intent is to construct a network across a one-square mile area in Palo Alto that could be used to demonstrate and evaluate the ability to provide coverage, administration and maintenance in a real-world setting. A proposed concept area has been identified and is roughly bounded by Hamilton Avenue, Middlefield Road, Churchill Street and El Camino Real.

The concept trial will be closed and not accessible to the general public. Such control is necessary due to the dynamic nature of the trial. The users of the system during this concept phase will be Metro Connect and selected City of Palo Alto users. The trial is scheduled to run
for 120 days. During this period, Metro Connect has agreed to comply with all existing municipal requirements.

**RESOURCE IMPACT**
Minimal staff support for the project will be required from the Information Technology Division. This support is expected to be project management and process control. Utilities Electric Engineering and Operations will be consulted regarding the physical installation of the Wi-Fi components in the concept area.

Expenses and fees associated with the installation of equipment on street lights will be billed to Metro Connect.

**POLICY IMPLICATIONS**
Participation in this project does not represent any change to existing City policies.

**ENVIRONMENTAL REVIEW**
Approval of participation in this project does not constitute a project under the California Environmental Quality Act (CEQA); therefore, no environmental assessment is required.

PREPARED BY:  
GLENN E. LOO  
Chief Information Officer

APPROVED BY:  
CARL YEATS  
Director, Administrative Services

CITY MANAGER APPROVAL:  
EMILY HARRISON  
Assistant City Manager

**ATTACHMENTS**
Attachment 1: Metro Connect Trial Proposal  
Attachment 2: Map of the Trial Area  
Attachment 3: List of the Wireless Silicon Valley participants