

**City of Milpitas
Unapproved Minutes
Telecommunications Commission
July 9, 2011**

I. Call to Order & Roll Call:

Commissioner Chair Alcorn called the meeting to order.

Members Present: A. Alcorn, H. Tran W. Lam, R. Shaw, K. Bohan, D. Lax, I. Munir, D. Gupta, S. Bansal

I.S. Staff: B. Marion, E. Pasion

City Council: A. Polanski

Members Absent: N. Gupta, S. Ahjua

II. Pledge of Allegiance:

The members of the Commission recited the Pledge of Allegiance.

III. Announcements:

No announcement made for the record

IV. Approval of the Agenda:

Approve that agenda as submitted.

Motion to approve the agenda as submitted.

M/S S. Bansal / R. Shaw Ayes: 9

V. Approval of the Minutes:

Motion to approve the minutes as submitted.

M/S I. Munir / S. Bansal Ayes: 9

VI. Citizen's Forum:

No comments made for the record.

VII. New and Continued Business:

1. Five-Year Master Plan – Planning & Discussion

The members of the telecom commission met to discuss and plan for an updated telecommunications master plan.

Chair Alcorn provided a summary of the goals of developing an updated telecom master plan as well as provide direction on future telecom projects for the information services department. The projects will have impacts on improving the communications delivery in all aspects that can benefit the Milpitas community quality of life.

Bill Marion, the city's Chief Information Services Director, provided a summary of the past telecom master plans. He highlighted the various goals and accomplishments of the past several master plan documents that were approved by the Milpitas city council.

The commission reviewed the eleven page 2007 master plan document. They compared what was proposed, what was accomplished and what needed completion or continuance. First item for discussion would be the cable television and community access studio operations.

The commission added that it should give direction to the Milpitas Community Television non-profit organization in the areas of the operations and future development of the community access studio. Some of the items discussed included that use of LIVE broadcasting of sporting events as well as providing some form of on-demand access to historical video programs covering local events. The commission also added that it was important focus on coverage of Milpitas events that represent its history. The chair suggested changing the first slide from cable television to MCTV 26. The discussion of defining the use of cable television technology vs. internet protocol delivery will be discussed in a broader scope but should keep on a simpler slide presentation. The commission added that cable technology in the future would not be as dominate and internet protocol television would have more of an impact in the overall delivery of video programming. The commission added that live broadcasting could enhance the overall channel programming and benefit to the Milpitas community. The item regarding with Milpitas Unified School District education opportunities rotated around the level of involvement on a very high level. The commission noted that it has been successful in educating high school students in the use of MCTV 26 cable television operations. The next possible level of involvement would be with the Milpitas senior center and consider seeking involvement and volunteering of its members in creating and producing video programs, and creating live events, for programming on MCTV 26. The technical aspects of conducting live broadcasting events are another area that must me reviewed and investigated in greater detail. One of the areas would be to use that coverage over the city's wireless network to aide in the possible use of video delivery.

The next slide involved Telecommunications involving city's telephone replacement to a voice over internet protocol, the city's telecom fiber optic network and finally wireless antenna permitting review process prior to final approval for by the planning commission. The commission noted that its importance to actively seeking a plan of replacement of fiber optic network as well as upgrading the wireless and microwave equipment technology. The commission also spoke of expanding the use of the Silicon Valley unwired wireless network to possibly aide the use of video over the network. They also added to study opportunities in possibly monetizing the City's telecommunications infrastructure and study the idea of a city

operated two tier broadband network. Finally, the commission added that it also study the opportunities of an expanded wireless data network outside of the existing Silicon Valley Unwired network. The SVU WiFi network is operating under a three year agreement with the City. The commission added that it should research that expanded use of a faster broadband wireless for possible revenue generation to fund itself. The commission also suggested that it research opportunities in wireless video and voice technologies.

In the area of public safety communications the commission added that a former telecom commissioner serves on the Santa Clara county interoperability communications project. The commission asked if the Emergency Preparedness Commission has investigated its communications needs. Councilmember Polanski noted that she serves as a liaison for that commission and added that they are actively involved in all matters of emergency communications planning and coordination of resources with the City's public safety and County emergency services. The commission requested if it can be updated on the Emergency Preparedness Commission activities in a future presentation.

In the area of city applications, the city has expanded it use of data storage through network storage technologies. The commission added that the use of cloud-base technologies would be used on a very limited basis when not involving sensitive and secured city data and information. As for use in public safety applications, cloud-based computing does not meet the strict federal security standards when dealing with items of secured information. Members of the commission reiterated that cloud-base storage still may be security issues and must be addressed before any serious use is applied. However, other possible applications may include virtualization technology of various hardware servers rather than have an expansion of dedicated servers. Additionally, the goal would be to use technology to improve processes, internally, and reduce overall costs that would benefit of the city. The commission added that there should be a list of new and recent applications implemented as part of the slide presentation. Additionally, the use of more off-the-shelf applications instead of custom made applications. In the area of the City's web site it has expanded application access and use for the general public to access to online document and forms.

In the area of general recommendations the commission suggested opportunities to generate revenue through the use of the city's infrastructure. In the area of remote access the commission suggested the use of technology for remote monitoring to control various systems throughout city locations adding that it may add better security performance and delivery while reducing overall costs. The commission suggested reviewing emerging energy technologies and such as solar panels and photo voltaic technologies.

The final slide addressed the recommendations for the council to review along with highlighting the major accomplishments of all the previous five-year master plan documents starting back in 1995 to 2007.

The commission requested to have the draft master plan document for review prior to the meeting of July 18 for additional review.

Motion to note receipt and file:

M/S I. Munir / D. Lax Ayes: 9

2. Round Table Discussion

No comments made for the record.

VIII. Adjournment of Meeting:

Meeting adjourned to Monday, July 18, 2011.