



CITY OF FULLERTON
TECHNOLOGY WORKING GROUP
MEETING MINUTES
April 16, 2009
9:00 A.M.

CALL TO ORDER Chair Burtner called the meeting to order at 9:03 a.m.

ROLL CALL

Members Present

Roger Burtner, Chair	Harry Lamberth
Fred Canfield	Madusha Palliyage
Helen Hall	Ed Smith
Larry Iboshi	Paul Stover, Vice Chair

Members Absent

Carl Samantello	Thad Sandford
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Member Mike Carter arrived after roll call.

APPROVAL OF MINUTES

Chair Burtner asked if there were any corrections to the minutes of the January 29 meeting. With no corrections, Larry Iboshi moved approval of the minutes. The motion was seconded by Fred Canfield, and the minutes were unanimously approved.

Chair Burtner asked if there were any corrections to the minutes of the February 19 meeting. With no corrections, Harry Lamberth moved approval of the minutes. The motion was seconded by Larry Iboshi, and the minutes were unanimously approved.

Chair Burtner asked if there were any corrections to the minutes of the March 12 meeting. With no corrections, Helen Hall moved approval of the minutes. The motion was seconded by Larry Iboshi, and the minutes were unanimously approved.

DISCUSSION ITEMS

1. **Creation of an educational/municipal (institutional) fiber/wireless network, FullertonNet**

Next steps, Draft of RFP

Chair Burtner turned the meeting over to Harry Lamberth for discussion of the draft RFP, and indicated that TWG members should have received copies of the draft RFP for their review prior to this meeting. TWG members immediately pointed out that they had not received copies of the draft RFP.

Mr. Lamberth reported that the RFP was not ready and had not been distributed. He stated that he had met with Engineering Department staff and there were issues regarding requirements that needed to be discussed, and he wanted to get approval or consensus from the TWG before finalizing the RFP.

Microtrenching: Mr. Lamberth indicated that he had done additional research on microtrenching and learned that actual costs were more like \$40 to \$45 per lineal foot, for a 36-inch depth, which is considerably more than the \$15 per foot cost the TWG had previously been given. Also, one of the committee's previous concerns had been with the depth of microtrenching. He learned from Engineering Department staff that because of street repair and construction issues, the depth must be at least 24 inches, preferably 36 inches. From a practical standpoint, the \$40-\$45 per lineal foot cost would be beyond the project's current economic reach.

Mr. Carter asked if microtrenching would be appropriate for residential streets. Mr. Lamberth indicated that the RFP will not tell the contractor they cannot use microtrenching, only what the requirements are if they choose to use it; and he further noted that there are very few residential streets in the I-Net routing.

Vice Chair Stover indicated that he learned there were only two companies in the world performing microtrenching, and neither was aggressively marketing in the U.S.

Existing conduit/pathways: On a more positive note, Mr. Lamberth also learned from Engineering staff that for the last ten years, the City has been installing conduit for traffic signaling, and the placement of this conduit could provide cooperative pathways for installation of fiber for the I-Net.

Mr. Lamberth indicated that he had taken the original map of the proposed backbone for the I-Net and overlaid it with the traffic signal conduit and discovered that approximately half of the pathways for the I-Net already exist – noting they are also generally close to potential subscribers, such as schools.

Mr. Lamberth requested that the maps be made available in CAD or GIS so that he can provide a more accurate, detailed overlay to the committee members. Ms. Hall asked Mr. Lamberth to provide him with the two maps and she would have her GIS staff create the necessary files.

With a more detailed, accurate map from which to work, Mr. Lamberth noted that the TWG could more readily determine recommended paths and sites. The TWG's recommended plan would need to be reviewed by the Engineering Department to see which routes make the most sense. He pointed out that the Engineering Department is very interested, very cooperative, and is prepared to provide information the TWG needs for the RFP for bidding purposes. Mr. Lamberth further noted that in order to get anyone to commit to construction, they have to have what amounts to top level engineering specifications, including standards for opening the streets.

Mr. Lamberth indicated that he envisions the I-Net project as a six-phase project before getting close to even completing the backbone and getting everyone connected –

possibly four phases depending on funding. Ms. Hall reminded the committee members that Phase One was originally determined to be creation of the backbone, with public safety being put in place first, as directed by Council.

Mr. Stover pointed out that Beckman and Cal State Fullerton should be included in the planning phase of the I-Net. Mr. Lamberth noted that there are probably several cogent, microregional issues, and he suggested that every committee member prepare a white paper so that all considerations – political, social, economical, technical, etc. – can be reviewed. Mr. Lamberth asked Mr. Stover to prepare a white paper on Beckman, which the other committee members could use as a format to follow.

Chair Burtner directed that the next step in the process is to complete the overlay of trails and paths, and to meet with the Engineering Department for their review, direction, and approval.

ISMS Proposal

Chair Burtner noted that he had left the ISMS proposal on the agenda (and will continue to leave it on the agenda) because Mayor Bankhead had not had an opportunity to review it, but once he does, he may have comments and/or direction for the TWG.

ITEMS FOR NEXT MEETING

Chair Burtner also reported that Mayor Bankhead had met with Thomas Jones of Paragon Partners, Ltd., of Huntington Beach. Apparently Paragon has been involved with implementing a number of municipal fiber networks. Mr. Burtner learned that Paragon is operating the network in Santa Clara because Broadband Associates defaulted. Mayor Bankhead requested Chair Burtner to contact Mr. Jones of Paragon for more information. Chair Burtner indicated that Mr. Jones will be the main speaker at the May 7 meeting of the TWG.

Vice Chair Stover stated that he had a conversation with two representatives from Beckman regarding the Beckman property in Fullerton. Mr. Stover indicated that Beckman is considering a museum as a legacy to Beckman and to technology, in general. Mr. Stover also learned that Cal State Fullerton has been involved in conversations at a very high level regarding the Beckman property. Mr. Stover believes the TWG should be involved in these discussions, and asked the committee members for their comments.

Ms. Palliyage reported that the EDAT (Economic Development Action Team – Nicole Coats) is involved with that project. She indicated she had tried contacting Ms. Coats, but received no response.

Chair Burtner indicated that he would contact Planning Manager Al Zelinka to speak to the TWG regarding the Beckman property.

PUBLIC COMMENTS

None

ANNOUNCEMENTS

None

ADJOURNMENT

With no further business, Chair Burtner asked for a motion to adjourn. Mike Carter so moved. Harry Lamberth seconded. The meeting was adjourned at 10:28.

Next meeting scheduled for May 7, 2009.