June 7, 2007

City of Bloomington Digital Underground Advisory Committee
        Date of Record: June 7, 2007

        Prepared by: Rick Dietz, ITS Director

Roll Call

Committee Members Present
Greg Travis
Eric Ost,
Brian Kleber, Small Business Development Council
Mark McMath, CIO, Bloomington Hospital
Ron Walker, BEDC

Vacancies
1 BPW and 1 Council

City of Bloomington Staff Present
Rick Dietz – Director of ITS
Rick Routon – Asst. Director of ITS

Visitors
Karen Portle – MCCSC

Materials Provided
- Agenda

I. Staff Reports
   a. Rick Dietz [RD] Mike Sullivan not able to attend.
   b. Rick Routon [RR] VIM clinic fiber installation is delayed by contractor. Work on BDU connection to Utility Service Center is forthcoming.

II. Member Reports
   a. None

III. VIM / BEHC Update
   a. [RD] City is providing underlying fiber connection at no cost to BEHC for pilot term of 2-3 years. VIM will be user of BEHC's fiber to provide eHealth applications. Smithville Digital will contribute management services and bandwidth. IU is interested in assisting but role is not defined. Hospital owns the property. VIM will be user of BEHC applications and bandwidth.
      1. Mark McMath [MM] - Thanks Rick Dietz for moving forward this project. VIM is obvious focus of community interest. What's in best interest of community brought together a worthwhile public-private collaboration.
      2. [RD] The City initially wanted to help VIM. Project now involves more partners, larger scope, and to help BEHC get off of the ground.
      3. [MM] This helps move BDU forward. A specific example of positive use.
   b. Greg Travis [GT] Why 2 fibers to VIM?

1. [RR] 12-strand bundle is more economical. Only 2 being used by Pilot initially.
   c. [GT] Is there a connection to hospital?
      1. [MM] Lateral is to costly for a pilot project.

IV. Future Directions
   a. [RD] Opens discussion on BDU future. Where does Committee recommend we go from here? An omnibus telecommunications plans or specific projects/initiatives?
      1. [GT] wants to see layer-2 service over BDU as a Utility with ISPs providing bandwidth.
      2. [GT] a fiberpair per user model is not sustainable: relatively small quantity of fiber / valuable resource.
         i. [RR] - half of fiber in active conduit is used or being held in reserve for city use. May be able to add 96 more strands to it.
   b. [RD] What does committee recommend on the question of unused conduits?
      1. [MM] Does the City have a long-range plan for this infrastructure? A master plan would be very helpful. Involve city, county, chamber, etc. Figure out where we want to be in five years.
         i. [RR] - We place conduits as certain road projects are underway. Planning to deploy conduit for B-line.
      2. Ron Walker [RW] Is there a need to come up with something to do with the conduit?
         i. [RD] There is the value of the existing investment and potential of the conduit.
      3. [MM] It helps to have use-cases like the VIM clinic. BDU moved this forward.
   c. [RR] We also keep in mind MCCSC and the County as opportunities arise.
      1. Karen Portle [KP] Areas of concern at Fairview/Rev. Butler Park, Getting across 37 at some point, NorthPark, North High school area for emergency redundancy.
      2. [RR] We try to position ourselves with these investments to have the best foundation for the future.
   d. [MM] Perhaps we need to do visioning before strategic planning. Set aside some dedicated time for visioning independent of all the specifics. Maybe bring in some experts. Create a vision, then plan and flesh out projects.
   e. [GT] Likes the idea of baby steps. Look at the CTP (Certified Tech Park) and the BDU northern part of loop. Let's explore an initiative to light up the Tech Park.
      1. [RW] This makes sense. There nothing compelling us to go to the vision stage. There is not business demand for community metronet scale vision.
      2. [RD] Let's explore CTP project idea. The BDUAC can come up with specific recommendations. This can be focus of next meeting.
      3. [GT] It should be sold as utility. If you come here you'll get sewer and running water and high-speed connectivity. Be aggressive.
         i. Eric Ost [EO] Telecom is getting deregulated – utility issues becoming less problematic.
         ii. [KP] Like a road, not sewer - since not providing bandwidth, just a path.

        iii. [GT] CTP companies can buy bandwidth from Smithville, Kiva, etc.

        iv. [EO] It's a common infrastructure. We also need a good co-location facility.

    4. [RW] It's worth exploring the CTP - talking to business owners in CTP boundary would be useful.

  f. [RD] Let's hold our next meeting on the BDU & CTP. I'll make sure Brian Kleber can attend and facilitate if he is agreeable.

V. Other Topics

  a. [EO] Makes a motion that the City install Anycast video system in

    a. [MM] MArk Macmath - what is the expense to the City to deploy?

    b. [RR] Not known. But we are enhancing meeting rooms with technology upgrades every year.

    c. [EO] These meeting should be televised

    d. [GT] All BDUAC meetings are public meetings. Few meetings are televised.

    e. [EO] Withdraws motion. Will talk to ITS about Anycast use.

  b. The Next meeting was moved to 12th of July.

VI. Meeting Adjourned