

Bloomington Digital Underground Advisory Committee
January 18, 2007

City of Bloomington: Bloomington Digital Underground Advisory Committee

Date of Record: January 18, 2007

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Summary

Bloomington Digital Underground Advisory Committee meeting held Thursday, January 18, 2007 at 4:00 p.m. in the McCloskey Conference Room of City Hall at Showers, 401 N. Morton St. Bloomington, Indiana

Roll Call

Committee Members Present

Mark McMath, CIO, Bloomington Hospital
Mark Bruhn, Associate Vice President for Telecommunications, IU
Brian Kleber, Small Business Development Center / inVenture
Eric Ost, Telecommunications Council

Committee Members Absent

None

Vacancy

2 Mayoral Appointees – Economic Development & Local Tech Community
1 Council Appointee

City of Bloomington Staff Present

Rick Dietz, Director, Bloomington ITS
Andy DeLuce, ITS/SPEA Fellow

Guests Present

Karen Portle, MCCSC
Dr. Mike Sullivan, BEHC/SIHIE

Materials Provided

1. December 7, 2006 meeting notes
2. BDUAC January 18, 2007 meeting agenda
3. Draft copy of the Fiber Optic Rate Schedule

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- i. Housekeeping
 - a. Rick Dietz [RD]: Next scheduled meeting is Feb 1st at 4 PM. Meetings are on the 1st Thursdays of each month for 2007.
 - i. We have several things moving through public works so it is probably warranted to meet in 2 week's time.
 - ii. Also new BPW appointees will be in office by February. Ron Walker will be appointed in the Economic Development position and Greg Travis in the Local Technology Community position.

- b. [RD]: On quorums: The resolution establishing the BDUAC allows it to establish its own rules of procedure; we aren't required to have a quorum to move forward with issues. Plus, it's a technical advisory committee.
 - i. Mark McMath [MM]: I do think we need to try and make sure we have enough opinions on each topic being discussed. It's important for the community and the city. I also think we should meet again in 2 weeks.
 - c. [RD]: Mark Bruhn was appointed by the board of public works. Everyone else is official until you are reappointed or you resign. Eric Ost should be here soon and then we will have a numerical quorum.
 - d. [RD]: I have set up 2 email lists. One is for BDU members and one for other interested parties who regularly attend or have requested notification of BDUAC meetings. All past board members are included in the information list.
- ii. BDU Build Out
- a. [RD]: In the past year we have used a Council appropriation to upgrade our network upgrade. We still have electronics to install at the new BDU facilities, The facilities we switched from ISDN to DSL are finished. There is one facility going to cable and we are working with Insight on that. And the City has leased fiber from Smithville for the Animal Shelter.
 - i. [RD]: There are no plans to do anything of the scale in '07 that we did in '06. In the next few years as we see more road opportunities we will likely pick up additional facilities.
 - ii. Mark Bruhn [MB]: One of those being the 45-46 bypass?
 - iii. [RD]: Installing conduit as part of the 45-46 bypass expansion is a possibility we have considered. We would like the opportunity to piggyback as new infrastructure is added.
 - iv. [MB]: I think in projects that size they usually try to put in as much infrastructure as possible. We have fiber from 10th and the Bypass to the foundation and then around through Fee Lane but we can always use more. I have heard that the project is slated for 2009-2010.
 - v. [RD]: We haven't been getting specifics from the State about when they are starting so we can budget them out and plan ahead.
 - vi. [MB]: The new IU Cyber Infrastructure Office Building will be at 10th and the bypass. The new Data Center will be in the complex already there. We are trying to plan ahead for that road construction. We need to work on our infrastructure on the bypass.
 - b. Brian Kleber [BK]: Is there an updated map of the city's fiber network with all the improvements? Maybe a digital one?
 - i. [RD]: I will send you a PDF. I will post an updated map to the website as well.
- iii. BDU Price Schedule Discussion
- a. [RD]: Most of the changes to the schedule have been insignificant. The Legal dept made another set of revisions; most of them are in the 1st paragraph. The language under applicability states that the city is not obligated to offer these rates, It can enter into alternative agreements with other providers or organizations. Very little else has changed, increases in the price for the public and for the standard. This is partially based on the estimation of the demand. We don't know precisely how much market there is for this. We just want to make sure that if interest is low we can still secure sufficient revenue in the near term to offset our costs.
 - b. [MM]: What is the 1st-6th on the schedule?
 - i. [RD]: That is the number of fibers. The table may be a little deceptive. I will reformat it to make it easier to understand.
 - c. [MM]: You mentioned earlier about the E-Health Collaborative possibly using BDU fiber. How exactly could that happen with the mix of non-profit and for profit at the collaborative?
 - i. [MS]: My take on that would be that the City wants to contract with someone and if the E-Health Collaborative is incorporated as a Non-Profit then we could contract with the city.

- ii. [RD]: The main reason for this license schedule is to have something to point people toward. It also allows us to go ahead and enter into agreements if they meet these criteria, without going through the legislative process. This can streamline existing agreements we already have and also future projects.
 - d. [MS]: This is a good ballpark to start with.
 - e. [MM]: Should we get public comment on this?
 - i. [RD]: Our meetings are open and we had public comment in the strategic planning process. We can include more comment if it is needed but I would hesitate to delay this. There will also be public comment opportunities as this proceeds to Council.
 - f. Eric Ost [EO]: We should present the strategic plan to the Common Council. We can still move forward but we should still present in the public forum on TV so everyone can be aware.
 - i. [MM]: This body hasn't voted on the strategic plan.
 - ii. [RD]: There have been many discussions but we didn't have a quorum on many occasions.
 - iii. [EO]: With changing market conditions I feel like we need to act soon or we may have to rework it.
 - iv. [MM]: I think we should start with voting on this after we get everyone here. The appointments have been accepted we can maybe look at some updates and then vote it up or down
 - g. [EO]: I think we still may need more public input. Also how does this compare to existing dark fiber leases?
 - i. [RD]: It is below what most 3rd party provider would charge. We did that on purpose to make the infrastructure available at a low cost and so it can be resold by providers.
 - ii. [MM]: Is there other dark fiber in the area?
 - iii. Karen Portle [KP]: We have dark fiber from Cinergy. We paid for a buildout but after 5 years the cost drops to a maintenance fee. My cost will be \$600 Month for eight strands of fiber.
 - iv. [MB]: But Cinergy owns the fiber?
 - v. [KP]: Yes. We paid for all of the buildout and they own it.
 - h. [EO]: Isn't there a loop of fiber around the city?
 - i. [RD]: There is some aerial fiber on the northwest side that dips into the downtown but doesn't go all the way around the city. [US Signal]
 - i. [KP]: I have a question about the rationale for the limitation on organization size.
 - i. [RD]: I think that was based on IU paying a standard price, but that could be removed.
 - ii. [EO]: As long as it is a non-profit let's just get rid of it.
- iv. VOTE is called to accept the amendments to the schedule as discussed
 - a. Amendments were to clean up the table formatting and remove the size restriction on the Public Benefit price.
 - b. All members voted in favor.
 - c. [RD]: I will update everyone on the process going forward.
- v. BEHC / SIHIE Project
 - a. [RD]: We are currently mapping out targeted medical facilities. The map will include points for providers in the surrounding counties which we want to connect.
 - b. [MS]: We are going to have a large list to work with and growth is an important goal for this project. The more people on the list the happier the reviewers will be. If it is in the southern half of the state then it could be in the network.
 - c. [BK]: Does that include Indianapolis?
 - d. [MS]: No, Indy already has 3 health networks now and the latest one, IHIE, seems to want to go statewide. IHIE doesn't seem very interested in working together right now. We are applying for a grant right now and we meet soon about that application. We are working with a Bloomington hospital foundation employee that is very talented and already has experience in rural healthcare grants. IHIE has rolled out

clinical messaging already which is the same app we want to do here. It is a basic info exchange that avoids problems with identification and security.

- e. [RD]: Isn't there one potential respondent to the RFP that has an open source system?
 - i. [MS]: Yes, it is actually connected to IHI and it is called Open Health Records Exchange. It is high profile because it is participating in a national prototype plan. There are 4 of these around the country and they each must have 3 markets. OpenHRE is connecting Indy, Boston and California to the network. I like the idea of an open source system because there is always the old Microsoft problem.
 - ii. [EO]: Medical Manager is a great example of the problems of closed source systems.
 - iii. [MS]: IMA is one of the largest installations of Medical Manager in the country and they have decided to stick with it. There are several of the vendors that are calling themselves open source but I believe that OpenHRE is the only one that fits the strict definition. The others just don't know what it means. (Discussion of definition of open source)
 - iv. [MS]: In the RFP (the training model) there is a lot of language to encourage interoperability and API's but there is only one vendor that is truly open source. The RFP decisions will begin being installed in the fall.
 - f. [BK]: How is this project being funded? Is the hospital funding this?
 - i. [MS]: Yes, but it is complicated. Nationally there have been a lot of people struggling with getting to a sustainable business model from this type of project. Almost everyone doing it has mixed funding usually including grants. Clinical messaging does have a theoretical immediate return on investment. In Indianapolis the physicians that are plugged into the network pay nothing and the labs and imaging centers which are distributing their results pay transaction fees. There are many other models...
 - g. [MB]: In the notes from last meeting it says that there are rumors that the Governor's office will permit I-LIGHT 2 use for health networks. You didn't hear that from me.
 - i. [MS]: No, I heard it from the IFW Indiana Fiberworks guy. They weren't at the meeting but I met with them afterward. He spoke of it as if it were a foregone conclusion. I really don't have any credible info about that.
 - ii. [RD]: Would you like me to clarify that in our previous minutes?
 - 1. (General agreement)
 - h. [MB]: I think that Senator Ford is working on this but all he has done is contact the department of Health. They said they were looking at this but that is the extent of it. I have spoken with him (Sen. Ford) and he is not going to resubmit his Health bill from last session.
 - i. [MS]: I am meeting with people from the Office of Rural Health and the Department of Health. That is coming up in about 2 weeks.
 - j. [MB]: I have said before that we are beholden to the Governor's office MOU as it stands right now. Other organizations need to take their interests in expanding the I-LIGHT network for health purposes to the Dept of Health and the Governors office.
 - k. [MS]: The best incentive we have to encourage involvement in the extended I-LIGHT network will be through Evansville and Richard Lugar Institute.
 - l. [RD]: It can't hurt our effort to approach anyone and everyone in state government to make that case.
 - m. [MS]: We have been communicating with our representatives and connecting them to the Health Dept and The office of Rural Health. If we could use the old I-LIGHT that would be 90% of my wishlist. Then if they would open up the rest of I-LIGHT 2 to it, that would have to be a big win from the FCC's perspective.
 - n. [MB]: University of Kentucky has fiber running across the river into Jeffersonville and we have been trying to go south. We didn't know about that fiber and we are looking at possible future connections there.
- vi. Meeting adjourned at 5:20 PM