

From: Paul Duke [mailto:pduke@shive-hattery.com]

Sent: Tuesday, March 22, 2011 6:44 PM

To: Brandon Bowersox

Cc: Deborah Frank Feinen; Jim Petro; Eric Lampland; Eckels, Brittney N (Facilities & Services); Shonkwiler, Craig; Tony Vandeventer

Subject: RE: UC2B design review outcomes

Brandon, sorry for the late response, I have been on the road and away from my PC. Please see my response below in **RED**. Please call me with any further questions.

Thx,

J. Paul Duke
Telecom Project Manager

-----Original Message-----

From: Brandon Bowersox [mailto:brandonbowersox@gmail.com]

Sent: Monday, March 21, 2011 10:16 PM

To: Paul Duke

Cc: Deborah Frank Feinen; Jim Petro; Eric Lampland

Subject: UC2B design review outcomes

Hi Paul,

I have a few questions below about the UC2B design. After your Design Review, the Policy Committee approved most of the Recommendations and Suggestions you made. Basically, at this point I'd like to know if you were able to implement them all, or if any could not be implemented if you could give us a quick update or explanation. From the backbone map that was shared recently, I can't tell whether the campus routes were changed, if separate transport connections were added, or if the Urbana and Champaign cities would have a future node in their facilities.

Can you answer these quick questions about the Design Review Recommendations that were adopted:

"Establish Separate Transport Connections between Nodes 2, 8, 9"

I didn't see that on the new map, so have we accomplished this? If not, I'd appreciate an update or explanation (eg, it would have cost \$X more or taken Y more months that we don't have). **This has been incorporated in the design**

"Leverage Existing Facilities for Aesthetics and Open Access"

I believe both cities confirmed their future locations. Does that mean the rings will be routed past those facilities? From the map I didn't see nodes or ring re-routes in those places. Again, if we ended up not achieving this please let me know why (such as \$X or Y months). **This has also been incorporated in the design, both cities will have network access capabilities.**

At the future Urbana ILEAS location, it appears based on the red "ring routes" map that Urbana's rings do not directly pass by ILEAS. That is different than the 3 campus node locations where every ring and every strand of fiber directly goes through each node. Does that mean that Urbana's future node would not be able to provide the same function as the 3 campus nodes? If we do decide in the future to make Urbana's ILEAS location a node, given that it is not directly located on the rings, what needs to be done at that time?

"Consider Future Transport Options and Ring Interconnect"

This was a future item (not approved now). But we did decide to reserve fibers for it. Did we have enough fibers to reserve? **This still needs a decision. There is the capability to do this and it is a relatively low cost option that would provide for potential future needs.**

"Examine and consider modifications to 1.86 miles of shared ring paths"

Were you able to accomplish any of these changes? From the map I couldn't confirm these changes. Again, if we didn't achieve it please let us know why. **This was approved by the Policy Board and was considered in the design. When we produced our cost estimate at the DD phase this was one of the items that was cut to reduce the cost to within the budget.**

"Parallel Bidding of the easement-free design while we seek easements"

This was not in your written Design Review, but was discussed at the same time. One of the issues was IDOT charging us recurring fees. Do we have any more info on whether we'll need to pay IDOT and whether any negotiation has occurred? **This still needs to be resolved. The Policy Board has agreed that we could proceed with the proposed design until the conversation/negotiation with IDOT.**

Thanks in advance for any info you can provide. I really appreciate your design review and I am hoping that we were able to implement all of your recommendations and suggestions. Thanks,

Brandon
217-766-1166 (cell)

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UC2B Policy Committee
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