

UC2B

MINUTES

4-5-2011

3:30 P.M.

CHAMPAIGN COUNCIL CHAMBERS

MEETING CALLED BY	Fred Halenar
TYPE OF MEETING	UC2B Technical Committee
GENERAL ITEMS	<ul style="list-style-type: none"> • Fred Halenar called the meeting to order at approximately 3:35 p.m. • Quorum was verified – Silent Roll call was taken (see Roll Call sheet). • Approval of Agenda. Tony Vandeventer made motion. Mike Vrem 2nd. • Approval of 3/15 Minutes. David Young made motion. Tony Vandeventer 2nd.

#5.

POLICY COMMITTEE REPORT UPDATE

FRED HALENAR

DISCUSSION	<ul style="list-style-type: none"> ○ The Policy Board met on March 16th and discussed two issues: the structure of UC2B and the subcommittee report on minority and local work issues in which the policy was adopted.
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#6A.

ENGINEERING UPDATE AND ISSUES

MIKE SMELTZER

DISCUSSION	<ul style="list-style-type: none"> ○ Mike Smeltzer reported that Shive-Hattery was delivering the 95% drawings for the University today. The 95% drawings for Champaign and Urbana are to follow within the next two weeks. These will be reviewed and then become bid documents. ○ Mike Smeltzer reported that John Kersh is working on the revised map for the environmental assessment and that there will be a new 'finding of no significant impact' based on route revisions (Joanne Hovis's firm is handling this). ○ Tony Vandeventer reported that the plans still lack construction details and the specs/bid documents are very rough at this point. ○ Peter Folk provided a handout (see attachment below) for the committee; it was a request to add a couple changes to the engineering design. The first recommendation was to add one or two non-UIUC production class facilities to be included on each ring directly (either through or past the building directly) which could be alternate routes to meet bid release time frames; and the other recommendation was if budget shortages threaten the other aspects of the network design, then the design should be altered to consolidate multiple conduits and cables into a single conduit cable. ○ Discussion ensued regarding Peter Folks recommendations. ○ Fred Halenar opened Peter's recommendations up for a motion. ○ No motion made.
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#6B.

FTTP PROPOSAL UPDATE

MIKE SMELTZER

DISCUSSION	<ul style="list-style-type: none"> ○ Mike Smeltzer reported that the Board of Trustees approved the purchase and it now goes to the State Procurement Officer for approval (new position/process) and they have up to 30 days to review it. ○ Mike Smeltzer stated once the procurement is approved they will order chasses and ONT's for the residences, and as well, the Marketing committee would like to have public demonstrations.
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DISCUSSION	<p>Open Network and Network Offered Services (merged with Marketing Committee)</p> <ul style="list-style-type: none"> o No new update <p>IRU/Transport Contracts Recommendations (Bill DeJarnette, Chair)</p> <ul style="list-style-type: none"> o Next meeting is 9:30 a.m. Friday, April 8th at Urbana City Council Chambers
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DISCUSSION	<p>Tasks or Items for the next meeting:</p> <ul style="list-style-type: none"> o Mike Vrem suggested adding OSS/BSS back onto the agenda. Fred Halenar said he would check with the Policy Committee on the software specifications that had been postponed. o Fred Halenar reported that they are making progress on the UC2B corporate structure; right now they are using the Metcad model, and they are working on a lead agency. o Fred Halenar will add the voting in of the vice chair to the next meeting agenda. <p>Audience Participation:</p> <ul style="list-style-type: none"> o Peter Folk expressed concerns over how his audience participation is interpreted and stated that his goal is only to make UC2B as good as it can be. Peter requested feedback from the committee either in private or public. o Fred Halenar stated that the personal use of Peter's time is his decision but added that some of Peter's recommendations have been carried through to Policy and approved. In regards to that time commitment, it has made a difference. Fred Halenar also stated we do not all get what we want 100% of the time. o Fred Halenar made a general comment, that most of us governed in municipal government, like the City of Champaign, a public organization using a democratic process which is a lot slower than a business decision process. We open things up to public discussion and democratic process does take a lot longer to get through. The problem is we don't have the luxury of time in terms of meeting the requirements of the 60% and 100% usage of the grant funds. If we had to go beyond that, we could technically lose grant funds, and he would hate to lose that and not get the network done. <p>Committee Member Comments or Announcements:</p> <ul style="list-style-type: none"> o None <p>Tony Vandeventer made motion to adjourn. Mike Vrem 2nd. Meeting adjourned.</p> <p>Next Meetings:</p> <ul style="list-style-type: none"> o April 19, 2011 City of Champaign Council Chambers, 3:30 PM o May 3, 2011 City of Champaign Council Chambers, 3:30 PM
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Design concerns and Production-class Facilities on the fiber routes

Due to the lack of public input on the final fiber path layout, we have been unable to determine what, if any, of the design recommendations Eric Lampland proposed have been included in the final fiber layout.

Specifically, the last map that was released included **no** non-UIUC production-class facilities on the backbone of the routes.

I would like to request that the Tech Committee recommend the following to the Policy Committee, the two cities, and Shive-Hattery:

1. **That at least one, and if possible two, non-UIUC production-class facilities be included on each ring directly, as alternate routes if necessary to meet bid release time frames.** In Urbana, with a change that does not introduce new fiber paths (just changing laterals to backbones and vice versa), the ILEAS facility could serve as one of these facilities for rings 5-7. In Champaign, again with minor rerouting which in many cases *could* use existing conduit, the Prominic datacenter at Springfield and Neil St could serve as one of these facilities for rings 1-4. In Champaign, with basically no rerouting (just a move from street right-of-way to an adjacent building), the research park's Gateway building could serve as another of these facilities for rings 1, 2, 5, 6, and 7.
2. **That, if fund shortages threaten other aspects of the network design, the design be altered to consolidate multiple conduits and cables into one conduit/cable.** This does not impact the logical design of the network, but will reduce cost. It is feasible, for example, to replace 3 288ct cables with a single 864ct cable, and save about 50% of the cable cost and 66% of the conduit and installation cost.