

CHAMPAIGN COUNTY BOARD
COMMITTEE AGENDA

COUNTY FACILITIES

Tuesday, May 5, 2009 – 7:00 p.m.

Lyle Shields Meeting Room, Brookens Administrative Center
1776 East Washington, Urbana, IL

CHAIR: Beckett

MEMBERS: Bensyl, Cowart, James, Jay, Richards, Sapp, Smucker, Weibel

<u>AGENDA ITEM</u>	<u>PAGE NO.</u>
I. <u>CALL TO ORDER</u>	
II. <u>APPROVAL OF AGENDA/ADDENDUM</u>	
III. <u>APPROVAL OF MINUTES</u>	
A. April 7, 2009	1-15
IV. <u>PUBLIC PARTICIPATION</u>	
V. <u>COURTHOUSE MASONRY/BELL TOWER PROJECT</u>	
A. Project Spreadsheet	16
B. Request for Additional Professional Services	17-18
i. Amendment Number 5	19-20
ii. Amendment Number 6	21-22
iii. Amendment Number 7	23-26
iv. Amendment Number 8	27-29
VI. <u>CHAMPAIGN COUNTY NURSING HOME:</u>	
A. Update regarding Illinois Department of Public Health Life Safety Inspection Plan of Correction	30-36
VII. <u>PHYSICAL PLANT</u>	
A. Monthly Reports (<i>to be distributed</i>)	
VIII. <u>CHAIR'S REPORT</u>	
A. Jenny Putman Meeting Room Pictures	
IX. <u>COUNTY ADMINISTRATOR</u>	
A. Energy Policy	37-38
i. Approval of Energy Policy	
ii. Request for Professional Services Required for Energy Grant Funding (<i>to be distributed</i>)	
B. De-lamping Plan for Courthouse	39-43
C. East Urbana Interceptor Sewer Project	
1. Berns, Clancy & Associates Proposal for Professional Consulting Services	44-48

X. OTHER BUSINESS

XI. DESIGNATION OF ITEMS TO BE PLACED ON COUNTY BOARD
CONSENT AGENDA

XII. ADJOURNMENT

CHAMPAIGN COUNTY BOARD
COMMITTEE MINUTES

COUNTY FACILITIES COMMITTEE

Tuesday, April 7, 2009

John Dimit Meeting Room, Brookens Administrative Center
1776 E. Washington St., Urbana

MEMBERS PRESENT: Beckett, Bensyl, James, Jay, Sapp, Smucker, Weibel

MEMBERS ABSENT: Cowart, Richards

OTHERS PRESENT: Deb Busey, Alan Reinhart, Duane Northrup, Anna Hochhalter (City of Urbana), Mike Little (U-C Sanitary District)

AGENDA ITEM

Call to Order

Chair Beckett called the meeting to order at 7:00 p.m. A roll call confirmed a quorum present.

Approval of Agenda/ Addendum

MOTION by Jay to approve the agenda; seconded by James. There was no addendum. Motion carried.

Approval of Minutes – March 3, 2009

MOTION by James to approve the minutes of March 3, 2009; seconded by Smucker.

Mr. Smucker pointed out a typo on page 4 and questioned the wording used on page 2 in paragraph 3.

Motion carried to approve as amended.

Public Participation

There was no public participation

Courthouse Masonry/Bell Tower Project

Project Spreadsheet

MOTION by Bensyl to receive and place on file the project spreadsheet; seconded by Weibel.

Ms. Busey explained this does not reflect the reporting that was discussed at the last meeting. The architect is supposed to be reporting which portion of the expense is County obligation and which portion is Citizen's Committee obligation; at this point we do not have a clear picture on that and her understanding is that it may be done at the end of the project. When asked about the estimated split, Ms. Busey explained that \$1.15 million was the Clock & Bell Tower Committee responsibility.

Mr. Beckett stated because of the type of project this is, we had significant contingencies and we then found savings with the foundation. The project is going smoothly so we may be under budget and he has asked Mr. Inman to talk to the architect about how that money will be allocated between the County and the committee. When asked if the committee has raised all the money, Mr. Beckett reported they have raised around \$920,000 so they are still short about \$200,000.

Motion carried.

Public Defender & South Corridor Remodel

Mr. Inman referred to the 11 x 17 drawing provided to the committee. The drawing shows the new egress and moving down you have the station where by the jurors check in for jury assembly. Existing was a store front and this will be relocated toward the main corridor additionally the door that is currently one of the entrances to Public Defender would be relocated to the new main entrance area. The Public Defender space would create a lobby, they would have three stations there for administrative staff and the area where they vacated from the main entrance could be used for storage or future expansion. The current south entrance to the old Courthouse would be reconfigured, with a security door. If you had an emergency and jury assembly was occupied those folks would emergency egress to the north, people coming from second and third floors would come down and egress to the south, also the clients and the Public Defender's office would egress to the south area.

They are building permanent walls and will use minority contractors to complete about half that work. They do not believe the out-of-pocket cost will be over \$20,000 and most of that will be in labor because they are re-using almost everything.

Mr. Beckett stated he understands they have to do the emergency egress in the north because it is a life safety issue but asked why they have to do all the others. Mr. Inman explained if this becomes the public defender space they need the changes, Mr. Rosenbaum needs the space.

Mr. Jay stated he assumed this met code previously. Mr. Inman reported this is all because of one wall that the Public Defender needs with the security to have people occupy the space. When asked why this wasn't done previously, he explained the Public Defender brought this up after the fact and the only way to do what is necessary is to create this wall in the corridor. Half of this work will be done by minority contractors and half will be done by Roessler construction.

MOTION by Sapp to approve the Public Defender and South Corridor Remodel; seconded by Smucker. **Motion carried** with a 6/1 roll call vote. Voting yes was Bensyl, James, Sapp, Smucker, Weibel, and Beckett. Voting no was Jay.

Roof Replacement

Mr. Inman stated there are two reasons for this. One is to upgrade the energy efficiency of the roof by replacing the current shingles with energy star rated shingles and applying a deflective coating on the rubber membrane to reduce the energy cost. The second reason is the existing shingles on that roof are experiencing drastic reduced life cycle in the fact that this is our third project affecting that roof. The proposed shingles have a 40 year warranty and meet energy star performance levels.

At the March meeting they discussed having Roessler put together and distribute a bid package, they did that and Advanced Roofing, Ed Cain Roofing and Nogle and Black all submitted bids. The original estimate to do just the shingle portion of the roof was \$92,000-\$98,000 and the rubber membrane was \$40,000-\$45,000 so the initial estimate was in the range of \$132,000-\$143,000. When bids came in the shingled roof with energy star shingles came in at \$75,615 and the rubber membrane overlay came in at \$20,286. In addition there is also the flag pole issue and he is proposing installation of a new 30 foot flag pole on the apex of the spire. The flag pole issue came about when they put a flag on the highest point of the project and received an extreme amount of positive comment from the public and other individuals about the fact that it was done and the question then came up if it was going to be permanent. As a result, they looked into cost.

Because one of the impressive features of the original flag was the size, one criterion for this to be considered was that all operations for the flag pole would have to be internal to make changing the flag easier and safer and there is a manufacturer that specifically crafts flag poles with internal operation. The recommendation before the committee tonight is to accept the shingle roof replacement, epdm coating and the flag pole bid in the amount of \$110,901. Accepting this change in work will be reflected in a change order to Roessler Construction in said amount and funds are currently available in the Masonry, Stabilization and Restoration Project Budget.

Mr. Beckett stated the flagpole is at cost and the steel workers would donate the labor. He referred to a memo provided from Bruce Hannon on the issue of the flag that points out that other buildings in our area and nationally typically do not have a flag on the tower suggesting that it detracts from the tower and the project. He was also copied on an email from Dennis Roberts, to the chair, expressing his concern that we would put a pole on top of the tower; in addition, he also received an email today from Karen Kummer, head of PACA, opposed to putting a pole on top of the tower. One of the themes of the criticism of this is that the Citizens Committee went out and raised money with the view of the Courthouse as it was originally constructed in 1901 and people committed to give money to the project that way and now the county is changing the project by putting a pole up there when it should have been in the original design.

Mr. Weibel stated this is not on the agenda so he doesn't believe the committee should take action on it.

MOTION by James to approve the bid for the replacement of the roof, \$75,615 for the shingle roof and \$20,286 for rubber membrane overlay; seconded by Smucker.

Mr. Inman explained there is a rubber membrane down now that will stay in place, it will be cleaned and the new product applied. This will be an owners cost under contingency and there is currently \$369,000 left in contingency.

Mr. Smucker asked Mr. Inman what he estimates the cost savings are for using the rubber membrane and the energy star shingles. Mr. Inman stated they believe it is between 9-11% cost savings. When asked about the completion of the overall project he reported the project is 75% done.

Mr. Jay stated they are replacing a roof that is only 14 years old and asked if it is something that needs to be done now. Mr. Inman explained they have looked at the roof and the contractors that had to go across it on the other projects did their best not to damage it but once you start doing any kind of work on it, it immediately starts to degrade.

The shingles are so brittle they can't be repaired and because of past projects and what is being done now, the next thing to happen would be leaks. We would be lucky to get three more years out of that roof and then there would be additional cost.

Mr. Sapp asked if there is any risk that the bids were put out at a time where one company got unfair advantage because they are already set up to do the work? Mr. Inman stated either firm could have gone to Kenny Roessler and made a proposal on using the existing scaffolding.

Motion carried.

Champaign County Nursing Home Raterman Group Report

MOTION by Bensyl to receive and place on file; seconded by Smucker.

Mr. Beckett reported we found the spot we had been looking for, that had been coming back in every report, and it has been treated. Mr. Reinhart stated the spot, which was 6-8 feet long, was on one corner of one two by four.

Motion carried.

ACEC Award

Item for information only.

Update Regarding Illinois Department of Public Health Life Safety Inspection Plan of Correction

Mr. Inman reported that on February 18th IDPH came to the Nursing Home for a life safety inspection. We were then notified of 9 issues they found.

Mr. Beckett stated he would like to defer this item to the next meeting to allow the committee time to review a list of the deficiencies ahead of time. When asked if anything needs immediate attention from the committee, Mr. Inman explained that what needed to be taken care of has been.

ILEAS

Recommendation for Amendment to ILEAS lease to exercise option re-opener for August 2010 – August 2011

Mr. Inman explained ILEAS has requested to pre-pay another year of the lease at a cost of \$300,000. This will include utility costs.

MOTION by Bensyl to recommend County Board approval of the recommendation for amendment of ILEAS lease to exercise option re-opener; seconded by Smucker.

When asked why ILEAS wants to do this, Mr. Inman explained it is the security of knowing they have an additional year and it gets them in the frame of mind that this is permanent. The utilities are approximately \$120,000 and the issues that would raise those costs we have no control over.

Motion carried.

Physical Plant **Monthly Reports**

MOTION by Weibel to receive and place the monthly reports on file; seconded by James. **Motion carried.**

Ameren Reassignment Letters

Mr. Inman explained they received emails from Ameren in the intent to recoup the market share for those who have joined the consortium. Shortly thereafter, he received an email from the consortium indicating that it is not such a good deal because we would have to pay penalties for removing ourselves from the consortium. The City of Champaign was taking a look at this and after talking to them it looks like they are not going to remove themselves but will keep that option open if they are going to renew.

Ms. Busey stated we do not have an alternative to offer for not staying in the consortium over the next 12 months.

Ameren Hourly Supply Service Notification Requirements Letter

Addressed above.

Electricity Co-op Participation Email

Addressed above.

Chair's Report

Art on the Plaza

Proposed Intergovernmental Agreement

Memo

Drawing

Mr. Beckett explained they met last Thursday at the Courthouse and determined the news rack will run east to west and face out toward Main Street. The Sheriff approved of the location selected because he felt people would not just stop in the street but would pull in the parking lot. The secondary location discussed was running north and south adjacent to the planter area. Mr. Reinhart checked into it and the initial location will work well, they will bore into the concrete that is there and set it in place.

Ms. Hochhalter from the City of Urbana explained the project was initiated by the city when they identified concerns with the existing newspaper racks that are located on Elm and Broadway. They requested proposals from various artists have selected a design and now have worked out an intergovernmental agreement.

Mr. Beckett explained the Sheriff was present for the meeting and he is satisfied with the agreement. One of his concerns was being sued and the city has agreed to indemnify the County from any responsibility for that, if it were to happen. It is the city's project and they are putting up all the money to put the rack in and to maintain it over the time specified in the agreement. If for some reason we have to have it moved that is covered in the agreement as well. Our legal department has reviewed the agreement and agrees to everything.

MOTION by James to recommend County Board approval of the Proposed Intergovernmental Agreement placing a news rack at the county courthouse; seconded by Smucker.

When asked how many papers the rack will hold, Ms. Hochhalter explained it will hold 12 and they will look to see if they need to expand that. They are using a rack that is used in various cities, it has a uniform appearance and they have the option of offering both paying and free papers and they will be looking into that also. If there is any revenue it will belong to Urbana.

Mr. Beckett stated the assumption is that our Physical Plant Director will work with Urbana to make sure any complaints are addressed; there is no cost to the County.

Motion carried with a 6/1 roll call vote. Voting yes was Bensyl, James, Jay, Smucker, Weibel, and Beckett. Voting no was Sapp.

County Administrator

Energy Policy

Department Head Comments

Approval of Energy Policy

Mr. Inman explained this is the first go around trying to implement some of the things brought before the committee by the representative from SEDAC at the U of I. When this was last before the committee it was in draft form, he has included department head comments in the agenda and the policy has had changes made to it.

MOTION by Smucker to approve the energy policy; seconded by Bensyl.

Mr. James pointed to item 8 g where it states employees are encouraged to follow energy practices, he thinks it will be a nightmare if we keep using that wording.

Mr. Smucker stated there are certain things that use very little energy that make an office nice and he can understand why people would want that stuff but there needs to be a balance. These employees spend 8 hours a day in these rooms and he is not going to define what comfortable means to each person.

Mr. Jay stated at some point, as owners of the facilities, they need to draw a line on some of this stuff allowed, such as candles. Mr. Sapp stated the electric candles he is not opposed to it is the burning ones that are an issue, and all things need to be on a motion sensor and then there is the issue of who will pay for the sensor.

Mr. James stated he has suggested the county have a central supply office and if an employee wants something they will have to buy it or lease it from the County.

Mr. Beckett stated he doesn't feel like the wording included in the policy is where the committee asked it to be.

MOTION by Bensyl to defer the energy policy; seconded by James. **Motion carried**

**Proposed Easement for East Urbana Interceptor Sewer Project
Sanitary Sewer Easement
IDOT Appraisal Report
Memo**

Mike Little, from the Urbana-Champaign Sanitary District, provided the committee with various handouts regarding the project. He explained this project will reconstruct the existing Myra pump station located out on High Cross Road, move it to the south and deepen it for future capacity east of High Cross Road. To make that work, they will build a force main from that location all the way back to the districts north east treatment plant. It can't be located on the right of way so the district has proposed a route and permanent and temporary easements along that route.

One of the maps distributed showed the County property along east Main Street and the force main they would construct and the temporary and permanent easement lines that are necessary for that construction. The force main is being located immediately south of the existing right of way therefore on County property. The district has had all of these various easement requirements appraised and they have acquired 12 easements so far, both temporary and permanent, and the last one is the one on county property. They have had some discussions with Mr. Inman and the county engineer and have worked out some final language to be used in the document.

Mr. Little explained they have taken the easement document from the agenda and added some language to address the final comments in the memo distributed; the district is willing to agree to those final comments with 2 exceptions. There is a clause under paragraph C where the district would like to propose 5 years in place of ten years for the amount of time the grantee will return to the property to correct defects to utilities or other site features that were disturbed by the construction. Five years is longer than what is generally agreed to in these agreements but they are willing to accept that. The other change is regarding the response for emergency situations. They would reimburse the County for any out-of-pocket expense as a result of a response to the emergency during construction. The other item is changing total easement fee to total easement reimbursement fee.

Mr. Beckett stated he has an email from David DeThorne indicating he has reviewed the documents and he concurs with Denny's proposal indicating there were some policy decisions there that are not necessarily legal and any other issues we have for discussion are regarding cost, if we give it to them for \$1.00 or if they pay us \$23,000.

MOTION by Bensyl to approve the easement for East Urbana Interceptor Sewer Project; seconded by Weibel.

Mr. Little explained they have acquired 12 other easements in this process, the Park District and Urbana School District and the rest are private individuals or private corporations. The same appraiser determined the value for all. The Menards Corporation that owns property granted an easement at no cost. With the new pump station they are making it larger and deeper so it can serve further to the east, the areas off the west of High Cross Road are already served by the existing pump station. They will be going to Cottonwood Road almost from 74 south to Windsor and back west about a half mile.

Mr. Little explained the other component to this has to do with the reimbursement of expenses. The County has proposed \$18,800 out of pocket expenses associated with this easement; the appraisal which is the value of the land and the out of pocket that the County is claiming. They understand costs and are certainly willing to reimburse the county for any extra cost although the Park District did not take any compensation. The reimbursement costs the County has claimed include engineering consultant, on-site staff during construction staff material costs with a total of \$18,800 which is separate from the \$23,000. When asked about their funding source, Mr. Little explained half will be out of the districts revenue and half from the City of Urbana. The project costs are financed through a state revolving loan, the district will borrow and pay it back over 20 years. That money to pay back the loan comes from fees the district assesses.

Mr. Beckett stated the motion on the floor approves the documents as they are currently written which means it has them paying \$1.00 plus the reimbursement costs.

Mr. Sapp asked if the project is being done by the Sanitary District why there is a \$15,000 engineering fee from the County. Mr. Inman explained during the time Mr. Little came to the county with a proposal we were doing the fleet building and using Berns Clancy for that project so they assisted us in our discussions with the Sanitary District and would help us as needed from this point on. We have held back bills until all the documents were approved and these are all the costs.

Mr. Little explained they will bore under driveways so they will not have to close any. The contract will restore the area and you will have a one year guarantee, beyond that the district has agreed for five years to correct defects. After five years the construction restoration would be the responsibility of the property owner but the main is always their responsibility.

Mr. Beckett stated the documents say ten years and they are proposing five. **MOTION** by Bensyl to amend the motion on the floor to a five year warranty period; seconded by Weibel. **Motion carried** with Jay opposed.

Original motion carried with a 1/1 roll call vote. Voting yes were Bensyl, James, Sapp, Smucker, Weibel, and Beckett. Voting no was Jay.

Conceptual Approval of the relocation of County Morgue and Coroner office operations to the Gill Building

Mr. Northrup explained he met with Mr. Inman expressing complications he is having in his office. They have had an increase in indigent cases, where there is no family member to contact. On average they do one to two cases like this per year, this year they have already done 4 and he expects that number to grow. When they have cases like this there are legal hoops they have to jump through and it takes between 30-60 days to get a case like that finalized and that is where he gets into storage or containment issues.

He explained that for years now they have had a 3 body refrigeration unit at a local funeral home where they would keep cases until either the autopsy or final disposition arrangements. Three times since January 1 they have been in the situation where they were trying to find people and had more than 3 bodies to store, when the weather was cold enough they could keep bodies outside of the refrigeration unit but as temperatures get warmer that will not be possible. The facility they use has no cooling except the refrigerator and the temperatures in the summer can surpass 90 degrees. When someone dies, if it is not a spouse, there is no legal obligation to pay for arrangements or handle them but there are some statutes that deal with abusing a corpse if we are not taking care of them. Mr. Inman suggested they look at the Gill building and possibly moving his operation to that facility. Along with that, Mr. Inman approached Carle Hospital about the plans for a multiple fatalities call for refrigerated trailers, he talked to Carle about using some grant money to purchase refrigerated units for the county and in turn we will help Carle with bodies in a mass issue. Carle was enthusiastic about the idea and willing to work with us.

Mr. Inman explained when they looked at other options; one was the morgue in the old nursing home. It is in the basement and there are flooding issues along with the height of the ceilings which would cost to fix. There will be no autopsies done in this location, just storage. All inquests and other meetings that take place in other areas would also be at the Gill building. After reviewing the site, the Gill building is the best plan of space available.

Mr. Northrup stated there is sufficient office space there along with enough room for all their files, reception area and storage. It has great potential to meet all their needs with the exception of autopsies.

When asked if the agreement with Carle is addressed in the recommendation Mr. Inman put before the committee, Mr. Beckett explained at this point they are just talking about the concept so they can move forward to develop plans and look at cost.

There will be the need for some work to be done but that will be completed by our physical plant staff and no architect will be needed. Mr. James reminded the committee that Ms. Frank wanted some storage in that building. Mr. Beckett stated she wants to move small claims closed files to that building and in approving this concept they will be looking at the overall building.

Mr. Inman explained that approval of the grant with Carle would be the end of April so details would come to the May meeting to let the committee know how much will be received and an itemized list of what needs to be done. They would need to do some phone work, paint, work on the front entry and locks and that is the extent right now.

Mr. Northrup stated one of the things about the building that is appealing to Carle are the multiple overhead doors, including one right where the refrigeration unit would be so they could back their vehicle in to load and unload. There are loading docks for semi trailers and in the event the county would have a catastrophe we would have the ability to bring the deceased into the facility and cycle them through.

Mr. Bensyl asked about power supply to the refrigeration units and Mr. Inman explained they believe it will be fine but they will sit down with the unit itself, he will also look at the roof and what the lease says about that.

When asked about autopsies being done in this facility, Mr. Northrup explained they now do them in Bloomington and currently don't have facilities set up to do them nor a pathologist to perform them if we did have the facility. He believes even if we did have the facility, we wouldn't have a pathologist to do them because they don't like to travel and unless we wanted to pay them their going rate it would be hard to find one to come here. He currently pays a fee to Bloomington to use their facility and their pathologist does our autopsies for us.

Mr. Inman explained currently the administrative area and small storage area is being used for County Clerk supplies which would be transferred to the south highway building. There is 2500 square feet for ILEAS and we also store two emergency response trailers for them. There is also some of the masonry project there as well as physical plant equipment but there is nothing that would need to be moved before this can happen. When asked about the current lease, he stated upon approval of this he will meet with Mr. Harrington to show him the plans, the way it is constructed he doesn't believe it will change anything.

Mr. Jay stated when we got the gill building we weren't sure we were going to have it permanently, he concurs that the Coroner needs more space but he is not sure if we want to make this commitment to this building that doesn't even belong to us and he doesn't feel it is very efficient use of the building. Ms. Busey stated the rent per year is \$70,000.

Mr. Beckett asked what he would suggest we do and Mr. Jay stated he isn't sure why we didn't provide a bay to the Coroner in the old highway building because now we are committing ourselves to another project.

Mr. Beckett explained at this point they are committing to looking at options. Since he has been chair of Facilities and Mr. Northrup has been Coroner he has come to them many times looking for help and he doesn't feel it is fair to his office, they have a responsibility to support him.

Mr. Northrup stated there are coolers they looked at that are made to sit outside, the complication with that is security but there is the possibility that if we were to move into that building and needed to move out the cooler could be moved. Some of the coolers he looked at stated they are energy efficient and Mr. Smucker encouraged him to look into that. Mr. Smucker asked if there is any other alternative, if we are paying \$70,000 per year how many years down the road will it be before we could have bought ourselves a building.

Ms. Busey stated we are at the point in the lease where we could get out of it if we needed to there is also an option to purchase the building with the lease. There is no money for capital projects. She believes they could talk about a lease purchase.

Mr. James stated they should look at other buildings within our county that would serve this need that could be inexpensive. He mentioned a nice cold storage building in Rantoul that could have been used for this and asked why we couldn't look outside of this area for something that suites the need.

MOTION by Bensyl to approve the concept of relocating the Coroners office to the Gill building with a report back in May to detail cost and options; seconded by James.

Mr. Smucker asked how much of a difficulty it would be to locate outside of the city. Mr. Northrup stated it would be pretty difficult because a large number of cases they handle are at Carle and Provena and in Champaign-Urbana, if they were located in Rantoul we would be driving back and forth on a daily basis at least once or twice. His opinion is that the operation should be somewhere in Champaign-Urbana because that is where their case load comes from. Mr. Smucker stated he has a preference to finding a permanent building to put the Coroner in as opposed to a rental and he would like to hear alternative possibilities.

Mr. Beckett stated he has been the chair since 2000 and has studied this issue three or four times and the same answer has come up every time, we don't have any money and no way of getting any money. He is open to suggestion.

Mr. Inman stated the next opportunity would be if there is an expansion of the satellite jail, it could be incorporated into that facility

Mr. Northrup stated they do pay \$2,400 to have their current cooler where it is located now plus the rental fee paid to the civic center.

Mr. Weibel asked Ms. Busey to research what a lease purchase might cost us.

Motion carried with a 5/1 roll call vote. Voting yes was Bensyl, James, Smucker, Weibel, and Beckett. Voting no was Jay. Sapp abstained.

De-lamping Plan for Courthouse

Mr. Inman explained, in attempting to reduce utility costs, he has come up with a de-lamping plan for the Courthouse complex. He went through and audited the number of fixtures currently in place in the Courthouse, identifying possible fixtures that could be de-lamped and identifying security fixtures and that is included with the information he distributed to the committee. In the plan there is a broad definition of de-lamping and can include removing one or more lamps from a fixture, replacing a total number of fixtures in an area, electrically disconnecting fixtures but leaving them in place, replacing existing lamps with lower wattage lamps, and replacing light fixtures not energy efficient with those that are upon failure and the last thing is adding occupancy sensors. He would meet with department heads to review the plan and they could only de-lamp when the department, Facilities Committee and administration are in agreement. There are quite a few number of offices that also have windows so those you could de-lamp more than an interior work space. He would make sure they are within all guidelines for lighting before de-lamping and after. The second phase would include our physical plant actually disconnecting electricity but that would not be done until everyone agrees that the plan would work. Once the energy issues are handled there is a tendency to go back and add in lights so when there is a request for that, the official would write a memo to Ms. Busey stating they need more lighting and it would come before County Facilities and everyone would have to agree before anything would be done.

Mr. Beckett stated this might include an amount of micro-managing that is a little beyond what he envisioned for this committee and asked if Mr. Reinhart could be appointed as the County Energy Officer. Mr. Inman stated they are talking about a significant amount of money savings and the committee would get a monthly report.

Mr. Beckett asked what the committee needs to do to the policy to appoint an administrative energy person and what the committee has to do to change what was presented to them. Mr. Inman stated it is done just by the committee's comments and they will see more information when it comes back.

Other Business

Semi-Annual Review of Closed Session Minutes

Mr. Beckett reported he heard from Dave DeThorne and there is basis to keep all closed session minutes closed.

MOTION by Jay to maintain all closed session minutes as closed; seconded by James. **Motion carried.**

Mr. Beckett stated when he looked at the minutes they did discuss having Ms. Putman's picture in her meeting room and asked if anyone had strong opposition to doing that. He will include that item on the May agenda.

Designation of items to be placed on the County Board Consent Agenda

Item VI A will be placed on the consent agenda.

Adjournment

Chair Beckett declared the meeting adjourned at 9:06 p.m.

Respectfully Submitted,

Tiffany Talbott
Administrative Secretary

COURTHOUSE MASONRY STABILIZATION & RESTORATION PROJECT

Prepared By: E Boatz 5/05/09

	ORIGINAL CONTRACT	CHANGE ORDERS	CONTRACT TOTAL	PAYMENTS THIS MONTH	PAYMENTS YEAR TO DATE	BALANCE TO FINISH
Original Project Budget	\$6,747,552.14					
Current Budget w/Change Orders	\$6,870,140.28					
<u>Architect Fees-White & Borgognoni</u>						
Basic Service	\$425,641.74			\$0.00	\$378,711.48	\$46,930.26
Amendment #1-Option 4 Tower		\$43,425.00		\$0.00	\$38,989.71	\$4,435.29
Amendment #2-Temp Cool/Jury Assembly		\$853.40		\$0.00	\$853.40	\$0.00
Amendment #3-Tower Exit		\$6,221.74		\$0.00	\$6,221.74	
Total Architect Fees	\$425,641.74	\$50,500.14	\$476,141.88	\$0.00	\$424,776.33	\$51,365.55
<u>Reimbursables-White & Borgognoni</u>						
Analysis/Testing; On-site Observation	\$98,092.72			\$0.00	\$52,130.95	\$45,961.77
Amendment #1 - Option 4 Tower		\$7,494.18	\$105,586.90			\$7,494.18
Miscellaneous Reimbursable Expenses	\$39,839.50			\$0.00	\$31,436.94	\$8,402.56
Amendment #1- Option 4 Tower		\$20,593.82	\$60,433.32	\$0.00	\$1,298.43	\$19,295.39
Total Reimbursable Expenses	\$137,932.22	\$28,088.00	\$166,020.22	\$0.00	\$84,866.32	\$81,153.90
<u>Building Const - Roessler Const</u>						
Existing Building	\$2,787,950.00	\$73,049.57	\$2,860,999.57	\$0.00	\$1,916,618.40	\$944,381.17
Tower	\$2,804,150.00	\$67,251.23	\$2,871,401.23	\$0.00	\$1,927,381.60	\$944,019.63
Owner Items		\$108,468.31	\$108,468.31	\$20,397.00	\$108,468.31	
Contingency	\$591,878.18	-\$248,769.11	\$343,109.07			\$343,109.07
Total Building Construction	\$6,183,978.18	\$0.00	\$6,183,978.18	\$20,397.00	\$3,952,468.31	\$2,231,509.87
<u>Additional Contracts</u>						
Todd Frahm - Gargoyles		\$44,000.00	\$44,000.00		\$29,500.00	\$14,500.00
Total Additional Contracts	\$0.00	\$44,000.00	\$44,000.00	\$0.00	\$29,500.00	\$14,500.00
PROJECT TOTAL	\$6,747,552.14	\$122,588.14	\$6,870,140.28	\$20,397.00	\$4,491,610.87	\$2,378,529.32

% of Project Paid to Date

65.38%



CHAMPAIGN COUNTY ADMINISTRATIVE SERVICES

1776 EAST WASHINGTON
URBANA, IL 61802
(217) 384-3776
(217) 384-3765 – PHYSICAL PLANT
(217) 384-3896 – FAX
(217) 384-3864 – TDD
Website: www.co.champaign.il.us

ADMINISTRATIVE SUPPORT
DATA PROCESSING
MICROGRAPHICS
PURCHASING
PHYSICAL PLANT
SALARY ADMINISTRATION

To: Steve Beckett, Chair of County Facilities
County Facility Committee

From: Denny Inman, County Administrator/ Facilities & Procurement

Date: May 1, 2009

Re: Courthouse Masonry Restoration & Stabilization Project –
Request for Additional Professional Architectural/Engineering Services.

ISSUE:

The County Administrator/Facilities & Procurement requests approval of additional Architectural/Engineering Services to address issue associated with the masonry project. In general, the requested services are for additional masonry stabilization, interior space retrofitting, energy efficiency, security, and exterior finish aesthetics.

REPORT:

1. The County Board and White & Borgognoni Architects, P.C. (WBA) has a contractual arrangement for the masonry restoration and stabilization of the Champaign County Courthouse. The original contract is \$425,641.74. The County Board has previously approved the following contract amendments:

a. Amendment 1: Tower Reconstruction Option 4 -	\$43,425.00
b. Amendment 2: Temporary Cooling/Temporary Jury Assembly:	\$853.40
c. Amendment 3: Tower Exit:	\$6,221.74
d. Amendment 4: Security Camera	<u>\$4,130.73</u>
	\$54,630.87

2. Proposed Amendment #5 in the amount of \$10,129.12. This amendment covers unforeseen changes in scope work from the original contract. In particular the shifting of responsibility to the general contractor for the removal, restoration, and installation of the clock faces, unforeseen conditions with existing stone in west arch and foundation, and the redesign of the Tower lightning protection system. This amendment addresses work that has been performed.

3. Proposed Amendment #6 in the amount of \$2,815.00. The proposed scope of work entails the replacement of the existing bollard security system throughout the Courthouse Plaza and the incorporation of new fixtures at the new north exit. The existing bollard system is failing due to seasonal application of rock salt and not longer functions as security deterrent.
1. Proposed Amendment #7 in the amount of \$23,388.00. The required scope of work entails the masonry reconstruction of the existing south entrance with security enhancements, incorporation of south corridor space into the Public Defenders office suite, retrofitting of existing temporary Jury Assembly area into functional communal space, security, and HVAC energy efficiency modifications to all spaces.
5. Proposed Amendment #8 in the amount of \$11,738.20. The proposed scope of work includes the design of the exterior pedestrian pathways, final landscaping plan for the north side of the Courthouse, and the replacement of the existing paver system on the Courthouse Plaza.
6. The proposed amendments are presented as the final anticipated contractual changes in scope of work for WBA. Unless there are additional County Board request for project changes there will not be a request by WBA for additional compensation.

RECOMMENDATION:

I request the County Facilities Committee recommend to the County Board approval of proposed Amendments 5, 6, 7, and 8 to existing White & Borgognoni contract for aforementioned professional Architectural/Engineering services. Funds are available to meet this monetary request.



AMENDMENT NUMBER: 5

DATED: April 29, 2009

TO: AIA Document B141/1997 - Standard Form of Agreement Between Owner and Architect with Standard Form of Architect's Services

DATED: March 30, 2007

**BETWEEN the OWNER: Champaign County
 Brookens Administrative Center
 1776 East Washington Street
 Urbana, Illinois 61802**

**and the ARCHITECT: White & Borgognoni Architects, P.C.
 212 North Illinois Avenue
 Carbondale, Illinois 62901.**

for the PROJECT: Champaign County Courthouse Masonry Stabilization & Restoration

* * *

The following terms and conditions modify "AIA Document B141, Standard Form of Agreement Between Owner and Architect/1997" executed on March 30, 2007 by the Owner and the Architect as named above. The Owner and Architect agree as set forth below.

1.	Original Basic Services Compensation	\$ 425,641.74
	Amendment #1 Tower Reconstruction Option 4	\$ 43,425.00
	Amendment #2 Temporary Cooling Jury Assembly Room	\$ 853.40
	Amendment #3 Tower Exit	\$ 6,221.74
	Amendment #4 Security Camera System, Change Order #12	\$ 4,130.73
	Amendment #5 Miscellaneous	
	GHR	\$ 5,359.12
	WBA	<u>\$ 4,770.00</u>
		\$10,129.12
	Revised Basic Services Compensation	\$ 497,543.91

**Amendment Number 5
to Agreement between Owner and Architect
for Champaign County Courthouse Masonry Stabilization & Restoration
Page 2**

- 1. Reimbursable Expenses remain the same at \$166,020.22

- 2. The Owner and Architect agree that the remaining terms of the AIA Document B141/1997 as executed on March 30, 2007 are the same and are not affected by this Amendment.

This Amendment Number 5 entered into as of the day and year first written above.

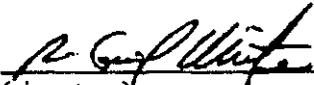
OWNER: Champaign County

 (signature)
 Denny Inman
 Champaign County Administrator

ATTEST:

 (signature)
 Mark Sheldon, Champaign County Clerk
 and *ex officio* Clerk of the Champaign
 County Board

ARCHITECT: White & Borgognoni Architects, P.C.



 (signature)
 R. Gail White, Principal Architect
 White & Borgognoni Architects, P.C.



AMENDMENT NUMBER: 6

DATED: April 30, 2009

TO: AIA Document B141/1997 - Standard Form of Agreement Between Owner and Architect with Standard Form of Architect's Services

DATED: March 30, 2007

**BETWEEN the OWNER: Champaign County
Brookens Administrative Center
1776 East Washington Street
Urbana, Illinois 61802**

**and the ARCHITECT: White & Borgognoni Architects, P.C.
212 North Illinois Avenue
Carbondale, Illinois 62901.**

for the PROJECT: Champaign County Courthouse Masonry Stabilization & Restoration

The following terms and conditions modify "AIA Document B141, Standard Form of Agreement Between Owner and Architect/1997" executed on March 30, 2007 by the Owner and the Architect as named above. The Owner and Architect agree as set forth below.

1.	Original Basic Services Compensation		\$ 425,641.74
	Amendment #1 Tower Reconstruction Option 4		\$ 43,425.00
	Amendment #2 Temporary Cooling Jury Assembly Room		\$ 853.40
	Amendment #3 Tower Exit		\$ 6,221.74
	Amendment #4 Security Camera System, Change Order #12		\$ 4,130.73
	Amendment #5 Miscellaneous		\$ 10,129.12
	Amendment #6 Bollards		
	IGW	\$ 2,430.00	
	White & Borgognoni	\$ 415.00	
		\$ 2,845.00	\$ 2,845.00

**Amendment Number 6
to Agreement between Owner and Architect
for Champaign County Courthouse Masonry Stabilization & Restoration
Page 2**

- | | | |
|----|---|---------------|
| | Revised Basic Services Compensation | \$ 493,246.73 |
| 1. | Reimbursable Expenses remain the same at | \$ 166,020.22 |
| 2. | The Owner and Architect agree that the remaining terms of the AIA Document B141/1997 as executed on March 30, 2007 are the same and are not affected by this Amendment. | |

This Amendment Number 2 entered into as of the day and year first written above.

OWNER: Champaign County

 (signature)
 Denny Inman
 Champaign County Administrator

ATTEST:

 (signature)
 Mark Sheldon, Champaign County Clerk
 and *ex officio* Clerk of the Champaign
 County Board

ARCHITECT: White & Borgognoni Architects, P.C.



 (signature)
 R. Gail White, Principal Architect
 White & Borgognoni Architects, P.C.



AMENDMENT NUMBER: 7

DATED: April 30, 2009

TO: AIA Document B141/1997 - Standard Form of Agreement Between Owner and Architect with Standard Form of Architect's Services

DATED: March 30, 2007

BETWEEN the OWNER: Champaign County
Brookens Administrative Center
1776 East Washington Street
Urbana, Illinois 61802

and the ARCHITECT: White & Borgognoni Architects, P.C.
212 North Illinois Avenue
Carbondale, Illinois 62901.

for the PROJECT: Champaign County Courthouse Masonry Stabilization & Restoration

The following terms and conditions modify "AIA Document B141, Standard Form of Agreement Between Owner and Architect/1997" executed on March 30, 2007 by the Owner and the Architect as named above. The Owner and Architect agree as set forth below.

1.	Original Basic Services Compensation	\$ 425,641.74
	Amendment #1 Tower Reconstruction Option 4	\$ 43,425.00
	Amendment #2 Temporary Cooling Jury Assembly Room	\$ 853.40
	Amendment #3 Tower Exit	\$ 6,221.74
	Amendment #4 Security Camera System, Change Order #12	\$ 4,130.73
	Amendment #5 Miscellaneous	\$ 10,129.12
	Amendment #6 Bollards	\$ 2,845.00

**Amendment Number 7
to Agreement between Owner and Architect
for Champaign County Courthouse Masonry Stabilization & Restoration
Page 2**

Amendment #7 First Floor Modifications

GHR	\$11,943.00	
IGW	\$ 5,400.00	
White & Borgognoni	<u>\$ 6,045.00</u>	
	\$23,388.00	\$ 23,388.00

Revised Basic Services Compensation \$ 531,634.73

1. Reimbursable Expenses remain the same at \$ 166,020.22

2. The Owner and Architect agree that the remaining terms of the AIA Document B141/1997 as executed on March 30, 2007 are the same and are not affected by this Amendment.

This Amendment Number 7 entered into as of the day and year first written above.

OWNER: Champaign County

(signature)
Denny Inman
Champaign County Administrator

ATTEST:

(signature)
Mark Sheldon, Champaign County Clerk
and *ex officio* Clerk of the Champaign
County Board

**Amendment Number 7
to Agreement between Owner and Architect
for Champaign County Courthouse Masonry Stabilization & Restoration
Page 3**

ARCHITECT: White & Borgognoni Architects, P.C.



(signature)

R. Gail White, Principal Architect
White & Borgognoni Architects, P.C.



AMENDMENT NUMBER: 8

DATED: April 30, 2009

TO: AIA Document B141/1997 - Standard Form of Agreement Between Owner and Architect with Standard Form of Architect's Services

DATED: March 30, 2007

BETWEEN the OWNER: Champaign County
Brookens Administrative Center
1776 East Washington Street
Urbana, Illinois 61802

and the ARCHITECT: White & Borgognoni Architects, P.C.
212 North Illinois Avenue
Carbondale, Illinois 62901.

for the PROJECT: Champaign County Courthouse Masonry Stabilization & Restoration

The following terms and conditions modify "AIA Document B141, Standard Form of Agreement Between Owner and Architect/1997" executed on March 30, 2007 by the Owner and the Architect as named above. The Owner and Architect agree as set forth below.

1. Original Basic Services Compensation	\$ 425,641.74
Amendment #1 Tower Reconstruction Option 4	\$ 43,425.00
Amendment #2 Temporary Cooling Jury Assembly Room	\$ 853.40
Amendment #3 Tower Exit	\$ 6,221.74
Amendment #4 Security Camera System, Change Order #12	\$ 4,130.73
Amendment #5 Miscellaneous	\$ 10,129.12
Amendment #6 Bollards	\$ 2,845.00

**Amendment Number 8
to Agreement between Owner and Architect
for Champaign County Courthouse Masonry Stabilization & Restoration
Page 2**

Amendment #7 First Floor Modifications \$ 23,388.00

Amendment #8 Landscaping/Pavers

GHR	\$ 690.42	
IGW	\$ 5,197.78	
White & Borgognoni	<u>\$ 5,850.00</u>	
	\$11,738.20	\$ 11,738.20

Revised Basic Services Compensation \$ 543,372.93

1. Reimbursable Expenses remain the same at \$ 166,020.22

2. The Owner and Architect agree that the remaining terms of the AIA Document B141/1997 as executed on March 30, 2007 are the same and are not affected by this Amendment.

This Amendment Number 8 entered into as of the day and year first written above.

OWNER: Champaign County

(signature)
Denny Inman
Champaign County Administrator

ATTEST:

(signature)
Mark Sheldon, Champaign County Clerk
and *ex officio* Clerk of the Champaign
County Board

**Amendment Number 8
to Agreement between Owner and Architect
for Champaign County Courthouse Masonry Stabilization & Restoration
Page 3**

ARCHITECT: White & Borgognoni Architects, P.C.



(signature)
R. Gail White, Principal Architect
White & Borgognoni Architects, P.C.

CCNH - 2/18/09 Annual Life Safety Code Inspection

4/30/2009

Item	Prefix Tag	Regulatory Citation	Description	Location	Action
1	K015 SS=E	NFPA 101 Life Safety Code 10.2.3 & 19.3.3.2	Failed to provide flame spread rating documentation for wall coverings installed in spaces other than corridors		County tested material for fire rating - Test confirmed material not fire rated. Otto Baum to replace.
			Fiberglass Reinforced Panels (FRP) LP-F8 .090 is not fire rated/Class C. Fire Rated number is LP-F9-FR 090	Soiled Utility Room - Unit 3 Smoke Zone	
			Fiberglass Reinforced Panels (FRP) LP-F8 .090 is not fire rated/Class C. Fire Rated number is LP-F9-FR 090	Kitchen in the Dietary Smoke Zone	
			Fiberglass Reinforced Panels (FRP) LP-F8 .090 is not fire rated/Class C. Fire Rated number is LP-F9-FR 090	Janitor's Closet in Unit 4 Smoke Zone	
			Fiberglass Reinforced Panels (FRP) LP-F8 .090 is not fire rated/Class C. Fire Rated number is LP-F9-FR 090	Janitor's Closet in ARD Smoke Zone	
2	K025 SS-E	NFPA 101 Life Safety Code 8.3 & 19.3.7.3	Failure to maintain smoke barrier walls		IDPH Informed CCNH/Administrator the issue has been removed from deficiency list for this year.
			NFPA 1010 Section 19.3.7.3 & 8.3 - Failed to extend to roof structure	Wall between Dietary Smoke Zone & Administration Smoke Zone	
			NFPA 1010 Section 19.3.7.3 & 8.3 - Failed to extend to roof structure	Walls separating Dietary Smoke Zone & West Dining Smoke Zone	
			NFPA 1010 Section 19.3.7.3 & 8.3 - Failed to extend to roof structure	Walls separating Unit 4 Smoke Zone & ARD Smoke Zone	

30

Item	Prefix Tag	Regulatory Citation	Description	Location	Action
3	K 029 SS=E	NFPA 101 Life Safety Code 2000 Edition Section 19.3.2.1	Failed to provide properly rated self closing doors & walls to provide separation between hazardous areas and exist access.	Adult Daycare Storage Room	Item Resolved.
			Adult Daycare Storage Room is greater than 50 s.f. & is hazardous area. Door held open by device not tied to fire alarm system - wooden box.		
			West Dining Room Smoke Zone Medical Records Rm is greater than 50 s.f. and is hazardous area due to combustibile paper. Door is held open by device not tied to fire alarm panel - held open by wooden box.	West Dining Room Smoke Zone Medical Records.	
			Unit 4 Smoke Zone Mechanical Rm ceiling had 4 sprinkler heads w/holes in drywall next to sprinkler heads	Unit 4 Smoke Zone Mechanical Rm	
			Operable Laundry Door in the Basement Smoke Zone did not latch to fixed door.	Basement Smoke Zone	
4	K038 SS=E	NFPA 101 Life Safety Code 7.1.6, 7.1.7 & 19.2	Failure to prevent a change of elevation greater than 1/4" on the exit discharge path to public way.	Unit 4 Smoke Zone	
			Exit path to public way from Unit 4 Smoke Zone, exit dr RM 420 had rise greater than 1/4". Rise at threshold of dr & concrete stoop meet was 1/2" - trip hazard.		

Item	Prefix Tag	Regulatory Citation	Description	Location	Action
4	K038 SS=E	NFPA 101 Life Safety Code 7.1.6, 7.1.7 & 19.2	Exit path to public way from Unit 2 Smoke Zone, exit dr RM 231 had rise greater than 1/4". Rise at threshold of dr & concrete stoop meet was 3/4" - trip hazard.	Unit 2 Smoke Zone	
			Failure to prevent a change of elevation greater than 1/4" on the exit discharge path to public way.		County will contact Concrete Rising who specializes in leveling sidewalks.
			Exit path to public way from Unit 2 Smoke Zone, exit dr RM 222 had rise greater than 1/4". Rise at threshold of dr & concrete stoop meet was 3/4" - trip hazard.	Unit 2 Smoke Zone	Work completed mid-April at a cost of \$1,500.
5	K050 SS=C	NFPA 101 Life Safety Cod	Failure to provide fire drills as required.		Completed
6	K056 SS=E	NFPA 101 Life Safety Code NFPA 2000 Ed, Sect. 19.3.5, NFPA 13, 1999, and NFPA 25	Failed to install & maintain automatic sprinkler protection		Completed
			Sprinkler head is too close to surface mounted light fixture. Sprinkler is 6" from fixture but not flush with fixture per NFPA 13. Sprinkler is 3" shorter than fixture and will not operate as designed.	Unit 3 Smoke Zone Janitors Closet	
			Sprinkler is missing the trim ring at drywall ceiling which leaves a hole in rated ceiling. Open edge of drywall could cause sprinkler head to not function properly.	Unit 4 Smoke Zone Mechanical Rm	

Item	Prefix Tag	Regulatory Citation	Description	Location	Action
6			Sprinkler head is too close to surface mounted light fixture. Sprinkler is 7" from fixture but not flush with fixture per NFPA 13. Sprinkler is 3" shorter than fixture and will not operate as designed.	ARD Smoke Zone Janitors Closet	
7	K069 SS=D	NFPA 101 Life Safety Code 9.2.3 & NFPA 96	Failure to ensure that range hood fire extinguishing system was properly installed & inspected semi-annually No documentation that Kitchen Hood System is "tied" to Fire Alarm Panel on either of bi-annual inspection by facilities outside contractor.	Kitchen	Completed - Contractor used the incorrect inspection form and the new form has been implemented.
			No documentation that Kitchen Hood System is "tested" to Fire Alarm Panel on either of bi-annual inspection by facilities outside contractor.	Kitchen	
8	K076 SS=E	NFPA 101 Life Safety Code NFPA 99 Sec 4-3.1.	Failure to provide an oxygen storage room in accordance with NFPA One portable liquid oxygen container sitting unsupported on the floor.	Oxygen Storage Room - West Dining Smoke Zone	CCNH - Resolved the issue.
			Five (5) portable liquid oxygen container sitting unsupported on the floor.	Oxygen Storage Room - Administration Smoke Zone	

Item	Prefix Tag	Regulatory Citation	Description	Location	Action
8			Did not have signage indicating "empty" or "full" oxygen cylinders that were stored in floor racks.	Oxygen Storage Room - Administration Smoke Zone	
			Liquid oxygen container was "running" in residence room touching the residents open bed with supply lines draped across room to restroom door knob.	Unit 4 Smoke Zone - Rm 406	
			Five (5) portable liquid oxygen container sitting unsupported on the floor.	Med Rm - Unit 2 Smoke Zone	
9	K147 SS=E	NFPA 101 Life Safety Code NFPA 70 & Natl Elect Code 9.1.2	Failure to install electrical wiring in accordance with NFPA 101, 2000 Ed.		Completed.
			2 Duplex outlets located within 6' of edge of sink basins. Duplex outlets were not GFI mfct devices and outlets are not on a GFI protected circuit.	Dining Rm - West Dining Smoke Zone	
			1 Duplex outlets located within 6' of edge of sink basins. Duplex outlets were not GFI mfct devices and outlets are not on a GFI protected circuit.	Administration Zone Dining Rm	

To: Champaign County, Physical Plant
Alan Reinhart

Date: April 7, 2009
Project: 09 P 1076

Purpose:

Evaluate composition of two (2) polyester wall panel sections to identify whether either meets ASTM E-84 test value requirements to classify as Class A or Class C Fire Resistance.

Sample Identification:

- A. Plastic Panel #1, Glossy, white, 12" x 13"
- B. Plastic Panel, #2 Semi Gloss, off white, 12" x 13"

Source:

Champaign County Nursing Home
Champaign County Nursing Home

Conclusions:

**In our opinion, Sample A and Sample B will not meet Class A fire ratings.
They may meet Class C fire ratings.**

Results:

1. The FTIR - ATR spectra for samples A and B were run and are attached for comparison.
2. The FTIR chemistry indicates they are both calcium carbonate filled, styrenated polyester plastics with glass fiber matting.
3. UL 94 HB (horizontal burn rate) was run on both samples due to sample size limitation. Sample A showed an HB rate of 0.58 in / minute. Sample B had an HB rate of 0.48" / minute. Both samples showed heavy black smoke but no dripping of melted or burning polymer during test. Light ash fell off but, did not ignite the cellulosic mass it fell onto.
4. This data indicates the calcium carbonate content lowered the burn rate, but the material was definitely not self extinguishing and had high smoke production.

Discussion:

The two samples supplied were evaluated using a Perkin Elmer 100 Diamond ATR. While similar in composition they were not exactly the same. Styrenated polyester, probably isophthalate based with the carbonate filler were the major ingredients other than the fiber glass reinforcement. A peroxide such as BPO (benzoyl peroxide) appears used to cure the material. The UL 94 burn test did not indicate a burn retardant being present. Neither did the FTIR spectra. No dripping of flaming polymer was observed. This reduces the flame spread to other surfaces. Comparing this information with the objective of UL 84 Tunnel test, the following excerpt of this objective is noted:

About the ASTM E 84-07 Test

The purpose of this test is to determine the relative burning behavior of the material by observing the flame spread along the test specimen and the smoke developed during the fire exposure. A flame spread and smoke development index are reported after a 10-minute fire exposure. Inorganic cement board and unfinished red oak flooring are used as comparative standards, assigned arbitrary values of 0 and 100, respectively. The results dictate whether a material meets the parameters for the Class A, B or C Interior Wall and Ceiling Finish Category. Class A materials must have a flame spread between 0-25, Class B: 26-75, and Class C: 76-200. Smoke development must be between 0-450 for all classes.

This description of the test leaves a large latitude for the smoke produced (0 – 450) and a smaller rating for the flame spread. The UL 94 HB (horizontal burn) was a slow steady burn rate run for 4 to 5 inches. A UL 94 V – SE, (vertical self extinguishing) burn is the most desirable with little or no smoke. This is at a low ASTM E 84 rating of 0 for cement board in the Tunnel test and 100 for red oak.

Base on this, in my opinion, the FRP panels we evaluated appear to be C rated but not A rated. Further, while we could run many of the other physical properties, they will not bear fully on the A or C rating of the ASTM E 84 data. We considered running the E 162 test for further confirmation but feel the UL 94 test is best. We can supply a video snippet for your review of the burn test if requested.

Ronald L. Walling

President

Attachments:

ENERGY POLICY FOR CHAMPAIGN COUNTY FACILITIES

Objective:

The objective of this policy is -

1. To operate energy efficient County facilities
2. Incorporate energy management into County decision making.
3. Balance life/safety with responsible energy policy/usage.
 1. Implement practices that ensure efficient use of energy.
5. To encourage elected officials to utilize energy efficient practices within their offices.
6. Promote energy efficiency by example and education.

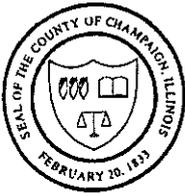
Policy:

1. It is the policy of the County Board to implement strategies which reduce overall energy consumption in County facilities and operations. The County Board recognizes that each County facility has a unique energy usage baseline and each County department has a distinctive mission which will impact energy usage.
2. This policy is designed to act as a guideline for the purchase of utilities, purchase of energy efficient equipment, remodel of existing facilities, and the operation and maintenance of existing facilities. The policy is designed to encourage personnel to continually evaluate and critique the impact of related decisions on County energy usage, energy efficiency, and budget.
3. It is the policy of the County Board to encourage the submission, review, and evaluation of County employee energy reduction ideas as to technical feasibility and cost effectiveness. The County Board will recognize County employees who contribute to the success of this policy.
4. It is the policy of the County Board to publicize energy reduction initiatives and energy usage/cost data reports for access by County employees and public.
5. **Purchase of Utilities:** The County Board and Administration will build inter-governmental and institutional partnerships which take advantage of economies of scale. The County Board and Administration will seek out innovative energy initiatives to replace or supplement existing energy sources to achieve stable utility cost for County operations.
6. **Purchase/Lease of Energy Efficient Equipment:** When purchasing new, replacing, or leasing office equipment, technological equipment, or other equipment consideration will be given to the energy efficiency of the available equipment. Unless extenuating circumstances exist the new equipment will be more energy efficient than the equipment to be replaced. When proposed equipment is more energy efficient than existing equipment but higher in cost, a cost analysis will be performed to determine if the higher cost equipment would cost less over the estimated "life" of the item due to lower energy or maintenance cost.
 - a. **Energy Star:** When available all purchases of new or replacement equipment shall have the Energy Star designation.
7. **Remodel of Existing Facilities:** All remodeling of space within County owned facilities will incorporate latest energy efficiency design information. All equipment specified within the remodeled space will be

the latest energy efficient devices. When energy efficient options cost 10% more than traditional items, a cost analysis will be performed to determine if higher cost alternatives will have a lower "life" cost due to less energy usage or maintenance cost. The cost analysis will be provided to the County Board to assist in determining final project cost

8. **Operations and Maintenance of Existing Facilities.** County facilities and supporting equipment will be maintained at a optimal level of performance and energy efficiency. Physical Plant personnel will remain current on energy conservation measures and will implement when practical.
 - a. County buildings will be maintained:
 - i. Heating Months: October-March - 68° F
 - ii. Cooling Months: April - September - 76° F
 - b. Energy usage baselines will be determined for each facility and usage reports will be provided to the County Board monthly.
 - c. Lighting fixtures which have failed or are deemed energy inefficient will be replaced when funding is available.
 - d. Lighting sensors will be installed in restrooms and conference rooms.
 - e. De-lamping plans will be designed for each County facility. Each plan will be crafted with input from the respective appointed and/or elected officials.
 - f. Boilers will be set and maintained at 120° F or the manufacturer prescribed setting.
 - g. Employees will follow prescribed energy practices and thus individual appliances (personal heaters, candles, etc.) are discouraged. If utilized the device shall be connected to motion activated sensor.
 - h. Copy machines will use "Energy Saver" mode.
 - i. Computer monitors will be shut off when not in use for more than one hour.
 - j. Vending equipment will be energy efficient.
9. **Use of Renewable Energy:** There is a preference for the use of renewable energy sources for County facilities. The County will transition to renewable power sources whenever cost-efficient. The calculation of cost-efficiency will consider cost savings over the lifetime of the renewable energy source and outside sources of funding. Renewable energy source may include solar power, wind power, or geothermal power.

Goal: Introduce and implement energy saving measures which will reduce overall energy consumption by .50/s.f. by November 2010.



CHAMPAIGN COUNTY ADMINISTRATIVE SERVICES

1776 EAST WASHINGTON
URBANA, IL 61802
(217) 384-3776
(217) 384-3765 – PHYSICAL PLANT
(217) 384-3896 – FAX
(217) 384-3864 – TDD

ADMINISTRATIVE SUPPORT
DATA PROCESSING
MICROGRAPHICS
PURCHASING
PHYSICAL PLANT/SALARY
ADMINISTRATION

CHAMPAIGN COUNTY COURTHOUSE COMPLEX

DE-LAMPING PLAN

OBJECTIVE: The objective of the Courthouse Complex de-lamping plan is to meet the objectives of the Energy Policy for Champaign County Facilities:

- Operate energy efficient County facilities.
- Incorporate energy management into County facility management and decision making processes.
- Balance life/safety with responsible energy usage.
- Implement practices that insure efficient use of energy.
- Promote energy efficiency by example and education.

GOAL: The goal of the Courthouse Complex de-lamping plan is to reduce energy cost by .50/square foot by November 2010.

DE-LAMPING DEFINED: For the purpose of all County Facility de-lamping plans, de-lamping will be defined as – any act which reduces energy usage from a light fixture. De-lamping will include:

1. Removing one or more lamps from a fixture.
2. Replacing the total number of light fixtures in a given area on 3 for 4 basis.
3. Electrically disconnecting the light fixture (ballasts) from operation but leaving the fixture in place.
4. Replacing existing lamps with lower wattage lamps.
5. Light fixtures, which are not energy efficient, upon failure will be replaced with energy efficient fixtures.
6. Adding occupancy sensors to restrooms, conference rooms, storage rooms, hallways, etc.

GUIDELINES:

1. Balance life/safety with responsible energy usage.
2. All de-lamping activities will meet Federal, State, and local building and electrical codes.
3. De-lamping plans for individual departments will be implemented when the County Facilities Committee, department head, and Administration are in agreement. Changes to a department de-lamping plan will require concurrence between the Director of Facilities and department head.

4. The Director of Facilities will report monthly to County Facilities Committee on the progress of the de-lamping plan and recommend any changes to the plan. Reports will be viewable on the County's website.
5. De-lamping plans will be implemented at minimal labor and material cost.
6. Use of natural light will be maximized.
7. De-lamping will be conducted in one of two approaches:
 - a. De-lamp the same percentage of lamps in all areas that exceed foot candle guidelines.
 - b. (Preferred) Measure light levels and de-lamp the appropriate number of lamps.
8. All public, secure, Judicial, and departmental area light levels will be measured in foot candles. De-lamping plan will include measuring the light levels prior and post de-lamping.
9. Light level guidelines will be derived from one of the following sources:
 - a. Illuminating Engineering Society of North America
 - b. EPA Energy Star Program
 - c. GSA Courthouse Lighting Guidelines
 - d. State of Illinois Courtroom Guidelines.
10. All lamps and fixtures will be disposed of per Federal and State EPA guidelines.

PLAN: The de-lamping plan for the Courthouse Complex is as follows –

1. Conceptual approval by County Facilities Committee
2. Present plan to department heads
3. Sequence:
 - a. Courthouse Addition:
 - i. 1st Floor
 - ii. 2nd Floor
 - iii. 3rd Floor
 - b. Courthouse:
 - i. 3rd Floor
 - ii. 2nd Floor
 - iii. 1st Floor
4. Take light level measurements prior to de-lamping
5. Initial de-lamp process of removing or disabling lamps
6. Measure light levels post initial de-lamping process
7. Review, modify, and final acceptance by department head

8. Complete electrical disconnection of light fixture
9. Lamps and fixtures will be cleaned during routine maintenance.
10. Administration will work with vending machine contractor on de-lamping.
11. Report to County Facilities Committee de-lamping plan is complete.

COURTHOUSE & COURTHOUSE ADDITION

DE-LAMPING PLAN - CUMULATIVE IMPACT ON LIGHT FIXTURE & BULBS

3/24/09

A. Pre De-Lamping: Operational

Plan Designation	L1	L2	L3	L4	L5	L8	L9	L10	L11	L12	L13	L14	L15	L16	L18	L23	L24	L25	L26	L27	L28	L30
<i>Description</i>	2 x 4 Rec/2	2 x 4 Rec/3	2 x 4 Rec/4	2 x 4 Para/4	2 x 4 Para/3	2 x 4/2 Secur	2 x 4/4 Secur	4' Indust/2	4' Surf Down-light	Recess/Down Light	Recess/Down Light	4' Bathroom	Single Exit	Double Exit	Recess/Down Light	Pendant Direct	Recess/Down Light	Pendant /3	2'Cove Strip	4'Cove Strip	Vandal/Exit	4'Wall Mount
CUMULATIVE Fixtures	189	385	214	72	71	39	6	21	38	35	212	38	20	2	17	22	8	15	20	112	35	4
Total Fixtures	<u>1575</u>																					
Light bulbs	378	1155	856	288	213	78	24	42	76	70	424	76	18	2	17	132	8	45	40	224	35	8
Total Light bulbs	<u>4209</u>																					

B. Post De-Lamping: Operational

CUMULATIVE	L1	L2	L3	L4	L5	L8	L9	L10	L11	L12	L13	L14	L15	L16	L18	L23	L24	L25	L26	L27	L28	L30
Fixtures	16	27	0	38	68	20	6	22	22	14	312	32	35	5	8	2					3	4
Total Fixtures	<u>634</u> Decrease: 941 -60%																					
Light bulbs	32	81	0	152	204	40	24	44	44	28	624	64	35	5	8	12					6	8
Total Light bulbs	<u>1411</u> Decrease: 2798 -64%																					

Subtotals: Non-Secure vs. Secure

	2 x 4 Rec/2	2 x 4 Rec/3	2 x 4 Rec/4	2 x 4 Para/4	2 x 4 Para/3	2 x 4/2 Secur	2 x 4/4 Secur	4' Indusl/ 2	4' Surf Down- light	Recess/ Down Light	Recess/ Down Light	4' Bath- room	Single Exit	Doub le Exit	Recess /Down Light	Pendant Direct	Recess /Down Light	Pendant /3	2'Cove Strip	4'Cove Strip	Vandal/ Exit	4'Wall Mount
Pre - DeLamping																						
Crthse - Non Secure	39	54						2	6	6			3	1								
Addition - Non Secure	32	11	98						32	26	210	8	8	1				15	20	112		
Total Non-Secure	71	65	98					2	38	32	210	8	11	2				15	20	112		
Total Fixtures	684																					
Lightbulbs	142	195	392					4	76	64	420	16	11	2				45	40	224		
Total Lightbulbs	1631																					
Post DeLamping																						
Crthse - Non Secure	19	9	88	0	0	0	0	6	18	7	310	2	22	4	1		19	0	20		2	
Addition - Non Secure	16	27	0	0	0	0	0	2	4	4	0	0	4	1	1	0	0	0	0	0	0	0
Total Non-Secure	35	36	88					8	22	11	310	2	26	5	2		19	0	20		2	
Total Fixtures	586																					
								Difference:	98													-14.4%
Lightbulbs	70	108	352					16	44	22	620	4	26	5	2		19		40		18	
Total Lightbulbs	1346																					
								Difference:	285													-18%
Pre - DeLamping																						
Crthse - Secure	56	193	82	55				2		3		5			17							
Addition - Secure	62	127	34	17	71	39	6	17			2	25	9			22	8				35	4
Total Secure	118	320	116	72	71	39	6	19		3	2	30	9		17	22	8				35	4
Total Fixtures	891																					
Lightbulbs	236	960	464	288	213	78	24	38		6	4	60	9		17	132	8				35	8
Total Lightbulbs	2580																					
Post DeLamping																						
Crthse - Secure	31	113	53	29	0	0	0	2	0	3	0	5	0	0	0	2	0	0	0	0	0	0
Addition - Secure	20	80	16	9	0	0	0	12	0	0	2	25	0	0	6	0	0	0	0	3	0	4
Total Secure	51	193	69	38				14		3	2	30			6	2				3		4
Total Fixtures	415																					
								Difference:	476													-53%
Lightbulbs	102	579	276	152				28		6	4	60			36	2				3		8
Total Lightbulbs	1256																					
								Difference:	1324													-51%

43



BCA

BERNS, CLANCY AND ASSOCIATES

PROFESSIONAL CORPORATION

ENGINEERS • SURVEYORS • PLANNERS

April 2, 2009

THOMAS BERNS
EDWARD CLANCY
CHRISTOPHER BILLING
DONALD WAUTHIER

BRIAN CHAILLE
DAN ROTHERMEL
JOHN LYONS
ROGER MEYER

MICHAEL BERNS
OF COUNSEL

Mr. Dennis Inman, Administrator
Facilities Management & Procurement
Champaign County
1776 East Washington Street
Urbana, Illinois 61802

**RE: PROPOSAL FOR PROFESSIONAL CONSULTING SERVICES
URBANA & CHAMPAIGN SANITARY DISTRICT
FORCE MAIN CONSTRUCTION AND EASEMENT
CHAMPAIGN COUNTY EAST CAMPUS
CHAMPAIGN COUNTY, ILLINOIS**

Dear **Mr. Inman**:

In response to your request, we offer the following services to assist Champaign County review and evaluate the proposal by the Urbana & Champaign Sanitary District (U&CSD) to construct a 30-inch diameter sanitary sewage force main, review the proposed easement document and plat, and assist Champaign County during construction aspects of this sewage force main. We generally propose services in two (2) phases as follows:

Phase 1 - General Consultation and Review

- Review force main alignment concepts submitted by U&CSD.
- Analyze impacts on established utility extension and facility development plans on the County property.
- Provide data and background information to U&CSD regarding plans for Champaign County property development.
- Review plan and specification submittals of construction documents.
- Review easement plat submittals by U&CSD.
- Review easement agreement language submitted by U&CSD and recommend revisions to Champaign County.
- Communications and meetings with Champaign County and U&CSD representatives.
- Acquire ground photographs of the existing conditions prior to construction.
- Assistance to Champaign County with negotiations with U&CSD.

Engineer / Principal75 hours at \$120 per hour \$ 9,000

Phase 2 – Construction Phase Services

- Review of materials submitted to Champaign County during construction by U&CSD when requested.
- Minimum of one (1) site visit per week when work is ongoing at the Champaign County site, but commensurate with the construction activity.
- Review of problems and situations as they may arise during construction and preparation of recommendations to Champaign County.
- Availability throughout the construction activities to respond to questions and help resolve conflicts.
- Assistance to Champaign County regarding final “punch list” inspections.
- Review of testing data, other submittals and “As-Built” plans forwarded by Champaign County and / or U&CSD at the conclusion of construction.
- Communications and meetings as necessary throughout the construction phase.

Engineer / Principal50 hours at \$120 per hour \$ 6,000

Total Anticipated Services..... \$ 15,000

PERSONNEL

We propose to provide qualified personnel during all phases of our survey work. We propose that the project will be under the direct personal supervision and control of the Professional Engineer / Land Surveyor / Principals of the firm.

Thomas Berns, P.E., L.S., will be in charge of the project with regard to communications and quality assurance. **Edward Clancy, P.E., L.S.**, or **Chris Billing, P.E.**, may assist with research and office work.



SCHEDULES / SUBMITTALS

These services have already commenced, at your request, and will continue throughout construction of the force main by U&CSD. Services will be provided in response to submittals and requests. We propose to perform the above professional services for the exclusive benefit of and at the specific direction of **Mr. Dennis Inman, County Co-Administrator** or your authorized representative.

We appreciate this opportunity to submit this proposal to you and we look forward to hearing from you in the near future. This proposal is valid for thirty (30) days from this date. After that period it is subject to review and renegotiation. **We are prepared to expand or contract the scope of services and the resultant fees and expenses outlined above to suit your requirements.** If you find the above proposal acceptable, please sign in the space provided below and return a copy of this proposal to us as our formal authorization to proceed. If you have any question or comment, please contact us at any time. Thank you.

Sincerely,

APPROVED:

BERNS, CLANCY AND ASSOCIATES, P.C.



Thomas B. Berns, P.E., L.S., President

Signature

Date





BERNS, CLANCY AND ASSOCIATES

PROFESSIONAL CORPORATION

ENGINEERS • SURVEYORS • PLANNERS

May 1, 2008

THOMAS BERNS
EDWARD CLANCY
CHRISTOPHER BILLING
DONALD WAUTHIER

BRIAN CHAILLE
DAN ROTHERMEL
JOHN LYONS
ROGER MEYER

MICHAEL BERNS
OF COUNSEL

**STANDARD FEE SCHEDULE FOR PROFESSIONAL
ENGINEERING, SURVEYING, AND PLANNING SERVICES**

HOURLY RATE

PRINCIPAL OF FIRM, PREPARATION & TESTIMONY AS EXPERT WITNESS	\$200
PRINCIPAL OF FIRM, ENGINEER, SURVEYOR OR PLANNER GRADE 7	120
ENGINEER, SURVEYOR OR PLANNER GRADE 6	96
ENGINEER, SURVEYOR OR PLANNER GRADE 5	80
ENGINEER, SURVEYOR OR PLANNER GRADE 4	66
ENGINEER, SURVEYOR OR PLANNER GRADE 3	60
ENGINEER, SURVEYOR OR PLANNER GRADE 2	54
ENGINEER, SURVEYOR OR PLANNER GRADE 1	46

TECHNICIAN OR CONSTRUCTION OBSERVER GRADE 5	\$68
TECHNICIAN OR CONSTRUCTION OBSERVER GRADE 4	58
TECHNICIAN OR CONSTRUCTION OBSERVER GRADE 3	48
TECHNICIAN OR CONSTRUCTION OBSERVER GRADE 2	41
TECHNICIAN OR CONSTRUCTION OBSERVER GRADE 1	32

FOUR-PERSON SURVEY CREW	\$179
THREE-PERSON SURVEY CREW	149
TWO-PERSON SURVEY CREW	108

VEHICLE MILEAGE	\$ 0.70 / MILE
WOOD GRADE STAKE	1.00 / EACH
STEEL SURVEY MONUMENT WITH ALUMINUM CAP	12.00 / EACH
CONCRETE SURVEY MONUMENT WITH ALUMINUM CAP	30.00 / EACH
STEEL FENCE POST	3.00 / EACH
PHOTOCOPY	0.25 / EACH
PLAN SHEET COPY (PER SQUARE FOOT)	0.50 / SQ FT
COLOR PLOT COPY (PER SQUARE FOOT)	1.50 / SQ FT
COMPUTER AIDED DRAFTING (CAD)	5.00 / HOUR

TRAVEL TIME TO AND FROM OUR OFFICE WILL BE CHARGED IN ACCORDANCE WITH THE FOREGOING RATES. ALL SUBCONSULTANTS (SOIL INVESTIGATION, MATERIAL TESTING, AERIAL PHOTOGRAPHY, PHOTOGRAMMETRIC MAPPING, ETC.) ENGAGED BY US WILL BE BILLED AT COST PLUS TEN PERCENT (10%). ALL OTHER OUT-OF-POCKET EXPENSES INCURRED WILL BE BILLED AT COST PLUS TEN PERCENT (10%). THESE EXPENSES MAY INCLUDE TRAVEL, SUBSISTENCE (WHEN APPLICABLE), LONG DISTANCE TELEPHONE OR TELEFAX CHARGES, EXPRESS DELIVERY, REPRODUCTIONS, POSTAGE, SHIPPING CHARGES, RENTAL EQUIPMENT, ETC. REVISIONS TO THIS STANDARD FEE SCHEDULE ARE NOT ANTICIPATED UNTIL MAY OF 2009.

ACORD CERTIFICATE OF LIABILITY INSURANCE

OP ID KC
BERNS-C

DATE (MM/DD/YYYY)
07/31/08

PRODUCER Brown, Hobbs & McMurray 118 S. Race St., P.O. Box 488 Urbana IL 61803-0488 Phone: 217-367-4011 Fax: 217-384-4346		THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.	
INSURED Berns, Clancy & Assoc., P.C. 405 E. Main St. Urbana IL 61803-0755		INSURERS AFFORDING COVERAGE	NAIC # 19259
		INSURER A: Selective Insurance Company	
		INSURER B: Hiscox	
		INSURER C:	
		INSURER D:	
		INSURER E:	

COVERAGES

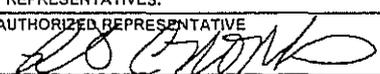
THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR ADD'LTR	INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS								
A		GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC	S 1736668	07/20/08	07/20/09	EACH OCCURRENCE \$ 1000000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100000 MED EXP (Any one person) \$ 5000 PERSONAL & ADV INJURY \$ 1000000 GENERAL AGGREGATE \$ 2000000 PRODUCTS - COMP/OP AGG \$ 2000000								
A		AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS	S 1736668	07/20/08	07/20/09	COMBINED SINGLE LIMIT (Ea accident) \$ 1000000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$								
		GARAGE LIABILITY <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN EA ACC \$ AUTO ONLY: AGG \$								
A		EXCESS/UMBRELLA LIABILITY <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> DEDUCTIBLE <input checked="" type="checkbox"/> RETENTION \$ 0	S 1736668	07/20/08	07/20/09	EACH OCCURRENCE \$ 5000000 AGGREGATE \$ 5000000 \$ \$								
A		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below OTHER	WC 7922670	07/20/08	07/20/09	<table border="1"> <tr> <td>WC STATU-TORY LIMITS</td> <td>OTH-ER</td> </tr> <tr> <td>E.L. EACH ACCIDENT</td> <td>\$ 500000</td> </tr> <tr> <td>E.L. DISEASE - EA EMPLOYEE</td> <td>\$ 500000</td> </tr> <tr> <td>E.L. DISEASE - POLICY LIMIT</td> <td>\$ 500000</td> </tr> </table>	WC STATU-TORY LIMITS	OTH-ER	E.L. EACH ACCIDENT	\$ 500000	E.L. DISEASE - EA EMPLOYEE	\$ 500000	E.L. DISEASE - POLICY LIMIT	\$ 500000
WC STATU-TORY LIMITS	OTH-ER													
E.L. EACH ACCIDENT	\$ 500000													
E.L. DISEASE - EA EMPLOYEE	\$ 500000													
E.L. DISEASE - POLICY LIMIT	\$ 500000													
B		Prof Liability	ANE1058561	04/23/08	04/23/09	Per Claim 1000000 Aggregate 1000000								

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

CERTIFICATE HOLDER

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL <u>N/A</u> DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES. AUTHORIZED REPRESENTATIVE 
--

ATTACHMENTS GIVEN TO COMMITTEE AT MEETING

COUNTY FACILITIES

May 5, 2009

CONTENTS:

1. CCNH Annual Life Safety Code Inspection Plan
Of Correction – Agenda Item VI A
2. Physical Plant Monthly Reports – Agenda Item VII A
3. Jenny Putman Meeting Room Pictures – Agenda Item VIII A
4. Request for Professional Services required for
Energy Grant Funding – Agenda Item IX A ii

CCNH - 2/18/09 Annual Life Safety Code Inspection

5/5/2009

Item	Prefix Tag	Regulatory Citation	Description	Location	Action
1	K015 SS=E	NFPA 101 Life Safety Code 10.2.3 & 19.3.3.2	Failed to provide flame spread rating documentation for wall coverings installed in spaces other than corridors		County tested material for fire rating - Test confirmed material not fire rated. Otto Baum to replace.
			Fiberglass Reinforced Panels (FRP) LP-F8 .090 is not fire rated/Class C. Fire Rated number is LP-F9-FR 090	Soiled Utility Room - Unit 3 Smoke Zone	
			Fiberglass Reinforced Panels (FRP) LP-F8 .090 is not fire rated/Class C. Fire Rated number is LP-F9-FR 090	Kitchen in the Dietary Smoke Zone	
			Fiberglass Reinforced Panels (FRP) LP-F8 .090 is not fire rated/Class C. Fire Rated number is LP-F9-FR 090	Janitor's Closet in ARD & Unit 4 Smoke Zone	IDPH Informed CCNH/Administrator the issue has been removed from deficiency list for this year.
2	K025 SS-E	NFPA 101 Life Safety Code 8.3 & 19.3.7.3	Failure to maintain smoke barrier walls		IDPH Informed CCNH/Administrator the issue has been removed from deficiency list for this year.
			NFPA 1010 Section 19.3.7.3 & 8.3 - Failed to extend to roof structure	Wall between Dietar Smoke Zone & Administration Smoke Zone	
			NFPA 1010 Section 19.3.7.3 & 8.3 - Failed to extend to roof structure	Walls separating Dietary Smoke Zone & West Dining Smoke Zone	
			NFPA 1010 Section 19.3.7.3 & 8.3 - Failed to extend to roof structure	Walls separating Unit 4 Smoke Zone & ARD Smoke Zone	

Item	Prefix Tag	Regulatory Citation	Description	Location	Action
3	K 029 SS=E	NFPA 101 Life Safety Code 2000 Edition Section 19.3.2.1	Failed to provide properly rated self closing doors & walls to provide separation between hazardous areas and exist access.		IDPH Informed CCNH/Administrator the issue has been removed from deficiency list for this year. Item Resolved.
			Adult Daycare Storage Room is greater than 50 s.f. & is hazardous area. Door held open by device not tied to fire alarm system - wooden box.	Adult Daycare Storage Room	
			West Dining Room Smoke Zone Medical Records Rm is greater than 50 s.f. and is hazardous area due to combustible paper. Door is held open by device not tied to fire alarm panel - held open by wooden box.	West Dining Room Smoke Zone Medical Records.	
			Unit 4 Smoke Zone Mechanical Rm ceiling had 4 sprinkler heads w/holes in drywall next to sprinkler heads	Unit 4 Smoke Zone Mechanical Rm	
			Operable Laundry Door in the Basement Smoke Zone did not latch to fixed door.	Basement Smoke Zone	
4	K038 SS=E	NFPA 101 Life Safety Code 7.1.6, 7.1.7 & 19.2	Failure to prevent a change of elevation greater than 1/4" on the exit discharge path to public way.		IDPH Informed CCNH/Administrator the issue has been removed from deficiency list for this year. Work completed mid-April at a cost of \$1,500.
			Exit path to public way from Unit 4 Smoke Zone, exit dr RM 420 had rise greater than 1/4". Rise at threshold of dr & concrete stoop meet was 1/2" - trip hazard.	Unit 4 Smoke Zone	

Item	Prefix Tag	Regulatory Citation	Description	Location	Action
4	K038 SS=E	NFPA 101 Life Safety Code 7.1.6, 7.1.7 & 19.2	Exit path to public way from Unit 2 Smoke Zone, exit dr RM 231 had rise greater than 1/4". Rise at threshold of dr & concrete stoop meet was 3/4" - trip hazard. Failure to prevent a change of elevation greater than 1/4" on the exit discharge path to public way. Exit path to public way from Unit 2 Smoke Zone, exit dr RM 222 had rise greater than 1/4". Rise at threshold of dr & concrete stoop meet was 3/4" - trip hazard.	Unit 2 Smoke Zone Unit 2 Smoke Zone	 Work completed mid-April at a cost of \$1,500.
5	K050 SS=C	NFPA 101 Life Safety Code	Failure to provide fire drills as required.		IDPH Informed CCNH/Administrator the issue has been removed from deficiency list for this year.
6	K056 SS=E	NFPA 101 Life Safety Code NFPA 2000 Ed, Sect. 19.3.5, NFPA 13, 1999, and NFPA 25	Failed to install & maintain automatic sprinkler protection Sprinkler head is too close to surface mounted light fixture. Sprinkler is 6" from fixture but not flush with fixture per NFPA 13. Sprinkler is 3" shorter than fixture and will not operate as designed.	 Unit 3 Smoke Zone Janitors Closet	 IDPH Informed CCNH/Administrator the issue has been removed from deficiency list for this year.

Item	Prefix Tag	Regulatory Citation	Description	Location	Action
6			<p>Sprinkler is missing the trim ring at drywall ceiling which leaves a hole in rated ceiling. Open edge of drywall could cause sprinkler head to not function properly.</p> <p>Sprinkler head is too close to surface mounted light fixture. Sprinkler is 7" from fixture but not flush with fixture per NFPA 13. Sprinkler is 3" shorter than fixture and will not operate as designed.</p>	<p>Unit 4 Smoke Zone Mechanical Rm</p> <p>ARD Smoke Zone Janitors Closet</p>	
7	K069 SS-D	<p>NFPA 101 Life Safety Code</p> <p>9.2.3 & NFPA 96</p>	<p>Failure to ensure that range hood fire extinguishing system was properly installed & inspected semi-annually</p> <p>No documentation that Kitchen Hood System is "tied" to Fire Alarm Panel on either of bi-annual inspection by facilities outside contractor.</p> <p>No documentation that Kitchen Hood System is "tested" to Fire Alarm Panel on either of bi-annual inspection by facilities outside contractor.</p>	<p>Kitchen</p> <p>Kitchen</p>	<p>Completed - Contractor used the incorrect inspection form and the new form has been implemented.</p>
8	K076 SS-E	<p>NFPA 101 Life Safety Code</p> <p>NFPA 99 Sec 4-3.1.</p>	<p>Failure to provide an oxygen storage room in accordance with NFPA</p> <p>One portable liquid oxygen container sitting unsupported on the floor.</p> <p>Five (5) portable liquid oxygen container sitting unsupported on the floor.</p>	<p>Oxygen Storage Room - West Dining Smoke Zone</p> <p>Oxygen Storage Room - Administration Smoke Zone</p>	<p>CCNH - Resolved the issue.</p>

Item	Prefix Tag	Regulatory Citation	Description	Location	Action
8			Did not have signage indicating "empty" or "full" oxygen cylinders that were stored in floor racks.	Oxygen Storage Room - Administration Smoke Zone	
			Liquid oxygen container was "running" in residence room touching the residents open bed with supply lines draped across room to restroom door knob.	Unit 4 Smoke Zone - Rm 406	
			Five (5) portable liquid oxygen container sitting unsupported on the floor.	Med Rm - Unit 2 Smoke Zone	
9	K147 SS=E	NFPA 101 Life Safety Code NFPA 70 & Natl Elect Code 9.1.2	Failure to install electrical wiring in accordance with NFPA 101, 2000 Ed.		Completed.
			2 Duplex outlets located within 6' of edge of sink basins. Duplex outlets were not GFI mfct devices and outlets are not on a GFI protected circuit.	Dining Rm - West Dining Smoke Zone	
			1 Duplex outlets located within 6' of edge of sink basins. Duplex outlets were not GFI mfct devices and outlets are not on a GFI protected circuit.	Administration Zone Dining Rm	

Gas Utilities - FY2008

Period	Courthouse	204 E Main	502 S Lierman	JDC	1905 E Main	1701 E Main Rear EMA/METCAD	Brookens	ITC	1705 E Main North Garage	1705 E Main South Garage	Monthly Totals
December	\$18,221.00	\$5,994.83	\$14,392.84	\$3,852.64	\$2,407.61	\$475.72	\$7,366.38	\$17,887.69		\$1,391.94	\$71,990.65
January	\$17,232.72	\$6,899.62	\$13,663.70	\$5,115.60	\$2,194.88	\$547.24	\$5,865.15	\$9,591.25		\$2,166.16	\$63,276.32
February	\$13,365.64	\$4,735.05	\$11,257.09	\$3,164.01	\$1,909.63	\$394.82	\$4,372.95	\$24,233.29		\$2,135.89	\$65,568.37
March	\$10,008.51	\$2,817.70	\$7,712.36	\$1,492.22	\$1,681.32	\$196.50	\$2,136.98	\$17,143.89	\$202.82	\$698.36	\$44,090.66
April	\$9,209.88		\$5,669.50	\$999.30	\$1,392.29	\$120.35		\$14,681.89		\$389.03	\$32,073.21
May											\$0.00
June											\$0.00
July											\$0.00
August											\$0.00
September											\$0.00
October											\$0.00
November											
Total to date	\$68,037.75	\$20,447.20	\$52,695.49	\$14,623.77	\$9,585.73	\$1,734.63	\$19,741.46	\$83,538.01	\$202.82	\$6,781.38	\$277,388.24

Prepared by Ranae Wolken
5/5/2009

Electric Utilities - FY2008

Period	Courthouse	204 E Main	502 S Lierman	JDC	1905 E Main	1701 E Main Rear EMA/METCAD	Nite Lite	Brookens	ITC	1705 E Main North Garage	1705 E Main South Garage	Monthly Totals
December	\$15,186.43	\$7,814.17	\$8,856.10	\$4,374.62	\$4,922.15	\$103.31	\$269.77	\$10,363.07	\$7,542.42		\$179.62	\$59,611.66
January	\$15,253.99	\$7,629.97	\$8,687.75	\$4,606.32	\$4,556.22	\$118.81	\$253.83	\$11,290.55	\$7,170.14		\$231.77	\$59,567.58
February	\$16,096.86	\$7,581.05	\$9,337.00	\$4,754.32	\$4,912.79	\$112.67	\$243.68	\$10,665.15	\$7,270.86		\$168.76	\$60,974.38
March	\$16,935.71	\$6,420.87	\$9,769.83	\$4,595.83	\$4,770.02	\$112.78	\$238.34	\$9,875.52	\$6,273.31	\$94.27	\$172.16	\$58,992.21
April		\$7,740.68		\$3,760.62								\$11,501.30
May												\$0.00
June												\$0.00
July												\$0.00
August												\$0.00
September												\$0.00
October												\$0.00
November												\$0.00
Total to Date	\$63,472.99	\$37,186.74	\$36,650.68	\$22,091.71	\$19,161.18	\$447.57	\$1,005.62	\$42,194.29	\$20,714.31	\$94.27	\$752.31	\$243,771.67

Prepared by Ranae Wolken
5/5/2009

Building/Grounds Maintenance work hour comparison

FY2009

Weekly Period	Repair & Maintenance	Scheduled Maintenance	Nursing Home	Special Project	TOTAL
11/30/08-12/6/08	403.25	0.00	0.00	0.00	403.25
12/7/08-12/13/08	354.75	0.00	0.00	32.00	386.75
12/14/08-12/20/08	414.75	0.00	0.00	14.00	428.75
12/21/08-12/27/08**	244.25	0.00	0.00	0.00	244.25
12/28/08-1/3/09*	306.00	0.00	1.50	0.00	307.50
1/4/09-1/10/09	403.75	0.00	1.50	32.00	437.25
1/11/09-1/17/09	474.00	0.00	0.00	0.00	474.00
1/18/09-1/24/09*	383.75	0.00	1.50	0.00	385.25
1/25/09-1/31/09	463.00	7.50	5.00	0.00	475.50
2/1/09-2/7/09	409.00	7.50	4.50	0.00	421.00
2/8/09-2/14/09	355.75	0.00	0.00	25.00	380.75
2/15/09-2/21/09*	363.75	0.00	6.00	4.00	373.75
2/22/09-2/28/09	361.00	92.50	2.50	30.00	486.00
3/1/09-3/7/09	351.25	52.00	0.00	31.00	434.25
3/8/09-3/14/09	356.50	8.00	2.75	72.00	439.25
3/15/09-3/21/09	305.00	72.00	0.00	76.50	453.50
3/22/09-3/28/09	292.00	71.25	9.75	56.00	429.00
3/29/09-4/4/09	368.75	30.00	1.50	62.00	462.25
4/5/09-4/11/09*	313.75	24.00	2.00	32.00	371.75
4/12/09-4/18/09	329.50	48.00	2.00	40.00	419.50

*week includes a holiday
 One work week: 475.00 hours with regular staff

There are currently 512.12 comp time hours available to the maintenance staff

Total comp time hours earned in FY09 to date- 443.96

Total spent to date on overtime in FY09 - \$1,354.56

Prepared by: Ranae Wolken
 5/5/2009

Jennifer Putman
402 W. Delaware Ave.
Urbana, IL 61801

Facilities Committee Chair Steven Beckett
Facilities Committee Vice-Chair Michael Richards
1776 E. Washington Street
Urbana, IL 61802

February 25, 2009

Gentlemen, and Members of the County Board Facilities Committee:

This letter is an overdue expression of my humble gratitude for your approval on November 12, 2008 of the Proposal to Rename Meeting Room Two as the Jennifer Klein Putman Meeting Room. The honor continues to overwhelm me. My mother and father would be especially gratified if they could know what a workhorse the room is that bears the family name—in February, it was the site of at least two meetings per week, ranging from the Mental Health Agencies Council and Martin Luther King Celebration Committee, to the Administrative Structure Special Committee, Labor Subcommittee, and Caucus of County Board Democrats.

Subject to your approval, I propose to display on the walls of the room framed photographs of the Champaign County Board Chairs with whom I have served, and a photograph(s) of the President of the United States and/or First Family. Dating to my 1976–78 term as Member of the Board of Review, the County Board Chairs with whom I served are Wesley Schwengel, Gary Adams, Wallace “Jay” Rayburn, Lyle Shields, Francis “Bud” Barker, Steven Moser, Patricia Avery, Barbara Wysocki, and Carl Pius Weibel. I will contact these individuals or their families to request suitable portraits, should you approve this proposal. I will inquire whether an official portrait of the President can be provided through the White House, or will provide alternative photographs of Barack Obama and the Obama family. Please accept my offer to pay for the matting and framing of the photographs. I hope to confer with your committee regarding the selection of picture frames, and names plates or other signage.

Thank you for your consideration.

Sincerely yours,

Jennifer Putman
337-1148



May 5, 2009

JN Gleason, PE
Chief Executive Officer

JW Aquino, AIA
President

JE Ramshaw, Sr. PE
Executive Vice President

KM Sims
Secretary/Treasurer

Associates
RL Corley
BC Finat, PE
GW Gatter, CET
R. Hinton, EIT
LR Kuntzler, PE
DB White, DOT/CCCA

Mr. Dennis Inman
Administrator of Facilities Management and Procurement
Champaign County Administrative Services
1776 East Washington St.
Urbana, IL 61802

**SUBJECT: Energy Reduction
Grant Opportunities
Proposal to Provide Engineering Services**

Dear Denny:

This is submitted per our April 27, 2009 meeting and our May 5, 2009 discussion.

It is our understanding the County is interested in applying for grant dollars that would be spent increasing the energy efficiency of three specific County Facilities:

Courthouse.
Sheriff's Office (204 East Main).
Brooken's Administrative Center.

We are very familiar with the Courthouse and with Brookens. We've worked on a number of smaller projects in the Sheriff's Office over the years as well.

County Staff has already done a fair amount of "leg work" on the potential to retrofit occupancy sensors to control interior room lighting in the Courthouse. In addition, a complete inventory of all interior lighting at the Courthouse has been prepared by County Staff to evaluate the potential to reduce energy consumption by reducing the number of lamps and concomitant electricity usage.

To date, no lighting or occupancy sensor inventories have been conducted by Staff at Brookens or at the Sheriff's Office. It is our understanding County Staff will conduct such inventories and forward them to us in a spreadsheet format similar to the Courthouse.

There were grant dollars available from both the Illinois Clean Energy Community Foundation (ICE) and the Illinois Department of Commerce and Economic Opportunity (DCEO) to fund measures such as lighting retrofits, de-lamping and occupancy sensors. Unfortunately, it appears the deadline for ICE grant application was March 17, 2009 so the only DCEO options will be pursued.

To address the potential for de-lamping, County Staff will measure illumination levels in all spaces in all three facilities. These measurements will be provided to us either on CAD floor plans or in spreadsheet format correlated with CAD floor plans.

A review of the DCEO grant program reveals incentive dollars are also available to assist in funding conservation measures such as:

- Chiller replacements (with more efficient units).
- Variable speed motor drives.
- Motor replacements (with more efficient motors).

DCEO incentive dollars can be obtained through "Standard Incentive" or "Custom Incentive" programs. It appears that Custom Incentive Programs could encompass things like demand-controlled ventilation, enthalpy-controlled free cooling, chilled water reset and other improvements that will save considerable energy over the years with no difference in occupant comfort.

Note that DCEO "Custom Programs" are not formulaic. The onus of proving savings and requesting incentive payments falls on the applicant. "Standard Programs" are formulaic and considerably easier to prepare. DCEO applications are due June 1, 2009. We are currently assisting Unit 116 with formulaic DCEO grant applications for a number of Urbana Schools.

We also have in hand information on the recently passed American Recovery and Reinvestment Act which is part of the federal stimulus program. Frankly, this information is not formulaic, is less than specific and appears to involve a lengthy period of time between application and award. Applications are due June 25, 2009

The stimulus program appears to offer more funding opportunities at the cost of considerably more paperwork. At this point, no one has any experience with this new program and the exact amount of time we'd spend on such an effort is unknowable.

We see the following ranges of effort required by GHR for preparing grant applications. Note this would not include preparation of bidding documents for construction.

	Hours					
	Courthouse		Brookens		Sheriff's Office	
	Low	High	Low	High	Low	High
Lighting retrofits and upgrade.	15	30	20	40	20	30
De-lamping (permanent).	5	7	7	10	7	10
Lighting occupancy sensors.	4	6	8	12	5	7
Chiller replacement.	0	0	3	6	5	8
Boiler replacement.	0	0	4	7	4	8
Motor replacement.	0	0	4	6	4	6
Ventilation controls (CO ₂ based).	5	7	7	12	4	6
Enthalpy controls (digital).	0	0	4	6	4	6
Chilled water reset.	0	0	6	8	6	7
Hot water reset.	3	4	4	6	4	6
Other.	4	4	4	4	4	4
Follow through with agencies.	6	6	6	6	6	6
Total	42	64	77	123	73	104

This effort comes to a fee that ranges from \$23,500 to \$35,500. We propose doing this at standard hourly rates with the upper figure being the Not-To-Exceed.

The fee proposed is to work with the County to identify energy conservation measures and the cost of those measures, to estimate the energy savings resulting from those measures and to assist the County in making application for funding. We will need energy costs for each building. We will walk each building with County Physical Plant Staff to identify and discuss the various systems so they can be analyzed for savings potential.

Mr. Dennis Inman

Page 4

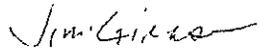
May 5, 2009

Note we have a very short window of time to make the June 1, 2009 DCEO grant application. Our preference is for DCEO over the Stimulus at this point due to the uncertain process and schedule by which federal grants are obtained.

Denny, if the County wants to do this we've got to get going now, as in tomorrow. The number of hours required to do the work is equal to the time remaining until June 1, 2009.

Very truly yours,

GHR ENGINEERS and ASSOCIATES, Inc.



Jim Gleason

JNG/smh

cc: Kevin Siuts - GHR (Fee File)

1
050508 DL.JNG.wpd
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32