

**CHAMPAIGN COUNTY BOARD  
COMMITTEE AGENDA**

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**COUNTY FACILITIES**

**Tuesday, March 3, 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**

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CHAMPAIGN COUNTY BOARD  
**COMMITTEE MINUTES**

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**COUNTY FACILITIES COMMITTEE**

Thursday, January 22, 2009

Jennifer K. Putman Meeting Room, Brookens Administrative Center  
1776 E. Washington St., Urbana

**MEMBERS PRESENT:** Steve Beckett (Chair), Cowart, Sapp, Smucker, Weibel

**MEMBERS ABSENT:** Bensyl, James, Jay, Richards

**CALL TO ORDER**

Chair Beckett called the meeting to order at 6:15 p.m.

**APPROVAL OF AGENDA/ADDENDUM**

MOTION by Sapp to approve the agenda; seconded by Weibel. There was no addendum.  
Motion carried.

**PUBLIC PARTICIPATION**

There was no public participation.

**HIGHWAY-FLEET MAINTENANCE PROJECT: APPROVAL OF REQUEST FOR  
ADDITIONAL PROFESSIONAL SERVICES COMPENSATION**

Mr. Beckett explained that a subcommittee consisting of Mr. Sapp, Mr. Jay, Chair Weibel, himself, Mr. Inman and Mr. Blue met with the representatives from BLDD to go over the spreadsheet attached to the proposed resolution. The facts of that meeting were then discussed at a County Facilities meeting. The subcommittee members, at that time, were split regarding the final payment. Mr. Sapp and Mr. Jay did not support paying them anything while he and Mr. Weibel felt they had some responsibility to do so.

He believes this is a matter this committee should discuss and decide on a recommendation for the full board but he does not believe it is a matter that should be decided with less than the entire committee present.

MOTION by Cowart to defer to the February County Facilities meeting; seconded by Smucker.

Mr. Beckett stated this is the first meeting of this committee and because this is an issue where there is dispute he doesn't want to ram it through and he doesn't think five members of the committee should decide this. When asked about a deadline he explained this will close the project out but there is no deadline.

Motion carried.

**COURTHOUSE MASONRY/BELL TOWER PROJECT**

Motion by Weibel to receive and place on file, seconded by Smucker. Motion carried.

**OTHER BUSINESS**

There was no other business

**ADJOURNMENT**

Chair Beckett declared the meeting adjourned 6:20 p.m.

Respectfully Submitted,

Tiffany Talbott  
Administrative Secretary

CHAMPAIGN COUNTY BOARD  
COMMITTEE MINUTES

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COUNTY FACILITIES COMMITTEE

Tuesday, February 3, 2009

Lyle Shields Meeting Room, Brookens Administrative Center  
1776 E. Washington St., Urbana

MEMBERS PRESENT: Steve Beckett (Chair), Bensyl, Cowart, James, Jay, Sapp, Smucker, Weibel

MEMBERS ABSENT: None

OTHERS PRESENT: Denny Inman, Deb Busey, Gail White, Brad Klein (White & Borgognoni Architects) Media

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 for the meeting. Motion carried.

Approval of Minutes - November 12, 2008

MOTION by James to approve the minutes of November 12, 2008 as presented; seconded by Jay. Motion carried.

Public Participation

There was no public participation

Courthouse Masonry/Bell Tower Project  
Project Update by W&B & Roessler

Gail White, of White & Borgognoni Architects, presented an update to the committee. He explained that the pre-cast structure has been erected so the tower is up to the full height it is intended to be. Part of the lower portion of the tower is enclosed so work on the masonry can continue in spite of the weather. The stone has been reinstalled up to the level where the first story is approximately and the additional masonry work is progressing upward. The rest of the tuck pointing on the other portions is not yet underway due to the weather, but the work in the interior is progressing well. The contractor and subcontractors have all been very conscious about staying on the project, working with weather conditions and continuing on a normal work schedule.

Mr. White stated the foundation was a real unknown and some conditions of the old stone work were unknown, once the stone was taken out and they could see how it had been cut, which wasn't what they anticipated finding, there were some costs there. Some of the construction detailing in the original building was a little different from what was anticipated and what was built into the design so they had to make some adjustments there but overall he feels we have been fortunate that things have gone smoothly for the type of construction it is and the level of documentation that was available in the original drawings.

Mr. Beckett stated it sounds as if the issues there were raised once they could see what they couldn't before, and asked if there are their anymore issues like that where we are going to face something new. Mr. White stated he feels they are beyond the worst of that because now they are getting to a level where things are a newer construction.

When asked if all materials are on sight, Mr. Klein stated not everything is on sight.

When asked about precautions that have been taken against the weather and the costs for that, Mr. White stated those costs were built in from the beginning and they are maintaining certain levels of heat where they are doing the masonry work. The contractor is responsible for maintaining the property and repairing any damage that may occur due to weather.

Mr. Weibel stated we have spent about 22% of the contingency fee and asked if they anticipate our spending rate remaining about the same and if we will end up with leftover contingency. Mr. White stated he anticipates there will be some contingency left at the end of the project, they had a lot of potential for a lot of things to go wrong when the tower was coming down but it was a very controlled process with no issues, he stated Roessler Construction is proactive in their approach to the project.

Mr. Sapp asked if the change orders listed came before this committee. Mr. Beckett stated the change order for the gargoyles did but he is unsure about the other money.

Mr. Inman explained the additional owner expenses are for the renovation of the 2<sup>nd</sup> and 3<sup>rd</sup> floors for the State's Attorney and Public Defender which was not in our original contract. Mr. Sapp pointed out if you add those costs to the contingency it will bring it down to under \$400,000.

Mr. Beckett asked if there is any other issues anticipated that we need to get beyond to have a handle on the use of contingent funds. Mr. Inman stated he believes we are at that point now.

Mr. Sapp stated the added expenses by owner payments this month were \$17,655 which is not included yet in the contract total so in fact the contract total should go up higher which will bring the contingency down even lower.

Ms. Busey explained that the first column on the spreadsheet shows the original contract amounts, the second column is change orders and any changes related to construction are being subtracted from contingency, so the total building construction is zero. They have added \$134,000 in cost and subtracted that from contingency.

All other changes are added to the total project budget; the original budget was \$6,747,522 and it is currently \$6,943,086 so they are only contributing construction changes with construction contingency. There was no original budget for owner items; the total in payments year to date is the amount that existed in the previous report plus payments this month for a total \$87,900.

Mr. Sapp stated he is concerned that we originally approved a budget of 6.7 million knowing we had almost \$600,000 in contingency and although we have approved other amounts, our contract total is now up to 6.9 million so we are not staying in budget. Ms. Busey stated this reporting is new but her understanding was the contingency was for construction changes not necessary A/E contract changes or additional expenses so if you look at that column, if it is subtracted from contingency it would adjust the project total back to 6.7 million. They may change the format of the reporting so they can see the running total of changes.

Mr. White stated some of the additional expenses they have run into were not because of problems and gave the example of the north exit out of the jury assembly room. He explained that was something that had been a concern to them, putting such an effort into reconstructing the tower then not having a door there seemed out of character with the overall effort. So they suggested re-establishing an exit out of the jury assembly room for that purpose but also to increase the level of life safety. Mr. Beckett explained they had a meeting with the Sheriff who pointed out if there was a fire there would be a way for everyone on the upper floors to come down and go out the south door, people in jury assembly would also have to get to the door which could be a problem, by closing off the wall it would also help him keep track of people going in the Public Defender's office so he was all for this. Mr. Klein stated it was not a code violation because the first floor of the existing Courthouse had two exits, they met the letter of the code from the previous modifications and what they did was going a little beyond that. The letter of the code is a good minimum baseline but in some cases there is good reason to go beyond.

#### **Request approval to let bids for roof replacement**

Mr. Inman explained the roof is approximately 20 years old and is nearing the end of its life cycle. This project, in consultation with Mr. Beckett and Mr. Weibel, was put on the local projects for stimulus package money list and they would like to put it out for bid now, before the stimulus money is released hoping to keep that pricing because they are certain prices will go up once the stimulus money is out. They would like to run the project through our contractor, Roessler Construction, and the roofer would be a subcontractor to them.

Mr. James asked what part of the Courthouse this covers. Mr. Inman explained it is the old part and they are looking at shingles with a 50 year warranty. Mr. James asked about the gutters. Mr. Inman explained there is some gutter repair already in the project and they have looked at the down spouts and discovered four of those need to be replaced.

Mr. Bensyl asked if the final letting of this project is contingent on the stimulus money or if we have funds to move forward if we don't get that money. Mr. Inman explained we may have funds available but it will depend on how the project moves forward.

Mr. Beckett stated just because we let the bid doesn't mean we have to do the project and asked when we will know about the stimulus package funding.

Mr. Weibel stated they are aiming for a President's Day signature on the bill if the senate and the house can agree, then we will hopefully have an idea.

Ms. Cowart and Mr. Richards arrived at 7:07 p.m.

Mr. Sapp stated if you look at what was submitted this doesn't rank in the top tiers of where the money would go first. Mr. Bensyl asked, assuming we don't have an answer on the stimulus package and we don't have any other funds available out of the project, if we will be able to do the project. Mr. Beckett stated the stimulus funds and the construction budget are the only funding sources available.

Mr. Jay stated if the money isn't there when it needs to be, we just say the money isn't there.

**MOTION** to recommend approval of letting bids for roof replacement.  
**Motion carried.**

#### **Project Spreadsheet**

This item was addressed during the project update discussion.

#### **Request for additional A/E Professional Services for Security Camera System**

Mr. Inman stated while they were going through the different options for the tower, they did not include the security cameras which were part of the original courthouse project. This request is to put a finalization to the exterior security system. The county will do most of the interior work; this is just designing where they will be installed on the building. It is \$7,456.07 for the engineering fees, the Sheriff is paying for most of the equipment and we will use our labor to run wiring back to the lower level control center.

**MOTION** by Weibel to approve the additional A/E Professional Services for security camera system; seconded by Sapp.

Mr. Beckett stated this money is coming out of contingency.

**Motion carried.**

#### **Fleet Maintenance/Highway Facility** **Report on Project Cost: Spreadsheet**

**MOTION** by Richards to receive and place on file the report on project cost spreadsheet dated January 2009; seconded by Weibel. **Motion carried.**

#### **BLDD – Request for additional compensation**

Mr. Beckett explained there was a committee that negotiated the fee with the architect which consisted of himself, Mr. Weibel, Mr. Inman, Mr. Sapp, and Mr. Jay. As the project was winding down they received a request from BLDD for \$62,738, so in the fall that original committee had a meeting with BLDD to have them explain what they were looking for and why.

The first item was \$45,000 they felt entitled too under the terms of the contract because the dollar amount spent on the building was larger than the amount of budget they projected therefore they believe they had received a fee based on a percentage of the overall cost and were entitled to a greater fee because the project cost was larger. He remarked he did not think it had much merit but would talk to our attorney. The second item was billed based on the rates under the contract for additional onsite observation they had done and turned in the time for but had not billed, then there were a series of items that represented things we had asked for during the construction that required either engineering or architect work to get done, some of them had been billed for some had not. BLDD left the meeting and the committee talked and he and Chair Weibel both believed they did the work had a contract and should be paid. Mr. Jay and Mr. Sapp asked why they didn't they bill us before and why they are coming to us now and both believed BLDD wasn't entitled to anything. He never received the information from the attorney so he couldn't bring this item back in November, and this would have been the only item on the January agenda but it wasn't ready for our regular meeting so the committee met before the board meeting to address this. His position hasn't changed, the \$16,988.60 they are asking for is because of work they did do.

Mr. Sapp stated there was some additional discussion and he believes they should not be paid the \$45,000. When the project was originally bid we wanted to get to the lowest cost possible so they did some things in design to lower cost, then after the project was approved we went to them and asked for changes and it cost us more money. He feels they shouldn't put something somewhere just to get costs down while making it unusable, and that was part of what he was upset about.

Mr. Jay stated he still will not support this, he believes those fees may have been owed at one time but not at the end of the project. BLDD needs to assume some of the responsibility and he doesn't feel this is fair or right.

**MOTION** to approve the request for additional compensation failed with a 5/4 roll call vote. Voting no was Bensyl, Cowart, James, Jay and Richards. Voting yes was Beckett, Sapp, Smucker and Weibel.

Mr. Beckett stated we are going to end up getting a notice of arbitration and end up with legal fees. He doesn't like to see anything killed in committee and this vote says we are not going to let the board decide and he doesn't think that is right.

**MOTION** to reconsider the original motion by Richards, seconded by Weibel. **Motion carried** with a 6/3 roll call vote. Voting yes was Beckett, Cowart, Richards, Sapp, Smucker and Weibel. Voting no was Bensyl, James and Jay.

**MOTION** to move the item to the full board without recommendation by Sapp, seconded by Weibel. **Motion carried.**



### Current & Future Stimulus /Recovery Projects

#### Current identified local projects

Mr. Inman explained he, Cameron Moore, and Mr. Weibel went to Chicago then Springfield, meeting with the Illinois Infrastructure Task Force to get a handle on what the stimulus package means to Champaign County. Prior to that, there had been a call to local government agencies to create a list of ready to go projects and he provided the list to the committee. Originally, we had two projects within the top 18 since then some have come forward and we have been bumped down the list so it is now the top 24 projects considered ready to go. It is our understanding that there will be money for transportation that will have its own formula, there will be money for sewer that will have its own formula, education facilities which has a separate funding and there will be energy and technology so in theory the local government money will come from either the federal money or the promise from the state to create their own capital stimulus package. The state believes the federal government will act within the next 65-70 days once it gets here the state process starts which adds another 45 days.

Mr. Smucker stated there is nothing on the list which looks at renewable energy projects, such as geothermal power or the County owning a windmill. Mr. Beckett stated he is trying to identify someone from the University of Illinois to come talk to the committee about renewable energy and it will be a future agenda item. Mr. James stated the Township Officials have been meeting to try and gain some groundwork to tackle the wind energy issues.

Mr. Bensyl asked about item 30 on the list, Nursing Home HVAC. Mr. Inman stated it is to implement the correct fix for the nursing home HVAC system because what we had done was just suitable.

#### Future projects – jail replacement

Mr. Beckett stated there is no consensus for a new jail in our county, no consensus right now to even add a pod to our jail but his opinion is if we could close the downtown jail and had the opportunity to build replacement beds at the satellite there is nothing wrong with that.

Mr. Sapp stated it is a stretch to think a 30 year old building is reaching the end of its life cycle and asked if the downtown jail can be redone for less than the cost of building new and he hopes that is considered.

When asked if we could pursue both avenues Mr. Beckett stated yes but we have to get the Sheriff to agree with us and he doesn't want to be in that building because of a number of things, it's not just the building there are also policy issues.

Ms. Busey stated if we are looking at both options a good capital plan should look at operational impact. Try to quantify the financial impact of operations in two facilities versus one because over a period of years it could be substantial. Mr. Beckett reminded the committee that this is the first meeting and if anyone has any agenda items to please let him know.

## Energy Action Report

Mr. Inman stated he is bringing this back for consideration and direction. Our counterparts at the Cities and the University of Illinois have proceeded past us from where we were originally and are looking at ways to conserve energy. Many things listed are common sense items we could implement quickly and inexpensively, another portion of this not included are the grants now becoming available. Our goal is to spend nothing out of the general corporate fund. When asked who the energy action plan group is made up of and who they will report to, Mr. Inman stated there are Department Head meetings on Wednesdays and it would probably be that group and he and Deb will create the report and bring it to this committee and if they need something they will let the committee know.

Mr. Sapp stated there are simple things we can do now and encouraged Mr. Inman to work with the Department Heads about what can be done now, what is needed to result in a policy and move forward. After discussion regarding space heaters Mr. Beckett asked if they need to amend the report to say with approval of the department head.

Mr. Inman stated he requests the committee approve the energy action plan in spirit and let them come back with a more formalized plan. Mr. Beckett asked if there was a consensus that this is the direction we want to go and we look for a new document at the next meeting. No objection stated.

Mr. Beckett stated there is no money for this and if we adopt a policy we could maybe vote it into next years budget.

## Physical Plant Monthly Reports

No discussion

## Other Business Approval of Closed Session Minutes: November 12, 2008

MOTION by James to approve the closed session minutes of November 12, 2008; seconded by Jay. Motion carried.

## Designation of Items to be placed on County Board Consent Agenda

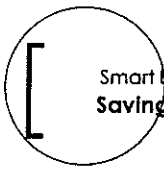
No items will be placed on the County Board Consent Agenda.

## Adjournment

Chair Beckett declared the meeting adjourned at 8:23 p.m.


Respectfully Submitted,

Tiffany Talbott  
Administrative Secretary



Smart Energy Design Assistance Center  
**Saving Energy One Floor at a Time**

Ben J. Silwinski  
 Building Research Council  
 School of Architecture  
 University of Illinois at Urbana-Champaign

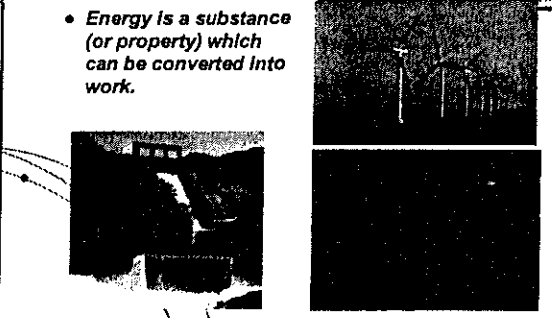



**Overview**

- Introduction – What is Energy?
- The Language of Energy
- Technologies for Energy Conservation



**What is energy?**

- *Energy is a substance (or property) which can be converted into work.*


**The two laws which energy follows are:**

- Energy cannot be created or destroyed. (1<sup>st</sup> Law)
- When converting heat into work the conversion cannot be complete. (2<sup>nd</sup> Law)





**Sources of Energy**

- The Sun
  - Fossil Fuels
    - Coal, Oil, Natural Gas
  - Renewable Fuels
    - Wind, Solar, Hydropower, Biomass
- Nuclear Reactions
  - Nuclear Decay
  - Nuclear Fission
  - Nuclear Fusion (someday?)



**The British Thermal Unit (BTU)**



A Btu is the amount of energy required to raise the temperature of one pound of water 1 degree Fahrenheit.


### How much energy is in....

Energy Source	Energy Content (Btu)	Notes
Sunlight	200 Btu	per hour per square foot
Wind	75 Btu	per hour per square foot of wind turbine swept area in 22 mile per hour wind.
Biomass	7,000 Btu	per pound (value is for switchgrass)
Wood	8,000 to 10,000 Btu	per pound
Coal (Anthracite)	14,000 to 15,000 Btu	per pound
Coal (Bituminous)	10,500 to 15,500 Btu	per pound
Oil (#2 Fuel)	137,000-141,800 Btu	per gallon
Natural Gas	950 to 1,150 Btu	per cubic foot
Gasoline	109,000 - 125,000 Btu	per gallon
Kerosene	130,000 to 140,000 Btu	per gallon
Nuclear Fuel (Uranium)	15,000,000,000 Btu	per pound Uranium-235

### Energy and Power

$$Power = \frac{Energy}{Time}$$

- Power is Energy per unit time.
- Energy is related to power as gallons are related to gallons per minute.



### Energy and Power terms

- therm** – 100,000 Btu, heat energy sources such as natural gas and steam may be sold in therms.
- Kilowatt (kW)** – a measure of power equal to 1,000 watts, it is also equal to **3,412 Btu/hr**
- Kilowatt-hour (kWh)** – A kilowatt-hour is the quantity of energy delivered when power flows at the rate of one kilowatt for one hour. It is **equal to 3,412 Btu**.

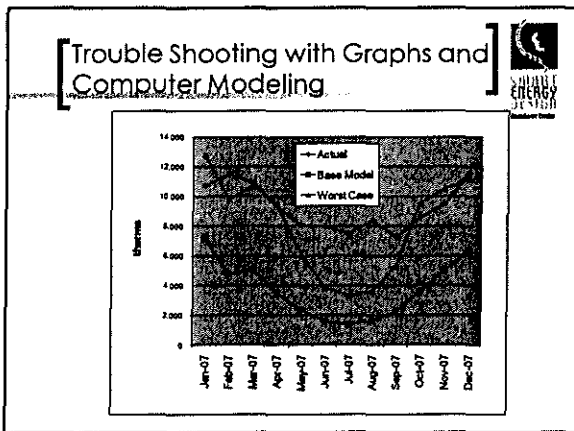
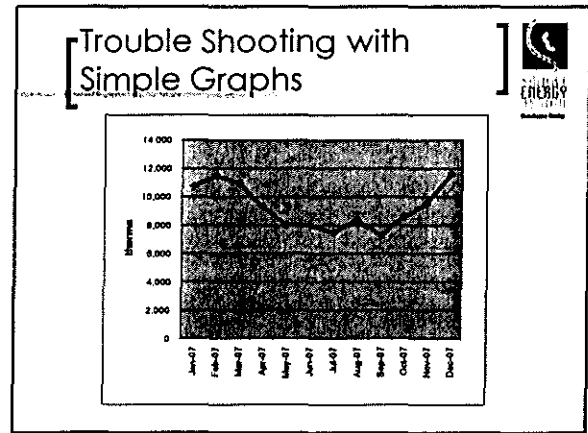
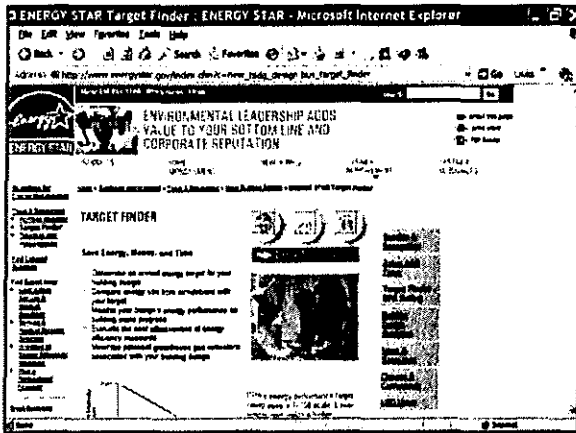
### Energy and Power terms

- Cooling Ton** - A cooling ton is **12,000 Btu/hr**. It is the rate of cooling required to produce one ton of ice in a 24 hour period. The capacity of most air conditioning systems are expressed in tons.

### Energy Efficiency Opportunities

### Benchmarking (Is it a Hog?)

- Use your energy bills to estimate:
  - \$/sf per year (quick and dirty use with caution)
    - around \$1/sf = good
    - \$1 to \$2/sf = fair to slightly poor (typical)
    - \$2 to \$3/sf = probably room for improvement
    - \$3/sf and above = oink (unless there is a process)
  - kBtu/sf per year – more accurate than dollar metric – can use TargetFinder



### Interior Window Films

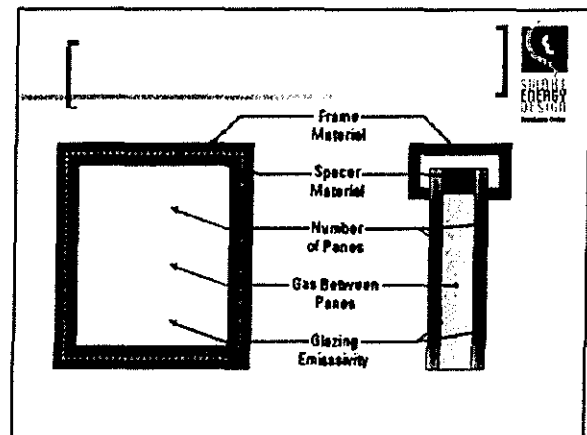
- If acceptable by building management, window films may be a useful option. Choose film tailored for climate.

### Window Characteristics

- Five key parameters:
  - U-Factor
  - Solar Heat Gain Coefficient (SHGC)
  - Visual Light Transmittance (VLT)
  - Air Leakage (cfm/sf)
  - Condensation Resistance

<b>World's Best Window Co.</b> <small>Millennium 2009®          Young's Choice Award Winner          Double Glazing - Argon Fill - Low E          Premium - Triple Sealed Unit</small>	
<b>ENERGY PERFORMANCE RATINGS</b>	
U-Factor (U.S.A.-F)	Solar Heat Gain Coefficient
<b>0.35</b>	<b>0.32</b>
<b>ADDITIONAL PERFORMANCE RATINGS</b>	
Visible Transmittance	Air Leakage (U.S.A.-F)
<b>0.51</b>	<b>0.2</b>
Condensation Resistance	
<b>51</b>	—

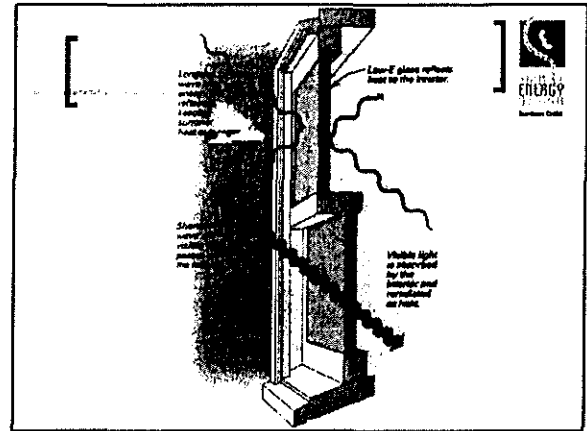
Product Line Available for many energy efficient buildings. SHGC, U-Factor, and Condensation Resistance ratings are based on a standard window. SHGC, U-Factor, and Condensation Resistance ratings may vary. See the ENERGY STAR website for more information. © 2009 World's Best Window Co.



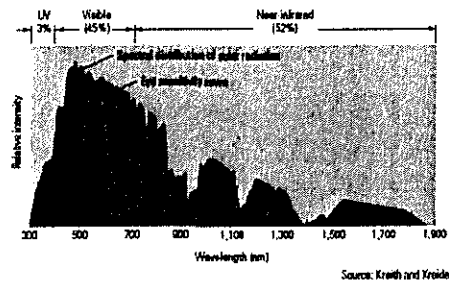
## [ The magic of "Low-E" ]



- The "E" stands for emissivity
- Absorptivity and Emissivity describe how materials respond to radiation.
- The properties are wavelength dependent.
- This allows a material to transmit light but block heat.



## [ Why Low-E works... ]



## [ Tailoring the Window ]



- Lower U values almost always the best choice.
- Solar Heat Gain Coefficient can be selected to block less heat in Northern Climates more in Southern.
- VLT can be chosen to maximize daylighting or to eliminate glare.

## [ Some Window Rules-of-Thumb ]

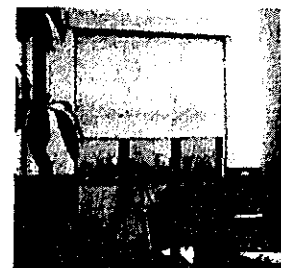


	Cold Climate	Mixed Climate	Hot Climate
U-Value	<0.33 all climates: low U not quite as important in hot climates		
VT	>60%	>50%	>50%
SHGC	>0.55	0.40-0.55	<0.40
Spacer	warm-edge spacers for all climates		
Frame	Thermally broken frames for all climates		
Air Leakage	<0.30 cfm/sf for all climates		


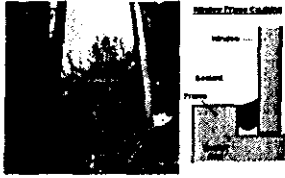
## [ Insulating Window Shades ]



- High R-Value Window Shades, while expensive, may also be a viable option.


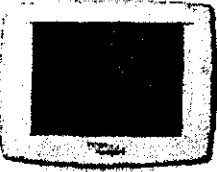


### [ Air Sealing ]


- Air Sealing is just as important in a high rise as it is in your home – maybe even more!
- Wind and Stack effects are greater in high rise.

### [ Programmable Thermostats ]


- They work when you use them.

### [ Thermostat Set-Back and Set-Up ]



- Set Heating to 68 F, set-back to at least 60 during unoccupied periods. Let condensation be your guide.
- Set cooling to 74, set-up to 80 during unoccupied periods. Developing morning recovery schedule based on demand charges or system capacity.
- Easy to do on systems without reheat.

### [ VAV Supply Air Temp. Reset ]



- Saves cooling energy
- Saves reheat energy
- Increases hours when economizer can be utilized.

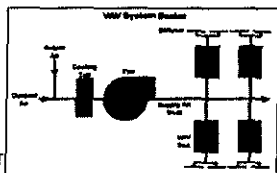




Fig. 1 - Suggested Operation of VAV System

### [ VAV Fans ]



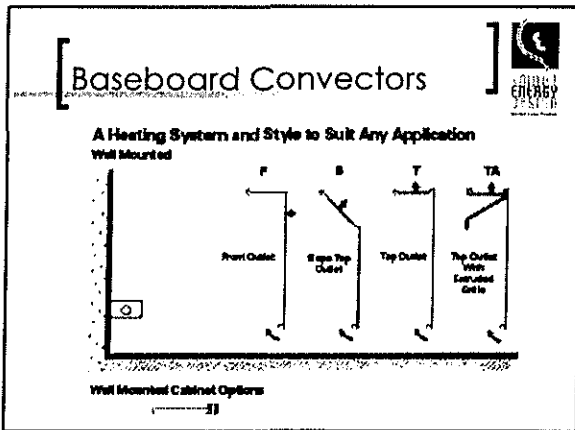
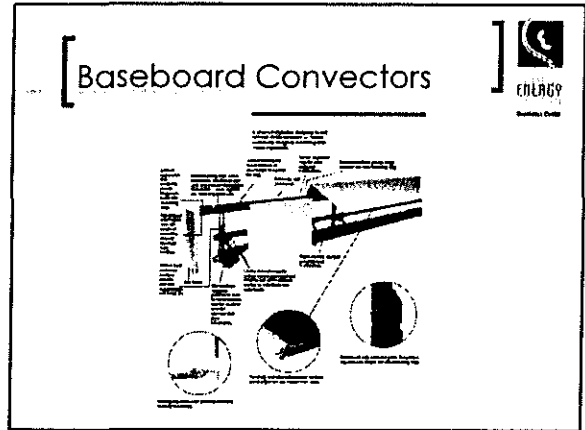
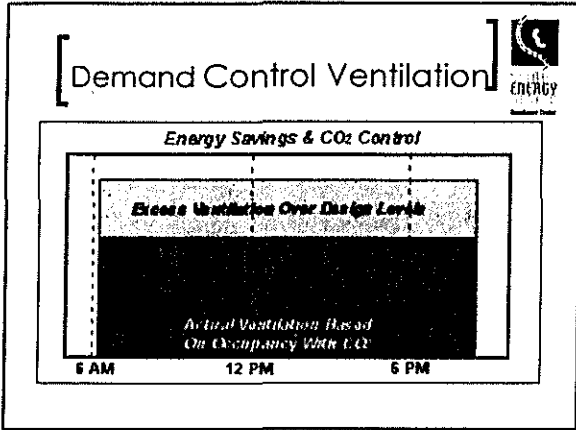
- Static Pressure Reset on VAV Systems.
  - Provides significant fan energy savings since system is often at part load
  - Reduces fan noise

### [ VAV Control Deadband ]



“Variable air volume (VAV) terminal units shall be programmed to operate at the minimum airflow setting without addition of reheat when the zone temperature is within the set deadband.”

To meet this requirement, the control system must allow separate heating and cooling setpoints that are at least 5°F apart. If, for example, the cooling setpoint is 75°F, then the control system cannot enable the reheat coil until the space temperature drops to 70°F or below.



### [ Radiator Valves ]

- For spaces that tend to overheat, and don't have thermostats for control of radiators or hot water convectors.


- ### [ Boilers, Chiller, Etc. ]
- Don't start boilers until OA temperatures are below 50 consistently.
  - Consider shutting down boilers used for AC reheat in the summer or resetting the supply water temperature.
  - Shut down chillers when OA temperatures are consistently below 50, and use economizer.

### [ Isolate Off-Line Boilers ]

- The key to maximizing efficiency with two or three boilers is to be sure that each boiler is completely isolated from the others so that non-operating boilers will not be hot with system water. This will eliminate most of the jacket heat losses from the non operating boiler.



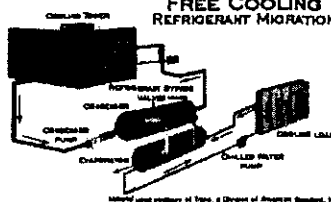
### [ Isolate Off-Line Chillers ]



- Depending on plant arrangement and offline chiller can act as a bypass between supply and return water.
- This reduces system delta T, and wastes pumping energy.

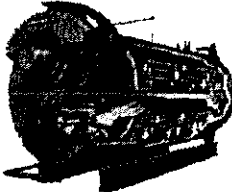
### [ Try Refrigerant Migration Free Cooling ]

- Some centrifugal chillers can provide free cooling at reduced capacity during periods when low temperature condenser water is available.



### [ Reset Boiler Water and Chilled Water Supply Temp. ]

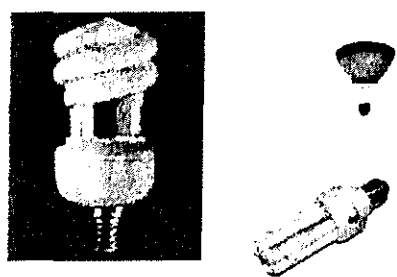
- Lower boiler water supply temperature in mild weather.
- Raise chilled water supply temperature in mild or dry weather.




### [ Reduce Boiler Blowdown Rate ]

- Review your blowdown practices to identify energy saving opportunities.
- Examine operating practices for boiler feedwater and blowdown rates developed by the American Society of Mechanical Engineers (ASME). Considerations include operating pressure, steam purity, and deposition control.
- Consider an automatic blowdown control system
- Fact Sheet Available at [http://www1.eere.energy.gov/industry/bestpractices/pdfs/steam9\\_blowdown.pdf](http://www1.eere.energy.gov/industry/bestpractices/pdfs/steam9_blowdown.pdf)

### [ Compact Fluorescent ]




### [ Super T8 and Low Wattage T8 ]





- Super T8 systems can produce energy savings as high as 40 percent over standard T8.
- To identify a Super T8, look for lamps that are at least 3100 initial lumens (as opposed to 2850 for a standard T8) and have a barrier coat design and high lumen maintenance.
- Super T8 lamps include the SYLVANIA "Xtreme," Philips "Advantage" and GE "HL." Ballasts include the SYLVANIA "Xtreme," Advance "Optanium," Universal Triad "HE" and GE "UltraMax."

## Occupancy Sensors




- Use them for office lighting
- Restroom lighting
- Storage Areas
- Mechanical Rooms
- Warehouse Aisles - Fluorescent
- Get creative – use for HVAC in individual rooms or zones.


## Isle – Personal Occupancy Sensor


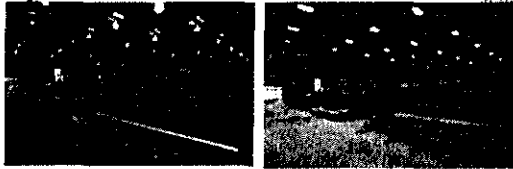
## LED Exit Signs



- Payback is quick
- Rebates available
- Very basic lighting energy savings measure
- Chicago approved


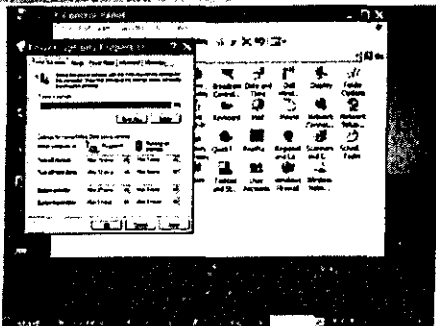


## HID to Fluorescent Retrofit


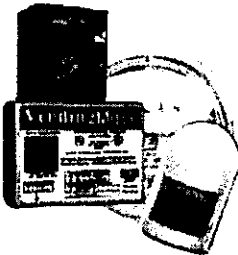



- Existing System:
  - 400watt High Pressure Sodium and 400watt Metal Halide.
  - Each fixture uses 455 watts (400 for lamp, 55 for ballast)
- Retrofit
  - Each fixture uses 234 watts (lamps and ballast combined)
  - Light levels increased 10-20%

## Computers and Office Equipment

## Vending Energy Management

- Vending Misers can be used to control Snack and Cold Drink Machines

## [ Water Savings Measures ]


- Faucet Aerators
- Low Flow Shower Heads
- Low Flow Water Closets
- Low Flow Urinals
- Reduced cooling loads reduce cooling tower water usage
- Eliminate once-through cooling systems where possible

## [ Water Saving Fixture Data ]

Fixture Type	EPA Act 1992 Usage (limit)	Water Efficient Fixture
Water Closet	1.6 GPF	1.1 to 0.8 GPF
Urinal	1.0 GPF	0.5 to 0.0 GPF
Faucet	2.5 GPM	1.8 GPM
Shower	2.5 GPM	1.8 GPM

## [ Lower Water Heater Temperature ]

- Set domestic water heater temperature to 120 F. Use gas fired booster heater where higher temp is required.




## [ Personal Solar Power ]

## [ Brunton Solaris ]


- Foldable solar Panels

Model	Size	Folded Size	Weight	Output	Price
Solaris USB			5 oz	3 Watts (USB)	\$160.88
Solaris 6	29"x9"	-	7.1 oz	6 Watts	\$208.40
Solaris 12	29"x17.5"	-	11 oz	12 Watts	\$409.60
Solaris 26	21.5"x37.5"	11"x8"x1"	28 oz	26 Watts	\$620.20
Solaris 52				52 Watts	\$1298.38



## [ Brunton SolarRoll ]

- Amorphous solar cells for effective low-light performance
- Reverse flow protection
- Tefzel fluoropolymer construction
- for extreme durability
- Waterproof
- UV transparent
- Link multiple like-units together
- for even more output
- Rolls and stores in convenient storage tube
- Includes vehicle outlet cable & multi-linking cable




Model	Size	Weight	Output
SolarRoll 16	12"x57"	17 oz	14 Watts
SolarRoll 9	12"x40"	10.6 oz	9 Watts
SolarRoll 4.5	12"x22"	6.4 oz	4.5 Watts

## Global Solar P3 Series

- Same make up as the Sunling


Model	Size	Folded Size	Weight	Output
P3-15	28.5"x21.5"x0.1"	10.5"x8.5"x0.75"	1.4lb	15 Watts
P3-30	44.5"x21.5"x0.1"	10.5"x8.5"x1.2"	1.8lb	30 Watts
P3-48	52.5"x30"x0.1"	14.5"x8.25"x1.4"	3.2lb	48 Watts
P3-55	55"x32"x0.1"	11"x9"x1.3"	3.5lb	55 Watts



## Global Solar Sunling


- Useful for outdoor needs
- Uses solid state, thin film PowerFLEX™ solar cells
  - Based on CIGS (Copper Indium Gallium selenide) process
- 12V VDC rated
- Weatherproof and UV resistant
- Built-in reverse current diode protection

Model	Size	Folded Size	Weight	Output
SL-6.5	29"x9"x0.03"	9"x5"x0.5"	0.45lb	6.5 Watts
SL-12	29"x17.5"x0.03"	9"x5"x0.7"	0.7lb	12 Watts
SL-25	41"x21.5"x0.03"	11"x8.25"x0.7"	1.8lb	25 Watts




## Solar Power PAC I

- Provides up to 600 W of AC power and 480 W continuous for short periods
- Powers most 120V appliances including desktop computers, power tools, TVs, and VCR's
- Can power any device meant to run from a car's 12V outlet
- Size: 22"x9.25"x14"
- Weight: 29 lbs
- Has a clock and radio




## Soleitec Solar Charger NU1200GBS

- Compact design, at 83.5W x 139L x 21.5H mm
- Accepts any types of connectors made for other types of small portable electric devices under 12, 16, 19 Volt operation
- Safely charging mode controlled by microprocessor
- Exchangeable internal battery, that also functions as an under/over voltage protection, provides instant electric power
- Low reflective film for modulation increases the output power
- 2-fold, 3-faces, 3-parallel connected modules
- Power generation can be increased by two or three times in parallel connections of solar panels
- Capacity of internal battery can be extended by double under user's requirements
- 2-way charger by either solar cell or AC/DC adapter
- Available for UMPC, notebook PC, game player, PMP, etc
- Website



## Eclipse Fusion Messenger Bag

- 12V automotive charging adapter
- Provides up to 2.5 Watts of power
  - Not designed for laptop charging
- Size: 18" x 13" x 5"
- Weights 5 lbs
- Has a capacity of 1170 cubic inches
- Comes with a limited lifetime warranty
- Costs \$189.95-\$249.95



## To Apply for SEDAC Assistance

- Call 1-800-214-7954 or,
- Visit the SEDAC web site at [www.sedac.org](http://www.sedac.org) and download an application.

**COURTHOUSE MASONRY STABILIZATION & RESTORATION PROJECT**

Prepared By: E Boatz 3/03/09

	ORIGINAL CONTRACT	CHANGE ORDERS	CONTRACT TOTAL	PAYMENTS THIS MONTH	PAYMENTS YEAR TO DATE	BALANCE TO FINISH
<b>Original Project Budget</b>	<b>\$6,747,552.14</b>					
<b>Current Budget w/Change Orders</b>	<b>\$6,958,041.12</b>					
<b><u>Architect Fees-White &amp; Borgognoni</u></b>						
Basic Service	\$425,641.74			\$0.00	\$371,584.12	\$54,057.62
Amendment #1-Option 4 Tower		\$43,425.00		\$0.00	\$38,522.45	\$4,902.55
Amendment #2-Temp Cool/Jury Assembly		\$853.40		\$0.00	\$853.40	\$0.00
Amendment #3[-Tower Exit		\$6,221.74	\$476,141.88	\$0.00	\$6,221.74	
<b>Total Architect Fees</b>	<b>\$425,641.74</b>	<b>\$50,500.14</b>	<b>\$476,141.88</b>	<b>\$0.00</b>	<b>\$417,181.71</b>	<b>\$58,960.17</b>
<b><u>Reimbursables-White &amp; Borgognoni</u></b>						
Analysis/Testing: On-site Observation	\$98,092.72			\$0.00	\$42,931.00	\$55,161.72
Amendment #1 - Option 4 Tower		\$7,494.18	\$105,586.90			\$7,494.18
Miscellaneous Reimbursable Expenses	\$39,839.50			\$0.00	\$30,598.84	\$9,240.66
Amendment #1- Option 4 Tower		\$20,593.82	\$60,433.32	\$0.00	\$1,219.07	\$19,374.75
<b>Total Reimbursable Expenses</b>	<b>\$137,932.22</b>	<b>\$28,088.00</b>	<b>\$166,020.22</b>	<b>\$0.00</b>	<b>\$74,748.91</b>	<b>\$91,271.31</b>
<b><u>Building Const - Roessler Const</u></b>						
Existing Building	\$2,787,950.00	\$66,875.68	\$2,854,825.68	\$0.00	\$1,718,674.20	\$1,136,151.48
Tower	\$2,804,150.00	\$67,251.23	\$2,871,401.23	\$0.00	\$1,728,325.80	\$1,143,075.43
Contingency	\$591,878.18	-\$134,126.91	\$457,751.27			\$457,751.27
<b>Total Building Construction</b>	<b>\$6,183,978.18</b>	<b>\$0.00</b>	<b>\$6,183,978.18</b>	<b>\$0.00</b>	<b>\$3,447,000.00</b>	<b>\$2,736,978.18</b>
<b><u>Additional Contracts</u></b>						
Todd Frahm - Gargoyles		\$44,000.00	\$44,000.00		\$29,500.00	\$14,500.00
<b>Total Additional Contracts</b>	<b>\$0.00</b>	<b>\$44,000.00</b>	<b>\$44,000.00</b>	<b>\$0.00</b>	<b>\$29,500.00</b>	<b>\$14,500.00</b>
<b><u>Owner Items **</u></b>						
Additional Expenses paid by Owner	\$0.00	\$87,900.84	\$87,900.84		\$87,900.84	
<b>Total Owner Items</b>	<b>\$0.00</b>	<b>\$87,900.84</b>	<b>\$87,900.84</b>	<b>\$0.00</b>	<b>\$87,900.84</b>	<b>\$0.00</b>
<b>PROJECT TOTAL</b>	<b>\$6,747,552.14</b>	<b>\$210,488.98</b>	<b>\$6,958,041.12</b>	<b>\$0.00</b>	<b>\$4,056,331.46</b>	<b>\$2,901,709.66</b>

% of Project Paid to Date

58.30%

\*\*Owner Items - Project Expenditures not included in original contracts or original project budget.

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 of 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

**Closed Meeting Minutes Review - County Facilities Committee –  
March 2, 2009**

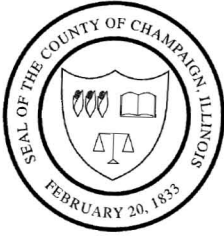
**Is it necessary to protect the public interest or privacy of an  
individual?**

<b>Date of Minutes</b>	<b>Yes, Keep Confidential</b>	<b>No, Place in Open Files</b>
April 26, 1990 <i>Performance Appraisal Subcommittee</i>		
November 12, 1992 <i>Performance Appraisal Subcommittee</i>		
July 7, 1993 <i>Search Subcommittee for Physical Plant Dir,</i>		
November 6, 2001-#1		
November 6, 2001 - #2		
December 10, 2002		
January 6, 2004		
May 4, 2004		
June 8, 2004		
August 25, 2004 <i>Performance Appraisal Subcommittee</i>		
September 15, 2004 <i>Performance Appraisal Subcommittee</i>		
October 5, 2004		
May 10, 2005		
August 23, 2005 <i>Performance Appraisal Subcommittee</i>		
August 31, 2005 <i>Performance Appraisal Subcommittee</i>		
October 12, 2005		
February 7, 2006		

May 2, 2006		
August 22, 2006		
August 24, 2006 – Performance appraisal subcommittee		
September 14, 2006 #1 – Performance appraisal subcommittee		
September 14, 2006 #2 - Performance appraisal subcommittee		
October 3, 2006		
November 21, 2006		
May 6, 2008		
<b>*November 12, 2008</b>		

**\*Minutes not previously approved in semi-annual review.**





CHAMPAIGN COUNTY BOARD  
COMMITTEE ADDENDUM

COUNTY FACILITIES

Tuesday, March 3, 2009 – 7:00 p.m.

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

CHAIR: Steve Beckett

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

ADDENDUM

X COUNTY ADMINISTRATOR

B. Art on the Plaza (discussion only)

*Champaign County  
Administrative Services  
1776 East Washington  
Urbana, IL 61802  
(217) 384-3776*

*Pius Weibel  
County Board Chair  
Denny Inman, Deb Busey  
County Administrators*

**ATTACHMENTS GIVEN TO COMMITTEE AT MEETING**

**COUNTY FACILITIES**

**March 3, 2009**

**CONTENTS:**

1. Draft of Proposed Energy Policy – Item VII A
2. Physical Plant Monthly Reports – Item VIII A
3. Blood Born Pathogens Proposed Policy – Item X A
4. Art on the Plaza – Addendum Item X B

## 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.
4. 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. Boilers operated for the Courthouse and Courthouse Addition will be off-line from
  - g. Employees are encouraged to follow good 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.

**Goal:** Introduce and implement energy saving measures which will reduce overall energy consumption by 10% by November 2010.

**Physical Plant Monthly Expenditure Report**

**January, 2009**

<b>EXPENDITURE ITEM</b>	<b>FY2008 YTD 1/31/2008</b>	<b>FY2008 ACTUAL 12/31/2008</b>	<b>FY2007 YTD as % of Actual</b>	<b>FY2009 BUDGET 12/1/2008</b>	<b>FY2009 YTD 1/31/2009</b>	<b>FY2009 YTD as % of Budget</b>	<b>FY2009 Remaining Balance</b>
Gas Service	\$56,644	\$456,589	12.41%	\$547,793	\$82,142	15.00%	\$465,651
Electric Service	\$44,631	\$796,678	5.60%	\$974,737	\$59,659	6.12%	\$915,078
Water Service	\$4,446	\$34,533	12.87%	\$34,000	\$2,341	6.89%	\$31,659
Sewer Service	\$2,900	\$35,988	8.06%	\$35,800	\$3,422	9.56%	\$32,378
All Other Services	\$30,855	\$240,478	12.83%	\$271,755	\$46,816	17.23%	\$224,939
Cths R & M	\$1,138	\$36,940	3.08%	\$32,035	\$4,840	15.11%	\$27,195
Downtown Jail R & M	\$1,619	\$47,792	3.39%	\$28,189	\$5,799	20.57%	\$22,390
Satellite Jail R & M	\$1,431	\$35,949	3.98%	\$29,087	\$7,108	24.44%	\$21,979
1905 R & M	\$1,043	\$10,089	10.34%	\$10,718	\$2,530	23.61%	\$8,188
Brookens R & M	\$4,462	\$39,838	11.20%	\$33,000	\$3,334	10.10%	\$29,666
JDC R & M	\$987	\$12,169	8.11%	\$14,219	\$1,173	8.25%	\$13,046
1701 E Main R & M	\$641	\$30,420	2.11%	\$53,191	\$5,665	10.65%	\$47,526
Other Buildings R & M	\$301	\$4,768	6.32%	\$8,000	\$15	0.18%	\$7,985
Commodities	\$5,359	\$77,706	6.90%	\$73,314	\$20,537	28.01%	\$52,777
Gas & Oil	\$824	\$12,467	6.61%	\$11,500	\$412	3.59%	\$11,088
S. Hwy Garage Remodel	\$0	\$43,904	0.00%	\$116,752	\$206	0.18%	\$116,546

Prepared by:  
Ranae Wolken  
2/19/2009

Gas Utilities - FY2008

Period	Courthouse	204 E Main	502 S Lierman	JDC	1905 E Main	1701 Garage	Brookens	ITC	1705 E Main	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										\$0.00
March										\$0.00
April										\$0.00
May										\$0.00
June										\$0.00
July										\$0.00
August										\$0.00
September										\$0.00
October										\$0.00
November										\$0.00
Total to date	\$35,453.72	\$12,894.45	\$28,056.54	\$8,968.24	\$4,602.49	\$1,022.96	\$13,231.53	\$27,478.94	\$3,558.10	\$135,266.97

Prepared by Ranae Wolken  
2/27/2009

## BLOODBORNE PATHOGEN POLICY FOR PHYSICAL PLANT EMPLOYEES

### Objective:

The objective of this policy is -

1. Comply with OSHA Bloodborne Pathogens standard 29 CFR 1910.1030.
2. Minimize County employee occupational exposure to Hepatitis B and Human Immunodeficiency (HIV) virus and other potentially infectious bloodborne pathogens.
3. Assure no County employee will suffer health or functional impairment due to occupational exposure to hazardous agent.

Policy: It is the policy of the County Board

1. To comply with the requirements of Bloodborne Pathogens standards per OSHA regulation. This policy applies to all Physical Plant employees, full and part time, who may incur occupational exposure to blood or other infectious materials.
2. To implement and maintain a Bloodborne Pathogen Exposure Control Plan for Physical Plant employees. The purpose of the Exposure Control Plan is to eliminate or minimize Physical Plant employee's to blood or other infectious body fluids. Plan will be reviewed annually for regulatory compliance.
  - a. The County Board recognizes the Sheriff, JDC, and CCNH departments are subject to unique Bloodborne Pathogens control plans based upon occupation and are responsible for those plans.
3. To provide Personal Protective Equipment at no charge to Physical Plant employees. PPE will include gloves, gowns, masks, and eye protection.
4. To provide training within 90 days of employment and annually. Training will comply with OSHA requirements and include; understanding of bloodborne diseases and their transmission, review of Exposure Control Plan, review of personal protective equipment, review of Hepatitis B vaccine, and handling of exposure to bloodborne pathogens.
5. To establish and maintain accurate records for each employee with occupational exposure to bloodborne pathogens per OSHA regulations. Employee records will be kept confidential, information will not be disclosed without the employee's written consent unless required by law, and the County will maintain said records for employment duration plus 30 years.

**ADDENDUM ITEM X B ATTACHMENTS**

**DOCUMENTS ORIGINALLY PROVIDED  
TO COMMITTEE IN MAY 2007**





**Public Works Department**  
706 South Glover Avenue  
Urbana, IL 61802  
(217)384-2342  
FAX (217)384-2400

April 26, 2007

Mr. Steve Beckett  
Champaign County Board  
1776 E. Washington Street  
Urbana, Illinois 61802

**Re: Public Art on County Property**

Dear Steve:

Thank you for taking the time to meet with Gale Jamison and me, regarding the possibility of placing public art on County property.

As we discussed, the current situation with the newspaper racks at the corner of Elm Street and Broadway Avenue is unsightly and probably not located in the best spot for courthouse visitors. This presents us with the opportunity to address this situation and provide public art at the same time.

Attached to this letter are photos of the existing condition of the racks, copies of pictures of public art from other communities, and an aerial photograph of the courthouse. It is our hope that we can recruit an artist who is able to incorporate a utilitarian item, in this case newspaper racks, into a piece of art. Our plan is to conduct an RFP process and then select an artist based upon the responses received.

In order to proceed, there are some details to be addressed between the City of Urbana and Champaign County:

1. Location. We would like a location on County property between the courthouse entrance and Broadway Avenue. We will need to stipulate the general location for the artists involved in the RFP process, but the exact placement may depend on the specifics of a given design. The area we have in mind is outlined on the aerial photograph attached to this letter.
2. Agreement. Since this will be a City of Urbana project located on County property, we will need an intergovernmental agreement that covers the bases. This agreement will likely require the County to legislate some sort

of restrictions on future placement of additional newspaper racks at the courthouse and also define who is responsible for what, such as required maintenance.

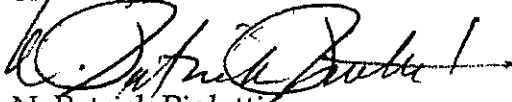
3. Participation. We would like a representative of the County to sit on the selection committee for the artist.

To make progress from this point, we would like to see preliminary approval from your Committee regarding the points above. Once that is obtained, we would then be able to commence the RFP process while working out the finer points of the intergovernmental agreement.

Please let me know if we need to discuss this again prior to taking it to Committee. If not then let me know the date of the meeting when it will appear on the agenda.

Thank you for your cooperation and support.

Sincerely,



N. Patrick Pioletti  
Public Facilities Manager

NPP:klf  
Encls.

Cc: Laurel Lunt Prussing, Mayor  
Bruce K. Walden, Chief Administrative Officer  
William R. Gray, P. E., Public Works Director  
Gale Jamison, Assistant City Engineer  
Libby Tyler, Community Development Director  
Tom Carrino, Economic Development Division Manager  
Anna Hochhalter, Public Arts Coordinator

STOP

ALL WAY

THIRTY  
TICKET

FREE  
Accent  
by  
RHS  
Kent Floder

FREE

BUZZ

FREE

FREE

Chicago Tribune  
Special Section

THE NATION'S HERALD  
1.25

FREE

FREE

10



USA  
TODAY

Accent

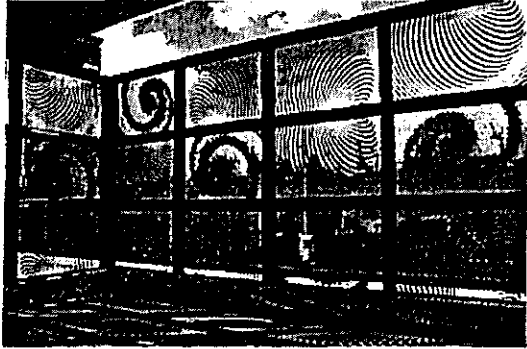
The Home  
FINDER Rent  
Finder

THIRTY  
NICKEL

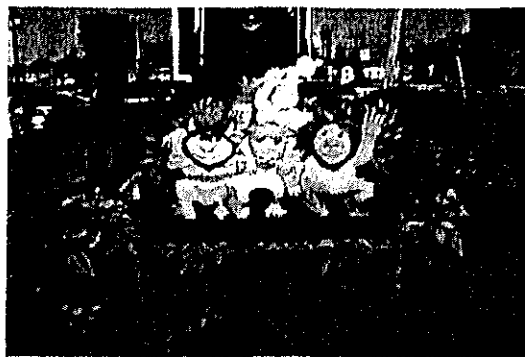
### Art in City Infrastructure

Examples and photo of a modular newspaper rack system

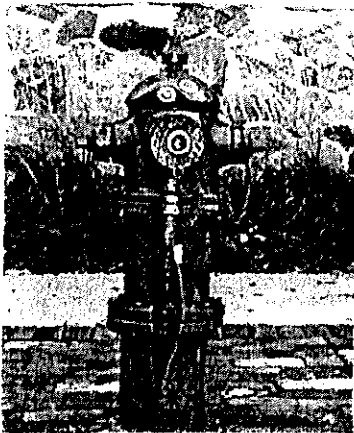
1.



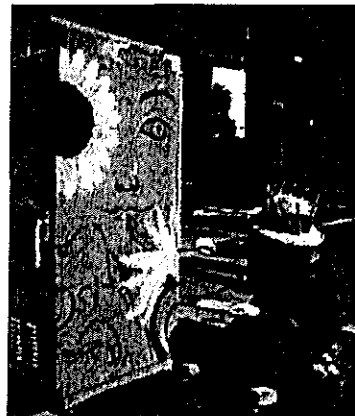
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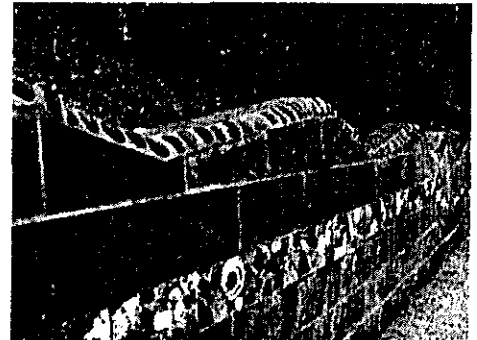
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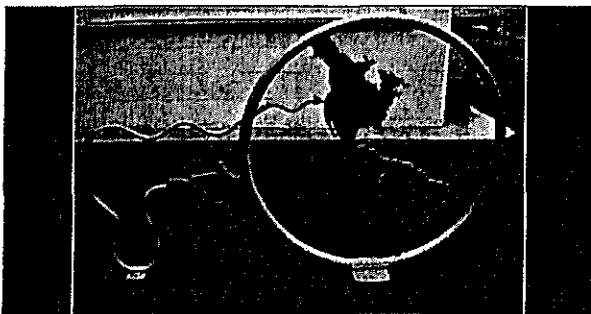
4.



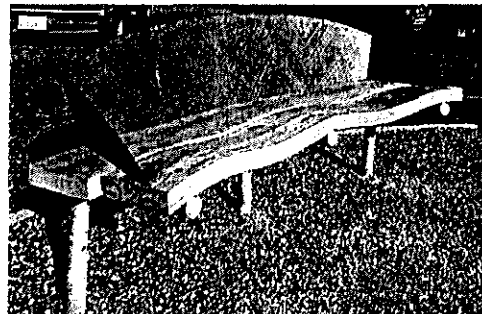
5.



6.



7.



### Modular newspaper rack system



**1. Portland, OR:**

Vicki Scuri, Tri-Met Airport Max Windscreens, Portland, OR. 1998 – 2001

[http://www.4culture.org/publicart/registry/parts/parts\\_profile.asp?ProjectID=scuri01](http://www.4culture.org/publicart/registry/parts/parts_profile.asp?ProjectID=scuri01)

**2. Tinley Park, IL:**

Marty Rose & Don Zak - "A Wild Imagination". Village of Tinley Park's MainStreet Commission features *Benches On The Avenue*, an exciting public art project in downtown Tinley Park, IL.

[http://www.tinleypark.org/tourism/art\\_culture/activities/benches/benchwinners2006.htm](http://www.tinleypark.org/tourism/art_culture/activities/benches/benchwinners2006.htm)

**3. Ann Arbor, MI:**

Fire Up Downtown Project. This is a cultural movement created to highlight the talents of Ann Arbor's student artists and ignite economic vibrancy downtown. All student artists painted a total of 39 fire hydrants throughout the downtown area with their own designs, inspired by the work of an artist of their choosing.

<http://www.arts.umich.edu/programs/special/firehydrant/72.html>

**4. Uptown San Diego, CA:**

Utility Art Boxes. This program has involved over 100 volunteer artists in painting over 100 utility boxes in Uptown. The Partnership gains the approval of the utilities that own the boxes, solicits and reviews artists' designs, and provides the painting supplies. <http://www.uptownpartnership.org/projects/programs.htm>

**5. San Antonio, TX:**

Enhancement treatment of retaining wall and railroad underpass, 2003. Artist: Twyla Arthur. Engineer: Alamo Consultants Engineers <http://www.ci.sat.tx.us/publicworks/PUBART/StreetsandDrainage.htm>

**6. Creative Metalworks:**

LLC based in Oregon, focuses on the creation of artistic bike racks for businesses and communities.

[http://www.creativemetalworksllc.com/Pages/custom\\_all.html](http://www.creativemetalworksllc.com/Pages/custom_all.html)

**7. King County, WA:**

© Caroline Orr and Jon Gierlich, *The Basket Maker*, 1997, Detail, 3 benches, Red cedar and silicon bronze, King County Public Art Collection, Photo by Joe Manfredini.

[http://www.4culture.org/publicart/project\\_popup.asp?locID=15&single=False&imageID=66&artistID=47](http://www.4culture.org/publicart/project_popup.asp?locID=15&single=False&imageID=66&artistID=47)

**Uniform Modular Newspaper Rack Units from Rak Systems:**

<http://www.raksystems.com/catalog.htm>

# **ADDENDUM ITEM X B ATTACHMENTS**

FREDERIC BEAUGEARD, M.F.A.  
507 E. California Ave.  
Urbana, IL 61801  
(217) 344-2350  
Email: [beaugeardf@hotmail.com](mailto:beaugeardf@hotmail.com)

City of Urbana  
Community Development Services  
Downtown Newspaper Rack Project

Urbana, July 18, 2007

Dear Sirs and Madams,

Please consider my news rack design proposal without exact bids for labor and materials, which I will provide later.

My idea is to associate the City of Urbana to the project in process of a new design of urban furniture, by incorporating the "Uniform Newspaper Racks from Rak System" into a new structure which could later be mass produced and sold to other cities and towns.

The prototype and new downtown newspaper rack will be cheaper and faster to build by a team from some existing services of the town, or a local company (after collecting bids), rather than to ask a distant urban furniture company to do it. Maybe the Rak System group could be involved at the end.

I will execute my design, supervise all the work, and choose the materials for an honorarium of \$1,000 plus the cost of the rights registration in my name. The City of Urbana will also pay for the materials, and labor in addition to my own.

The name of this new post-modern esthetic object will take the name of the City of Urbana. Of course the promotion of the image of the town around this collaboration experience could be furthered via diverse media, even art and design magazines, for example.

Proposed name: Urbanastand IL 2007

The prototype will be visible in downtown Urbana, and maybe a commemorative sign with the description of the project will be displayed.

Before your final decision August 13, I would be happy to work with those Urbana city employees in charge of bus-shelter purchases and maintenance to obtain more detailed estimates for my "Urbanastand" street kiosk. I also need more details from you, such as the number of free versus coin operated boxes. Although I have already made preliminary contacts with Rak System and other urban furniture vendors, I believe the name of the City of Urbana will facilitate greater responsiveness from them. I believe, for example, the city can get a better and faster estimate for the glass construction and etching, than I could obtain alone.

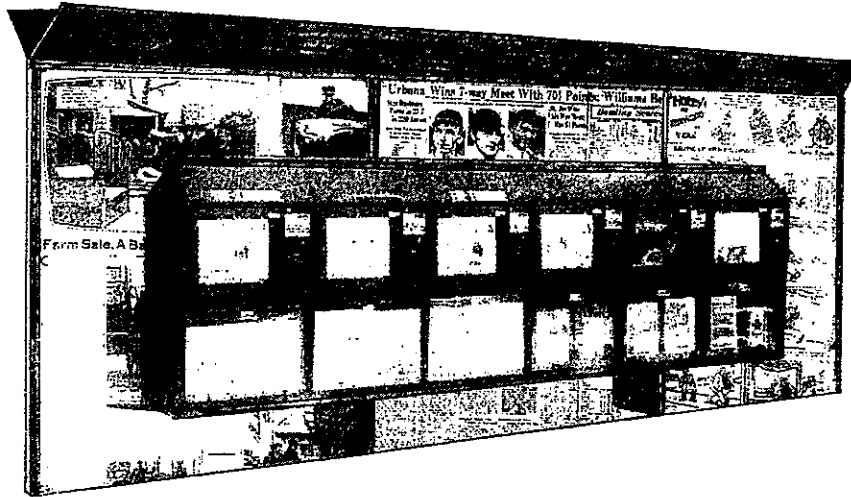
Please contact me so we can arrange a time to work together on this.

Sincerely,

BEAUGEARD F. Urbana Newspaper Rack Project 2007

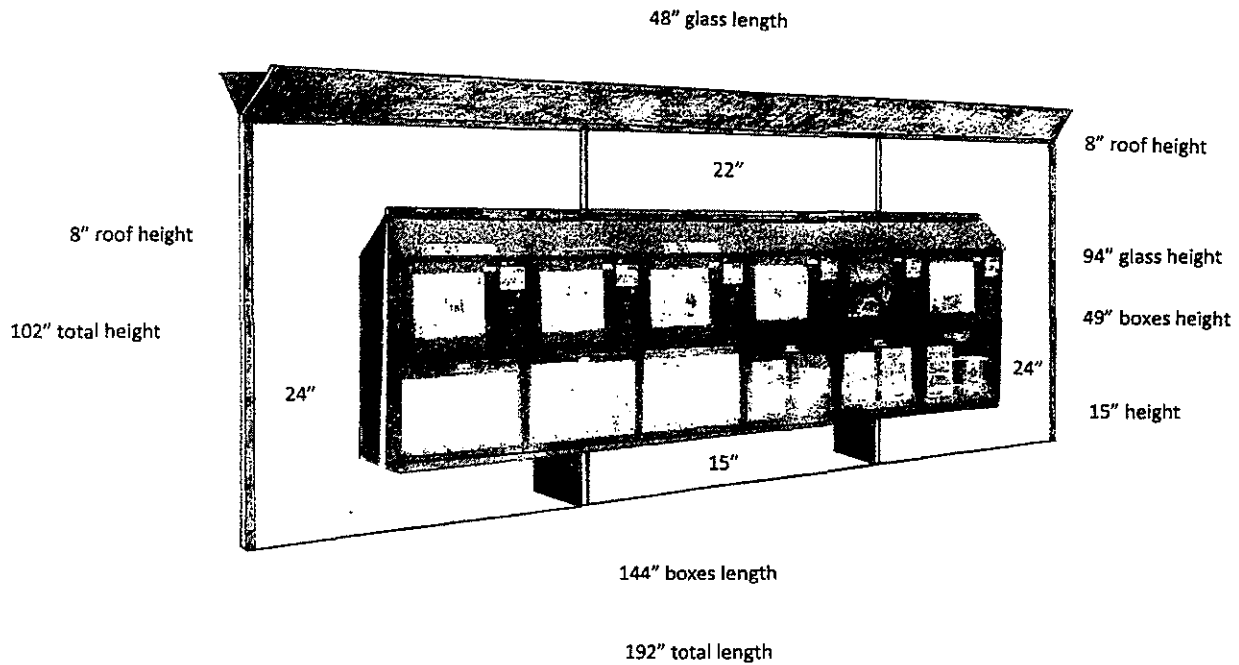


STREET KIOSK



The three newspapers chosen could be different from the ones displayed here. Community groups might like to participate in selecting historically significant issues of current or past area newspapers.

The glass will be semi-transparent (to keep the building behind visible for a global light effect) with the print of an old newspaper (sepia color ?) on the four panels (without newspaper title) connected to the tradition or history of Urbana.



The design will feature integration of the newspaper racks inside four panels of glass like the bus shelter.

The boxes and the reinforcements (outside structure purchased) will be dark brown, the same color as the existing urban furniture in Urbana (benches, bus shelter, dustbins) that matches the traditional architecture in red brick in the town center.

There will be a small roof in the opposite direction of the top of the boxes (must be built with the reinforcement welded to it) for the esthetic floating effect, that will give some height to the existing building, and will give the impression of a protected place, a sense of welcome.

**Various Views**

The following are the views of the various members of the committee on the proposed new constitution for the state of Illinois.

**To Fill Gapan Services Here**

**Prison Institution Organized in London**

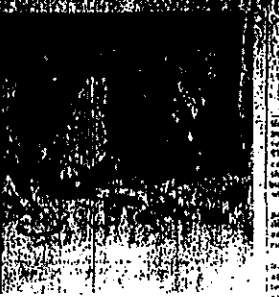
In the construction of a new prison institution in London, England, the committee has decided to fill the gap in services here. The institution is to be organized in London, England, and will be operated by the British government. The committee has decided to fill the gap in services here by organizing a new institution in London, England. The institution is to be organized in London, England, and will be operated by the British government. The committee has decided to fill the gap in services here by organizing a new institution in London, England. The institution is to be organized in London, England, and will be operated by the British government.



While the top officers of the University of Illinois are in London, the British government has decided to fill the gap in services here by organizing a new institution in London, England.



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**Controlled by Commission**

The committee has decided to fill the gap in services here by organizing a new institution in London, England. The institution is to be organized in London, England, and will be operated by the British government. The committee has decided to fill the gap in services here by organizing a new institution in London, England. The institution is to be organized in London, England, and will be operated by the British government. The committee has decided to fill the gap in services here by organizing a new institution in London, England. The institution is to be organized in London, England, and will be operated by the British government.

**Drainage Job Is Completed**

Five and One-Half Miles of Tile Land in Com-promise Township.

**On The Campus**

By Arthur Beach

**Farmers Told of Hybrid Seed**

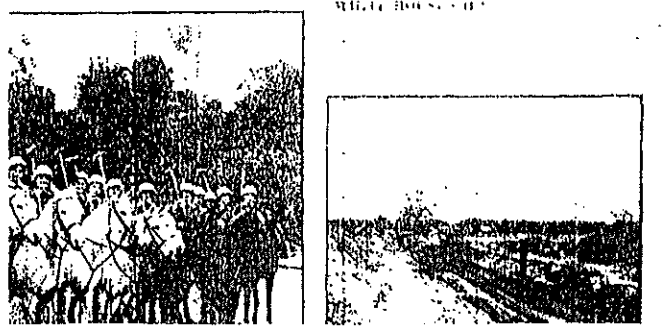
First of Series on Pro-ducing Methods to Be Held Monday.

**Protest Cut in Federal Relief**

Protesters in various parts of the state have expressed their dissatisfaction with the federal relief program.

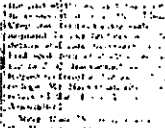
Urbana, Illinois, Monday, April 19, 1937

**Best War Games In Naval History**



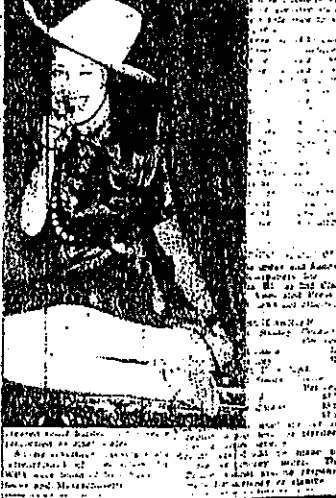
**MARRIED**

Mr. and Mrs. [Name] are pleased to announce the marriage of their daughter, [Name], to [Name] on [Date]. The ceremony was held at [Location].



**MARRIED**

Mr. and Mrs. [Name] are pleased to announce the marriage of their daughter, [Name], to [Name] on [Date]. The ceremony was held at [Location].



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## URBANASTAND KIOSK PLACEMENT

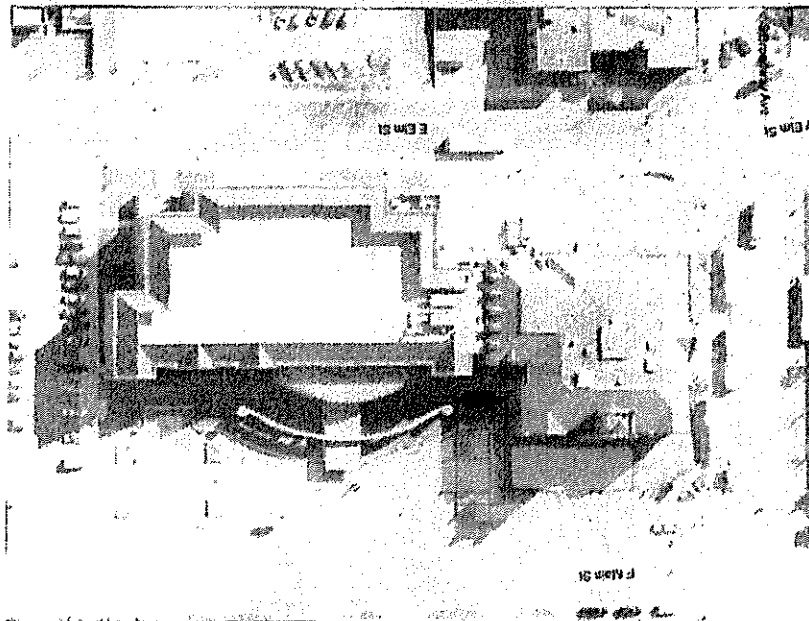
Final Proposal by Frederic Beugeard, M.F.A. Artist Intermedia, August 27, 2007  
[beugeardf@hotmail.com](mailto:beugeardf@hotmail.com)

Inside the designated blue rectangle

Concerning the problem of land ownership for my placement proposal in front of the Court House, another possibility is to place the kiosk in the right corner of the entrance, close to the building inside the designated blue rectangle.

It will be visible by visitors entering the building from the front, from the other side of the street and from the left for those moving East on Main St. (Contrary to the map, the front of the Court House is really not so big.) There is sufficient space with the grass between the building and the kiosk. The trees will continue to grow and some branches could also be cut to maximize kiosk visibility. This optimal placement keeps open the circulation at the right to accommodate eventual changes to the graveled area on the west side of the Court House plaza.

This placement of the kiosk will allow it to remain unaltered.



BEUGEARD F. Urbana Newspaper Rack Project 2007