

Contact: Joan Racki

UNIVERSITY OF IOWA UPDATE OF FLOOD RECOVERY STATUS

Action Requested: Receive the report from the University of Iowa.

Executive Summary: The University of Iowa has provided the following report regarding the flood recovery status of various campus facilities. The report updates information provided at the March 2010 Board meeting.

University of Iowa Flood Report – April 2010

Attached are three documents which comprise the University's April 2010 Flood Report. The first two documents provide a summary of the status of the major flood-related building projects; the third document is the standard financial report.

Since the March report there has been significant progress on the IMU and Art Building West projects. The regional FEMA reports have been submitted to the national FEMA office for review and approval. Obligation of funding for these projects could come this spring or early summer clearing the way for construction to begin.

Substantial, focused attention on replacement of the School of Music and its recital halls is underway. The University will continue to keep the Board Office apprised and will seek the Board's permission to proceed as soon as possible.

MAJOR FLOOD RECOVERY and MITIGATION PROJECTS - KEY MILESTONES

April 8, 2010

BOR Permission to Proceed with Planning	Completion of IHLS/Regional FEMA review of recovery and mitigation plans	Completion of national FEMA review/funding obligation	BOR approval of Project Description or Schematic Design and Budget	Award of construction contract	Substantial completion/occupancy
Hancher Auditorium (replacement) February 2010	May 2010*	July 2010*	# TBD	TBD	TBD
School of Music (replacement) April 2010*	May 2010*	July 2010*	# TBD	TBD	TBD
Original/East Art Bldg (replacement) August 2009	April 2010*	June 2010*	TBD	TBD	TBD
Art Building West July 2008	March 2010	May 2010*	March 2010	June 2010*	July 2011*
Iowa Memorial Union July 2008	April 2010	June 2010*	August 2010*	Dec. 2010 (Ph 1)* 2010/11 (all)*	Dec. 2011 (Ph 1)* 2011/12 (all)*
Theatre Building July 2008	June 2010*	August 2010*	TBD	TBD	TBD
Iowa Advance Tech Lab July 2008	April 2010*	July 2010*	September 2010*	June 2011*	October 2012*
Former Art Museum** July 2008	TBD	TBD	TBD	TBD	TBD
Future Museum of Art	Envisioning committee report delivered to President Mason February 2010				
Sidewalk Modification - Flood Mitigation April 2009	UI/Dept Ed funded	UI/Dept Ed funded	June 2009	April 2010 (Ph 1) Fall 2010 (Ph 2)*	July 2010 (Ph 1)* July 2011 (Ph 2)*
Utilities/Power Plant*** July 2008	September 2010*	TBD	TBD	TBD	TBD

* Anticipated or targeted date, to be confirmed; **all dates subject to FEMA review processes and timely obligation of federal funds.**
Site selection to be reviewed by FEMA - Date TBD
** FEMA will support repair and mitigation of the building for alternative, arts-related, programming as determined. Investigation is ongoing.
*** Work will include repair and mitigation of all flood-impacted systems (incl. Main Power Plant/Water Plant/Utility distribution systems). Mitigation may also include FEMA funding support for the West Campus Steam Generation facility, which received BOR permission to proceed in September 2009.
Note: "IHLS" is acronym for Iowa Homeland Security which serves as a coordinating group between FEMA and the University

FLOOD PROJECTS STATUS REPORT

<u>PROJECT</u>	<u>STATUS</u>
<u>Hancher Performing Arts Center Replacement</u>	<ul style="list-style-type: none"> • Northwest campus location approved by BOR (February 2010). • Permission to proceed approved by BOR (February 2010). • FEMA funding obligation for building replacement is being sought, and in process. • FEMA will lead a historic preservation-based “Memorandum of Agreement” process that must be completed prior to razing Hancher-Voxman-Clapp. This process begins following FEMA obligation of building replacement funding. This is also done at the proposed new building site, prior to altering that site. • Consultant selection process has begun with completion expected in June 2010. An Iowa-based architect-of-record (interviews on April 22) and a construction manager-agent (interviews on April 12) will be selected, followed by selection of a project design firm.
<u>School of Music (Voxman/Clapp) Replacement</u>	<ul style="list-style-type: none"> • East campus site investigation/acquisition process ongoing. Report to BOR in April 2010. • Additional steps will be similar to those performed for the Hancher replacement project.
<u>Original/East Art Building – Studio Arts Replacement</u>	<ul style="list-style-type: none"> • Site approval by BOR (August 2009). • Site acquisition and planning underway. • Architect selection approved by BOR (February 2010). The design team will be led by BNIM-Iowa (Des Moines) and Steven Holl Architects (New York). • FEMA funding obligation for building replacement is being sought, and is in process. • FEMA will lead a historic preservation-based “Memorandum of Agreement” process that must be completed prior to razing any part of the original Art Building complex. This process begins following FEMA obligation of building replacement funding. This is also done at the proposed new building site, prior to altering that site. This effort will intend to maintain the original 1936 Art Building while removing all subsequent additions from the site.

<u>Art Building West</u>	<ul style="list-style-type: none">• FEMA is currently reviewing the plan for repair/mitigation. Funding obligation expected in 2nd quarter 2010. Design work is being done concurrently.• Schematic Design/Budget approved by BOR in March 2010. The building will be recovered to its pre-2008 flood state. The building will be protected by a temporary flood wall system that will surround the structure in advance of future floods.• Construction expected to begin in June 2010.• Project completion and occupancy expected in July 2011.
<u>Iowa Memorial Union</u>	<ul style="list-style-type: none">• Upper floors re-occupied.• FEMA review/approval of plans for lower level repair and mitigation projects underway. FEMA approval and funding obligation expected in 2nd quarter 2010.• Multi-phase construction planned to begin December 2010 / January 2011 timeframe. First phase (Bookstore) completion/occupancy expected in December 2011. Other work will continue into 2012.• The project will recover the entire lower level, relocate mechanical/electrical systems to the roof and will create a permanent flood wall/terrace at the building perimeter.• The Schematic Design/Budget will be reviewed at a future BOR meeting.
<u>Theatre Building</u>	<ul style="list-style-type: none">• Upper floors re-occupied.• Lower level recovery and mitigation planning underway. Recovery/mitigation plan to be reviewed by Iowa Homeland Security and FEMA. Should the proposed plan be approved, obligation of funds is expected in the 3rd quarter 2010.• The proposed plan calls for relocation of mechanical/electrical systems. All Theater programs previously located in the lower level will be relocated to a new addition on the roof of the building.• Dislocated Theater programs are currently housed in a former fraternity building on nearby River Street.

<p><u>Iowa Advanced Technology Laboratories</u></p>	<ul style="list-style-type: none"> • Facility re-occupied on temporary basis. • Recovery/mitigation plan is currently being reviewed by Iowa Homeland Security and FEMA. Should the proposed plan be approved, obligation of funds is expected in the 3rd quarter 2010. • The proposed plan calls for a new exterior wall system that will perform as the flood protection wall. It will be contained within an exterior shell matching the building's pre-2008 flood appearance. Additional interior modifications and relocation of building systems will minimize future flood damage risk.
<p><u>Former Museum of Art Building</u></p>	<ul style="list-style-type: none"> • North portion of the building is temporarily restored and being used as interim space for School of Music. • The UI Museum collection is being displayed in a number of interim locations, primarily the Figge Museum (Davenport) and within the IMU. • The UI formed a Museum of Art Envisioning Committee to address the issues surrounding the displaced Museum collection. This committee has completed its task and its final report has been submitted to President Mason.
<p><u>Future Museum of Art</u></p>	<ul style="list-style-type: none"> • The Art Museum Envisioning Committee report was delivered to President Mason in February 2010.
<p><u>Sidewalk Modification – Flood Mitigation</u></p>	<ul style="list-style-type: none"> • Permission to proceed approved by BOR (April 2009). • Project Description and Budget approved by BOR (June 2009). • This project will rebuild the existing riverside walkways to a consistent elevation, thus providing for overland protection from floods to the 1.5' above the 100 year flood level, and providing a solid base for additional protection methods (HESCO barriers) in more extreme floods. • The project will be completed in two phases to accommodate FEMA-supported bank repair / stabilization work that is being planned. The first phase will begin in the spring, 2010 (phase one was bid on April 6) with the remainder of the walkways replacement taking place the following year. • Walkway lighting will also be replaced as part of this project.

<u>Utilities/Power Plant</u>	<ul style="list-style-type: none">• Additional tunnel isolation doors protecting individual buildings from tunnel flooding have been installed. Project was completed, as scheduled, on April 1, 2010. The tunnel isolation doors protecting the Power Plant are already in-place.• An expert consultant, Ken Goettel, is preparing the Benefit/Cost Analysis supporting the Utilities System repair and mitigation strategy. The report will include the latest studies from the Iowa Institute of Hydraulic Research (Dr. Weber) on flood reoccurrence intervals and calculations on likely institutional operation and economic impact should another severe flood occur. Various departments within the UI (including UIHC, Research, and Housing) are assessing the impact of loss of operations.• The Power Plant, Utilities Distribution, and Water Plant repair, protection and mitigation strategies have been completed by Stanley Consultants and Shive-Hattery and are being incorporated into Goettel's Benefit/Cost Analysis report.• Sebesta Blomberg and Stanley Consultants were hired to design the new West Campus Steam Generation/Energy Plant. The new plant will be included as part of Goettel's overall Utilities mitigation plan.
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UNIVERSITY OF IOWA FLOOD RECOVERY
EXPENSE AND FUNDING

	Actuals	Encumbrances	TOTAL
Flood Expense (3-31-2010)	\$141,072,502	\$9,229,855	\$150,302,357

	Redirected Academic Bldg Rev Bond SF376	Dormitory Improvement Funds	Insurance	FEMA	Gifts	Flood Notes	TOTAL
FM Global Federal Flood Building/Content/Extra Exp	\$1,886,571	\$417,818	\$50,946,212 \$5,393,881 \$56,340,093	\$31,542,334	\$1,000,000	\$40,000,000	\$131,186,815
Other			FM Global Business Interruption \$4,053,788		Gifts Flood Relief \$1,138,722		TOTAL \$5,192,510