MASS TRANSIT

THE OFFICIAL PUBLICATION OF THE UNIVERSITY OF MASSACHUSETTS AMHERST STUDENT CHAPTER OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS

OCTOBER 2007

ASCE HELPS BUILD PLAYGROUND

On Saturday Sept. 29th 8 members of our chapter traveled to East Bridgewater to help build a playground in memory of Victoria Snelgrove. Thanks for all the hard work!
News and Information for October

Our next meeting will be on Wednesday, October 17th at 6pm in Marston 132. An officer from the U.S. Navy Civil Engineering Corps. will be speaking about civil engineering opportunities in the Navy. A representative from Baker Engineering will also be at the meeting looking to speak with students about employment. If you want to talk to them, take a look at the attached slide and their website www.mbakercorp.com. Dress casual, and don’t forget to bring a copy of your resume.

Longfellow Bridge Dinner

On Tuesday October 23rd, the Western Branch of the Boston Society of Civil Engineers will be hosting a dinner and lecture at the UMass Amherst Campus Center Hotel. The evening will begin at 5:30 and last until about 8:30 and will include a guest lecture by David Westerling, P.E. regarding the Longfellow Bridge connecting Cambridge and Boston. The cost of the dinner is $10 for students. A PDF flier with more information is included at the end of this newsletter. If you are interested in attending, please e-mail Mike at: mtsull@student.umass.edu by Tuesday October 16th to RSVP

Design Teams:

Concrete Canoe will be meeting next Tuesday, Oct. 16th at 6pm in Marston 220. Contact Kim at krudy@student.umass.edu with questions. If you are interested in joining steel bridge, email Will at wgoulet@student.umass.edu. Big Beam? Talk to Ryan James at ryjames@student.umass.edu

MEMBERSHIP

All members need to fill out a membership application. A form is included on the next page with additional details. Dues are $10 and help cover the cost of pizza and offset the cost of other activities ASCE provides. Only dues-paying members are allowed to participate in ASCE events. Please note that dues are waived for all freshmen and new transfer students.
UMASS ENGINEERING
LONG-SLEEVED
T-SHIRTS

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ONLY $15!!!

Drop off money and order forms to Jodi Ozdarski in the Civil Engineering office on the top floor of Marston Hall.
Our Legacy of Neglect
The Longfellow Bridge and the Cost of Deferred Maintenance

David Westerling, P.E., P.L.S.
Associate Professor
Merrimack College

The Longfellow Bridge connecting Boston and Cambridge, is in bad shape, due not only to its age and the ravages of our weather, but also to a troubling and persistent lack of maintenance. The historical neglect of the Longfellow Bridge is symptomatic of a problem that encompasses almost all the assets owned by the Commonwealth. Fixing the bridge, in effect paying the bill for our unwillingness to maintain it, is estimated to cost $180 million, with the potential for cost overruns reaching into the hundreds of millions.

Once the bridge is rebuilt, will we again let it deteriorate without proper maintenance, running up another massive repair bill for future generations? In light of the recent bridge collapse in Minnesota that focused national attention on this very issue, states across the nation are reexamining the financing and implementation of maintenance for our nation’s aging civil infrastructure.

Mr. Westerling co-authored a Pioneer Institute White Paper on the Longfellow Bridge and the associated high costs of deferred maintenance and will share his findings that include an examination of current practices within Massachusetts and recommendations incorporating innovative measures adopted in other states as we begin to address this critical problem. The presentation will be followed by a question and answer period.

Copies of the White Paper can be downloaded here: http://www.swethelongfellow.com/

Tuesday October 23, 2007
UMass Lincoln Campus Center Hotel - Top of Campus, Room 1009 (Amherst Room)
University of Massachusetts at Amherst
5:30 p.m. Registration/Cocktail Hour  •  6:30 p.m. Dinner  •  7:00 p.m. Program

Registration Cost:
$25 Members, Private Sector
$15 Members, Public Sector
$10 Students and Seniors
$30 Non-Members, Private Sector
$20 Non-Members, Public Sector

Dinner: A buffet with a selection of Herb Roasted Sirloin, Chicken Fricassee and Pasta Primavera will be offered.

For reservations, please contact George Costa, at costag@verizon.net or telephone at (413) 755-4505.
Checks payable to "WMB-ASCE" and mailed to: COSTA CONSULTING ENGINEERS, INC. • P.O. Box 51493 • Springfield, MA 01151
or presented at the door on the day of the event. No shows will be billed.

For Directions: http://www.umass.edu/directions.php

All reservations must be received no later than TUESDAY OCTOBER 16, 2007
The American Society of Civil Engineers
UMass Amherst Student Chapter
MEMBERSHIP APPLICATION

The purpose of the University of Massachusetts Amherst student chapter of ASCE is to broaden students' skills in the field of civil engineering, to provide professional development, and to provide a social network for civil engineering students. This is accomplished through various activities including design competitions like concrete canoe and steel bridge, as well as through social functions and guest lectures.

UMass Amherst ASCE membership is open to all UMass Amherst students, including graduate and undergraduate. Students in Civil Engineering, Architecture, Business and any others interested in civil engineering are especially encouraged to apply.

Benefits of membership include:
* Chance to participate in ASCE national competitions such as concrete canoe and steel bridge
* Opportunity to visit construction sites & talk with professions out in the field
* Opportunity to attend lectures hosted by the Boston Society of Civil Engineers
* Chance to win scholarship money
* Chance to learn more about the civil engineering field

To join UMass Amherst ASCE, please complete the following information and return to the ASCE mailbox across from the CEE department office in Marston Hall along with your membership dues. Membership dues are $10 for the school year 2007-2008. New students are exempt from paying dues. Please make check out to UMass Amherst ASCE.

Name: ____________________________
Phone: _____________________________
Email: _____________________________
Major: ____________________________ Expected Graduation: ____________

Please contact any of the Umass Amherst ASCE officers if you have any questions.

President Michael Sullivan mtsullt@student.umass.edu
Vice President Shelby Zeigler sjzeigle@student.umass.edu
Corresponding Secretary Jeffrey Seymour jseymour@student.umass.edu
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Treasurer Elena Janice ejanice@student.umass.edu
Publicity Coordinator Rob House rhouse@student.umass.edu
Junior Liaison Kimberly Rudy krudy@student.umass.edu
Sophomore Liaison Meg Krupka mkrupka@student.umass.edu

For more information on Umass Amherst ASCE, please visit http://www.ees.umass.edu/asce/
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- **Check us out at:**
  - UMASS ASCE Student Chapter Mtg.
    Wed. 10/17/07 at 5:30PM
    or at www.mbakercorp.com

- or Call 860-257-2411 for details