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(617) 437-3186

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Producer and Managing Editor
Bob Tillman, '72

Photographs
Emile W. J. Troup, '62
Rochelle Perry, '93

students dedicate community service project

Jon Seaman
Jamaica Plain Citizen, December 3, 1992

Thanks to a cooperative effort spearheaded by a group of Northeastern University civil engineering students, residents of an elderly housing development on Amory Street have a new patio to enjoy during warm weather.

The project came about when Northeastern student Christine Geary, a staffer for Hale-Barnard Services, a non-profit firm providing day programs for the elderly, began writing a grant proposal to improve the patio area at 125 Amory St.

"It was in incredibly sad condition," Geary said of the once dilapidated and trash-strewn plaza, adding that when she compared notes with classmate Alex van Veldhuisen, he informed her that the university's chapter of the American Society of Civil Engineers was in the process of selecting a site for a student-run beautification project.

(continues on page 2)
Alton P. Davis, Jr., '63, was the featured speaker at the BSCE/ASCE Hydraulics and Water Resources Groups meeting held in January at the 57 Restaurant. His talk was titled *Remedial Repairs to Existing Dams* and through the use of case histories he reviewed investigations, design and remediation of hydraulic and structural deficiencies at a number of dams in New England.

Mark Evans, '81, spoke on the topic *Landfills: Modern Pyramids*, at the quarterly luncheon series of the NUCEAO. The luncheon was held at Pie 4 and was attended by over 45 students, faculty and alumni.

Carl Stevens, '92, took a 3 month contract with the International Rescue Committee and did sanitation work in the Burmese refugee camps in Southeastern Bangladesh. He is now living in California and working with the Naval Civil Engineering Laboratory.

Arthur G. Swenson, ME '56, retired from Mobil Oil as an environmental engineer.

Emile W. J. Troup, '62, has been appointed Chairperson of the Thirteenth Annual Structures Congress of the American Society of Civil Engineers, to be held in Boston during April, 1995.

Mr. Satoshi Oishi, Chairman of Edwards & Kelcey, Inc. and ASCE Vice President, presented the 1992 ASCE Zone I Vice-President's Award to the Northeastern University Student Chapter. This is the fourth year in a row that the student chapter has been recognized by ASCE and received this award.

The society encourages civil engineering students to undertake community service projects to gain hands-on experience in designing, scheduling, financing, and construction. Geary was pleased to see the Amory Street proposal chosen over four other sites. "What they could offer was ten times more than what I had originally planned," she said during a November 23 celebration dinner held to thank the student volunteers.

The result was a group of 65 to 70 students, faculty, and friends pitching in over 1,200 hours of labor over the course of 15 weekends to transform the space into a usable patio. With the help of $12,000 worth of donations from 27 contributing organizations and individuals, including lumber supplied by Grossman's, the volunteers landscaped the lot with grass, flower boxes, and an evergreen tree, built fences and constructed a new gazebo, sundeck, and tool shed. The group is now working on the final phase, a barbecue pit for the summertime.

"This project really is like bringing new life into the world," noted faculty advisor Richard Fox. "Awards are nice, but more important are a lot of memories at Amory Street that you wouldn't find in an engineering handbook," he said, recalling that one resident tried to help students cutting sod by lowering a bread knife out of his window on a string.

"People ask why we did this," said van Veldhuisen. "The reason is because we can. It's a feeling of giving what we can to people who otherwise would not have it."

Alex van Veldhuisen '93, student

State Representative John McDonough added that project is typical of what he sees as a move away from self-interest and towards helping others. "I think there's a change in the air all the city, a return to looking out for people and what contributions we can make to each other to help build a better community."

After receiving awards from the building tenants' council and City Councilor Anthony Crayton, the students donated a brass plaque with a list of contributors, helped light the new Christmas tree, and then joined residents for a home-cooked soul food dinner.
The Fourth annual ASCE Student chapter Steel Bridge Competition was held on Saturday November 2, 1992 at Tufts University in Medford, Massachusetts.

A record seven chapters participated: Tufts, University of Maine, University of Massachusetts, Northeastern University, Norwich University and Worcester Polytechnic Institute. Both Wentworth Institute and University of Rhode Island sent observation teams in the expectation of entering next year's competition.

The competition, which is sponsored by the American Institute of Steel Construction, requires a team from each student chapter to design and build a 20-ft span under simulated construction conditions; the finished bridges are then tested by loading each bridge up to 2,500 pounds.

Awards for the best bridges were awarded for best time of construction, aesthetics, overall strength, and strength-to-weight ratio.

While not winning any first place awards, the Northeastern team placed second in total weight and third in construction time.

Members of the Structural Steel Fabricators of New England assisted each of the student chapters with the fabrication of the steel bridge components. Professor Daniel Medina attended as the new student chapter advisor and once again Franklin Davis '60, President of Precise Fabricating Corporation, provided materials for the bridge.
The ASCE

Student Chapter at Northeastern

cordially invites all members of the

Northeastern University Civil Engineering Alumni Association

to

relive the memories by a student chapter meeting

on Thursday, February 25, 1993

the speaker will be

Northeastern President John A. Curry

President Curry will present a talk entitled

Building a Better Tomorrow:

Northeastern University's Master Plan

in Room 168 Snell Engineering Center

at 11:30 a.m.

RSVP Bob Tillman at (617) 437-3469 to reserve a seat and a slice of pizza
Northeastern University
Civil Engineering Alumni Organization

Annual Dues Notice - 2nd Notice
For the year July 1, 1992 to June 30, 1993

The Northeastern University Civil Engineering Alumni Organization was formed in 1978 to assist engineering students and to expand the capabilities and resources of the Student Chapter of ASCE. NUCEAO also has the purpose of enhancing the relationship between alumni and the Department of Civil Engineering and its faculty. Revenues from annual dues primarily cover administrative expenses such as: mailings, gifts and awards presented at the Annual Alumni Dinner, newsletters, and the annual senior gift. You are encouraged to voluntarily contribute to either or both of the special funds that have been established by NUCEAO to assist the Student Chapter and the civil engineering student body in general.

NUCEAO Student Chapter Assistance Fund

This fund was established to assist Northeastern's ASCE Student Chapter. Last year financial assistance included: $1000 to the community service project at 125 Amory Street in Jamaica Plain, $750 to defray expenses and allow more students to attend the ASCE Regional Student Chapter Conference held at the University of Hartford, and $650 to assist student attendance at the ASCE National Convention held in Orlando.

NUCEAO Scholarship Fund

Each year at the Annual Alumni Dinner the Northeastern University Civil Engineering Alumni Organization recognizes civil engineering students who demonstrate outstanding professional promise and have contributed to the quality and reputation of the undergraduate civil engineering program at Northeastern. Donations to this scholarship fund are used to award two Outstanding Civil Engineering Student Achievement Awards and last year two $1,000 scholarships were awarded to two juniors in the class of 1993.

Name: ____________________________________________ Class: ______

Address: __________________________________________

City: ___________________________ State: ______ Zip: ______

Please renew my membership for 1992-1993: ______

I do not wish to renew my membership and please remove my name from your mailing list: ______

Annual Dues for 1992 - 1993 $ 15.00

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<th>Contributions</th>
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<td>Individual who graduated in 1952 or earlier are not required to pay annual dues but they still must return a completed renewal form so that we can keep our membership information up to date. Members of the class of 1992 receive their first year membership free.</td>
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| Contribution to Student Chapter Assistance Fund | $  | |
| Contribution to NUCEAO Scholarship Fund        | $  | |
| Total Remittance (Thank you!)                  | $  | |

Please make your check payable to NUCEAO and send along with this form to:

NUCEAO
c/o Professor Robert Tillman
202 Stearns Center
Northeastern University
Boston, MA 02115

NUCEAO/ 348 Richards Hall/ Northeastern University/Boston, MA 02115/ (617) 437-3186
Period: July 1, 1991 to June 30, 1992

Balance on Hand June 30, 1992 $18,545.17

Receipts
- Dues 3,060.00
- Student Chapter Fund 1,370.00
- Award Fund 1,687.00
- Returned from Student Chapter 250.00
- Annual Dinner 1,760.00
- Interest 985.32

Total Income $9,112.32

Expenses
- Newsletters 861.27
- Mailings 461.10
- Student Chapter Project 1,000.00
- ASCE Regional Conference 750.00
- ASCE National Conference 650.00
- Alumni Dinner 2,148.65
- Alumni Dinner Gift Chairs 459.60
- Senior Gift 754.64
- Student Awards 2,000.00
- R. Dodge Memorial Fund 250.00
- Bank Charges 51.60

Total Expenses $9,386.86

Balance on Hand June 30, 1992 $18,270.63

Robert R. Tillman
Treasurer, NUCEAO

effective committee

A recent joint meeting of the NUCEAO Executive Board and Student Chapter Officers from both divisions.
The ASCE Student Chapter will hold a special chapter meeting on Thursday February 25th, starting at 11:30 a.m. All civil engineering alumni are invited to attend. The speaker will be Northeastern University President John Curry who will speak on the University's master plan. See the flyer in this newsletter for more details.

The Annual Alumni Dinner and business meeting will be held on Tuesday April 13, 1993 at the Northeastern University Ballroom from 6:00 to 10:30 p.m. A notice will be mailed in March with all of the details.

A harbor cruise is being planned for the end of May or the beginning of June. A flyer will be mailed when plans are finalized.

As of January 15th, 1993, there were 201 paid members, 12 Life-time members, and 35 class of 1992 members of the Northeastern University Civil Engineering Alumni Organization. Contributions received for the year included: $2,730 for dues, $1,210 for the Student Chapter Assistance Fund, and $1,405 for the Awards Fund, for a total of $5,345.

If you do not pay your annual membership dues each year, you become an "inactive" member of the Civil Engineering Alumni Organization. Your membership dues help support alumni activities such as programs and the newsletter. So, even if you are not involved in committee work or leadership roles, we appreciate your support through active membership status. Thank you for renewing your membership this year.

If you received a dues notice with this newsletter then your dues have not been paid for 1992 - 1993.

ATTN: Bob Tillman
NORTHEASTERN UNIVERSITY
Civil Engineering Alumni Organization
202 Stearns Center
360 Huntington Avenue
Boston, MA 02115