



American Society of Civil Engineers

Our web site: <http://sections.asce.org/columbia/index.html>

# Columbia Section

Since October 10, 1950

## Newsletter

February 2007

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### Columbia Section Meeting – February 21st, 2007

**Date:** February 21<sup>st</sup>, 2007

**Place:** Shilo Inn, George Washington Way, Richland

**Meal:** Buffet (Chef's choice) \$15 per person.  
Please pay cash or check to treasurer at the meeting.

**Topic:** Infrastructure Security & Emergency Preparedness

**Speaker:** Linda Warren, Director of Preparedness Solutions for CH2M HILL

**Additional Speaker:** Angie Copenhaver, Tri-Cities Crime Stoppers, Cardboard Boat Race

Lunch will start at 11:30, and the presentations will begin at 11:45.

**RSVP:** Paul Harmsen, [pharmsen@mackaysposito.com](mailto:pharmsen@mackaysposito.com) or 509-374-4248 by February 20th, 2007.

President's Remarks:

Dear Members:

This month, Linda Warren, Director of Preparedness Solutions with CH2M Hill, will be presenting on infrastructure security. Please mark your calendars and plan to attend this month's Columbia Section lunch meeting.

Please look closely at this month's newsletter as there are a few new items to be found within its pages. Each year the ASCE Columbia Section grants two, \$1,000 scholarships to junior engineering students that have permanent residence within the boundaries of the Columbia Section. Please see attached information for additional details.

Additionally, you will find information concerning the Tri-Cities Crime Stoppers Cardboard Boat race in this month's newsletter.

The Columbia supports several local scientific and engineering programs such as the Future Cities Competition, the Mid – Columbia Science Fair, and Tri-City Technical Council. If you are involved with engineering or science related organizations and your group is in need of a sponsorship, please contact one of the officers and we will review the request, and if funds are available, hopefully support the organization.

Hope to see you this month

Sincerely,  
Paul Harmsen, P.E.  
Columbia Section, President

**Speaker: Linda Warren, Director of Preparedness Solutions for CH2M HILL**

Ms. Warren, a civil engineer in CH2M HILL's Kennewick office, works nationally to assist utilities and communities to prepare for and respond to emergencies, both human-caused and natural disaster. Her work includes contributions to national guidance documents on security and emergency preparedness for the U.S. EPA, ASCE, Water Environment Federation, American Water Works Association, and the National Association of Clean Water Agencies. Her presentations are usually entertaining and include limericks.

**Topic: Infrastructure Security & Emergency Preparedness**

Ms. Warren's presentation on Infrastructure Security & Emergency Preparedness will briefly answer the following questions:

What are Infrastructure Security and Emergency Preparedness?

Why should I be concerned?

What kind of funding is available?

How will it affect the practice of Civil Engineering locally and nationally?

How will this affect you personally?

What's to come?

*Tri-Cities Crime Stoppers*  
**2<sup>nd</sup> Annual Cardboard Boat Race**

Tri-Cities Crime Stoppers invites the ASCE members to participate in the 2<sup>nd</sup> Annual Cardboard Boat Race. The race will be held on July 4<sup>th</sup> 2007 at Columbia Park. Rules, registration forms and pictures of last years race participants are available on the website located at [www.tricitescrimestoppers.org](http://www.tricitescrimestoppers.org) or call Mike Blatman, Executive Director, on 585-4212 for additional information.

Angie Copenhaver will discuss the upcoming race during this month's section meeting. Angie is the owner of ANR Group Inc, a technical placement agency in Richland. She has been the Board President for Tri-Cities Crime Stoppers for the last 4 years. Crime Stoppers is also actively recruiting new members for the Board of Directors. To find out how you can support Crime Stoppers, call Angie on 946-1725 or by email at [angiec@anrgroupinc.com](mailto:angiec@anrgroupinc.com).



**NOTICE!!!!**

**Postal mailing of monthly newsletter to stop in March**

The ASCE Columbia Section has decided to eliminate the hard copy mailing of the monthly newsletter. The Section pays a significant amount of postage and printing costs to mail the newsletters and is hoping to update the email list to include those members currently receiving the newsletter by postal mail. If you are a member receiving the newsletter by postal mail, please respond to Julie Nelson at (509) 546-2044 or by email at [julie.nelson@hdrinc.com](mailto:julie.nelson@hdrinc.com) to update your information or to express any concerns about this decision. Postal mailing of the newsletters will stop after the March 2007 mailing.

If you do not have access to email, the newsletter is also viewable at the section website:

<http://sections.asce.org/columbia/index.html>

## Construction Rules

What does it take to build a cardboard boat? First, and most important, is a creative imagination. Then of course, cardboard.

Not sure about how to build your boat? Watch for our Boat Building Clinics during the Winter and Spring. Tri Cities Crime Stoppers has also put together a construction guide for teams to use.

This event is designed to be family friendly and while there are numerous awards for competing, it's about having a good time in building and racing your boat.

The Crime Stoppers Cardboard Boat race is a alcohol free event.

Some basic rules; The boat must be built entirely out of corrugated cardboard; cardboard may be as thick as you want; cardboard carpet tubes may be used, but pre-treated or wax coated cardboard may not be used. For a complete rules list, contact us at (509) 585-4212 .



Corrugated Cardboard Boat under construction.



## What is Crime Stoppers?

Crime Stoppers is a network of concerned citizens, law enforcement agencies and media, all working together to reduce crime and improve the quality of life within our communities. The Crime Stoppers concept however, has a critical difference from other programs that involve the community.

There are people who have information which could solve major crimes or help locate fugitives from justice. But either because of fear or apathy they don't come forward with what they know. Crime Stoppers is an alternative to calling 911, working on the assumption that in some cases people who would not otherwise become involved would do so if they felt safe and/or were motivated. Crime Stoppers programs offers this opportunity in two ways;

- Guarantee's anonymity of the caller.
- Offers a cash reward

Since 1985 when Tri Cities Crime Stoppers started it has helped local law enforcement apprehend over 1,460 fugitives, cleared over 4,360 crimes, recovered over \$910,000 in narcotics and stolen property and paid over \$52,250 in rewards.

Crime Stoppers rewards are not paid by tax dollars. Crime Stoppers is a 501 (c) 3 non profit organization registered in the State of Washington.

## Contact Tri Cities Crime Stoppers

Tips- (509) 586-TIPS/ (800) 222-TIPS  
[www.tricityescrimestoppers.org](http://www.tricityescrimestoppers.org)

## Race Information

(509) 585-4212  
[mike.blatman@ci.kennewick.wa.us](mailto:mike.blatman@ci.kennewick.wa.us)

## Will A Cardboard Boat Sink or Float?

The only way to know is to build one and try.



Sink or win, it will be loads of fun.

Sponsored by  
Tri Cities Crime Stoppers

This event is part of the  
Windermere River of Fire Festival  
At Columbia Park  
Sponsored by  
Tri City Regional Chamber of Commerce

## Yes Cardboard Can Float



Yes I Can, Yes I Can. Sink or swim you will have lot's of fun.

Sink or win, it's all good for the first ever Tri Cities Crime Stoppers Cardboard Boat Race July 4, 2007 in Columbia Park. You build the full size boats entirely of corrugated cardboard and race it in one of five classifications.

- Class I Adults– Boats propelled by paddle or oars.
- Class I Youth– Boats propelled by paddle or oars and crew is 14 years and younger.
- Class II – Boats propelled by devices such as paddlewheels, propellers, sails, etc.

## Award Categories

People's Choice  
 Best Boat Name  
 Best Construction Design  
 Best Decorated Boat  
 Sportsmanship Award  
 Most Whimsical Entry  
 Titanic Award

## Adopt- A- Boat



Be as creative as you want in your design and construction.

To ensure this event is open and available to as many school and youth groups as possible there is a reduced fee for groups who put their boats up for "adoption", offering local companies, service clubs or individuals the opportunity to "Adopt-A-Boat."

Adopt-A-Boat sponsors receive a logo on the boat, banner signage, PA Announcements and Logo in the event program.

## Registration Information

Registration Type	Registration Fee
Schools/Non Profits/Youth Groups (Adopt me)	
	\$ 50.00
(Don't adopt me)	\$ 75.00
Families/Individuals/Friends	\$ 75.00
Corporate Teams	\$250.00
Adopt-A-Boat	\$250.00

## More Information

Sign up for our Cardboard Boat mailing list and get information on upcoming events such as Boat Builders Clinic and other special events.

Contact Tri Cities Crime Stoppers at (509) 585-4212 or e mail [mike.blatman@ci.kennewick.wa.us](mailto:mike.blatman@ci.kennewick.wa.us) to be added to the list.

We have all the information you need to take part in this event including registration, construction and team rules and waivers on line at [www.tricitiescrimestoppers.org](http://www.tricitiescrimestoppers.org) .





## HOWARD PRESTON SCHOLARSHIP AWARD

The Columbia Section of the American Society of Civil Engineers invites applications for the Howard Preston Scholarship Award. The purpose of the scholarship is to promote excellence and professionalism in the field of Civil Engineering. The scholarship will provide financial support for the student's educational expenses.

There are two scholarships to be awarded this year, each in the amount of \$1000. Scholarships are in the form of certificates of award conditioned upon the enrollment of the student as specified under student eligibility requirements. Upon receipt of notice of enrollment from proper officials, a check for the amount of the award will be forwarded to the college or university to establish a credit for the student. Unexpended credit is subject to withdrawal if conduct of student is contrary to the intentions of ASCE.

STUDENT ELIGIBILITY REQUIREMENTS:	STUDENT SELECTION will be based on the following standards:	
1. Be enrolled by the fall term of 2006 in Civil Engineering with junior status in an ABET (Accreditation Board for Engineering and Technology) accredited college or university in the United States of America.  and  2. Have parents residing, in or have graduated from high-school located within the following Columbia Section boundaries:  Washington: Counties of Yakima, Klickitat, Benton, Franklin, Walla Walla, and Columbia  Oregon: Counties of Morrow, Umatilla, Union, and Wallowa  or Have been a resident of one of the counties listed above for at least two years.  or Are enrolled in a college or University within the boundary of the Columbia Section (e.g. Walla Walla College, WSU Tri-Cities Campus)  and  3. Have an overall GPA of 3.0 or higher based on a 4.0 scale or equivalent	1. Need Analysis Description  2. Leadership & Professional Character  3. Scholastic  4. Member ASCE Student Chapter	40 %  30 %  20 %  10 %

### STUDENT APPLICATION PROCEDURE

1. Send the attached application to:
 

Travis Marden  
 J-U-B ENGINEERS, Inc.  
 2810 W. Clearwater Avenue, Suite 201  
 Kennewick, WA 99336
2. Provide directly from the college or university to the above address an official transcript showing all college work.
3. Provide a description of how you are financing your education and why you feel this money is important to your financial package. Also provide a summary of your ASCE student chapter activity.

All application materials must be received no later than June 1, 2007, in order that award may be made by August 1, 2007.

**AMERICAN SOCIETY OF CIVIL ENGINEERS - COLUMBIA SECTION**

**HOWARD PRESTON SCHOLARSHIP AWARD**

**APPLICATION**

**Student Full Name:** \_\_\_\_\_ **SSN:** \_\_\_\_\_

**Student Address:** \_\_\_\_\_ **Phone:** \_\_\_\_\_

**Date and Place of Birth:** \_\_\_\_\_ **Citizenship:** \_\_\_\_\_

**Father's Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Phone:** \_\_\_\_\_

**Mother's Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

(if different from father's)

**Phone:** \_\_\_\_\_

(if different from father's)

**Name of High School graduated from:** \_\_\_\_\_

**Address:** \_\_\_\_\_ **City:** \_\_\_\_\_ **State:** \_\_\_\_\_

**Name and Address of Colleges or Universities attended:**

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**Note: Additional information and separate pages may be submitted to cover the requested information.**

**SCHOLASTIC**

**1. Grade Point Average through June of current year:**

**Overall GPA:** \_\_\_\_\_

**Major GPA:** \_\_\_\_\_

**APPLICATION (Con'd)**

**2. Provide directly from the college or university an official transcript showing education through June of the current year.**

**3. List honors and awards:**

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**LEADERSHIP AND PROFESSIONAL CHARACTER**

**1. Offices and positions of leadership (State name of organization, position and year).**

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**2. List honors and awards:**

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**3. List last three employers (State name, address, phone, and job title and date held):**

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**4. List name, address, and phone of two professors for references:**

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**APPLICATION (Cont'd)**

**5. List membership in organizations and dates:**

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**6. List volunteer service for school, community, or other organization:**

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**ASCE MEMBER**

Are you a member of ASCE?    Yes \_\_\_\_\_    No \_\_\_\_\_

\_\_\_\_\_  
**DATE**

\_\_\_\_\_  
**SIGNATURE OF STUDENT**

**APPLICATION SUBMITTAL**

**Application must be received no later than June 1, 2007 by:**

**Mr. Travis Marden, Scholarship Chairperson  
J-U-B ENGINEERS, Inc.  
2810 W. Clearwater Avenue, Suite 201  
Kennewick, WA 99336  
Phone: (509) 783-2144**