

Manassas Community Set to Host 150th Anniversary of the Civil War

Volume 15, Issue 6
June, 2011

DIG IT!

**THE NEWSLETTER OF THE
HEAVY CONSTRUCTION CONTRACTORS ASSOCIATION**

The HCCA is proud to be a sponsor of the Manassas commemoration of the 150th anniversary of the Civil War — specifically the First Battle of Manassas (the Confederate name) or the First Battle of Bull Run (Union name) depending on your affiliation, fought on July 21, 1861. Commemoration of the Second Battle will come in August 2012.

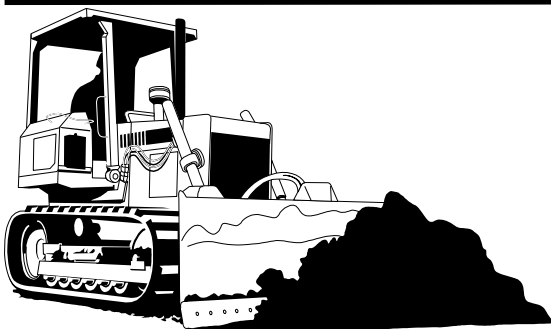
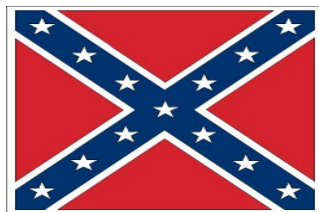
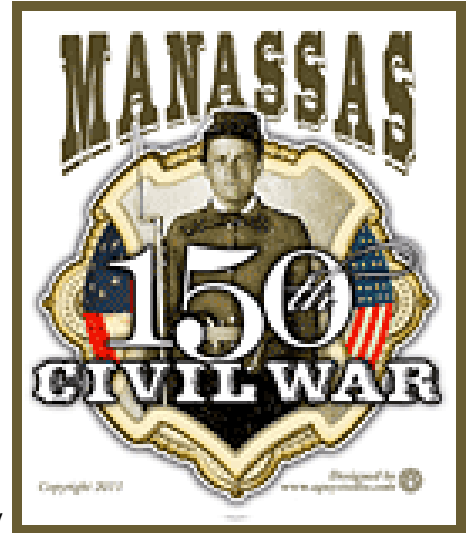
This anniversary represents a major historical event for our community, and our sponsorship (along with hundreds of others) is in support of our association's mission to be a good neighbor. With so many of our members headquartered in Manassas, Manassas Park and the surrounding areas, we have definite, long-standing roots in this environment.

Don't miss your chance to be a part of the action. Commemorate the Sesquicentennial of the American Civil War in the place where the battle began, heroes emerged, and peace prevailed—Prince William County and Manassas, Virginia.

Over the next four years, PWC and Manassas will commemorate the 150th Anniversary of the Civil War and the events that forever changed our nation. In partnership with the Commonwealth and the Virginia Sesquicentennial of the American Civil War Commission, we will explore the impact of the conflict on all Americans from civilians to soldiers, from slavery to emancipation, and from secession to surrender and reunification.

You can join in this event on July 21-24, 2011 for the First Battle of Manassas/Bull Run commemorative events, the highlight of which will be a reenactment on July 23 and 24, 2011. Spectators, re-enactors and other participants can be part of this once-in-a-lifetime experience recreating the first battle of the Civil War.

The reenactment is one of more than 80 Civil War-themed events and activities this year, including living history; patriotic musical performances...even a Civil War parade and baseball game. Complete details of all events, schedules and other information can be obtained by checking out www.ManassasBullRun.com, or calling 1-888-721-1861.



Inside this issue:

- 150th Civil War Commemoration—1
- New Member Profile—Fullerton & Knowles—2
- New Class—EM385-1-1 Army Corps of Engineers—2
- 7th Annual Motorcycle Rally—3
- Basics of Soil Mechanics—4
- HCCA Offers Wide Range of ATSSA Classes—4
- What Fleet Telematics Can Do For You—5
- Work Zone Recertification Closer Than You Think—7

New Member Profile
Fullerton and Knowles, P.C.



The law firm of **Fullerton & Knowles, P.C.**, was initially founded by James D. Fullerton in 1996 and has attorneys licensed and experienced in both state and federal courts in Virginia, Maryland, Pennsylvania, and the District of Columbia. The firm represents owners, lenders, design professionals, suppliers, subcontractors, general contractors and other members of the real estate and construction industries region-wide. The firm's system allows it to file mechanic's liens, surety bond and other construction claims across all of the states in the Mid Atlantic region and represent creditors in bankruptcy issues nationwide, particularly defense of bankruptcy preference claims. They advise on all real estate and construction law issues; public procurement and bidding, contract formation and disputes; defects in labor and materials; design defects in plans and specifications; inefficiency, impact and delay claims; mechanic's lien and bond rights; litigation, arbitration and mediation in public and private projects; joint ventures, mentor protégée agreements and other arrangements for minority and disadvantaged business enterprises; bank and lender representation; commercial transactions and loan closings; sales contracts and leases. In connection with its comprehensive representation of clients, the firm offers diverse experience in general business matters, including corporate formation and decision making, buying and selling businesses, bankruptcy, employment issues, governmental regulation, real estate, wills, trusts and estates, patent, and intellectual property law.

In addition to legal training, members of the firm have engineering and business degrees; have government or private real estate and construction experience; are noted authors and public speakers on construction, real estate and contract law; and are on the Boards of Directors of multiple construction industry trade associations. The firm's **Construction Law Survival Manual** is well known and widely used by participants in the construction process. The 550 page manual provides valuable information about construction contract litigation, mechanic's liens, payment bond claims, bankruptcy, the Uniform Commercial Code, as well as credit management and contains over 30 commonly used contract forms. All of this information and recent construction law issues are constantly updated on the firm's website www.FullertonLaw.com

So, You Think You Remember Your Math Classes?
Test Your Skills on this Engineering Question

Engineering Question

Conditions:

A backhoe weighing 22 tons is on top of a lowboy trailer and heading east on Interstate 70 near Hays, Kansas . The extended shovel arm is made of hardened refined steel and the approaching overpass is made of commercial-grade concrete, reinforced with 1 inch steel rebar spaced at 6 inch intervals in a criss-cross pattern layered at 1 foot vertical spacing.

Solve:

When the shovel arm hits the overpass, how fast do you have to be going to slice the bridge in half ? (Assume no effect for headwind and no braking by the driver.)

***Extra Credit:* Solve for the time and distance required for the entire rig to come to a complete stop after hitting the overpass at the speed calculated above. Yes, you can neglect friction.**

Answer is on page 5.

**EM 385-1-1 CONSTRUCTION SAFETY
HAZARD AWARENESS COURES FOR
CONTRACTORS**

40 –Hour class designed specifically for contractors, military, and government employees, doing business with the US Navy, NAVFAC, US Army Corps of Engineers and other government agencies that require EM 385 training.

The Chesapeake Region Safety Council is holding the classes in Baltimore. The Council has asked the HCCA if there would be an interest in holding the class at our facility in Manassas. Please give the HCCA office a call (703) 392-7410 or send an email to Janice, Ken or Les to let us know if you feel there is a need in our area for this class.
Janice@hcca.net, Les@hcca.net or
Ken@hcca.net

7th Annual HCCA Bike Rally 2011

SATURDAY – SEPTEMBER 24TH
(RAIN DATE OCTOBER 1, 2011)

Registration starts 8:30 a.m. at Water Works Supply – 25226 Pleasant Valley Road, Chantilly, VA 20152

It's that time of year again to come join the members of the HCCA as the association hosts its 7th Annual "Bike Rally". Participants will ride a route that will begin at Water Works Supply in Chantilly, VA and end at the Warrenton Moose Lodge. Registration for all riders (& their passengers) is \$20.00 per person which includes a Rally T-Shirt, lunch, ice-cold refreshments, and one poker hand. Actual route and stops in-between will be provided at registration. *This year the ride is open to any & all that want to participate. Cars & Trucks are welcome.*

GET YOUR RAFFLE TICKET BEFORE IT'S TOO LATE! ONLY 550 TICKETS WILL BE SOLD!!

2011 HCCA BIKERS RELIEF FUND RAFFLE

The members of the HCCA Motorcycle Committee are selling raffle tickets to win a 2011 Harley-Davidson Street Glide. Tickets are \$50 each, with only 550 tickets to be sold. Raffle tickets can be purchased from any member of the Committee: Doug Coleman (TDS), Mark Pickett (Owens & Dove), Kim Paulson (Luck Stone), Steve Bradley (Water Works Supply), Jim Steve (Americast) or Stuart Stanley (Stuart A. Stanley Co.). Tickets are also available at the HCCA office 703-792-7410.

The 2011 Harley-Davidson Street Glide has been purchased by the HCCA Biker's Relief Trust from Grove's Winchester Harley-Davidson.

PROCEEDS FROM THE RALLY AND RAFFLE GO TO THE BIKERS RELIEF FUND WHICH PROVIDES FINANCIAL ASSISTANCE TO EMPLOYEES, FAMILIES AND FRIENDS OF HCCA MEMBER FIRMS WHO HAVE SUFFERED PERSONAL LIFE EMERGENCIES OR OTHER SETBACKS

Schedule of Events

8:30am- 10:30am: Registration & Start
10:30 am: Last Bike out
3:00 pm: Best Poker Hand Prizes
3:30 pm: 2011 Harley-Davidson Street Glide Drawing

Program Fees

Registration (includes shirt, poker hand & lunch)	\$20.00
Additional "poker Hand" (limit one per person)	\$ 5.00
Additional cards (limit 3 per hand)	\$ 5.00
Additional T-Shirts	\$20.00

T-SHIRT SPONSORSHIP (NAME PRINTED ON BACK OF T-SHIRT – NEED SPONSORSHIP INFO BY 8/31/2011) \$250.00

REGISTRATION & SPONSORSHIP FORM (may attach list of additional participants on blank paper)

I wish / our firm wishes to be a T-shirt sponsor for the donation of \$250.00.

Sponsorship name on the T-Shirt back should appear as follows: _____

NAME (Individual or Firm): _____ Shirt Size _____

Address/City/State: _____

Telephone: _____ Fax: _____

Name of Additional Riders / Passengers – PLEASE be sure to include shirt size:

_____ Shirt Size _____

_____ Shirt Size _____

Payment Information:

Total Amount: _____

Check attached (Checks should be made payable to: HCCA, 8424 Quamy Rd. #201 Manassas, VA 20110)

Charge my credit card: Visa MC Amex Credit Card Number: _____ Exp.Date _____ Code _____

Please bill company (Available for HCCA member firms ONLY): _____

Registration from Association members only can request billing by faxing this registration form to 703-792-7249. All reservations are considered definite after SEPTEMBER 22, 2011.

**Because You Asked...
A Brief Introduction to the Science
of Soil Mechanics**

**HCCA Expands
ATSSA Class Offerings**

Soil mechanics is a branch of engineering mechanics that describes the behavior of soils. It differs from fluid mechanics and solid mechanics in the sense that soils consist of a heterogeneous mixture of fluids (usually air and water) and particles (usually clay, silt, sand, and gravel) but soil may also contain organic solids, liquids, and gasses and other matter.

Along with rock mechanics, soil mechanics provides the theoretical basis for analysis in geotechnical engineering, a sub-discipline of Civil Engineering. Soil mechanics is used to analyze the deformations of and flow of fluids within natural and man-made structures that are supported on or made of soil, or structures that are buried in soils. Examples of applications are building and bridge foundations, retaining walls, dams, and buried pipeline systems. Principles of soil mechanics are also used in related disciplines such as geophysical engineering, engineering geology, coastal engineering, agricultural engineering, hydrology and soil physics.

The main thrust of soil mechanics is to understand the genesis and composition of soil, the distinction between *pore water pressure* and inter-granular *effective stress*, capillary action of fluids in the pore spaces, *soil classification*, *seepage* and *permeability*, time dependent change of volume due to squeezing water out of tiny pore spaces, also known as *consolidation*, *shear strength* and stiffness of soils. The shear strength of soils is primarily derived from friction between the particles and interlocking, which are very sensitive to the effective stress. Understanding the basics allows us to better recognize some examples of geotechnical engineering applications of the principles of soil mechanics such as slope stability, lateral earth pressure on retaining walls, and bearing capacity of foundations.

ATSSA - Traffic Control Supervisor - The Traffic Control Supervisor course is a 2-day course designed for individuals who supervise traffic control technicians and other field personnel. It provides comprehensive training on work zone standards, guidelines, installation and removal procedures, inspection, documentation and supervisory skills.

ATSSA - Traffic Control Technician - The TCT course provides an introduction to temporary traffic control in work zones for individuals who work in the field installing and removing traffic control devices. It teaches concepts, techniques and practices in the installation, and maintenance of traffic control devices. The students are provided an ATSSA Guide which is used as the basic text material for the course. This handy Guide booklet contains material condensed from the Manual on Uniform Traffic Control Devices (MUTCD) but in a simplified, easy to understand and use format.

ATSSA - Flagger Instructor Training - This 2-day course is designed to prepare Traffic Control Supervisors to be able to present the 4-hour ATSSA Flagger Registration course to those wishing to become ATSSA-registered flaggers. In addition to basic training in fundamental concepts of work zone traffic control and flagging, adult training techniques will be presented, discussed, and demonstrated. There will be opportunity for the participants to put into practice training techniques and flagging procedures. At the conclusion of the course an exam will be taken. The successful completion of the course, including the exam, will result in certification as an ATSSA-Certified Flagger Instructor.

ATSSA – Flagging Certification for Maryland/DC (English and Spanish Versions) - Learn the basic flagging procedures in this four hour training. You will learn the techniques and principals to flag traffic safely, effectively, and efficiently. Flagger Cards will be issued at the end of each class. Flagger Cards are good for two years before re-certification. This course meets the MDOT and DCDOT requirements for Flagging Traffic in the state of Maryland and the District of Columbia. Virginia will honor the Maryland/DC certification as well.

We couldn't solve it either.....but who cares; the pictures are great!

P.S. The driver was on his cell phone.....



HCCA Lunch-and-Learn Report

What Can Fleet Telematics Do For You?

On Thursday, June 16, an informative and educational session was conducted by Dave Ryberg, President/CEO of **GPS Outfitters**.



According to Dave, in today's world it's more important than ever to maximize efficiency, manage costs, and improve the safety of your operations. GPS telematics have revolutionized fleet management, making it easier than ever to track your fleet, reduce fuel costs and reduce unnecessary driving risk.

Subsequent to the driver's conception that "Big Brother is watching your every move" the benefits of the GPS monitoring system is invaluable to 21st Century fleet operations.

The ability to monitor the many mechanical functions of vehicles is a great tool for diagnostic, preventative maintenance and repair purposes.

The behavioral characteristics of drivers will help to improve their training and long-term retention.

Additionally, the tracking systems can be used as proof of delivery, appointments and vehicle movements.

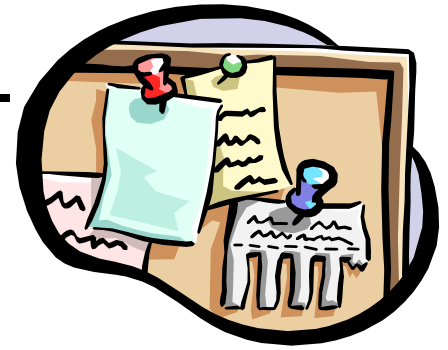
Another valuable benefit of this system is the possible premium reduction in auto liability insurance.

If you have an interest in the GPS Telematics system please call the HCCA office and we will be glad to forward the information to the appropriate personnel.

The Lunch-and-Learn event was sponsored by HCCA Member firm Welch, Graham & Odgen Insurance Company and was represented by Bryan Casey. We extend our thanks to WGOINS for this event.



Association Bulletin Board



HCCA Fall Golf Tournament "The Presidents Cup"

RESERVE THE DATE



Monday, September 12, 2011
Evergreen Country Club
Haymarket Virginia

Limited to 32 Teams
Details and Registration Forms to Follow this Summer

Special Membership Dinner Meeting Awarding of HCCA Lifetime Achievement Award



Ronald M. "Ron" White
Chairman, Superior Paving Corporation

Wednesday, September 21, 2011 6:00pm - 9:00pm
The Fairfax Country Club
Fairfax, Virginia

HCCA 2011 Holiday Party, Silent Auction and Johnston Trust Raffle
RESERVE THE DATE



Saturday, December 3, 2011
Hilton Washington Dulles Hotel

Details to Follow

HCCA Business Partners Program

The following organizations have paid to advertise in our newsletters and on our web site. We encourage you to patronize these companies and take advantage of the discounts that they offer to employees of HCCA member firms.

SPECIAL OFFER HCCA MEMBERS

\$3 off
any service
of \$21 or more

Includes shampoo and conditioning rinse. Offer not valid on Value Packages. Long hair charges apply for select services. Cannot be combined with any other coupons, discounts or offers. Not valid on any previous services or toward the purchase of gift cards. Valid only at participating salon(s) with original coupon. Coupon must be surrendered when redeemed. Associates are not eligible. Offer expires 11/24/11.

00738106973

Open 7 days. Just walk in.

hair cuttery.

Over 90 Hair Cuttery Salons in Northern Virginia & West Virginia. Visit haircuttery.com to find a location near you.

Discount Code: 6973

We Move Families



Kloke ^{KG} Group

- Employee-Owned and Operated
- Drug-Free Workplace
- Free, Computerized Estimates
- Local and Long Distance Moving
- Worldwide Moving
- Short and Long Term Storage
- Office Moving
- Records and Equipment Storage

703-361-7136
Toll Free: 800-289-0332

Major Credit Cards Accepted



Visit our website for a free Household Inventory form and other valuable relocation resources.

www.kloke.com

©2011 Kloke Moving, LLC. All rights reserved.

10904 Carolina Drive
Manassas, VA 20108



Agent for United Van Lines

Work Zone Traffic Control Recertification

Closer Than You Think



The VDOT Work Zone Traffic Control certification regulations went into effect for anyone performing work in the VDOT easement in July 2008. The original training was done in 2007 but only for VDOT employees. Training for all other contractors started in 2008. HCCA started doing Work Zone training in that period.

The certification that each student received as a result of taking the Basic (one day), Intermediate (two day) or Advanced (two day) class is good for four years. This means that those individuals who received their Work Zone cards in 2008 will need to be recertified in 2012 (2009 in 2013, 2010 in 2014, etc.).

We had no idea as to the nature of the recertification process until now. According to David Rush of VDOT,

“We are currently revising all three WZTC training programs to be in compliance with the 2011 Virginia Work Area Protection manual which will become effective on January 1, 2012. We anticipate having the revised Basic, Intermediate, and Advanced courses ready this fall.”

It would appear from Mr. Rush’s comments that the process of recertification will consist of taking the same courses again, albeit with updated materials and using a different manual. The final index of the new Work Zone manual can be viewed at [http://www.virginiadot.org/business/resources/wztc/2011 Table of Contents 5-20-11.pdf](http://www.virginiadot.org/business/resources/wztc/2011%20Table%20of%20Contents%205-20-11.pdf).

According to Rush, “...we will be notifying all approved WZTC instructors on how to access the new presentations and information shortly.” Since the HCCA has long been on the approved WZTC list, we will keep you informed as we receive new information.

In the meantime we strongly suggest you ensure that you have a list of every trained employee indicating the date they were certified so you will know when the time comes for them to be recertified. We expect that HCCA will be offering a number of the recertification classes as soon as they are ready to go.

BB&T Insurance Services is pleased to welcome Rich Coon to their Construction Risk Services Team.



Rich Coon
2108 West Laburnum Avenue
Richmond, VA 23227
800-249-0061

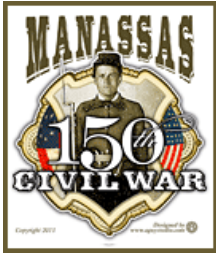


Insurance Services
Global Resources – Client Focused

Calendar of Events (Dates, Locations, & Times Subject To Change)

July

9—Work Zone Basic (English)
9—Work Zone Basic (Spanish)
9— Defensive Driving FC
10 & 11 OSHA 10 (English)
10-14 OSHA 30 (English)
16—First Aid/CPR
25-28—OSHA-510
29-30—Work Zone Intermediate

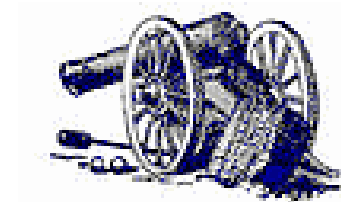


August

6—Defensive Driving FC
8—ATSSA TC Technician
9-10— ATSSA TC Supv
11-12—ATSSA Flag Inst
13—Work Zone Basic
26-27—Work Zone Inter

September

10—Defensive Driving DC
12—President's Cup Golf
21—Dinner Meeting
24—Motorcycle Rally
26-30—OSHA-500



8424 Quarry Road Suite 201,
Manassas, Virginia 20110
Telephone: (703) 392-7410
Fax:: (703) 392-7249