

American Society of Highway Engineers



ASHE

Newsletter

Chesapeake Section



Summer 2010



Bay Breeze

PREPARED BY: Joe Yoon & Mark Bodmann

ASHE

2010-2011

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MESSAGE FROM THE PRESIDENT



Greetings. I hope this newsletter finds you well and enjoying what is left of your summer as well as looking forward to cooler temperatures as the fall season approaches. I know I am. Schools are back in session which is a reminder that the 2010-2011 ASHE Chesapeake Section activities are quickly approaching.

President Obama's administration dubbed this summer the "Summer of Recovery". While a recent Congressional panel reported that 40% of infrastructure projects supported by stimulus funding are complete, we have a long way to go before the \$814 billion package of spending and tax measures expires in December. This is knowing that the stimulus package included just \$38 billion for highway, transit, and wastewater projects.

The continued success of our highway industry is dependent on the approval of the surface transportation reauthorization bill. That is why when Congress returns in mid September, it is our duty as advocates of the highway industry to make sure our elected officials know we are counting on their support. Knowing the upcoming mid-term elections will have an effect on the timing and approval of the reauthorization and the associated solvency of the Transportation Trust Fund going into 2011, it is important that we let them know that the future of our industry is in their hands and they need to act expediently. We have a rough road ahead of us still and while things look tough, we will come through this economic downturn stronger than ever. The transportation reauthorization will create jobs and build the infrastructure America needs for economic recovery and long-term prosperity.

The 2010-2011 program will again be filled with technical session/dinner meetings, social outings, and gatherings for engineers, contractors, vendors/suppliers, and the various highway stakeholders to assemble and disseminate knowledge about new and innovative practices that we are exposed to here in Maryland and around the country. Our meetings will be held at the beautiful Engineering Society of Baltimore – Garrett Jacobs Mansion in Baltimore. The meeting themes are as follows: Construction (Sept 21), Traffic (October 19, a joint meeting with ITE), Planning (November 16), Water Resources/H&H (February 15), and Transportation/Highway (March 15). I am impressed at the support our organization has during these times of reduced resources and attribute it to the quality and interest in the topics of our technical sessions and dinner speakers. That said, I encourage you to promote ASHE Chesapeake to your co-workers and colleagues and encourage you to become more active by participating in one of our committees, serve as an advocate or as a board member. Bring a friend to the meeting. I am sure they will enjoy the experience. One of our challenges remains to broaden our membership in the public sector as well as increased participation by our contractor, supplier, and minority business partners. Our scholarship program will continue this year and we are proud to continue our financial support of highway engineering students attending three of the local universities. Please talk to your office managers and ask them to sponsor a meeting, social event, or newsletter. I want to thank all of our previous sponsors and hope you will continue to do so this year. Sponsorship support, especially in these difficult economic times, is the key to the continued success of our meetings, social events, and scholarships.

I would like to personally thank Rob Hudson, outgoing President, for an excellent job in leading the Section this past year. He has been involved in various committees and served as a Section officer for several years and will continue to be involved as we move forward. Also, I am grateful for all of the Officers, the Board of Directors, and Committee members continued involvement in the Section's activities and their willingness to take time out of their busy schedules to give back to ASHE and promote the highway profession. It is with great humility and strong enthusiasm that I enter this year as Section President and look forward to a successful year.

Remember to visit our web site <http://www.ashe-chesapeake.org/> regularly to keep informed of the activities we have planned for the year, find membership information, and view information we have assembled related to the highway industry. The web site is continually being updated. I look forward to seeing you at the various Chesapeake Section events in 2010-2011. Try us once; you'll never know how easy it is until you try. Get involved. Like a national shoe company motto says, "Just Do It".

Thank you,
Roger Carriker—ASHE Chesapeake - President



2010/2011 ASHE EVENTS

ASHE Chesapeake is proud to offer

Professional Developmental Hour(s) (PDHs)

for all upcoming technical sessions.

September 21, 2010

ASHE Meeting

Garrett Jacobs Mansion

Focus: Construction

October 19, 2010

ASHE Meeting

Garrett Jacobs Mansion

Focus: Traffic

Fall 2010

ASHE Fall Social

2nd Annual Poker Tourney!

Long Green Volunteer Fire Department

November 16, 2010

ASHE Meeting

Garrett Jacobs Mansion

Focus: Planning

January 2011

Future City Competition

Baltimore Museum of Industry

February 15, 2010

ASHE Meeting

Garrett Jacobs Mansion

Focus: Water Resources

March 15, 2010

ASHE Meeting

Garrett Jacobs Mansion

Focus: Highways

June 2, 2011

ASHE Chesapeake Annual Golf Outing

Oakmont Green, Hampstead, MD

Tuesday Evenings

Baltimore Engineers Golf League

<http://www.baltimoregolfleague.com/>

The Woodlands Golf Course

Engineersgolfleague@gmail.com

RESERVATION POLICY

ESB will no longer take reservations for our members and guests. All meeting reservations should be sent to:

rsvp@ashe-chesapeake.org

Alternately you may fax reservations to WM&A: (410) 825-5714, Attn: Matt Waters.

**New
Payment
Method!**

ASHE Chesapeake is happy to announce payments can now be made via [Pay Pal!](#)

Click the link below to pay membership dues and meeting reservations.

[PayPal](#)  [Secure Payment](#)

SPONSORSHIP

The three level meeting sponsorship consists of Gold, Silver and Bronze sponsors.

Gold Sponsors: (\$600, one sponsor/meeting) will be invited to provide a 10-minute presentation prior to the dinner guest speaker. Sponsoring firms also have the opportunity to set up a display table during the technical sessions and social hour. The Gold Sponsor will be recognized on tabletop displays with other sponsors for that meeting.

Silver Sponsors: (\$300) will have the opportunity to set up a display table during the technical sessions and social hour. The Silver Sponsors will be recognized on tabletop displays with other sponsors for that meeting.

Bronze Sponsors: (\$200) will be recognized on a tabletop displays for that meeting.

Social Event Sponsors: (\$100): will be recognized in the advertisements for our winter and spring social events.

Newsletter Sponsors: Your firm may also sponsor a newsletter, there is no limit for advertising your company in our newsletter. For \$100 you can submit your companies' business card that will be placed in the newsletter. We plan to have four newsletters during the 2009/2010.

The Board of Directors of ASHE-Chesapeake Section cordially invites you to participate in our sponsorship program this year. Sponsorships will be accepted on a first-come first-serve basis after the release of the newsletter by contacting our Sponsor Chairpersons:

Ray Dagher at (410) 737-6564

rdagher@sabra-wang.com

OR

Ray Moravec at (410) 828-3804

r_moravec@wallacemontgomery.com

Thank you for your continued support of our Section!



ASHE
Chesapeake

MEET THE 2010-2011 BOARD MEMBERS

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Roger Carrier
President



Marco V. Avila
Vice President



Matt Waters
Secretary



Nimish Desai
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Rob Hudson
Director / Regional Representative / Golf Tournament



Kristin Fusco Rowe
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Brian Post
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Tony Frascarella
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Ray Dahger
Sponsorship



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Gregg Iskra
Membership



Chris McGuire
National Legislative Liaison



Joe Yoon
Newsletter



Mark Bodmann
Newsletter Website



John Zanetti
Golf Tournament



Mario Aponte
Hospitality

Join ASHE-Chesapeake

The ASHE organization is a valued resource for area Civil Engineers. We are an organization which promotes both technical presentations on transportation related topics and social activities among our members.

Membership costs are \$45 for an initiation fee and \$40 annual dues. Applications can be submitted by mailed or can be brought to one of our meetings. We look forward to having you as a new member. If you have any questions please contact any of our officers or our membership chairman Gregg Iskra.

Membership Corner

What professional requirements are needed to join?

There are no formal professional requirements for joining ASHE. ASHE members include engineers and technicians who work in the highway and bridge construction industry and are interested in our professional and social activities.

What are the benefits of membership?

Professional & Technical Growth
Multiple Technical Meetings throughout year at reduced costs
Quarterly Newsletter from ASHE National
Regular Newsletter from ASHE Chesapeake (planned)
Discounts at ASHE Sponsored Events such as the Annual Golf Tournament
Networking Opportunities

What disciplines in the highway industry are welcome?

All are welcome and we will focus meeting themes around each of the following:

- Planning
- Environmental
- Highways
- Water Resources
- Construction
- Bridges
- Traffic
- Pavement

What is the meeting format?

Meetings are held at the Engineering Society of Baltimore, located near SHA headquarters and Washington Monument. All meeting notices are sent by e-mail. Technical Sessions begin at 3pm and end at 5 pm. Professional Development credit Hours are available for attendees. Social Hour at 5 pm and Dinner at 6 pm. Guest Speaker (non-technical) at 7 pm.

How are Professional Development Hours credited for the Technical Sessions?

ASHE Chesapeake is currently offering PDH hours for participation in our technical sessions. Attendees at each technical session will have the opportunity to sign up at the start of the meeting and a certificate will be emailed to you once the attendance roster has been processed. Please go to our Upcoming Events Page (http://www.ashe-chesapeake.org/index_files/Events.htm) for a meeting schedule.

How do I join?

Fill out an application & mail it along with your check for \$85.00 to the address below. It will be signed by an officer and forwarded to ASHE National.

If you have any questions regarding membership, please call or email:



Gregg Iskra
Membership Chair
(410) 494-9093
G_Iskra@wallacemontgomery.com





Annually, in conjunction with our parent organization, the **American Council of Engineering Companies (ACEC)**, ACEC/MD presents a Young Professional of the Year Award. This award recognizes the accomplishments of our member firms' young engineers by highlighting their interesting and unique work, and the resulting important impact on society. We are pleased to present the 2010 ACEC/MD Young Professional of the Year Award to:

Kristin Fusco Rowe, P.E.

A senior highway engineer working at Straughan Environmental, Kristin Fusco Rowe, P.E. has extensive engineering experience in planning, designing and managing transportation and noise abatement projects including managing the proposed vertical alignment of 16 ramps and the two mainlines for the 1-95/1-695 interchange reconstruction, as well as primary designer of the noise abatement barriers. Kristin is a 2002 graduate of Loyola College, where she was the President of the Engineering Club. Additionally, she holds a P.E. in Civil Engineering in Maryland, Delaware, and Washington, D.C., and is an active member of the American Society of Civil Engineers and the American Society of Highway Engineers, where she is chair of the hospitality and recruiting committee.

Based on research she completed while in college, Kristin co-authored a technical paper, "Metallurgical Characterization of Refrigeration Tubing Formed from Plain Carbon Steel Strip Stock", which was published in the Journal of Manufacturing Processes. Kristin is an avid traveler where she routinely volunteers at school and church organizations. On a recent trip to Africa, Kristin read to school children, donated school supplies and aided in the construction of desks.

ACEC/MD is proud to recognize the accomplishments of its member firms' young professionals, and very much appreciates their contributions to the profession and society.





Annually, when appropriate, **ACEC/MD** honors a member firm representative that has made a significant contribution to the community by volunteering their time and expertise. This year we are pleased to present the 2010 Community Service Award to:

Marco V. Avila, P.E.

Marco V. Avila, P.E., a Senior Supervising Engineer/Certified Project Manager at member firm Parsons Brinckerhoff, has been volunteering for over 14 years organizing medical missions to help children around the world. He is dedicated to helping children with complex congenital malformations in areas lacking resources and surgical expertise. He also volunteers at local universities as a mentor and at high schools, where he encourages students to stay in school and perhaps choose a career in engineering. As a Board Member of the local ASHE Section, Marco raises money for scholarships and interacts with government officials.

Along with three other volunteers, in 2007, Marco founded The Healing Hands Foundation (THHF), and currently serves as the organization's Executive Director. In 2009, THHF missions to Guatemala and Colombia performed over 650 surgeries, 1,200 dental procedures and 6,000 medical consultations. The Foundation also donated over \$1-million in medicine, supplies and medical equipment. He also spearheads the "Golfers for Charity Foundation", that hosts an annual tournament with proceeds going to two Baltimore-based charitable foundations.



Personifying his work, Marco has a slogan that he shares with everyone he meets:

"Changing Our World ... One Child at a Time."

Marco's contributions truly personify the positive impact that our member firms' employees have on society.

Project Spotlight

MD 30 Relocated (Hampstead Bypass)

The Hampstead Bypass (MD 30 Relocated) project was a demonstration of how an environmentally sensitive project can be successfully constructed through the Design/Build method of contract procurement. It was also a demonstration of how the design of bridges could be made the responsibility of the Design/Builder. Both of these elements were something new for the Maryland State Highway Administration's (SHA) Design/Build program. In addition SHA used the Best Value method of contract procurement on the project for the first time ever to select the Design/Build team.



The project was a relocation of MD 30 in Carroll County Maryland from south of Wolf Hill Drive to north of the Town of Hampstead a distance of 4.4 miles. MD 30 was experiencing severe congestion in the AM and PM peaks through the Town of Hampstead. Many drivers had to sit through rush-hour gridlock often taking 20 minutes to creep three miles. A bypass around the Town had been in the planning for 40 years. It was estimated that approximately two-thirds of the traffic on existing MD 30 in Hampstead would divert to the bypass if constructed enabling the Town of Hampstead to redevelop the downtown area in accordance with its "Main Street Revitalization

Plan". However, a major obstacle to constructing the bypass for years was that it passed through a habitat of a state and federally listed threatened or endangered species, known as the bog turtle. After years of working with the State and Federal environmental agencies, the bypass received approval to move forward provided certain unique mitigation measures were incorporated into design and construction of the bypass. This project successfully accomplished these requirements while providing traffic congestion relief to the citizens of the Town of Hampstead.

The team of Corman Construction, Inc. with Whitney, Bailey, Cox & Magnani, LLC as the lead design firm was selected by SHA to design and construct the project for a price of \$41 million. The project design included 4- miles of roadway, 4 bridges, 3 roundabouts, 3,500 lineal feet of noise wall or noise





berms, 13 stormwater management facilities, erosion and sediment control, signing, lighting, landscape architecture, maintenance of traffic, traffic signals and utility relocations.

For the hydrologic influence area of the bog turtle habitat, the project was designed so that 100% of the impervious roadway runoff was directed to stormwater management ponds that were designed to simultaneously manage both the 2-year frequency storm runoff plus contain 10,000 gallons in the event an accidental spill occurred on the roadway. Five of the stormwater management ponds were designed with hazardous spill protection to protect the bog turtle

habitat. In addition, while the Design/Build team was required to provide water quality treatment for stormwater management, the Design/Builder provided a net credit of 2.4 acres of treatment for the project, thereby providing a net water quality benefit in the Patapsco River Watershed. This was accomplished through design of thirteen stormwater management facilities on the project. All ponds incorporated fore-bays for maintenance and micro-pools in the bottom.

A habitat management plan implemented by MSHA was used to ensure the indefinite protection of the bog turtles in their natural habitat. This plan took approximately 110 acres out of agricultural production



and converted it to meadow and forest, providing a net benefit to the watershed in terms of water quality, groundwater recharge, and channel protection. A grazing management plan employed by MSHA which is using goats rather than tractors with mowers to manage the grass growth is innovative in that it protects the bog turtles from possible destruction from conventional mowing. Additionally, the use of goats reduces greenhouse emissions that would result from conventional mowing.

In response to the tight schedule on the project, the

design of the project was divided into four major areas. A total of 22 different design packages were developed and submitted to SHA and the Environmental Agencies for approval. The project required, 928,000 cubic yards of cut and 760,000 cubic yards of embankment, extensive erosion/sediment control and landscaping of the entire project including incorporating the SHA Visual Quality Guidelines into the design of the stormwater management ponds. The bypass opened to traffic in August 2009.



Off the Beaten Path

Cumberland, Maryland

Cumberland was the site of Fort Cumberland, which was used by British General Braddock in his attack on Fort Duquesne in Pittsburgh during the French and Indian War. George Washington also used Fort Cumberland during the French and Indian War and later, as President, during the Whiskey Rebellion.

The Chesapeake and Ohio Canal is one of the most historic areas of the town. The C&O Canal is a 184.5 mile transportation route that was built from 1828 to 1850; the



plans for the final 180 miles of canal to the Ohio River were abandoned due to the growth of railroads. It runs along the northern edge of the Potomac River from its starting point in Georgetown to Cumberland, Maryland. It operated until 1924, and was essential for nearby communities to ship coal, lumber, and crops to market. The canal had 74 locks to raise ships 605 feet from DC into the Appalachians.

Cumberland was also a major stop on the National Road (now US 40). The original National Road, begun in 1811, ran from Cumberland, Maryland through Pennsylvania, Ohio, and Illinois to Vandalia, Indiana. In 1824 the National Pike was extended east from Cumberland to Baltimore.

Chesapeake Tourism

Sideling Hill & the Eastern Continental Divide

Sideling Hill is the location of a 340-foot deep notch cut from Sideling Hill for Interstate 68, about 6 miles west of Hancock, Maryland. The mountain itself stands some 2,301 feet above sea level and stretches from West Virginia, through Maryland, into Pennsylvania.



The strata of rocks exposed by the cut is so impressive there is a rest area and exhibition center at the top of the hill explaining the geological features to visitors.

Nearby in Pennsylvania, is Sideling Hill Tunnel, one of the PA Turnpike's original road tunnels.

It was abandoned in 1968 and is now used as a bicycle path.

The Eastern Continental Divide separates the Gulf of Mexico and Gulf of St. Lawrence drainage areas from the watersheds that flow directly into the Atlantic Ocean. This mini-continental divide runs from northern Pennsylvania to Florida. Maryland is the only state I've ever seen that advertises this small divide.

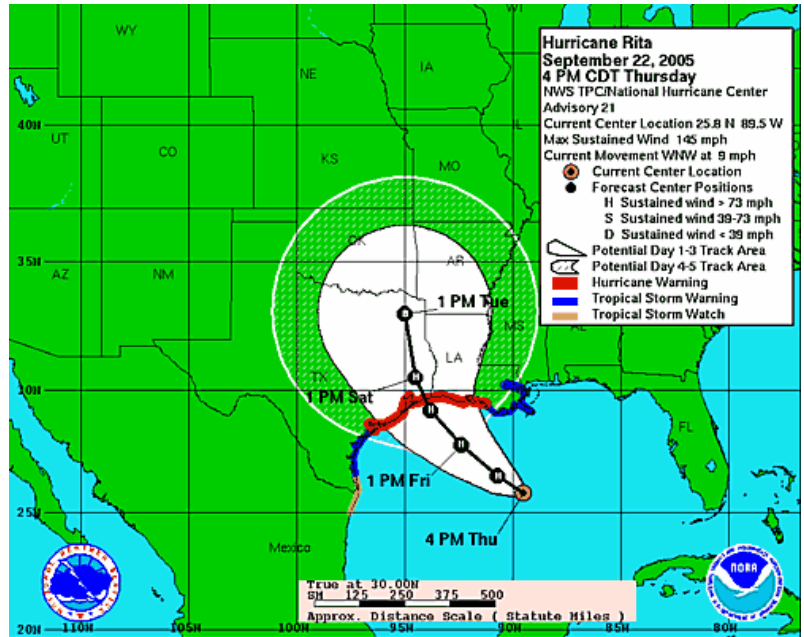


This Summer...

Hurricane Rita

The 2005 Atlantic hurricane season can be very well called a historic season. There were five major hurricanes; Dennis, Emily, Katrina, Rita and Wilma. Hurricane Rita, which followed Hurricane Katrina made many records; it was the seventeenth named hurricane, fifth largest hurricane and third category-5 hurricane of the Atlantic hurricane season in 2005.

Hurricane Rita started on 17th September, 2005 and dissipated on 24th September, 2005. It was not only the strongest hurricane of 2005, but also the most intense tropical cyclone ever recorded in the Gulf of Mexico. Rita began as a mere tropical depression on the Turks and Caicos Islands. It developed in the same area as that of hurricane Katrina, that is South Florida and Florida Keys. It intensified as it passed through the warm waters of Loop Current and within a few hours, it became the strongest hurricane of 2005 with recorded wind speeds as high as 180 mph. Its lowest recorded pressure of 895 mbar placed it ahead of Hurricane Katrina from earlier that same year. Fortunately, Rita lost its power and landed as a category-3 hurricane between Sabine Pass, Texas and Johnson Bayou, Louisiana.

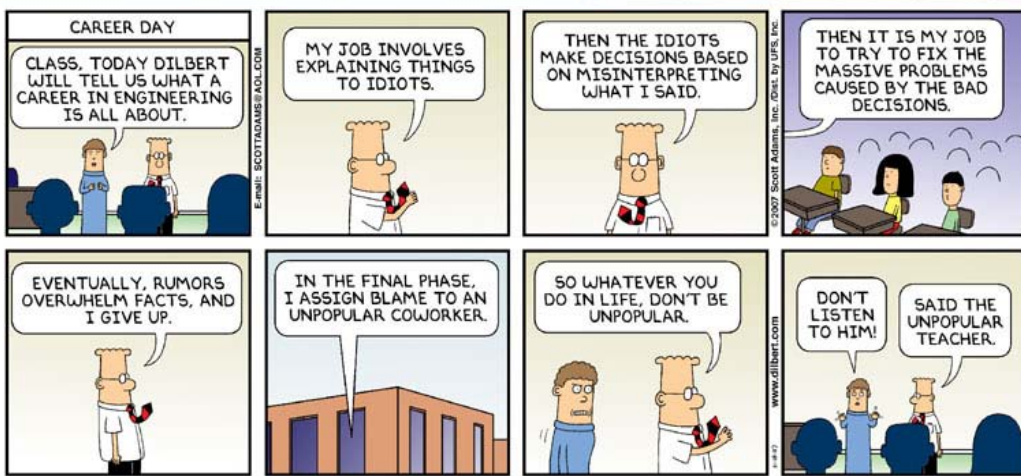
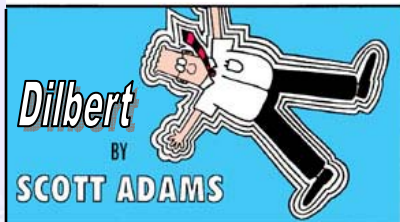


Traffic Jam on I-45! Both northbound and southbound lanes plus frontage roads and shoulders (18 lanes of traffic!) were utilized by traffic fleeing the Houston metropolitan area.

Throughout the Gulf Coast, communities were evacuated in anticipation of Rita's wrath and as many as 2 million people were urged to leave. Authorities from state and federal emergency management teams and military units were positioned on the fringes of the region to respond to any incidents. Hundreds of thousands of people fleeing Hurricane Rita were stuck in their cars throughout much of the day in a traffic-snarled exodus from Houston and the upper Texas Gulf Coast. Many people ended up running out of gas and sweltering on roadsides in 100-degree heat as they waited for authorities to bring them gasoline.

In History

ENGINEER HUMOR



© Scott Adams, Inc./Dist. by UFS, Inc.

Engineering Math Question

Conditions:

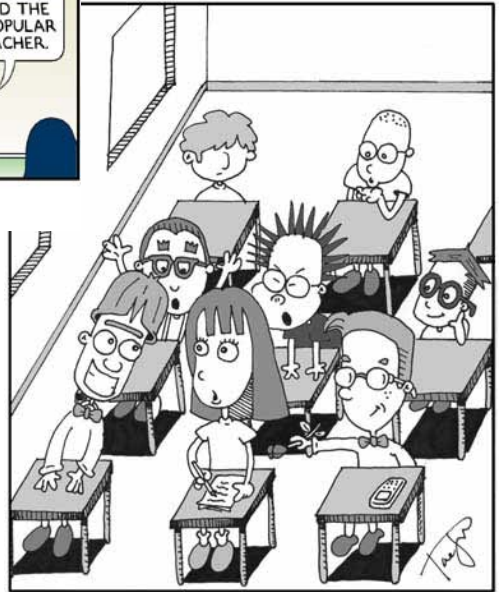
A backhoe weighing 22 tons is on top of a lowboy trailer and heading east on Interstate 70 near Hays, Kansas. The extended shovel arm is made of hardened refined steel and the approaching overpass is made of commercial-grade concrete, reinforced with 1½ inch steel rebar spaced at 6 inch intervals in a diamond 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 (neglect friction).



Susan never had a problem finding a date in her engineering class.





MTA KICKS OFF RAVENS HOME GAME SERVICE AUGUST 12
Game plan includes MTA-Ravens Season Pass

BALTIMORE, MD (August 9, 2010) – The Maryland Transit Administration (MTA) offers an All-Pro lineup for 2010 Baltimore Ravens home games, featuring some of the most convenient and affordable options the MTA offers. Ravens fans can avoid game day traffic jams and parking problems by riding Light Rail, Metro Subway or MTA Local Bus service.

The **MTA-Ravens Season Pass** kicks off August 12th when Baltimore takes on the Carolina Panthers in a preseason football game. The MTA-Ravens Season Pass is good for all preseason, regular season and post-season home games for only \$32.00. Just hop on Light Rail, Metro Subway, or MTA Local Bus and go! Score your MTA-Ravens Season Pass at the MTA Transit Store or on line at www.mta.maryland.gov.

LIGHT RAIL – Ravens fans may take Light Rail from 32 different stops to the Hamburg Street stop, located next to M&T Bank Stadium. Light Rail operates every 9–20 minutes depending on the time of day and your final destination. Trains operate until 11PM Monday through Saturday and until 7 PM Sunday. For games that end later, the last train leaves one hour after the game ends.

METRO SUBWAY – Ride the Metro Subway to Lexington Market or Charles Center Station and walk to M&T Bank Stadium.

LOCAL BUS – Fans can ride any of these Buses which stop near M&T Bank Stadium: Nos. 1, 3, 7, 11, 19, 27, 35 and 64.

The fare for all local MTA services is \$1.60 one-way, \$3.20 round trip, \$3.50 Day Pass.

For general information on MTA service, visit the MTA website at www.mta.maryland.gov.

Customers can also call the MTA Transit Information Center Monday through Friday from 6 a.m. to 11 p.m. at 410-539-5000. TTY 410-539-3497. To sign-up for email about service modifications and delays, go to www.mta.maryland.gov and click “Email Notification”.

MEDIA CONTACTS:

Terry Owens

Office: 410-767-3936

Cellular: 443-804-8522

David Clark

Office: 410-767-3935

Cellular: 443-418-5732



Supporting America's Economic Recovery



Recovery.gov

Maryland's Recovery

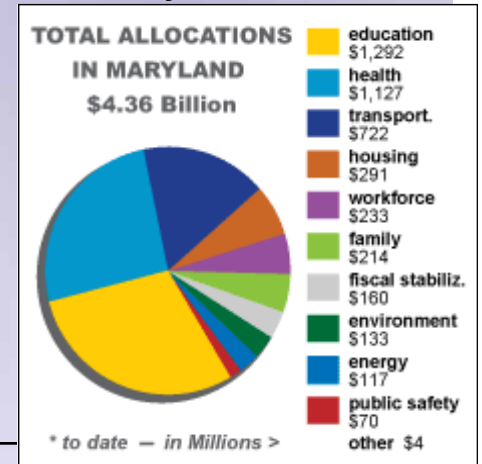
Governor O'Malley Applauds President Obama For High Speed Rail Investments In Maryland

(1/28/10)

Maryland will receive nearly \$70 million in federal recovery funds for key projects aimed at improving high speed rail connections in Maryland and the Baltimore region. The funds will be used to complete engineering work and environmental studies for both the replacement of the Baltimore and Potomac Tunnel in Baltimore and the replacement of the station building and track upgrades at the BWI MARC/Amtrak Station near BWI Thurgood Marshall Airport in Anne Arundel County.

- Baltimore and Potomac Tunnel Replacement - \$60 Million
- BWI Station/Platform/Track Redevelopment - \$9.4 Million

Welcome to Maryland's Recovery & Reinvestment



Construction work at the I-695/Liberty Road (MD 26) interchange is underway and Lady Liberty reminds motorists and area residents to stay alert for changes in traffic pattern. To reach I-695 North from eastbound MD 26, motorists must **STAY LEFT** and **TURN LEFT** at a temporary left-turn signal. For questions about the project, please contact the SHA Construction Project Office: 410-277-4318 or by e-mail at shadistrict4@sha.state.md.us. As work continues, residents may see an increase in traffic through neighborhood streets. Pedestrians are advised that walking along Liberty Road under the I-695 bridge may bring additional safety hazards.

Stay alert for turning vehicles!

Register today to participate in the Fort McHenry 5K Tunnel Run/Walk on September 19, 2010 and take advantage of a rare opportunity to walk/run through this unique venue to show your support for the thousands of Special Olympics Maryland athletes.

Registration is Now Open for the Fort McHenry Tunnel 5K Run/Walk [For more information visit www.tunnelrun.org](http://www.tunnelrun.org). [About For more information visit www.tunnelrun.org](http://www.tunnelrun.org).





ASHE

The Inside Lane

an ASHE Industry Update

Report shows lowest number of construction jobs in 14 years, signals need to invest in building America

Rebuilding America's Infrastructure

Share



The number of construction jobs in the United States has fallen to its lowest level in 14 years, according to data released by the U.S. Labor Department. The economy shed another 11,000 construction jobs in July, based on seasonally adjusted numbers. The construction unemployment rate was 17.3 percent, with 1.5 million construction workers unable to find work. [MORE](#)

New traffic signals make it safer for pedestrians

USA Today

Share



Delaware joins a growing number of states and cities around the country, including Georgia, Minnesota, Virginia and Arizona, with High-intensity Activated Cross Walk, or HAWK, signals that allow people to cross a busy road, either at an intersection without a standard traffic signal or in the middle of a long stretch of road. [MORE](#)

Alabama feels the high cost of distracted driving

The Birmingham News

Share



More than 1,400 wrecks involving drivers distracted by cell phones and other electronic devices have been reported in Alabama in the past 13 months. Those numbers, collected by the University of Alabama's Center for Advanced Public Safety, are the first glimpse into the statewide effects of distracted driving — a problem that has been called the drunk driving of the 21st century. [MORE](#)

Missouri crews finishing nation's first stimulus project

News Tribune

Share



Missouri crews are finishing work on the nation's first construction project to be funded by the federal stimulus package. Missouri transportation officials plan to open the new highway bridge over the Osage River in Tuscumbia on Aug. 16, The Lake Sun Leader reported. The bridge carries traffic on Missouri 17 over the tributary of the Missouri River about 30 miles southwest of Jefferson City. [MORE](#)

Near disasters illustrate need for repair of ailing Pa. bridges

Pittsburgh Post Gazette

Share



Ralph W. Gilbert Jr. heard the wake-up calls more clearly than most — the calls delivered by cracking, crumbling bridges. As a senior vice president of HDR Engineering Inc., Mr. Gilbert was among those responding to three near-disasters on Pennsylvania bridges in recent years. Those incidents helped fuel a surge in bridge spending in the state. [MORE](#)



ASHE

The Inside Lane

an ASHE Industry Update

Industry News

Roadside signs may be tough sell in South Carolina

The Sun News

Share



South Carolina highway officials hope the availability of new, state-provided signs at places where people have died on roadways will cut down on the number of home-made memorials along the sides of roads. But they'll likely need to be patient. West Virginia's Department of Transportation began offering the signs two years ago, said Brent Walker, a department spokesman, and so far 22 have been approved. [MORE](#)

Illinois transit facilities keep economy, people moving

Department of Transportation

Share



Recently in Normal, Ill., Administrator Peter Rogoff signed a \$22 million TIGER grant and helped break ground for the new Multimodal Transportation Center. Construction of the center will create nearly 300 sorely needed jobs, generate \$86 million in economic activity for the community, and encourage business expansion in Normal for years to come. It is exactly the kind of project President Obama had in mind when he signed the Recovery Act. [MORE](#)

Stimulus money moves Vermont roads miles ahead

The Burlington Free Press

Share



A double-shot of federal stimulus money to repair the state's highways and bridges — to the tune of \$143 million — has fueled what is probably the most visible evidence that the American Recovery and Reinvestment Act of 2009 is directly affecting Vermont. The scale of upgrades and patchwork has precedent only in the aftermath of 1927's catastrophic floods, which destroyed about 1,000 bridges in the state. [MORE](#)

State booster-seat laws reduce children's injuries

USA Today

Share



Booster-seat laws can sharply reduce the number of children injured in car accidents, a new study finds. Traffic injuries among kids ages 4 to 6 dropped 18 percent in New York after a state law requiring booster seats took effect in 2005, according to a study published in Pediatrics recently. The study is the first to compare traffic injury rates before and after the implementation of a state booster-seat law. [MORE](#)

MARK YOUR CALENDAR!

WELCOME!

To the 4th Annual I-95 **Golfers for Charity** Event. This event will take place on the afternoon of October 5, 2010 at Greystone Golf Course.





The "Golfers for Charity" Event has been put together with the intention of creating a true partnering effort between many companies and individuals working directly or indirectly on the I-95 Express Toll Lanes Project. Proceeds from this event will help children in need. It's an opportunity to give to a cause and help make a difference in a kid's life! If you are interested in participating in this fabulous event, please fill out the attached form and make all check payable to "GOLFERS FOR CHARITY". Please consider sponsoring this event. For more details please see the flyer below.

The Golfers For Charity Family

Marco V. Ávila, P.E.

Perry Nutter, P.E.

Dave LaBella, P.E.

 <p>Since 2007</p>	<h1 style="color: red; margin: 0;">4th Annual I-95 Golfers For Charity Golf Event</h1> <p style="font-size: 2em; color: blue; margin: 0;">2010</p> <div style="display: flex; justify-content: space-around; align-items: center;">    </div> <p style="text-align: center; font-size: 0.8em;">Proceeds will benefit: The Ronald McDonald House and The Healing Hands Foundation</p>		
<p>When: Tuesday October 5, 2010</p> <p>Time: Shot Gun: 1:00pm</p> <p>Where: Greystone Golf Course 2115 White Hall Rd White Hall, MD 21161 (410)887-1945</p> <p><small>I would like to bring a guest to the banquet! Additional banquet reservation is \$45.00 per person.</small></p> <p><input type="checkbox"/> Enclosed is my golf entry fee \$ _____</p> <p><input type="checkbox"/> Enclosed is my additional banquet fee \$ _____</p> <p><input type="checkbox"/> Enclosed is my sponsorship fee \$ _____</p> <p style="text-align: right;">Total Enclosed: \$ _____</p> <p><small>Please make check payable to Golfers for Charity Mail forms with Payment to: Marco V. Avila, P.E. 8019 Corporate Dr. Suite F White Marsh, MD 21236 410-931-0808</small></p>	<p>YES I WOULD LIKE TO BE A SPONSOR!</p> <p>NAME: _____</p> <p>ADDRESS: _____</p> <p>PHONE: _____</p> <p>E-MAIL: _____</p> <p>AMOUNT: _____</p> <p><small>Company name as it should appear in sponsorship material</small></p> <p>PLEASE PRINT</p> <p>YES I WOULD LIKE TO PLAY!</p> <p>NAME: _____</p> <p>ADDRESS: _____</p> <p>PHONE: _____</p> <p>E-MAIL: _____</p> <p>PLAYER 2: _____</p> <p>PLAYER 3: _____</p> <p>PLAYER 4: _____</p>	<p>SPONSORSHIP OPPORTUNITIES <small>Each company will have the opportunity to sponsor this event. Every sponsor is asked to make a minimum donation of \$250 (The more sponsorships, the more help to children in need). Along with the sponsorship, please submit your company's logo. All sponsors will be recognized in a poster that will be located in the Club House during the event.</small></p> <p>TOURNAMENT FORMAT: Four Person—Best Ball</p> <p>TIME: Check-in is at 12:00pm - Shotgun Starts at 1:00pm</p> <p>PRIZES: 1st and 2nd place Men's Longest Drive Women's Longest Drive Closest to the Pin Door Prizes Silent Auction Raffle</p> <p>TEE: \$110.00 includes greens, driving range, cart, and banquet. If you decide to participate only by coming to the Banquet, the fee will be \$45.</p> <p>BANQUET: An awards banquet will immediately follow the outing.</p> <p>MULLIGAN PURCHASE: Prior to the shotgun start, you are welcome to purchase 3 mulligans maximum per player (\$10). Use them anywhere anytime!</p>	<p style="text-align: center;">THE 19th HOLE BUFFET</p> <p style="text-align: center;"><small>Grilled Marinated Breast of Chicken sliced and served with tomato chutney</small></p> <p style="text-align: center;"><small>London Broil carved and served with Bordelaise sauce Steamed Green Beans Rosemary Potato Wedges Classic Caesar Salad Bread Basket Pimlico Cake yellow cake with custard between layers frosted with a smooth chocolate icing Lemonade and Iced Tea Assorted Regular and Diet Sodas Regular and Light Draft Beer</small></p> <p style="text-align: center;">RAFFLES <small>Take a chance to win many raffle items. The money collected will also be donated to The Ronald McDonald Foundation and The Healing Hands Foundation</small></p> <p style="text-align: center;">PRIZES <small>Several lucky winners will receive prizes during this event.</small></p> <p style="text-align: center;">GOLF OUTING COMMITTEE <small>If you have any questions please contact Perry Nutter or Marco V. Avila at avila@pbworld.com or pnutter@spinet.com</small></p>



PRESENTS

The 9th Annual **OHD Golf Tournament**

Wednesday, September 15, 2010 - 8:00AM Shotgun Start
"Captain's Choice" Format @ Wetlands Golf Club
740 Gilbert Rd., Aberdeen, MD
(www.golfwetlands.com)

Price per player is \$80.00, which includes:

- Greens fees and Cart
- Drink Carts on course
- Hot lunch
- 1st thru 3rd place team awards
- "Closest to Pin" & "Longest Drive" contests
- Door prizes and more

Mulligans and String:

- Mulligan's - 3 for \$5
- String - \$10 each

For reservations or questions please contact:

Tom Kubicz
707 N. Calvert St. C-102
Baltimore, MD 21202
(410) 545-8694 ... fax (410) 209-5001
e-mail: ohdgolf@gmail.com

Please make checks payable to "OHD Employee Training". Proceeds benefit the OHD employee training and recognition. Deadline for entry is August 27, 2010.

Space is limited, so make your reservations early!!
(Maryland State employees must be on approved leave to participate)

(please tear off and return with your check)

Captain: _____

Captain or Representative e-mail: _____

Player #2: _____

Player #3: _____

Player #4: _____

Newsletter Sponsors



Contact our Sponsorship

Chairs for information

on sponsoring our

Newsletter!

Ray Dagher at (410) 737-6564

rdagher@sabra-wang.com

OR

Ray Moravec at (410) 828-3804

r_moravec@wallacemontgomery.com

OTHER RELATED LINKS

ASHE-Chesapeake Section
www.ashe-chesapeake.org

ASHE National Section
www.highwayengineers.org

Maryland Department of Transportation
www.mdot.state.md.us

SHA
www.marylandroads.com

Maryland Transportation Builders and Materials Association
www.mdhighways.org

Maryland ASCE
www.sections.asce.org/maryland/index.htm

Maryland Transportation Authority-MdTA
www.mdt.com

Baltimore City
www.baltimorecity.gov

Society of American Military Engineers
www.same.org

Maryland Quality Initiative
www.mdqi.org



**PREPARED BY:
MARK BODMANN & JOE YOON**

