

A Newsletter of WTS-Boston

LATE FALL 2013



Advancing Women in Transportation

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The submission deadline for articles and photographs for the next edition of the newsletter is **Friday, January 17th**.

If you would like to submit articles, ads, or information for the newsletter, please email [Heather Ostertog](mailto:Heather.Ostertog).

Newsletter Committee

Lindsey Morse, U.S. DOT Volpe Center – Co-Chair
Heather Ostertog, Fay, Spofford and Thorndike (FST) – Co-Chair
Alison Felix, Metropolitan Area Planning Council (MAPC)
Kristine Gorman, STV Incorporated
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WTS-Boston thanks **HNTB** for its generous donation of professional graphics and layout services for the WTS newsletter.



PHOTO: DAVID WHITMAN, JACOBS

Women's Transportation Seminar - Boston Chapter | www.wtsinternational.org/boston

PRESIDENT'S MESSAGE

By Alison Lima, Tetra Tech



I love this time of year – a time to pause and give thanks. As President of WTS-Boston, I am especially thankful to be surrounded by such an amazing group of volunteers committed to our mission of

Advancing Women in Transportation. To all those who make WTS-Boston so vibrant, so timely, and so rich an experience – thank you.

What a year this has been. Of particular highlight was Liz Levin winning the Woman of the Year award and Jane Garvey winning the Leadership Award. Thinking back, we had a wonderful blend of programming including a transit policy luncheon led by Federal Transit Administration Deputy Administrator Therese McMillan, an energy policy luncheon led by Massachusetts Executive Office of Energy and Environmental Affairs Secretary Richard Sullivan Jr., and numerous more technical programs covering topics such as climate change, generational diversity, environmental permitting, and even a tour of the Chelsea Street Bridge Tour.

At the start of my term as President, I presented four goals; as detailed below, we have made progress in each, but there is more work to be done!

Increasing Public Sector Participation – This year we've conducted partnering meetings with Agency heads and developed joint programs with MassDOT University. Thanks to WTS International, we also have reduced Public Sector pricing. Next year, I want to focus on getting more Public Sector members active at the committee level and benefit from the leadership development opportunities WTS-Boston has to offer.

FEATURE ARTICLE

September Luncheon: New MassDOT Chief Engineer

By Natalie Wadia, Bryant Associates

The WTS-Boston September Luncheon, held on September 19th, introduced attendees to the new Chief Engineer for Massachusetts Department of Transportation (MassDOT) - Patricia Leavenworth, PE. She was appointed Chief Engineer of MassDOT on June 17, 2013, and is the first woman to fill that role.

Ms. Leavenworth gave an inspiring narration about her journey to becoming Chief Engineer, which all started with her education. She has a Bachelor's degree in Civil Engineering from Norwich University Military College of Vermont and a Master's degree in Civil Engineering from Worcester Polytechnic Institute. Ms. Leavenworth has worked for MassDOT in Districts 3 and 4 for the past 25 years. One of her major accomplishments, as District Operations Engineer in District 4, was developing the District Construction Database, which is used to track contract quantity estimates, completion dates, and payment projections. Her last role before being appointed Chief Engineer was as District Highway Director in District 4. In this role, she oversaw a staff of 400 engaged in the design, construction, and maintenance of highways in 62 communities in the northeast region of the state. The recent award-winning Fast 14 Accelerated Bridge Program (ABP) project in Medford was one of the many District 4 projects that fell under her supervision.

Started in 2008, the ABP is an eight-year, \$3 billion dollar program rehabilitating and replacing bridges across Massachusetts. Ms. Leavenworth pointed out that not only has the program helped to reduce the number of structurally deficient bridges, but it has also created thousands of jobs, boosting the state's economy. She provided attendees with current statistics, noting that as of September 2013, 139 projects have been completed from the original 200 planned, and there are currently

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Being More Strategic With Our Communication – I'm sure you have noticed we've been working to update our communications platforms and more regularly use social media. Next year, we plan to overhaul our website content and leverage social media to a greater extent.

Being Deliberate About Membership Engagement – This year we have worked to rebuild and strengthen many of our committees, understand what attracts people most about our programming, and understand what programming changes will benefit our members. Next year, we will focus on aligning our programming to match our membership's needs and outreach with members more deliberately to engage them more fully.

Positioning our Industry Leaders for Appointments – Our Appointments Task Force has been working hard to develop a formal Appointments process and to start to identify potential candidates for future appointments. This year we celebrated three notable appointments – Dr. Beverly Scott as MBTA General Manager, Deborah Hadden as Massport's Port Director and Patty Leavenworth as MassDOT – Highway Division's Chief Engineer. With next year being a gubernatorial election year, we will continue our Appointments work, but also continue our history of partnering with MassGAP.

I welcome you all to be an active part of WTS-Boston in 2014.

Alison Plant Lima, P.E.
President, WTS-Boston
Senior Project Manager, Tetra Tech

NEW MEMBERS

Between September 4 and November 7, the WTS-Boston Chapter gained 19 new members.

- Clary Coutu, CDW Consultants, Inc.
- Ellen DeNooyer, MBTA - Design/Construction
- Shana Gare, CDM
- Francisca Heming, MassDOT
- Nabila Hossain, Vanasse Hangen Brustlin, Inc.
- Dianne Kamfonik, MBTA
- Sheila Kelly, MBTA
- Salma Mozaffari Kojidi, STV Inc.
- Susan Kreuzsch, MassPort
- Patricia Llana, U.S. DOT Volpe Center
- Bridget Myers, Howard/Stein-Hudson Associates, Inc.
- Michelle Muhlanger, U.S. DOT, FRA
- Haley Peckett, U.S. DOT Volpe Center
- Matthew Poirier, Keville Enterprises, Inc.
- Heather Richardson, U.S. DOT Volpe Center
- Lydia Rivera, LydRiv Communications
- Kristen Sniezek, Southeastern Regional Transit Authority
- Danielle Williams, NETC/Joint Venture
- Tracy Zafian, UMass Amherst

Welcome!

36 projects in construction and 25 in procurement. She shared with attendees her wonder and pride in the entire program and its staff. The program has received 37 awards and has reduced the number of structurally deficient bridges by 20%.



(l-r) WTS-Boston President Alison Lima, Tetra Tech, MassDOT Chief Engineer Patricia Leavenworth and WTS-Boston Past President Lisa Schletzbaum, MassDOT. Photographer: Aubrey LaMedica

At the end of the program, Ms. Leavenworth shared some of the important lessons she has learned on her path to becoming the Chief Engineer, including several quotes. Those lessons included:

- Find what fuels your fire.
- Be flexible, "The style of no style" – Bruce Lee
- Be the best at everything you do in what you're doing today.
- "Anything worth doing is worth doing well" – Ms. Leavenworth's grandmother
- Have integrity.
- Be honest with people.
- Be true to your morals, beliefs, and principles.
- Stand up for others.
- Look in the mirror often.
- You can only change your approach to others, you cannot change them.
- Take a hard look at things you need to change about yourself.
- Women need to look at their strengths; they tend to look at their failures.
- Balance work and family; it is an art form.
- "Do what you can, with what you have, where you are." - Theodore Roosevelt
- Stay positive.
- Be willing to move laterally to be able to move forward.
- Learn one thing you like about someone you do not get along with.
- Get to know everyone.

To close the program, Ms. Leavenworth gave a big thank you to WTS for congratulating her when she became Chief Engineer.

WTS EVENTS

WTS Wine Tasting & Networking Event: The Value of Mentorship

By Holly B. Durso, Massachusetts Bay Transportation Authority

On October 8, 2013, the WTS-Boston Professional Development Committee hosted its annual wine tasting event. This year, it collaborated with the Mentoring Committee to jointly organize a highly successful mentoring-themed networking opportunity. This year's event, which focused on "The Value of Mentorship," included insights on mentoring from a panel of three accomplished WTS-Boston members: Mary Jane O'Meara (HNTB), Loretta Girard Doughty (HDR Engineering), and Carrie Rocha (Michael Baker Corporation).



*l to r: Irene Shea, MBTA; Erin Pacileo, McMahon Associates; Beth Musacchio, Parsons Brinckerhoff; and Kristen Whitman, Jacobs.
Photographer: Booker T. Crawford, MBTA*

Following an informal networking period, Beth Musacchio, Professional Development Committee Co-Chair, welcomed the roughly 60 attendees and introduced WTS-Boston President Alison Lima, who made opening remarks. After the first wine and food tasting, Arzu Kurkoglu and Erin Pacileo, members of the Professional Development Committee, introduced the evening's featured speakers and presented the three discussion topics: the importance of having a mentor, being a mentor, and colleague-to-colleague mentorship.

The three speakers, who have all served in various capacities as both mentors and mentees, shared their perspectives on each topic and then entertained a variety of thoughtful questions from the audience. Ms. O'Meara described a successful mentor as someone who offers guidance without personal gain, and who can make a mentee feel comfortable and safe enough to open up, even if it is just by listening to allow a mentee to come to her own conclusions. Ms. Rocha discussed the differences between internal mentors or colleagues within one's company, who can teach you the ropes within the organization and introduce you to senior leadership at functions, and those outside – for example, through WTS – who can provide a more independent perspective focused on your individual needs and career development. Ms. Girard Doughty shared that her mentors pushed her to accomplish things outside of her comfort zone she once avoided (for example, public speaking!) so that she could learn and grow from the experience, and she indicated that she has tried to pass that on by encouraging her mentees in the same way.

The formal program concluded with remarks by Meghan Houdlette and Holly Durso, Mentoring Committee Co-Chairs, who provided an overview of opportunities for mentoring within the WTS-Boston Chapter through its One-on-One Mentoring and Emerging Professional Programs. A number of attendees stayed well past the closing remarks to enjoy the remaining food and wine and continue their conversations on mentoring and other WTS opportunities, indicating a highly successful night!

In addition to those who spoke at the event, a big thank you to those who helped make the evening possible by contributing to its success behind the scenes: Sarah Dennechuk, WTS-Boston Secretary; Kristen Whitman, Professional Development Committee Co-Chair; Irene Shea, WTS-Boston Board Member; Lee Filipe, WTS-Boston Board Member; Jackie Carver, Professional Development Committee Member; and Booker T. Crawford, Event Photographer.

WTS-Boston October Luncheon: Business Partnering EXPO

By Donna Denio, S&D Global Partners, Rasmussen Consulting, and Center for Balance by Design, Inc., and Catherine-Hong Chen, MassDOT

On October 17, 2013, the WTS-Boston Chapter hosted a very successful Business Partnering EXPO to bring Minority, Women, and Disadvantaged Business Enterprises (MBE/WBE/DBE) together with prime contractors and transportation agency officials. The event was held at the Courtyard Boston Downtown in Boston and was the fourth of what has become an annual event that is organized jointly by the Diversity and Programs Committees. The event has seen healthy attendance and participation since 2010.



*l to r: Angela Hemingway, Deputy Director, Small Business Resource Center, MassDOT; WTS-Boston President Alison Lima, Tetra Tech; Kenn Turner, Director of Diversity & Inclusion/ Compliance, Massport; Mary Fernandes, AGM, Supplier Diversity and Development, MBTA.
Photographer: Frank Monkiewicz*

This year's EXPO showcased 17 exhibitors, representing a variety of professional consulting and contracting services, including: environmental, planning, construction management, civil engineering services, and steel erectors. This year we had four new exhibitors: HAKS Engineering, Lemoi Erectors, Massachusetts Association of Regional Transit Authorities, and the U.S. DOT Volpe Center. Newly formed firms along with businesses in existence for 20 years participated. The various exhibitor booths at the event displayed colorful posters showcasing projects, brochures, and

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promotional giveaways. Key representatives from the exhibiting firms, including the principals and founders, were present to provide helpful information about their firm and the services they offer. The booths were visited by representatives from public and private entities that will benefit from teaming with these MBE/WBE/DBE firms on future transportation projects.

Diversity leaders from three public agencies gave the welcoming remarks on advancing supplier diversity in the transportation sector: Ms. Angela Hemingway, Deputy Director, Small Business Resource Center, MassDOT; Mr. Kenneth Turner, Director of Diversity and Inclusion / Compliance, Massport; and Ms. Mary Fernandes, AGM, Supplier Diversity and Development, MBTA. All three were welcoming and inspiring advocates for the many benefits of including qualified MBE/WBE/DBE partners when assembling teams and responding to project opportunities advertised by their agencies and beyond.

Alison Lima, WTS-Boston Chapter President, encouraged guests to mingle throughout the event and to take an opportunity to meet as many of the exhibitors as possible.

Diversity Committee Co-Chairs Selma Mandzo-Predzic, P.E., LEED AP from VHB and Catherine-Hong Chen, P.E., from MassDOT led the planning efforts, while Programs Committee co-chairs Carrie LaVallee, from MassDOT, and Colleen Moore, CSL, MCPPO from City Point Partners, assisted.

Participating exhibitors included the following:

- CDW Consultants
- City Point Partners LLC
- Conley Associates, Inc.
- Hager Geosciences, Inc.
- Hager-Richter Geosciences, Inc.
- HAKS Engineers
- MassDOT
- Massport
- MBTA
- Massachusetts Association of Regional Transit Authorities (MARTA)
- Nitsch Engineering
- Nobis Engineering, Inc.
- Nover-Armstrong Associates, Inc.
- Print & More Associates, Inc.
- Steere Engineering, Inc.
- U.S. DOT Small Business Transportation Resource Center
- U.S. DOT Volpe Center

WTS-Boston/MassDOT University Sponsor Wetlands & Natural Resources Permitting “Lunch & Learn” Seminar

By Tory Fletcher, Normandeau Associates

On November 5, 2013, WTS-Boston, in collaboration with MassDOT University’s Engineering & Technical Institute, sponsored another successful “Lunch & Learn” seminar on environmental review processes for transportation projects, with over 70 registrants for the event. The topic of this session, Wetlands & Natural Resources Permitting, provided a comprehensive overview of the array of state and federal permits that may be required for roadway or rail infrastructure projects.

The keynote speaker, Susan McArthur, Wetlands Permitting Supervisor for MassDOT’s Highway Division, explained the need for early environmental coordination and due diligence identification of jurisdictional resource areas within the vicinity of planned infrastructure improvement projects. Ms. McArthur cautioned that some permitting or environmental review processes have very long lead times. For example, Chapter 91 licensing typically runs about 9 months from the time a permit application is submitted, and a U.S. Coast Guard bridge permit (if vertical or horizontal clearances are being modified along a federally-defined navigable waterway) can take over a year and a half.



Susan McArthur, MassDOT at the podium.
Photographer: Booker T. Crawford

MassDOT’s Environmental Division manages the majority of required environmental reviews and permitting in-house for typical roadway and bridge repairs, but complex projects are generally undertaken by consultants. Ms. McArthur also explained that, because of the large volume of projects undertaken by MassDOT, the agency has established liaisons with the Massachusetts Department of Environmental Protection (MassDEP), the Natural Heritage and Endangered Species Program (NHESP) of the Massachusetts Division of Fisheries and Wildlife, and the U.S. Army Corps of Engineers (USACE). Further, under the 2012 Transportation Bond Bill, certain bridge projects (“functional equivalents”) are exempt from the Wetlands Protection Act, Chapter 91 licensing, and review under the Massachusetts Environmental Policy Act (MEPA.)

Ms. McArthur concluded the overview portion of the presentation with discussion of two innovative projects. One, which is complete and in Beckett, involved replacement of a large culvert that impeded fish passage with a new bridge that restored the streambed as it passed beneath the road. The other, which has yet to be constructed and will be in Conway, proposes construction of a floodplain bench to reduce scour along a failing retaining wall (to be reconstructed), while also improving fisheries and wildlife habitat. These innovative projects demonstrate that environmental protection and infrastructure improvements can be designed to result in win-win situations.

This seminar was the second of a four-part series designed to provide civil engineers and support staff in both the public and private sector with an overview of environmental reviews that are often triggered by proposed roadway, bridge, and rail infrastructure improvement projects. The next session, Cultural Resources Review for Transportation Projects, is presently scheduled for Monday, January 13, 2014, followed by Stormwater Management Planning and Retrofitting, presently scheduled for Tuesday, March 11, 2014. Please watch the WTS events webpage for any changes to the anticipated dates and to register for the events.

Thank you to the following individuals for making this event possible: Kristen Whitman, Jacobs Engineering and WTS Professional Development (PD) Committee Co-Chair; Jackie Carver, HSH Associates and Tory Fletcher, Normandeau, WTS PD Committee members; Irene Shea, MBTA and WTS PD Board Liaison; Booker Crawford and Susana Hey, MBTA; Noreen Hazelton, Augie Grace, Pat Harris, Kam Sylvestre, and Michael Trepanier, MassDOT; and with special thanks to speaker Susan McArthur, MassDOT.

2013 WTS-Boston Membership Appreciation Celebration

By *Shahpar Neghah, MassDOT*

This year's Membership Celebration, held at Maggiano's on November 6th, proved to be another lively and successful event. By 6 pm, the place was packed with nearly 80 attendees consisting of WTS veterans, some of whom have been members for 30 years, new members who recently joined, and potential members attending a WTS event for the first time.

Rachael Sack, U.S. DOT Volpe Center and WTS-Boston Chapter Vice President, welcomed attendees to "one of her favorite events" and emphasized how everyone in the room plays an essential role in making WTS successful. She closed with a "shameless" plug for attending members to complete the Programming Survey if they hadn't already done so. Nineteen attendees quickly responded to the survey during the event via their mobile phones.

Allison Sweeney, MBTA and Membership Committee Co-Chair, announced that the WTS-Boston Chapter is now 315 members strong, with 75 new chapter members in 2013 so far. She encouraged prospective members to join WTS and advocated for existing members to volunteer on one of the great committees as a way to maximize membership investment. Ms. Sweeney concluded by introducing members Sarah Dennechuk (Massport), Stan Elkerton (City Point Partners), Holly Durso (MBTA), and Tammy Powell (MBTA) and invited them up to speak about what being a member of WTS has meant to them.

Ms. Dennechuk, WTS-Boston Board Secretary, talked enthusiastically about her extensive involvement with WTS in different capacities over the past years and how being a member has allowed her to seek and receive advice from fellow members on work-related as well as personal issues. She asked the attendees to get involved by joining committees; "try a committee - if you don't like it try another one until you find one that resonates with you."

Mr. Elkerton, who has been involved with WTS on and off for numerous years and consistently for the past three years, provided an entertaining synopsis of what he sees as several key benefits of WTS membership:

- energy and enthusiasm of leaders and members,
- ample networking opportunities,
- high-quality programs,
- convenient scheduling of events,
- advancement and professional development of women, and
- having fun.

He commented, "WTS helps young women to develop self-confidence, to grow professionally, and to achieve leadership positions – but don't forget to have fun!"



*l to r: Allison Sweeney, MBTA; Joann Heltzel, City Point Partners; Lauren Baker-Hart, Gilbane Co.; and Jan, Marie Hagan, MBTA.
Photographer: Booker T. Crawford*

Ms. Durso, Mentorship Co-Chair and a relatively new member of two years, spoke eloquently on how she first got involved with WTS as an Emerging Professional. She further elaborated on how her mentors, including Ms. Powell, encouraged her to get more actively involved with WTS by joining a committee and how by doing so, she has grown both professionally and personally. Ms. Durso encouraged members to take advantage of the mentoring programs, to talk to other members to get different perspectives, and to step outside of one's comfort zone.

Ms. Powell spoke passionately about the pivotal roles of her WTS mentors and what being a mentor has meant to her. She expounded on her involvement with WTS and how it was more than just a professional organization, it is like a family to her. In fact, she told the audience about the strength of the relationships she has developed through WTS and how her WTS friends have been there for her not only professionally, but during times of personal struggles.

The formal portion of the program concluded with several raffle drawings. Lydia Rivera (LydRiv Communications) and Heather Richardson (U.S. DOT Volpe Center) received WTS canvas tote bags as part of the Membership Committee's new monthly new member drawings for September and October respectively. New members Michelle Muhlanger (USDOT Federal Railroad Administration, Region 1) and Linda Dillon (Massachusetts Bay Commuter Railroad Company) each won a \$50 gift card as part of the New Members campaign drawing, and long-time members Allison Sweeney and Tammy Powell each received a \$50 gift card for recruiting new members during the New Members campaign. In addition, the 23 new members who joined during the campaign period will each receive a \$5 Dunkin' Donuts gift card. Attendees enjoyed the rest of the evening socializing and networking amongst each other while enjoying appetizers and drinks.

Thank you to the following Membership Committee members for organizing and hosting this fabulous event: Pam Greco and Allison Sweeney, Committee Co-Chairs; Irene Shea, Board Liaison; and Shahpar Neghah, Christine Breen, Allison Karoly and Fran Karyadi.

Hear it First at WTS Chapter Leadership Training

By Kristine C. Gorman, STV Incorporated and Eliza S. Partington, MassDOT Highway Division

Did you know that WTS International offers annual training for all current and incoming chapter leaders? This training brings together Chapter Co-Chairs, Directors, Executive Leaders, and Advisors from all 49 WTS Chapters and provides professional development, networking, and opportunities to learn about local chapter and WTS International programs. The exciting part is that while the training is provided at no cost to the attendees, it is chock full of first-time WTS announcements, educational programs geared towards building leadership skills, and networking receptions where transportation relationships are built.

This year's training was held in San Antonio, Texas, from Thursday, November 7, through Saturday, November 9. The local host, the WTS San Antonio Chapter, provided an opening reception at Casa Rio, on the San Antonio River Walk on Thursday evening. The reception featured 11-year old celebrity mariachi singer, Sebastien De La Cruz, or "El Charro De Oro". You may know him from his performances on "America's Got Talent"!



l to r: Eliza S. Partington, Bridge Technical Coordinator for the MassDOT Highway Division's Accelerated Bridge Program and WTS-Boston Communications Committee Co-Chair, Sebastien De La Cruz. Photographer: Kristine Gorman

The next two full days of the training were dedicated to announcing the newest benefits for the WTS membership, sharing best practices among the Chapters, and networking with other transportation leaders from across the United States.

Some of the newest WTS benefits include:

- Starting January 1, 2014, annual WTS Membership provides member benefits for all 49 Chapters and will no longer require \$30 for additional chapter memberships.
- Starting February 2014, there will be a new events registration process for all chapters.
- In 2015, chapters will be recognized through a new annual Circle of Excellence Program for their success in areas of membership and chapter management at the Annual Conference. Tracking begins January 1, 2014.
- Improvements leading up to the 2015 Mid-career Leadership Development Program. This program accepts only 14 candidates interested in dealing with complex issues of people, policy, and politics.
- Beginning in fall of 2015, an annual Executive Level Leadership Program will provide 14 interested transportation leaders the opportunity to attend a high-level training session geared toward advancing senior level executive women in transportation.



l to r: Rhode Island Chapter's Wendy Kerkhoff, Construction Testing Services Account Executive at Thielsch Engineering, Inc.; Eliza S. Partington, Bridge Technical Coordinator for the MassDOT Highway Division's Accelerated Bridge Program; and WTS-Boston Communications Committee Co-Chair; and Linda Travis, former NY Transit Analyst, NYC Chapter. Picture taken at the San Antonio River Walk which is a network of walkways along the banks of the San Antonio River, one story beneath the streets of Downtown San Antonio. Photographer: Kristine Gorman



*l to r: Eliza S. Partington, Bridge Technical Coordinator for the MassDOT Highway Division's Accelerated Bridge Program and WTS-Boston Communications Committee Co-Chair, Kristine C. Gorman, Architectural Studio Project Manager at STV Incorporated and WTS-Boston Director at Large. Picture taken outside the Alamo, originally known as Mission San Antonio de Valero, is a former Roman Catholic mission and fortress compound and was the site of the Battle of the Alamo in 1836.
Photographer: Unidentified passerby*

The message most heard at the Chapter Leadership Training was, "Are our choices for events promoting our mission of attracting, retaining, and advancing women in the transportation industry?" Dana Hook, PE, Chair of the WTS International Board of Directors and Vice President and Strategy Leader at CDM Smith, asked why we are not 30,000 members strong (WTS membership is currently at 5,000). She reminded the attendees, "Chapters must promote the WHY".

For example, why is WTS the premier transportation organization? The answer is, because our mission is clear: we are transforming transportation through the advancement of women. As an organization, we are confident that an industry that is diverse, and inclusive of women, promotes communication, creativity, efficiency, innovation, transparency, and community.

To attend the annual Chapter Leadership Training, get involved in your local Chapter by joining its leadership, either through becoming chair of a committee or a member of the Chapter board. If you are one of our leaders and your firm or agency does not cover the cost of transportation, lodging, or expenses, you can apply to the WTS-Boston Board for support and/or sponsorship. Every chapter leader is eligible and is encouraged to attend.

WTS MEMBER IN THE NEWS



Kathy Campbell, PE, LSP, LEED AP and Vice President of CDW Consultants, has been appointed by Governor Deval Patrick to the prestigious Board of Registration of Hazardous Waste Site Cleanup Professionals. Ms. Campbell, who will serve a two-year term, is currently Chair of the WTS-Boston Scholarships & Awards Committee. Congratulations, Kathy!

ADVERTISING/JOB POSTINGS

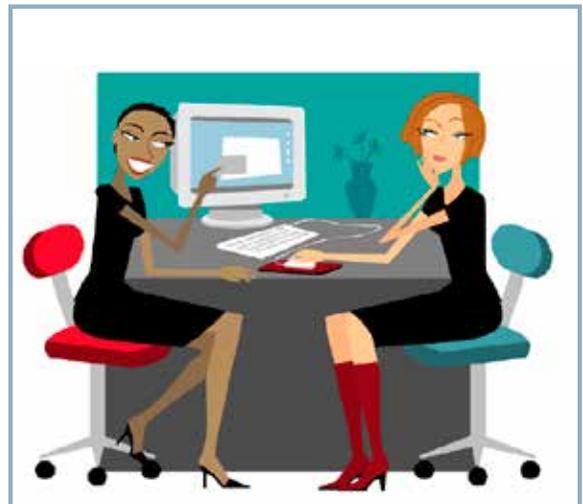
WTS Career Center

The WTS Career Center is accessible via the WTS website. Positions are in the public and private sectors, span various salary ranges, and are nationwide. Employers may also post job positions.

The WTS Career Center is extremely user friendly. Simply log onto wtsinternational.org and select "[Career Center](#)."

WTS-Boston Job Bank

One of the many benefits of WTS-Boston is access to the WTS-Boston Job Bank. The Job Bank is located on the [Boston Chapter website](#). There are many job postings currently on the site!



OTHER CHAPTER NEWS

WTS Student Chapter at UMass Amherst

By Pam Degan and Jing Ding, UMass Amherst

Congratulations to the newly elected board members of the WTS Student Chapter at UMass Amherst. The student chapter is off to a great start, actively participating in a number of events to promote WTS on campus. The chapter's focus for the upcoming year is to generate continued interest in WTS and encourage new members by providing them with networking and mentoring opportunities and professional development and information-rich educational programs.

President: Jing Ding

Vice President: Yue Tang

Treasurer: David Posner

Secretary: Christina Dube

Student Liaison: Melissa Paciulli

WTS Student Chapter Attends ASCE/ITE Student Chapter Meeting, October 24, 2013

In order to promote WTS, the student chapter attended the ASCE/ITE Student Chapter Meeting on October 24. The WTS Student Chapter President, Jing Ding, had the opportunity to present and speak about the mission of WTS to transform the transportation industry through the advancement of women. She outlined the benefits of WTS membership and informed the meeting attendees of upcoming events.

WTS Student Chapter Volunteers at Women Engineering & Computing Career Day, October 28, 2013

The WTS Student Chapter participated in Women in Engineering & Computer Career Day at the Lincoln Campus Center Auditorium. The program is designed to encourage high school girls in the study and pursuit of careers in science and engineering. This year's event drew more than 300 girls along with counselors and teachers from high schools all over the state including, but not limited to, schools in Springfield, Westfield, Chicopee, Amherst, Holyoke, and Belchertown.

WTS Student Chapter Volunteers for the 2nd Annual Cider Donut 10K Run/2Mile Walk in Support of the Amherst Survival Center, November 3, 2013

In cooperation with the Institute of Transportation Engineers (ITE) Student Chapter, the WTS Student Chapter volunteered at the Amherst Survival Center 2nd Annual Cider Donut 10K Run/2 Mile Walk. WTS volunteers assisted with traffic control in conjunction with local law enforcement. With over 500 runners and walkers, this year's event brought in an estimated \$12,000 for the Amherst Survival Center, which provides services and support to people in Amherst and surrounding towns who are in need of food, clothing, and healthcare.

Susan Barr, Chair of the Amherst Survival Center Board, said, "As I reflect back on the weekend, I am really overwhelmed by the generosity of the volunteers who made this event possible. Planning and implementing an event for [so many] people is hard but with awesome volunteers, it works! In fact, there is no way that the Amherst Survival Center could provide the services it does without event volunteers who kept everyone safe."

WTS Student Chapter Hosts the First of a Series of AutoCAD Tutorials, November 12, 2013

The WTS Student Chapter hosted the first in a series of four AutoCAD tutorials as part of a WTS fundraising program. Student attendees were provided with a hands-on tutorial of the computer-aided drafting software program, which enables the user to create precise 2- and 3-dimensional drawings used in designing and constructing many civil infrastructure projects. The program's lecturer, John Mastera, a designer with the MassDOT Highway Division, demonstrated the value that AutoCAD brings to today's transportation projects - enabling more reliability by exploring design concepts, visualizing ideas, and communicating results.

WTS-Maine Chapter News

By Katy Hews, Hews Company LLC

WTS-Maine President Named Chief Engineer of MaineDOT

The WTS-Maine Chapter kicked off the 2013/2014 year with a planning/social gathering in late July at the home of Bev Schonewald, Programs Co-Chair. The meeting was highlighted with a "Hail to the Chief" celebration of Joyce Taylor, Maine Chapter President, as the first woman to be named Chief Engineer of the MaineDOT.



Joyce Taylor, PE, newly appointed Chief Engineer for MaineDOT cutting her "Hail to the Chief" cake during the WTS-Maine summer planning outing.

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On November 5, Katy Hews, WTS-Maine Vice President, sat down with Joyce Taylor, WTS-Maine President, to hear about her first several months as Chief Engineer at the Maine DOT:

You've been with the Maine DOT for 15 years. What are the biggest changes that you have seen over those 15 years?

I think that we have become very production-oriented, but with an attitude of "responsible" production. By that I mean we have brought in social aspects, safety, and environmental elements into all of our projects. If you take it for granted that you have environmental stewardship responsibilities, or you make sure that the people who will be affected by a project are brought into the process, you have a more positive outcome. We deliver products, but we do it responsibly.

You've now been in your role as the Chief Engineer for four months. What was the biggest surprise to you when you stepped into your role?

Since I'd been with the DOT for 15 years, I'd worked with most of the groups in the Department. But the role of Chief Engineer has given me the opportunity to dig into things or project components that I'd only done at a superficial level. I see the extent of details that my coworkers are dealing with. I get to see more of the total project as I work with them.

What is your number one goal for the Maine DOT?

My primary goal is to provide the best that we can with the budget that we have. I want to make sure that everything we deliver is safer and goes a little beyond meeting the project's needs. We don't have to go overboard, but we should take the opportunity to spend the money with a purpose, and again with "responsible" production as the ultimate goal.

How will you accomplish that goal?

I think it's accomplished by getting people to think about a project's bigger picture from the beginning. When planning a project, if everyone has a clear vision of the purpose and need, and even at the end of the day, of maintenance and operation, the end result is a better product. We want to make sure that our ongoing spending is spent wisely.

You are also just completing your tenure as the President of WTS-Maine. What has been the greatest accomplishment of your presidency?

I think just getting the group off the ground, and becoming a viable chapter has been the greatest accomplishment over the past two years. Getting more people to assist in planning, and to volunteer for committees. We've added members, and we are close to having a really robust group. I liked being at the table when others joined in, and participating in conversations with transportation professionals getting to know each other.

Looking to the future, what is your number one goal for the Maine Chapter of WTS?

To make sure we have strong committees and enough people to serve on those committees. I want the chapter to have enough members to serve in meaningful areas, while having fun taking part in WTS. My secondary goal is to have a place for young women to get to know those of us who have been in our careers for a while and who can advise and mentor.

How will you help the chapter in achieving that goal?

I think part of my goal when I become past president is to drum up more members, to encourage people to join WTS. I think the new pricing for public and educational employees is terrific, and we need to get the message out to that group of folks.

What advice would you give to a woman just starting her career in transportation engineering?

I would tell her to find a good mentor, someone who is honest and truthful. To find someone who will tell you when you are making good or bad decisions. Someone you can listen to but who will listen back and give unfiltered advice.

State Representative Ann Peoples Addresses WTS-Maine Chapter

Our first member meeting of the year was held at the SeaDog Brewery in South Portland, on September 24. Over 20 members and guests gathered for networking and the first in a series of brief presentations by WTS-Maine Chapter members. State Representative Ann Peoples (D-Westbrook) shared what had drawn her into public service and her life-long interest in transportation. Representative Peoples has served in the Maine Legislature since 2006 and is a member of the Joint Standing Committee on Transportation. She is a strong advocate for investing in and maintaining our transportation infrastructure, and is passionate about expanding transportation options, such as transit, for Maine citizens. The Portland Press Herald ran an editorial by Representative Peoples, which can be found [here](#).

Her commitment to public service and advocating for those issues in which she strongly believes is made even more poignant when you consider that for the past 22 months, Representative Peoples has not only continued to effectively represent her District but also to care for her husband of 35 years, who suffered a debilitating stroke. The Bangor Daily News ran [this article](#) about her remarkable story in March 2013:

Bridges as Art Was Topic of Breakfast Meeting in November

On November 19, WTS-Maine was very excited to have Linda Figg, President/CEO and Director of Creating BRIDGES AS ART for FIGG Engineering, as the guest speaker for a southern Maine breakfast meeting. Ms. Figg shared her passion for creating environmentally friendly and functional bridge sculptures that has led her to focus on improving the quality of life in communities with landmark bridges. Ms. Figg is on the design team for the Sarah Mildred Long Bridge Replacement between Kittery, Maine, and Portsmouth, New Hampshire. The event was co-hosted by the Society for Marketing Professional Services.

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LANDMARK LADIES

LOOKING BACK MOVING FORWARD

Marking History, Making History ... Through Art

Welcome to WTS-Boston *LandMark Ladies*, an exciting column providing interesting facts about the inspirational women of WTS-Boston's leadership and history, soon to be commemorated in a WTS public art installation. Read these facts, delight in the highlights of women past and present, and receive updates on progress of the public art installation as we look forward to the celebration of our "Landmark Ladies" through art.

LANDMARK LADIES: Deborah Hadden, Massport

By Chelsea R. Christenson, Nitsch Engineering



Deborah Hadden, Massport

This month's column highlights the achievements and contributions of **Deborah Hadden**, Port Director for the Massachusetts Port Authority (Massport). Ms. Hadden oversees all aspects of Massport's Maritime Department and is responsible for the management and promotion of the Port of Boston, including strategies for the development, marketing, operation, and maintenance of its public marine terminals.

Ms. Hadden formerly served as Deputy Port Director, Properties and Transportation, where she was responsible for development and leasing of Massport's maritime properties. Her responsibilities included managing the Boston Harbor dredging projects in conjunction with the U.S. Army Corps of Engineers, strategic planning for the Port of Boston, development and implementation of the Conley Terminal Clean Truck Program, and working to resolve various maritime environmental, transportation, and land use planning issues.

Ms. Hadden recently served as chairman of the American Association of Port Authorities (AAPA) Harbors, Navigation and Environment Committee. During that time, she played a leadership role in developing AAPA's Port Sustainability Resolution and Guiding Principles, and the development of tools to help advance AAPA's and individual ports' sustainability initiatives. Ms. Hadden also serves on The Boston Harbor Association Board of Trustees and on the Governing Board for the Massachusetts Ocean Partnership.

Ms. Hadden has a BS degree in Biology from Bucknell University and an MS degree in Environmental Science from Northeastern University.

If you are interested in joining the WTS Public Art Committee, email Committee Co-chair [Lisa Brothers](#). Stay tuned for updates on WTS Boston's Art Project.

TRANSPORTATION TRIVIA

Submitted By Alison Felix, MAPC

Test Your Transportation Trivia Knowledge
(Answers can be found on page 11.)

Question 1

Which nation has the busiest road network in the world?

- A. Thailand
- B. Israel
- C. Hong Kong
- D. Indonesia

Question 2

Which nation has the highest level of car ownership per thousand inhabitants in the world?

- A. Italy
- B. Iceland
- C. Luxembourg
- D. Austria

Question 3

Which nation has the largest merchant fleet in the world?

- A. Japan
- B. Russia
- C. Panama
- D. United States

Question 4

Which nation has the highest frequency of air travel in the world?

- A. France
- B. United Kingdom
- C. Netherlands
- D. United States

Question 5

Which nation has the longest road network in the world?

- A. Brazil
- B. United States
- C. India
- D. China

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Continued on page 11

Submitted By Alison Felix, MAPC

Answer 1: D. Indonesia

The busiest road network is measured by the thousands of miles travelled per year along a mile of road. Hong Kong follows Indonesia, while Israel has the fifth busiest road network in the world. Thailand, which has the busiest road network after Israel, also has the longest traffic jams in the world.

Answer 2: C. Luxembourg

The United States is the world leader in car ownership. However, a number of smaller nations have more cars per thousand population, and hence higher car ownership. Most of the nations which are leaders in the level of car ownership are European, except for the United States, Canada, New Zealand, and Australia.

Answer 3: A. Japan

Japan has an estimated 8,460 vessels, followed by Panama with 6,140 vessels. The United States and Russia are in 3rd and 4th positions with 5,640 and 4,690 vessels respectively. China is in 5th place.

Answer 4: D. United States

The United States is followed by Japan, while the United Kingdom, Germany and France occupy the 3rd, 4th and 5th positions in the frequency of air travel in the world.

Answer 5: B. United States

The United States has longest road network in the world, followed by India. Brazil and China have the 3rd and 4th longest road networks in the world.

Source: funtrivia.com - Quiz - Means of Transportation

WTS CALENDAR

WTS-BOSTON EVENTS

Monday, January 13th **Professional Development Brownbag Lunch**
Cultural Resources Review for Transportation Projects – Save the Date

Tuesday, January 14th
8:00am – 9:30am **Board Meeting** – MBTA Board Room, 3rd Floor, Suite 3830, Transportation Building, 10 Park Plaza

Thursday, January 23rd
5:30 - 8:30pm **WTS-Boston New Year's Reception**
Secretary Davey will provide opening remarks

WTS-CONNECTICUT EVENTS

Tuesday, January 14th
3:00 - 4:45pm **How to Deal with Difficult People**
Presented by Rosetta Jones, former Warden of the Brooklyn Correctional Institution in Connecticut
ConnDOT Headquarters, 2800 Berlin Turnpike, Newington, CT
<http://events.r20.constantcontact.com/register/event?llr=bnvafteab&oeidk=a07e7s0wt2kee2ec14d>



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MassDOT's On-Call Rail Oversight Services

HDR is currently assisting MassDOT and its railroad contractors on projects and issues associated with State-owned rail lines. Under this General Engineering Contract (GEC), HDR helped facilitate the timely opening of MassDOT's newest passenger rail corridor, **the Cape Flyer**, on Memorial Day Weekend of 2013. HDR was instrumental in assisting MassDOT to improve an existing freight rail line to a successful weekend passenger rail line. HDR led the improvements which included:

- **Station Improvements**– Upgrades to stations for passenger rail included new signage and extended high level platforms.
- **Grade Crossing Improvements** – Safety improvements to all grade crossings along the new passenger rail line route.
- **Bridge Clearances** – Clearances were checked at all bridges along the Cape Flyer's route. HDR actively led the walk through of a passenger train at a bridge in Sandwich, MA (pictured above) to insure the clearance for a historic fascia beam.

HDR is excited to continue to help MassDOT make further improvements prior to the 2014 Cape Flyer season. These improvements include a bike car and extending the high level platforms at Hyannis and Buzzards Bay to accommodate the new bike cars.



A proud local chapter sponsor and national corporate partner of WTS. **Dori Giles Raposa**, Sr. Vice President & Director, Consulting Services, serves as *Vice Chair of the WTS Foundation Board of Directors*; **Loretta Girard Doughty, P.E.**, Structural Section Manager, currently serves on *WTS-Boston's Advisory Board*; and **Susie Siden Bailey**, Structural Engineer, serves as *WTS-Boston's Outreach Committee Co-Chair*.

We are WTS' partner and advocate. Promoting women in transportation across the country.

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