ITE Washington Section Newsletter

VOLUME 30 I ISSUE 5 I MAY/JUNE 2020

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ITE Washington is relaunching SimCap! Check out details on page 6

SAVE THE DATE

ITE

Terry Gibson Golf Classic

June 16th, 2020

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Register by May 29th

Fingers crossed for some gorgeous weather like we had in 2018

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What a difference two months makes. Our world has changed since my last letter to you, our members. How do I start this letter? What is our focus now as transportation professionals? What is our "new normal"? Certainly, big data will tell the traffic story, reduced transportation funding will impact us for some time, discretionary trips have been redefined, the perception and reality of safety of public transportation are unknown, and lives are disrupted in many, many ways.

We all deal with stress differently, and we will each be affected by our society's response to COVID. My way of dealing with stress is typically to put myself to work. For ITE Washington, this means; maintaining our programs for our members, continue to improve our section operations, and supporting our members with their professional development.

By the time you receive this newsletter, we will have conducted our first ITE program using live internet streaming – our May student program. Please see the summary in this newsletter prepared by Justin Chan, ITE's scribe. Thank you to all those that participated and congratulations to our scholarship winners presented in the Student Corner.

In June you will see another significant step in the implementation of One ITE. New bylaws require the terms of the Section Executive Board to be from January 1 to January 1. To facilitate this transition, an election of the current board will be held in June, consistent with our current bylaws. When WesternITE adopts the new section bylaws in late June 2020, the new bylaws will supersede. This will result in a six-month extension of our current board terms. A second election will be held in the summer. The second election will be held early so that a new Secretary can begin to learn the board operations before formally starting the position on January 1. If you have questions, please join us at our June Annual Meeting.

Our June program will likely also be conducted via live internet streaming. We will honor our award recipients at our September kick-off meeting so that we can personally honor them.

We are excited to be able to host our annual golf tournament. A walking activity will be included for non-golfers on the beautiful Oakbrook course. Walkers will join golfers for the food and fun to conclude our ITE year. Please check out the events page for details and instructions on how to sign up.

Finally, I want you all to know how deeply concerned I am for the impact COVID has had on your lives. As we move forward, it is with an understanding that we are all balancing our work, our families' needs, our health, and spiritual needs. ■

Claudia Hirschey

2019-2020 ITE Washington President

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safety corner

Your Safety Committee has been busy exploring ways to continually pursue a program to help us obtain the goal of Zero Deaths and Zero Serious Injuries. We are "virtually meeting" every month to discuss ideas and programs to achieve this objective.

During May, we have an opportunity to hear a national expert in traffic safety, Robert Wunderlich, Director, Center for Transportation Safety, Texas A&M Transportation Institute. I attended the International ITE Meeting in Minneapolis in 2018. Robert spoke at the next to last session at the conference and all of you who have attended ITE national conferences know how challenging it is to keep the group's attention. I was most impressed how he was able to keep people engaged during hist presentation. Please make this a priority to attend this virtual meeting.

As many of you know, Dr. Darrin Grondel has announced his resignation as Director of the Washington State Traffic Safety Commission to take a position as Vice President of Traffic Safety Programs and Government Relations with the Foundation for Advancing Alcohol Responsibility. We have been very blessed and benefited from our relationship with Dr. Grondel. He has always been willing to meet with us and share with us current activities of the Traffic Safety Commission. He spent 28 plus years with Washington State as a state trooper and Director of the Traffic Safety Commission. He has put Washington State in a position of leadership in traffic safety. He will be missed but will be telecommunting so we hope to have him come and speak to us in his new capacity.

We have many ideas to pursue and we invite you to offer your ideas as well. I am very grateful for the enthusiasm and the commitment of the Safety Committee Members including Claudia Hirschey, Jamaal Mahmoud, Brian Chandler, Robert Shull, and Caroline Brabrook. I hope you are all staying healthy and safe. Look forward to seeing you in the future.

Gary Norris, P.E., P.T.O.E
Safety Chair

DN Traffic Consultants
Project Manager/Senior Traffic Engineer

Bellevue, Washington

student corner

Congrats

ITE Scholarship Winners

This year the ITE Washington State Section continued to support students through our scholarship program. As we have adapted this May meeting from the traditional format, we have also adapted the number of scholarships offered this year and we are excited to award two graduate scholarships this year in addition to one undergraduate scholarship. We had many strong applicants doing amazing research in transportation, ranging from intelligent transportation systems to freight movement to human factors. Our graduate applicants were involved in ITE, TRB, many other organizations with acronyms and had all published multiple papers. Ultimately, we had two graduate students and one undergraduate student that stood out for their academic achievements, leadership in their university's ITE club and volunteer activities.

-Darcy & Sarah

Student Committee Co-Chairs

Mayuree Binjolkar- pursuing her doctorate degree in Transportation Engineering with an emphasis on Driving Behavior Analysis at th University of Washington.

Mehrzad Mehrabipour- pursuing her doctorate degree in Civil and Environmental Engineering at Washington State University. Her dissertation is "The development of Novel Decomposition and Distributed Methodologies to Solve Dynamic Traffic Assignment Problems" .

Madelyn Cayton- a junior working on her bachelor's degree in Civil and Environmental Engineering at Gonzaga University.

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Please let us know if your contact information changes so that you continue to receive monthly ITE WA announcements and newsletters by email. To update your information, click on the Membership tab on the our website: **www.wa-ite.org**

Send comments and submissions to itewaeditor@gmail.com

Articles must be received by the third Thursday of the month to be considered for publishing in the next issue.

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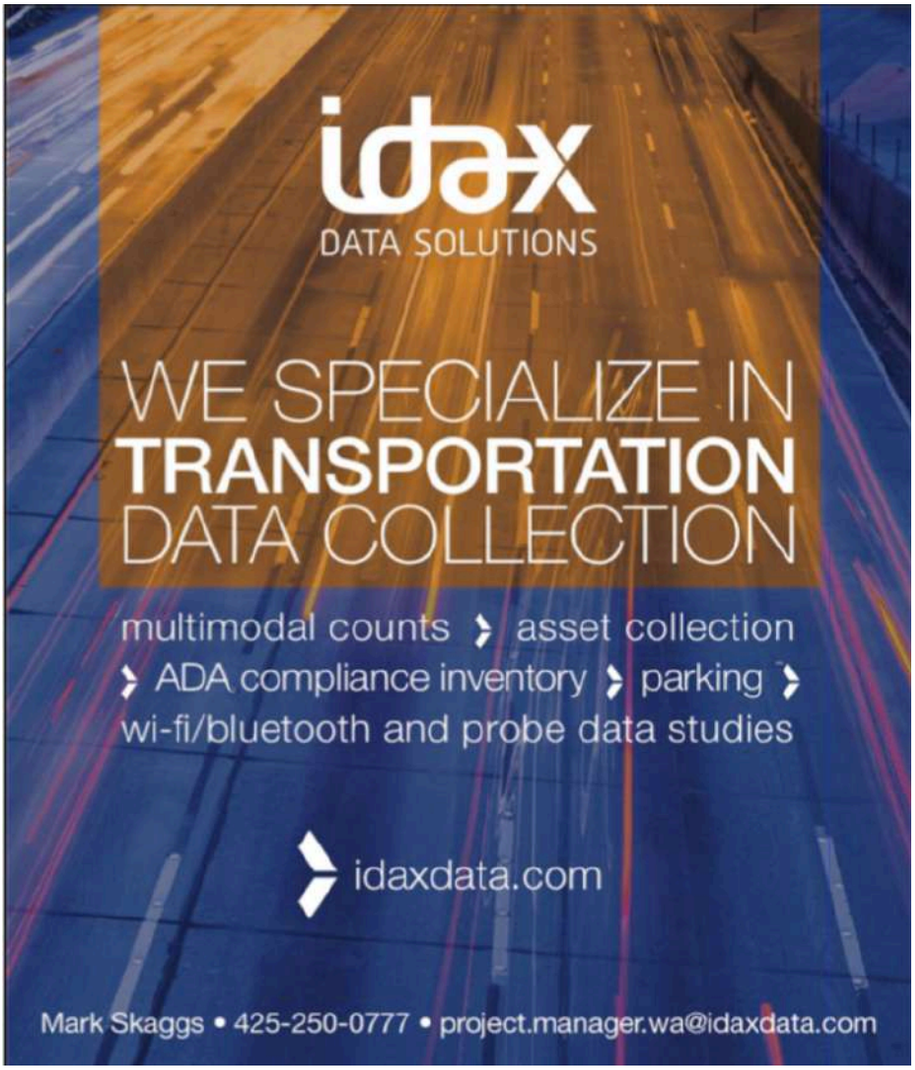

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2019-20 ITE Washington Section Events

Date	Subject	Location
JUNE 9	ITE Washington Annual Meeting	Virtual
JUNE 16	Terry Gibson Golf Classic	Lakewood
JUNE 26	SimCap User Group	Virtual
JUNE 28-JULY 1	Joint Western & Mountain District ITE Meeting	Virtual

ITE WESTERN DISTRICT ANNUAL MEETING

Couldn't make the trip to Hawaii? Aloha is coming to you!

Please join the rest of Western & Mountain districts during the annual meeting June 28th through July 1st.

Register Here

Details on the virtual event can be found here.

Terry Gibson Golf Classic
June 16th, 2020

Oakbrook Golf Club

Lakewood, WA

Event & Registration details on page 12

ITE Washington is re-launching SimCap – the Simulation and Capacity Analysis User Group. The SimCap User Group is organized for all persons with any level of interest or experience in traffic simulation, capacity analysis, and related practice areas. Our first meeting will occur on June 26, 2020. Look for details coming soon.

Interested in joining the user group? Contact our Technical Activities & Training co-chairs, Vivek Goswami, Jacobs and Brian Kellogg, WSP directly or using itewashington@gmail.com

2020 ITE Associate Events

AUG 9-12	ITE National Annual Meeting	New Orleans, Louisiana
OCT 6-9	APWA Fall Conference	Spokane, Washington

New Orleans 20
Annual Meeting and Exhibition
August 9-12

VIRTUAL 2020 Annual Meeting
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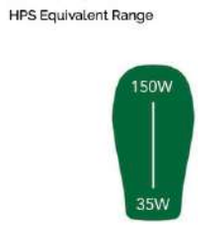

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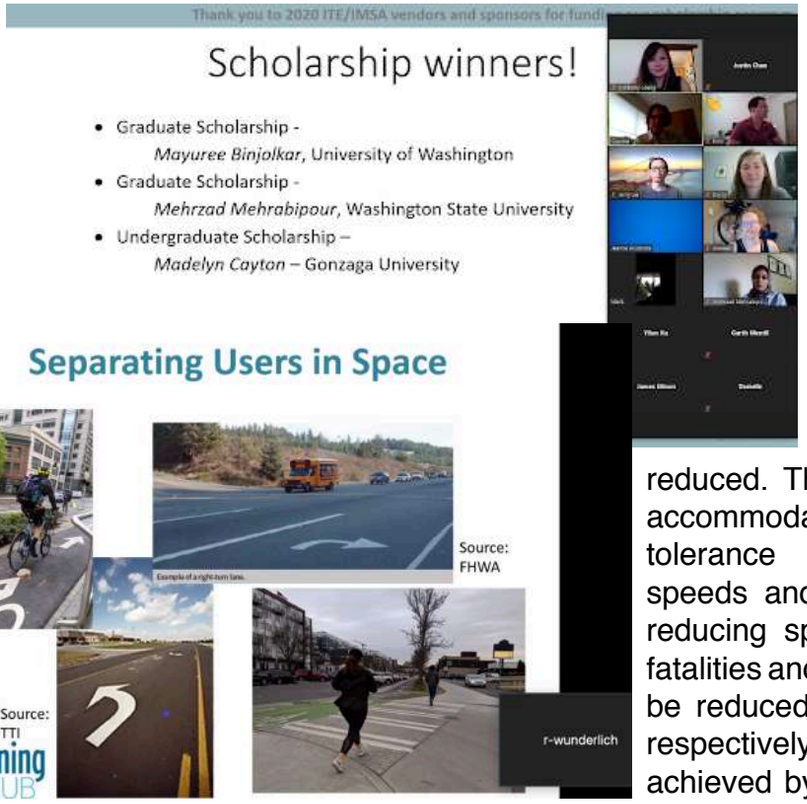
ITE May Student Program

Justin Chan, EIT
ITE Scribe
Transportation Engineer
Transpo Group
Kirkland, Washington

May 12th, 2020

This year's May Student Night took place a little differently than years past. Whereas we would typically be enjoying a delicious dinner and an evening of networking and presentations/poster board sessions at Ivar's Salmon House in Seattle, this year's event was a first for us, taking place over Zoom! Despite the current COVID-19 pandemic and the public health measures that we've all had to adjust to, we still had a great turnout with participants and speakers all in good spirits.

To kick things off, we heard from Kimberly Leung with the San Francisco Municipal Transportation Agency, where she has recently been working on their COVID-19 Response Program to open up roadways for active transportation uses. Kimberly is the Candidate for ITE Western District Secretary-Treasurer and has been involved with ITE for over 12 years now, first getting her start with the Cal ITE Student Chapter in 2008 at the University of California, Berkeley. Since then, she has continued to be actively involved with ITE, including most recently her position as East Bay Student Outreach Liaison with SF Bay ITE.



Next, we heard from our Student Committee Co-Chairs Darcy Akers and Sarah Keenan who announced this year's scholarship winners. As always, we had an impressive list of students, including graduate scholarship winners Mayuree Binjolkar with the University of Washington and Mehrzad Mehrabipour with Washington State University, as well as undergraduate scholarship winner Madelyn Cayton with Gonzaga University. Congratulations to all three winners!

Lastly, we heard from our featured speaker, Robert Wunderlich, the Director of the Center for Transportation Safety at the Texas A&M Transportation Institute, who shared with us some insights on The Safe System Approach. This methodology seeks to design and operate transportation systems that can anticipate driver error, as well as accommodates the limits of human injury tolerance. Robert discussed various strategies that can be taken, such as physically and temporally separating different roadway users, increasing roadway user visibility and driver attentiveness, simplifying intersection and interchange designs to limit conflicting movements, and providing adequate space for clear zones and recovery. By physically separating roadway users, such as by providing dedicated turn lanes or protected bike lanes, and separating users in time such as by providing protected left-turn or exclusive pedestrian signal phasing, potential conflict points can be reduced. By employing alternate intersection and interchange designs such as using median U-turns, diverging diamond interchanges, or roundabouts, conflict points can be reduced, and/or the severity of collisions reduced. The other strategy of accommodating human injury tolerance involve reducing speeds and impact forces. By reducing speeds by just 10%, fatalities and serious injuries can be reduced by 38% and 27%, respectively. This can be achieved by strategies such as speed management through physical roadway configurations like road diets or speed tables, speed enforcement, and signal coordination based on desired target speeds. However, it is particularly important to note that there is no one-size fits all strategy. As the proverbial saying goes, these are all just tools inside the engineer's toolbox, and the context of the roadway, its location, and its users must be considered as well. Overall, Robert noted that a safe system will require a systemic approach, public acceptance, integration of the various strategies and methodologies, and support from law enforcement, adjudicators, and policy makers.

We hope each of you and your families are staying safe, sane, and healthy, and that we'll be able to see everyone soon!■

ITE Terry Gibson Golf Classic
Oakbrook Golf Club

Gibson Classic #32
Oakbrook Golf Club – Lakewood, WA
Tuesday, June 16th, 2020, 9am Shotgun Start
$85/player ($340 team of 4)
Mark Poch and Darcy Akers – Tournament Chairs

It's on. You're probably not sure if you'll get to see the Mariner's at T-Mobile or Santana at The Gorge – but you can get outside and play in this year's Gibson Classic! We may have to slightly adjust the format of the Classic depending on the Governor's orders, but we plan to still get out for a fun day of golf. And with hundreds of oak trees, and some of the best greens south of Seattle, Oakbrook will make a fantastic venue for our 32nd Gibson Classic.

We are not quite sure exactly how the lunch and awards banquet will work, but Oakbrook Pro Jeff Melhert assured us that they will feed us somehow some way. We'll have drink tickets too. Other small adjustments may be necessary, but we'll figure those out and keep you up to date as we continue to adapt to covid19. **IF FOR SOME UNFORSEEN REASON WE ARE NOT ABLE TO HAVE LUNCH, WE WILL REFUND THAT PORTION OF YOUR FEE.** If you have any questions at all, please contact Mark Poch (mpoch@bellevuewa.gov) or Darcy Akers (dakers@bellevuewa.gov).

Our current plan is to have a shotgun start at 9am on Tuesday, June 16th, 2020, with the popular "scramble" format. **Please check in no later than 8:30am.** Registration for this event will be only **$85 per person (due May 29th)**, and will include use of the range, power cart, competition prizes, raffle, drink tickets, and BBQ after the round. So be sure to be a part of our famous day of golf, food, and fun!

Online Payment! Register and pay either individually or for a team at: https://2020-ite-gibson-classic-tickets.eventbrite.com. Payment by check still accepted – please mail payment and registration form to Darcy Akers (see next page from more details).

Questions? Call or email Darcy Akers (425.452.6140, dakers@bellevuewa.gov). If you are not able to pay by the date above, please make arrangements with Darcy. And remember, 2 players from each team must be ITE members (call Darcy for exceptions). Single golfers or couples are definitely welcome as we usually have a couple teams with less than 4 players that we can match you with.

Please leave yourself plenty of time to get to the course. We have unlimited use of the practice facility prior to the shotgun start, so come early, warm up, and catch up with friends and colleagues. For more information on Oakbrook and to get directions, visit their website at http://www.oakbrookgolfclub.com/.

The Bridges of King County Through the Lens of T. P. Blum

1931 - 1934

"During the years 1931-1934, County bridge inspector Thomas Patrick Blum travelled throughout King County inspecting and photographing bridges. This exhibit presents a sampling of over 500 bridge photographs attributed to Blum. Blum was born in 1893. He was licensed as a surveyor in the State of Washington and served as bridge inspector for King County from 1924 through 1934. Some of the children shown in the photos are believed to be his. Blum died in 1942. Blum's photographs show an artist's eye for composition and detail. The images attributed to him possess a rich quality showing beauty in even the most mundane of subjects. The images also show us the range of bridge styles and engineering methods of the time."

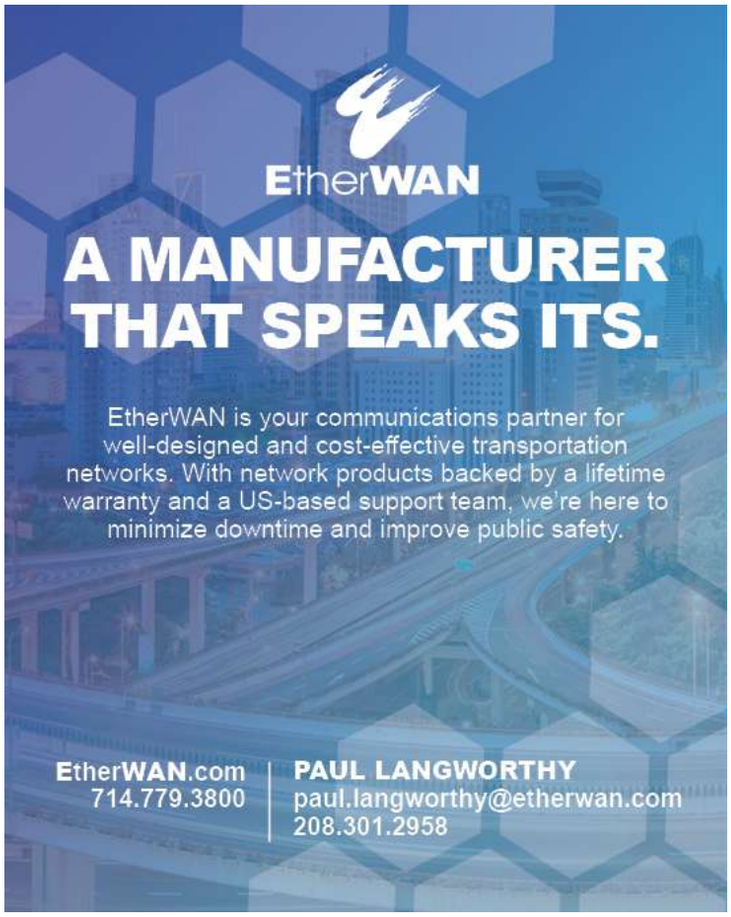
2 miles N of Duvall on road to Monroe, July 15, 1932. (Series 474, Bridge Number 1297F, Section 6, Township 26N, Range 7E.)

Kanaskat Bridge, Cumberland-Kanaskat Rd at Kanaskat: Green River, July 5, 1932. (Series 474, Bridge Number 3036. Section 30, Township 20N, Range 7E.)

Tarr Bridge: Snoqualmie River, July 26, 1932. (Series 474, Bridge Number 61F. Section 24, Township 24N, Range 7E.)

4 miles W of Black Diamond on HH Howard Road, June 28, 1932. (Series 474, Bridge Number 969B. Section 18, Township 21N, Range 6E.)

Source: https://www.kingcounty.gov/depts/records-licensing/archives/exhibits/BlumBridges.aspx



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podcast

ITE Talks Transportation is a collaboration between ITE and Bernie Wagenblast, founder and editor of the Transportation Communication Newsletter and host of Transportation Radio. Each month, a new podcast features a thought leader within the transportation industry. In keeping with #transportationtuesday, a new episode will be available the 4th Tuesday of every month.

Transportation and Equity with Tamika Butler, Toole Design

Emerging Trends in Mobility with Annie Chang, SAE International

The Impacts of COVID-19 on Public Transit with Paul Skoutelas, APTA President and CEO

careers

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Training for Local Agencies

The Washington State Local Technical Assistance Program (LTAP) is a partnership between WSDOT's Local Program Division and FHWA, providing training opportunities and a coordinated technology transfer program for local agencies in Washington State. LTAP offers courses directly targeting the training needs of local agencies receiving Federal funding. All in person sessions are cancelled due to COVID19, but there are plenty of online opprotunities to take advantage of.

Types of Training for Local Agencies:

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Training by Our Partners

This is a listing of other programs and training offerings through WSDOT and LTAP Partners.

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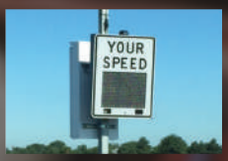

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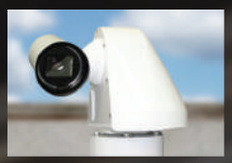

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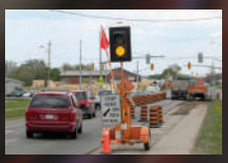

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