

AFV-TAG

Washington State Alternative Fuel-Vehicle
Technical Assistance Group

INFRASTRUCTURE: Planning our ZEV Future

Fall AFV-TAG Meeting

November 19, 2021

AFV-TAG is a program of the Washington State Department of Commerce
and the Washington Green Transportation Program

COORDINATED BY MICHAEL BREISH AND JIM JENSEN

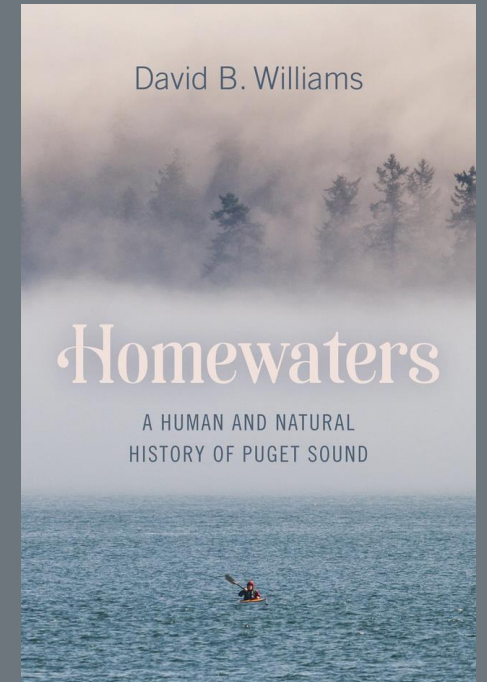


Photo: UW Press

Flooding

Cascades Experience Cascading Hazards



WSDOT North @wsdot_north · 3h

Both directions of I-5 in **Bellingham** will remain CLOSED overnight due to flooding & active slides threatening the highway. NB will be closed at Nulle Road (milepost 246) and SB at North Lake Samish (milepost 244). We will reassess in the AM.



19

202

217



[Show this thread](#)



NWS Seattle @NWSSeattle · 13h

Bellingham took just 6 hours today to break their previous daily rainfall record of 0.87". #wawx



British Columbia

Today's Agenda

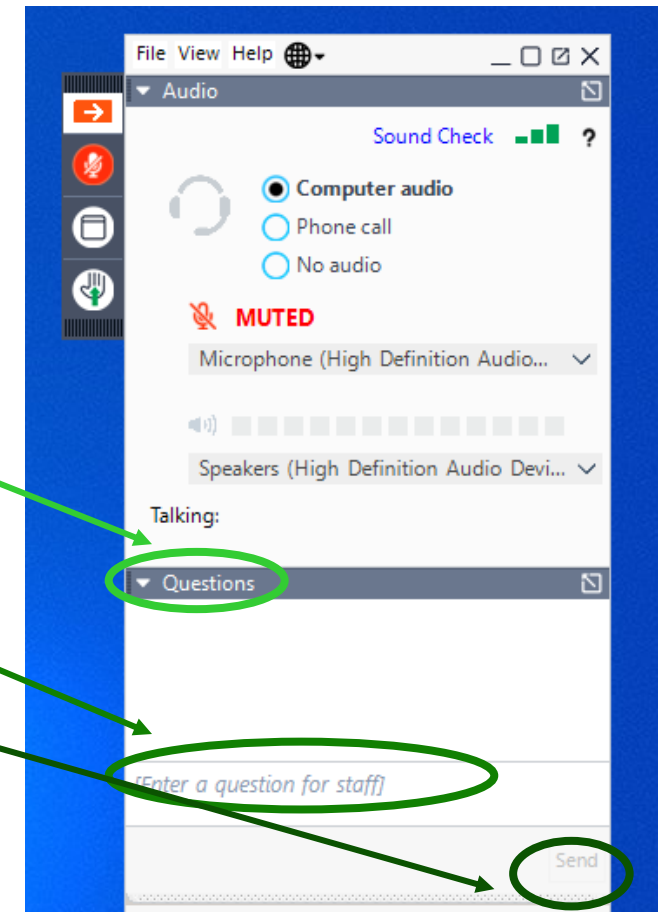
- Welcome & announcements
- Green Transportation Program updates – Melinda Spencer, Andrea Tousignant
- Grant and funding updates – Jim Jensen
- DERA grant successes – NW Seaport Alliance
- Elements of ZEV infrastructure planning – Pete Slowik, ICCT
- WSDOT Mapping & Forecasting Tool discussion and input
- Closing & next meeting

Housekeeping details

- All meeting attendees are in listen-only mode.
- Using your phone for audio? Please make sure you stay muted throughout the meeting.
- The meeting is being recorded. We plan to make all or portions available on the Green Transportation Program website.
- Subscribe today to receive all future webinar notices; search online for “Washington Green Transportation Program.”

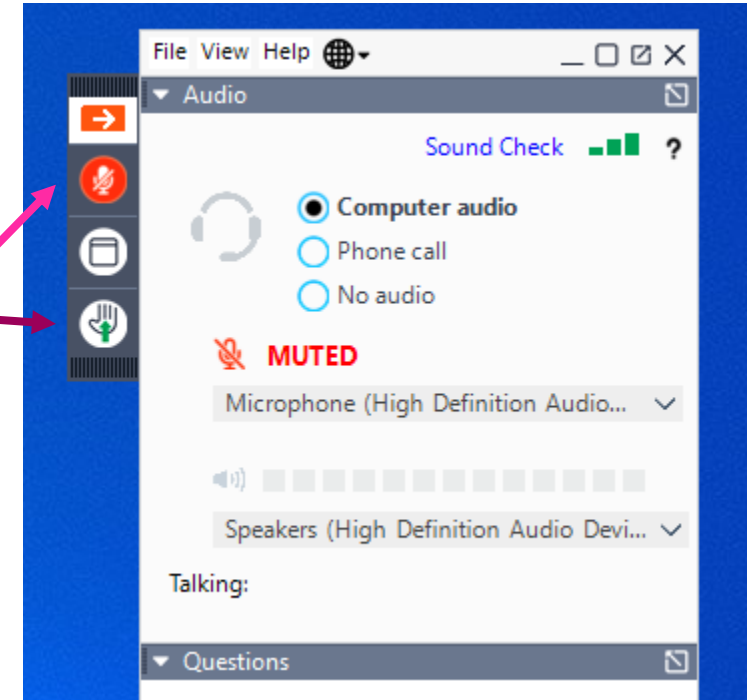
Have questions during the meeting?

- Please use the GoToWebinar control panel
 - Expand the Questions tab
 - Type your question
 - Hit send
- We usually wait for a presenter to finish to ask your questions



Participate during the meeting

- Please use the GoToWebinar control panel
- Raise your hand, using the hand icon on the left side of the panel
- Wait—an organizer will invite you to unmute your microphone
- Unmute yourself and participate



Who is attending this morning?

- Municipalities
- Transit agencies
- School districts
- Utilities
- Ports
- State & federal agencies



New Resources on the GTP Website



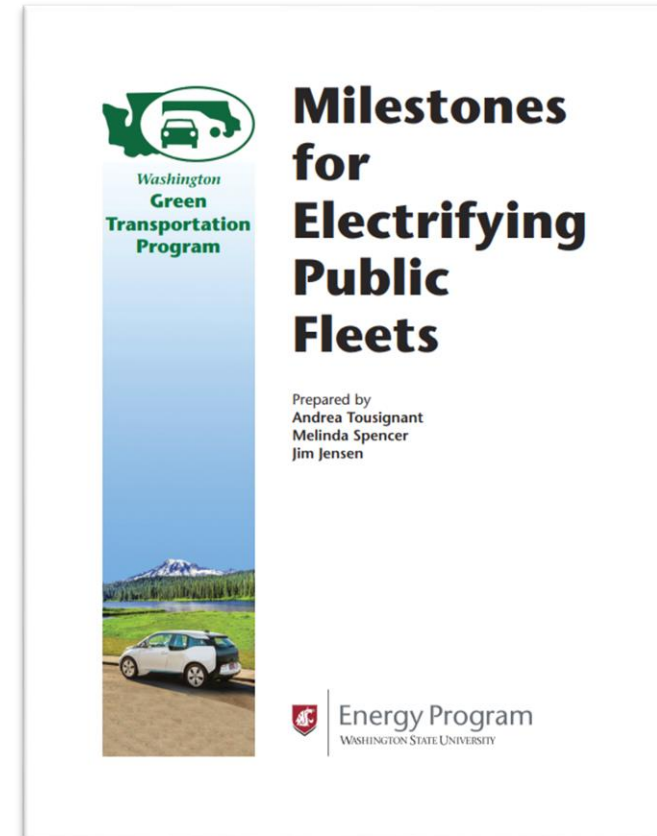
Melinda Spencer
WSU Energy Program

- **Home**
- **Public Fleet Success**
- **Communities Transition to Green Transportation**
 - Energy/building codes
 - Workforce development
 - Environmental impacts

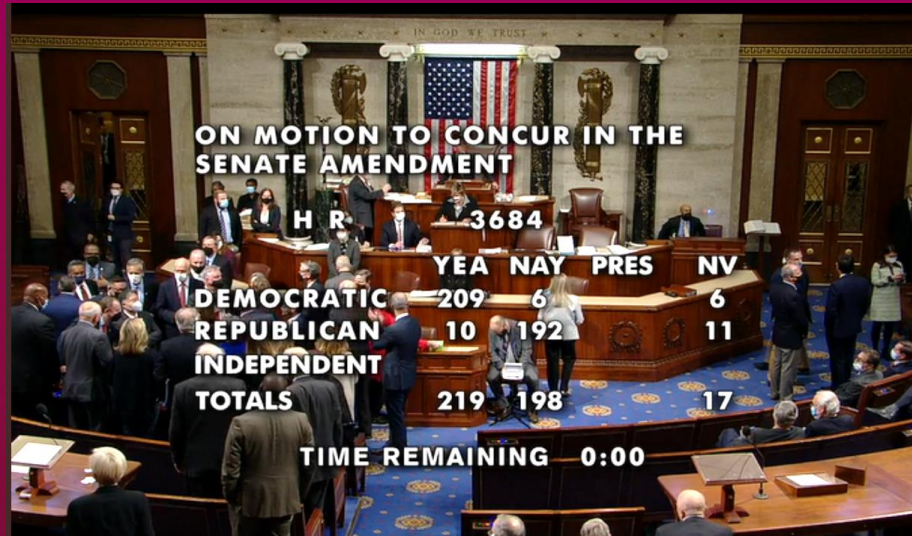
Milestones for Electrifying Public Fleets



Andrea Tousignant
Ions for EVs



Infrastructure Week



Celebrating passage of the Infrastructure
Investment and Jobs Act (IIJA)

State Grants & Funding

WSDOT Green Capital Grants – Public Transit, developing

WSDOT ZEV Infrastructure Partnerships (ZEVIP), developing

WSDOT Low-Income ZEV (LIZEV) Pilot Program (\$2.4m)

Ecology Clean Diesel/DERA Grants, plus School ZEBs (\$10m)

Ecology VW Settlement Funding, developing

Commerce Electrification of Transportation Systems (ETS),
developing

Federal IIJA - ZEVs

- \$7.5 billion for EV infrastructure (\$5 billion in state formula grants)
- Surface Transportation Block Grant now allows EV infrastructure
- \$6 billion for battery research/recycling
- \$8 billion for hydrogen research/development for at least 4 H2 Hubs
- \$17 billion for ports and \$25 billion for airports
- \$250 million for electric or low-emitting ferry pilot program
- Billions more for clean energy, including grid infrastructure and resiliency

Federal IIJA - Electric Buses

- \$2.5 billion for school ZEBs
- \$2.5 billion for zero & low emission school buses
- \$39 billion for transit system improvements, including accessibility (much for light rail systems)
- \$5 billion for transit ZEBs

infrastructure

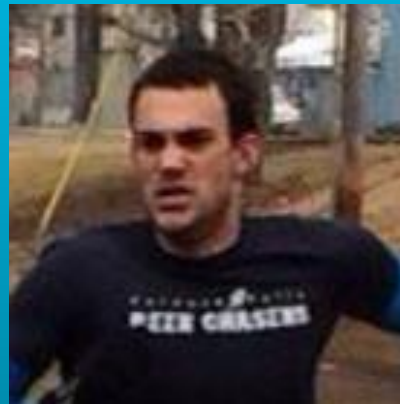
capital improvements variance
comprehensive sustainable
planning
strategic Form-Based Zoning parking spaces
LEED Land uses public participation
environmental signage
right-of-way non-conforming use historic

Image: City of Kelso, WA

Project Scope – Budget – Timeline

www.transportation.gov/equity-Justice40

Experience with DERA Funding



Graham VanderSchelden & Nicola Graham
NW Seaport Alliance

WSDOT Mapping & Forecasting Tool Discussion

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- Please raise your hand in the webinar control panel
 - Unmute yourself when called on by an organizer

ICCT & ZEV infrastructure assessments?



Peter Slowik
Senior Researcher
ICCT



Closing

- **Next AVF-TAG Meeting: January 21th, 9 a.m. to 12 noon**

**Send us your good news
or requests for assistance or collaboration
greentransportation@energy.wsu.edu**

Feedback: Jim Jensen, jensenj@energy.wsu.edu