

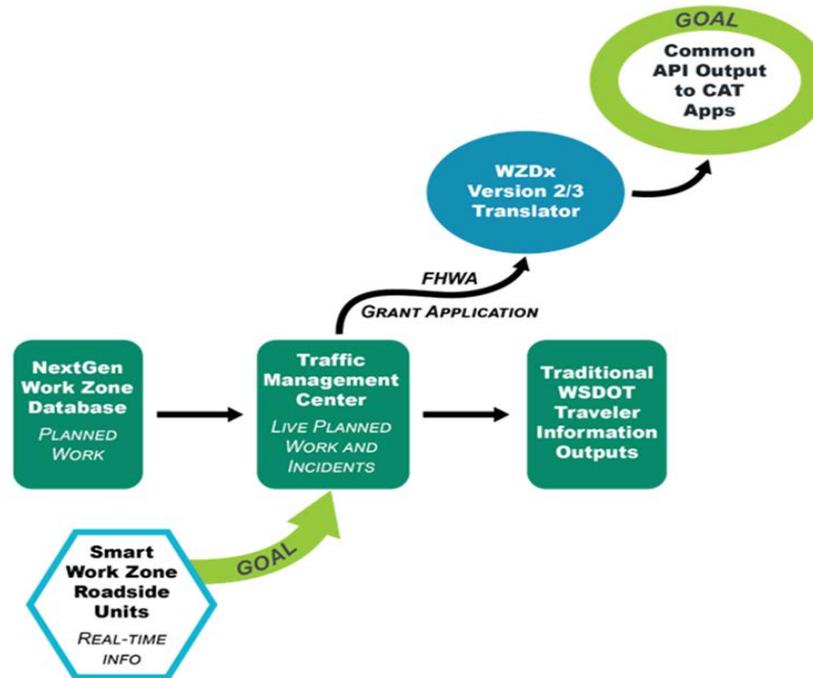
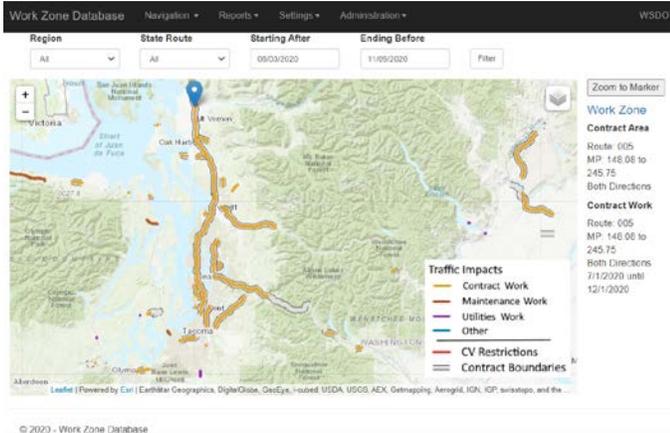
# NextGen Work Zone Database (WZDB) and the WZDx



## Putting Smarter Work Zone Information and Technology to Work

### OVERVIEW OF INNOVATION

- 1. Build on existing WSDOT applications and workflow:** Create automated connectivity into the system so that existing and future data sources can translate planning level information into real-time use (and eventually historical data collection.)
- 2. Use existing off-the-shelf products:** Test and integrate devices through low-risk pilot projects with emerging technology.
- 3. Work Zone Data Exchange (WZDx): Develop and adopt national specifications:** Take existing lessons learned and institutionalize proven products and practices into daily activities to promote widespread use and adoption of smarter work zone technologies.



### BENEFITS

- Real-time awareness of active work zones, statewide
- Potential primary and secondary crash reduction and benefits
- Vehicles with ADAS and ADA Technologies that consider and/or warn the driver that they are approaching / entering a work zone might benefit from more favorable insurance premiums by reducing potential accidents.

### FIND OUT MORE . . .

Work Zone Management Program Collaboration Site  
<https://collaboration.fhwa.dot.gov/wzmp/About%20the%20WZDI/Forms/AllItems.aspx>

Work Zone Data Exchange (WZDx)  
<https://www.transportation.gov/av/data/wzdx>

TSMO (transportation systems management and operations)  
<https://wsdot.wa.gov/operations/traffic/tsmo>

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Operations, Safety, Planning, Design, Construction, Work Zones, Emergency Response/Relief, Traffic Incident Management, Technology, Freight/Goods Movement, Maintenance