

# Taylor Way Rehabilitation Project



PORT OF TACOMA  
MARCH 17, 2022



# In The Beginning (2016)...



# Project Rationale – Why Taylor Way?

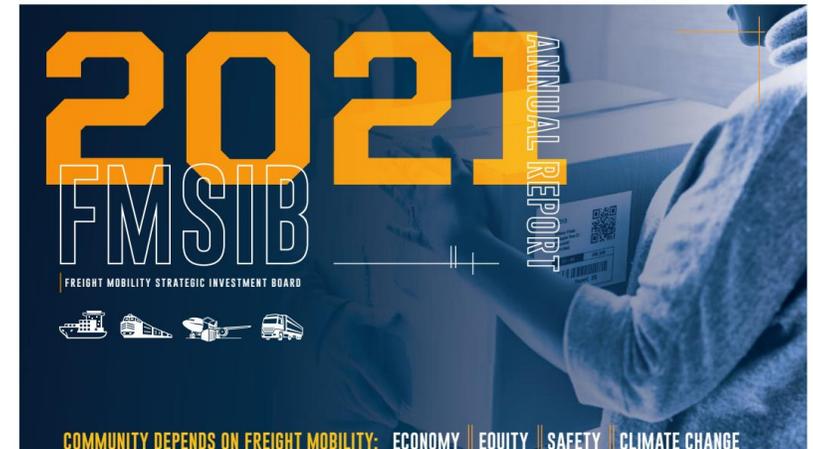
- Major Arterial in Port of Tacoma Manufacturing Industrial Center
- Main Corridor on Blair-Hylebos Peninsula
- Emergency Access Route
- USDOTs Multimodal Freight Network (4-10 million tons every year)
- SR-509/Taylor Way – Second Worst Freight Bottleneck in Olympic Region
- Intermodal Conflicts
- No ITS connectivity



# Funding Partnerships

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- \$2.5M Freight Mobility Strategic Investment Board
  - \$5.4M PSRC Surface Transportation Program (Countywide Selection)
  - \$10.4M PSRC National Highway Freight Program
  - \$2.2M City Street Initiative Program
  - \$5.0M Utilities - City (Rail, Water, ES), Fife, Pierce County
  - \$0.2M Port of Tacoma
  - \$1.2M Local Contributions
- \$26.9 Million Total**



# What Did We Do?

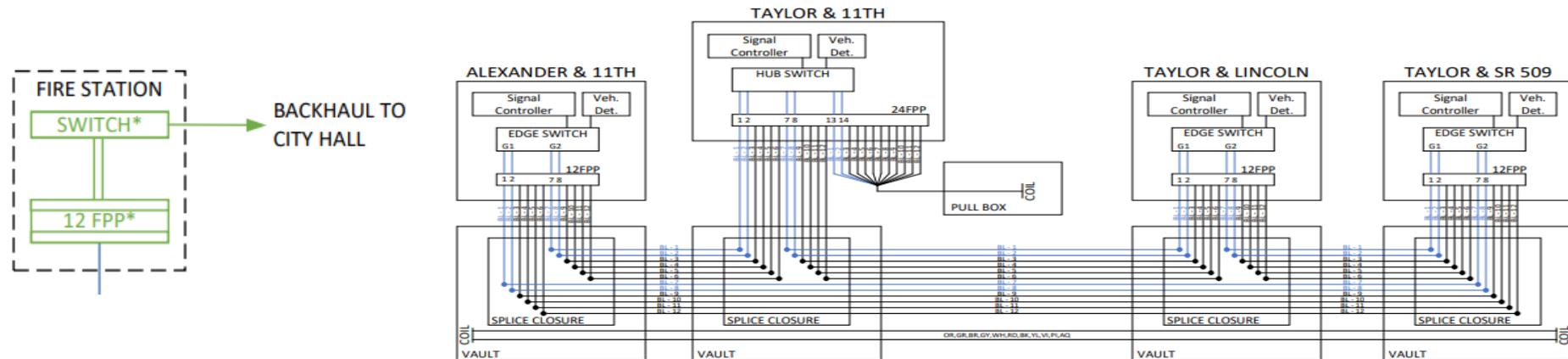
- Replaced Aging Asphalt With Concrete Heavy Haul Roadway
- Permanently Removed Five Railroad Crossings, Replaced Six Others
- Upgraded Street Lighting, Water, Stormwater & Wastewater Utilities
- E. 11<sup>th</sup> St Grind & Overlay, Hylebos Bridge to Alexander Ave
- Upgraded Non-Compliant Curb Ramps Between E. 11<sup>th</sup> St & Lincoln Ave
- Added a 10' Wide Sidewalk, Lincoln Ave to SR-509
- Widened SR 509/Taylor Way Intersection
  - Added Left Turn Lanes NB & SB SR-509
  - Lengthened Turn Pockets
- Created a Mitigation Area at Hylebos Creek



# What Did We Do?

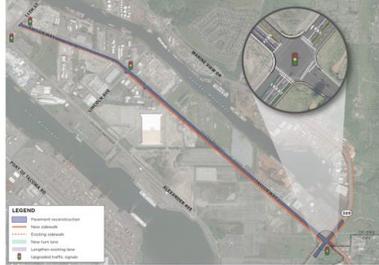


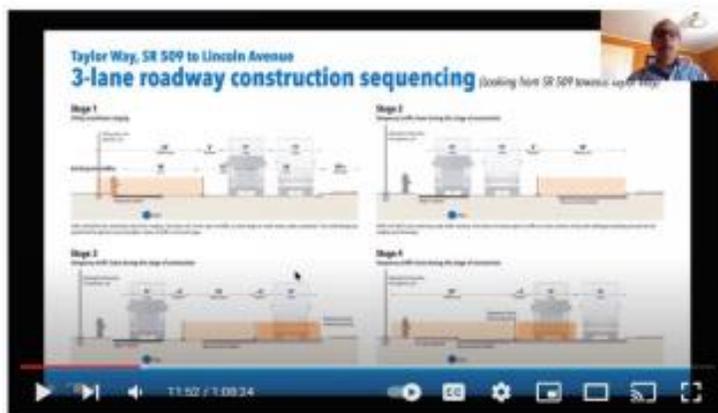
- Installed Intelligent Transportation System (ITS) Infrastructure
  - Added Underground Fiber Length of Peninsula
  - Installed Blank-Out Signs at Lincoln Ave and E. 11<sup>th</sup> St
  - Replaced & Interconnected Traffic Signals, EMS Pre-emption
  - Traffic Camera System Installation (pending) at SR-509, Lincoln, E. 11<sup>th</sup> St
  - Built to Tie Into SR-167/WSDOT ITS System



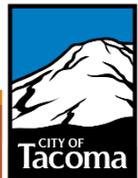
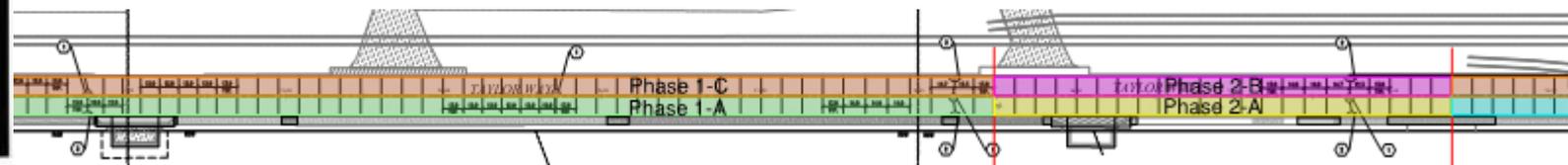
# How Did We Do It?

- Proactive Communication/Planning With the Public, Local Businesses, Port of Tacoma, WSDOT and City of Fife
- Addressed Subsurface Contamination Early
- Worked Off-Peak Hours
- Modified Paving Methods
- Planned For Contingencies

 <p>City of Tacoma Public Works Department Engineering Division 747 Market St, Room 520 Tacoma, WA 98402</p>	<p><b>Taylor Way Rehabilitation Project</b></p>	<p>For additional information on City of Tacoma Projects go to: <a href="http://cityoftacoma.org/constructionupdates">cityoftacoma.org/constructionupdates</a></p>
<p><b>Virtual Pre-Construction Open House</b> <b>Wednesday, May 27, 2020, noon – 1 PM</b></p>		<p>For additional information contact City Project Manager: Mark D'Andrea, P.E. email: <a href="mailto:mdandrea@cityoftacoma.org">mdandrea@cityoftacoma.org</a> / phone: 253-591-5518 (TTY-711)</p>
<p>Take part in a virtual open house, via Zoom webinar, to learn about the project's scope, construction timeline, contractor work hours, and detour routes. Questions can be submitted during the webinar or beforehand at <a href="mailto:mdandrea@cityoftacoma.org">mdandrea@cityoftacoma.org</a>.</p>		<p>Project Webpage: <a href="http://cityoftacoma.org/taylorway">cityoftacoma.org/taylorway</a></p>
<p>To participate in the Zoom Webinar, visit <a href="http://cityoftacoma.org/taylorway">cityoftacoma.org/taylorway</a> and click the registration link or to listen in dial 1-253-215-8782, and enter the passcode 825 9546 1825 when prompted.</p>		
<p><b>Tentative Construction Schedule:</b> June 2020 – September 2021</p>		
<p><b>Project Information:</b> Rebuild Taylor Way from the Fife/Tacoma border to East 11th Street. Widen the SR 509 intersection adding turn lanes to decrease congestion, upgrade utilities, replace traffic signals and railroad crossings and add pedestrian improvements, including a 10' wide sidewalk from SR 509 to Lincoln Avenue.</p>		
<p> The City of Tacoma ensures equal access in all of our programs, services, and activities. To request this information in an alternative format, or to request a reasonable accommodation for this event, please contact the Project Manager at the above number and e-mail.</p>		



Pre-Construction Virtual Open House for the Taylor Way Rehabilitation Project



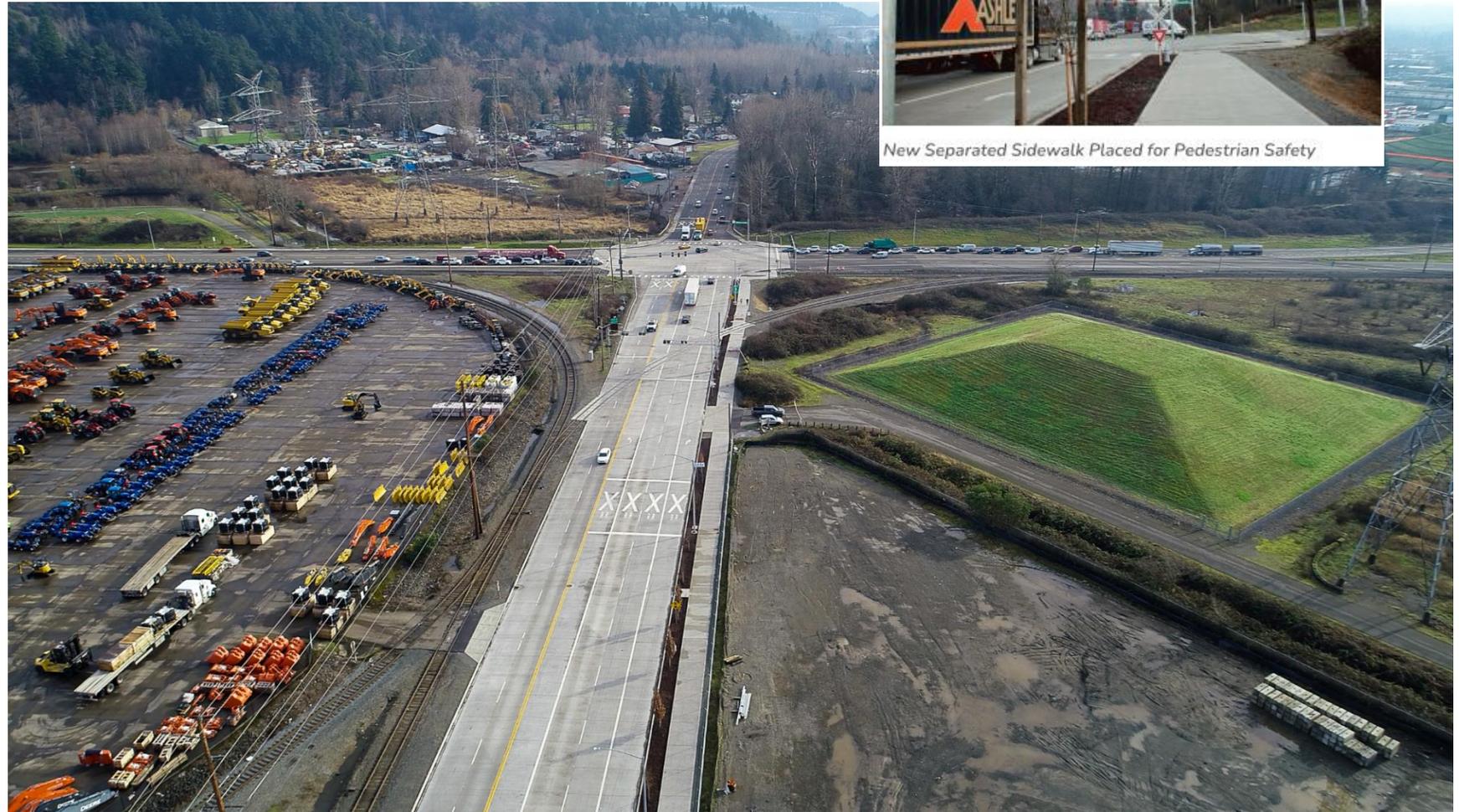
# A Work In Progress



Construction scheduled to avoid traffic impacts



ADA Compliant Ramps at Lincoln Avenue

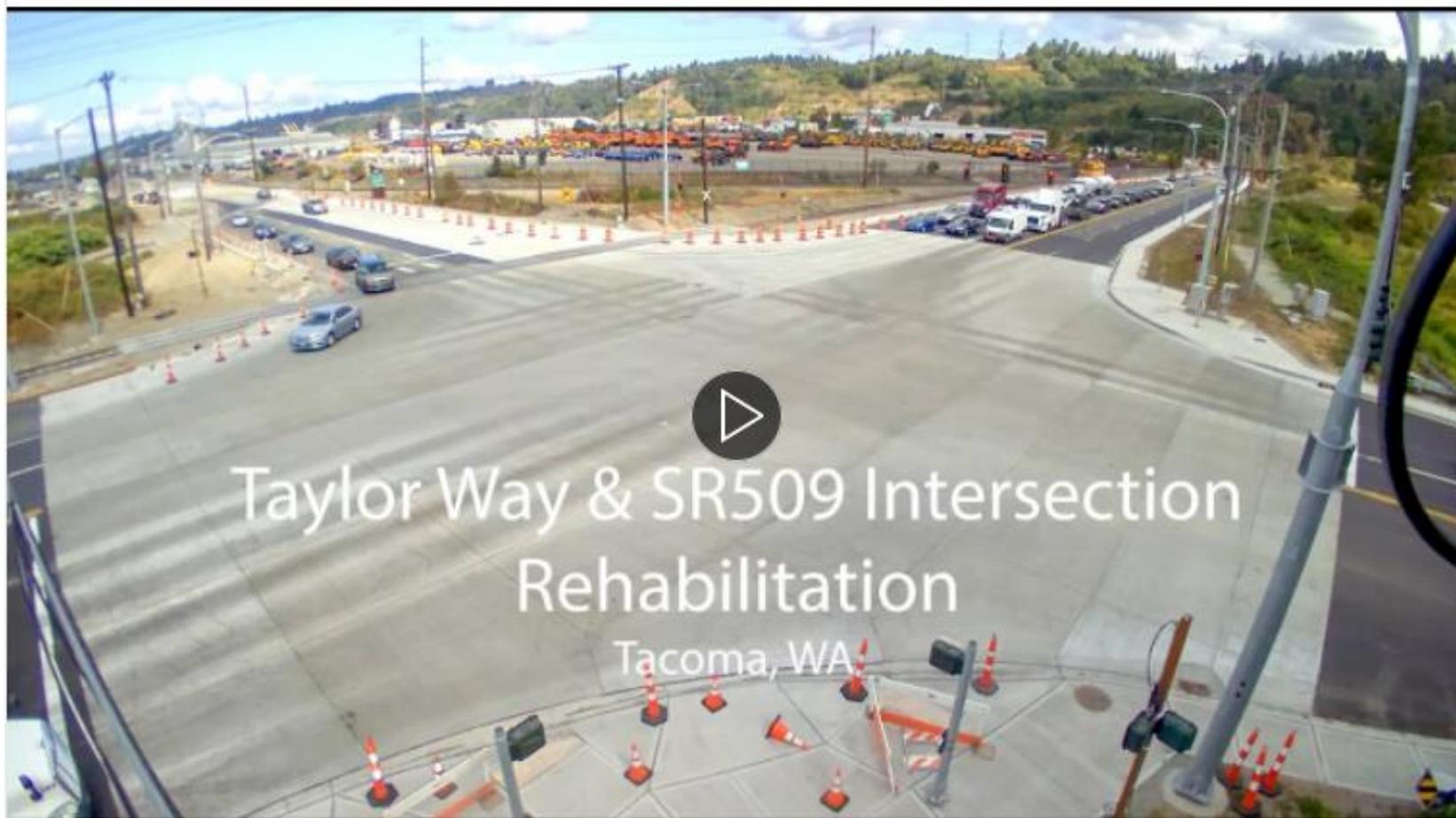


New Separated Sidewalk Placed for Pedestrian Safety

# A Work In Progress

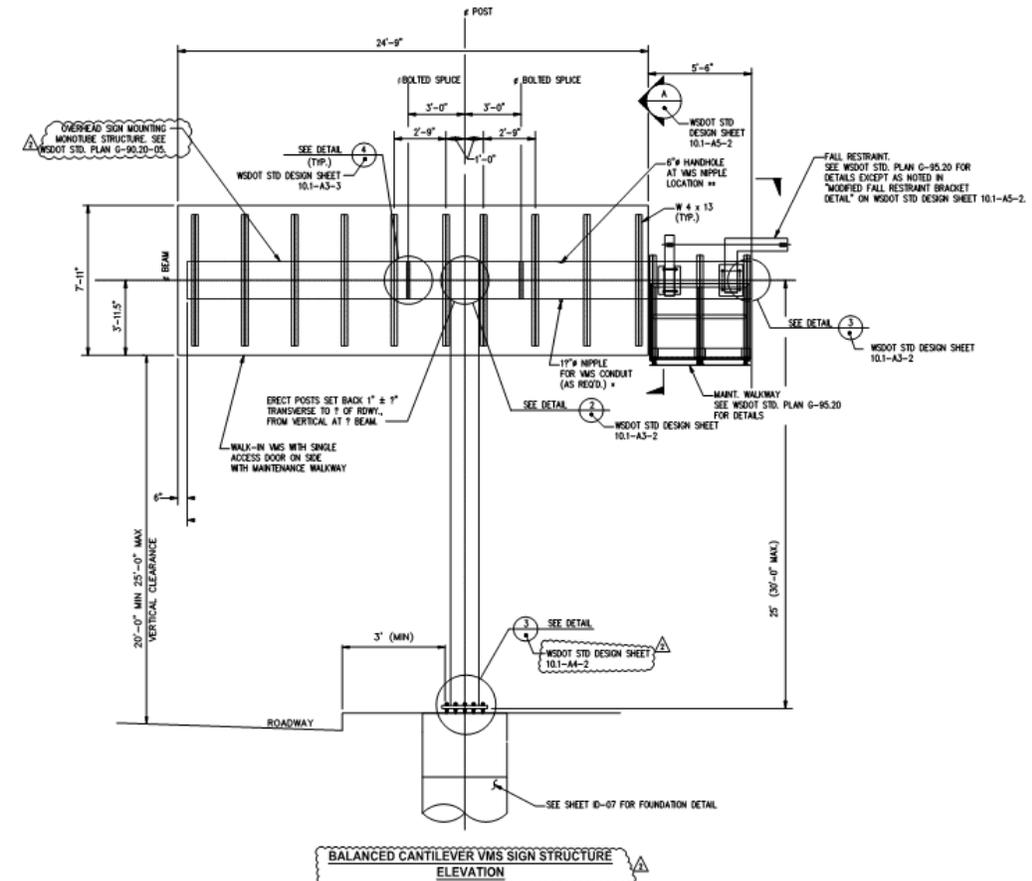


# 4 Weekends – SR-509 Intersection Construction



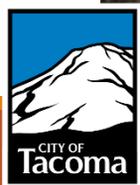
# Next Steps

- Coordinate Future ITS Improvements on the Peninsula
  - VMS Boards at SR-509
  - Rail Detection
- Pursue Grants in Support of the Tideflats/POT ITS Strategic Plan



# THANK YOU QUESTIONS?

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## **2016 PSE ILA**

- \$5.5m PSE mitigation for Taylor Way Heavy Haul and Fire Station 15
- Reasonable effort to secure funding for complete rebuild of Taylor Way
- Potential for Local Improvement District (LID) to complete \$ package

## **2020 Amendment**

- Removed LID
- Eliminated 3 at-grade crossings serving POT (~\$500k savings)
- “Last \$ in” S 500 k POT contribution for Taylor Way if needed (Not requested)

- Project cost increased by about \$2 m due to Covid, other factors
- Project will complete all roadway improvements, all but 2 ITS elements
- POT contribution insufficient to complete remaining ITS elements:
  - Variable Message Signs at 509/Taylor
  - Train detection at at-grade crossings
- City interest in use of \$ 500k to partner with POT on new ITS project
- Truck Freight Mobility Study can help prioritize ITS projects:
  - Remaining Taylor Way ITS elements
  - Fiberoptics backbone
  - Other?