

Vancouver Area



Smart Trek Annual Program Report

At a glance

- ◆ *Annual update on program, accomplishments, and ongoing activities*
- ◆ *The program links ITS technology/infrastructure and improving operation of the transportation system through agency collaboration and planning*

VAST Agency Partners



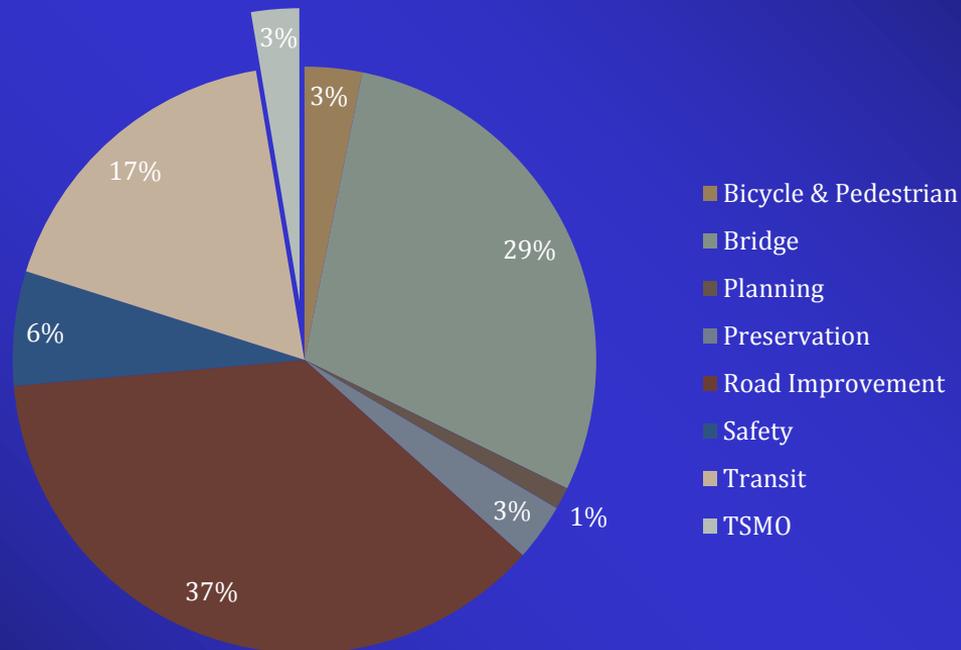
Regional Collaboration

- ◆ Supports federal requirements to develop and maintain a regional ITS architecture and CMP requirements to collaborate on operational strategies
- ◆ Partnership cooperates on ITS projects, integration, communications infrastructure and operations planning
- ◆ Partner agencies secured \$34m in federal funding over the last 17 years

Low Cost Investments



Percentage of Dollars Programmed in 2020-2023 TIP by Project Type (\$343.8m total)



Operational and Technology Projects

- ◆ Central signal system upgrades, new signal controllers, signal optimization projects
- ◆ Freeway and arterial detection, cameras, variable message signs
- ◆ Transit signal priority
- ◆ Fiber and network communications needed for connecting ITS devices and infrastructure

Evolution of the Signal System

2016

Clark County

ATMS central control

Washington State Department
of Transportation

'Other' central control

City of Vancouver

ATMS central control

Battle Ground

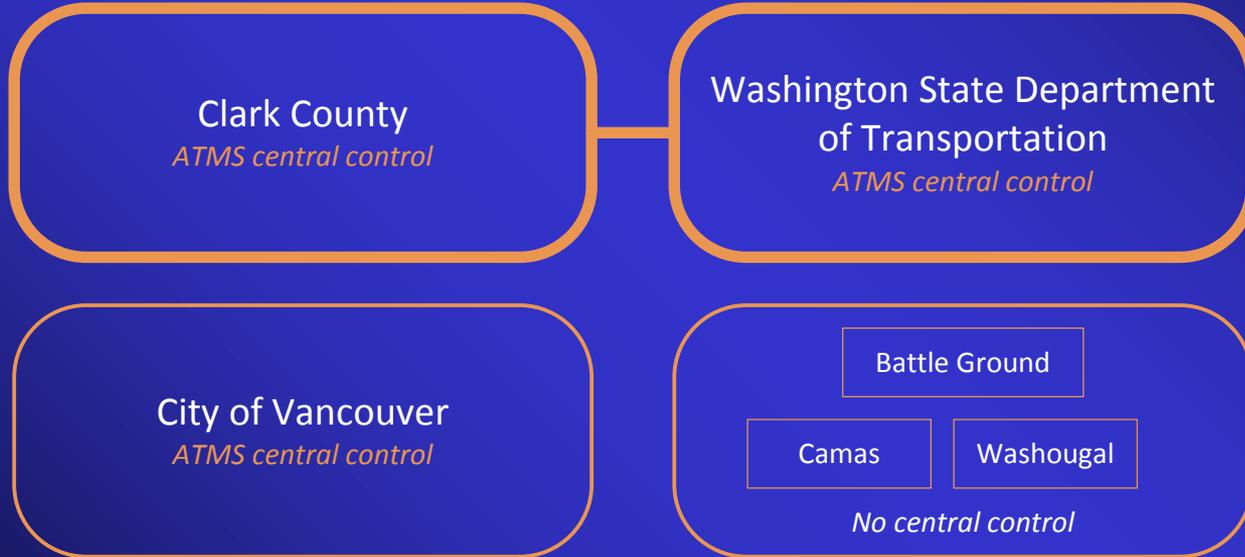
Camas

Washougal

No central control

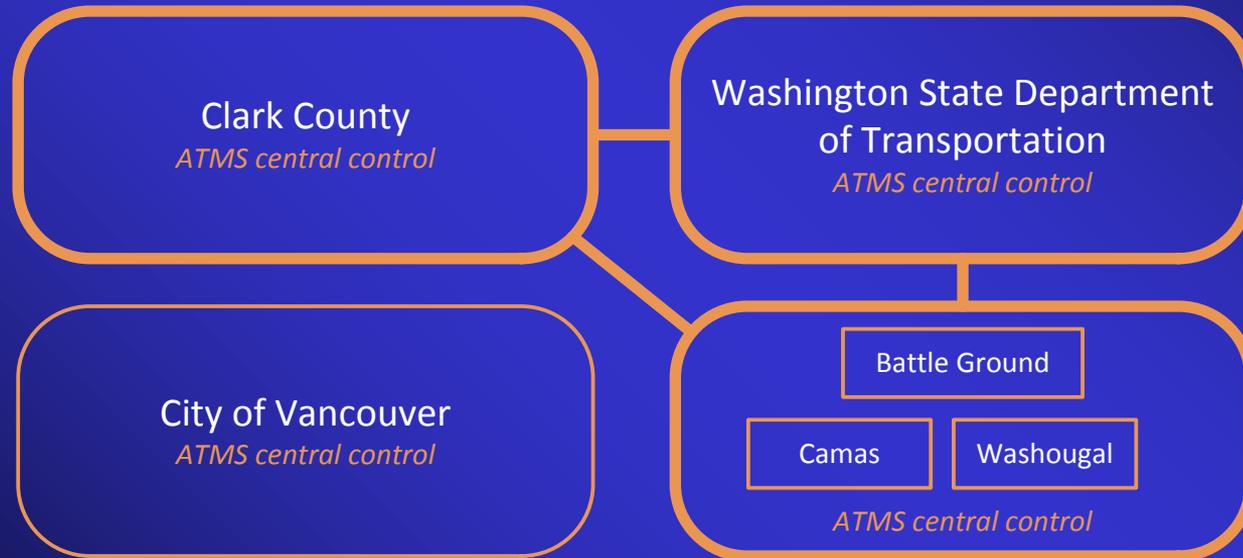
Evolution of the Signal System

2018



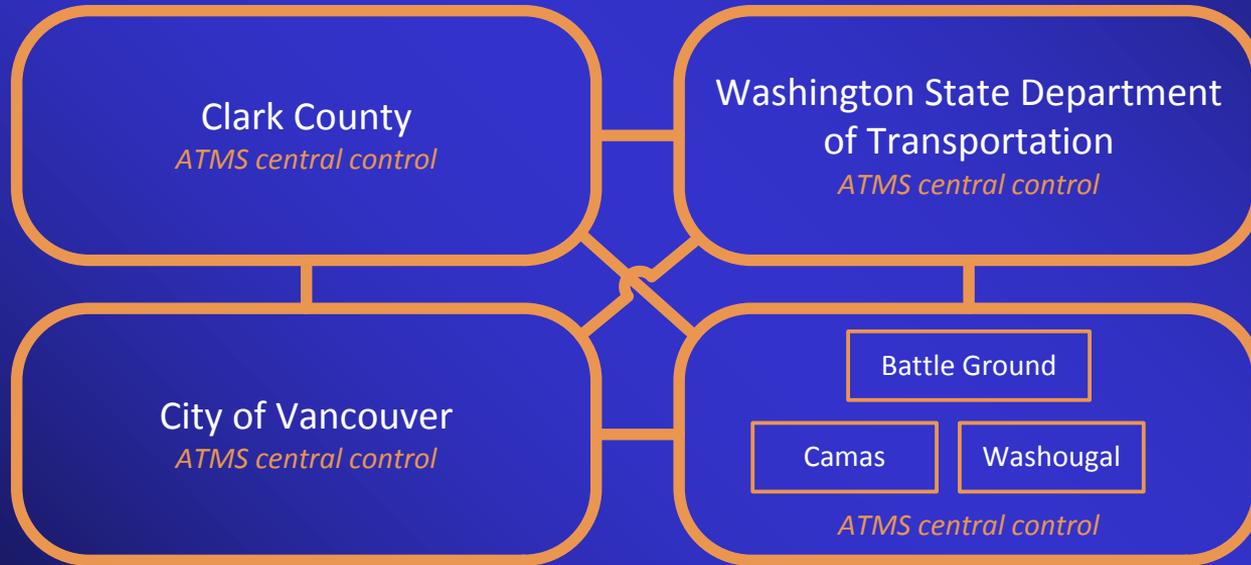
Evolution of the Signal System

2020



Evolution of the Signal System

2022



Emerging Issues and Trends



Support Emerging Operational Strategies

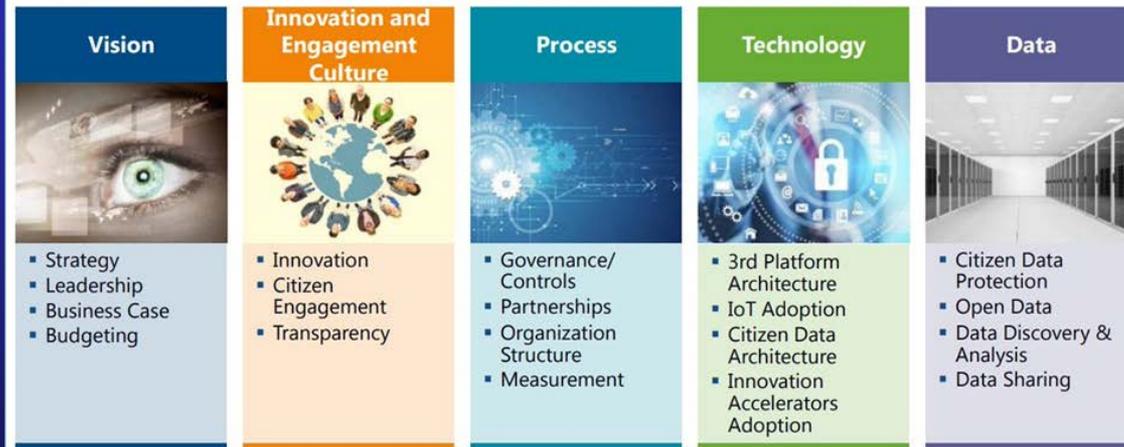
- ◆ The SR-14 expansion project will include peak shoulder running westbound from 164th to I-205
- ◆ WSDOT, ODOT and C-TRAN are planning Bus on Shoulder on the Glenn Jackson Bridge from SR-14 to Airport Way during the Interstate Bridge Trunnion repair project in September 2020
- ◆ WSDOT will be constructing ramp meters and variable speed signs on I-5 south from 78th Street to the Interstate Bridge to open in summer 2020 prior to the I-5 closure
- ◆ WSDOT and C-TRAN are collaborating to construct BOS on I-5 from 99th Street to Interstate Bridge to open in summer 2020 prior to the I-5 closure

Smart Communities Assessment



- ◆ Funded jointly by Vancouver, WSDOT, Clark County, C-TRAN, and RTC
- ◆ Builds on previous VAST projects and initiatives
- ◆ Assess transportation and mobility technologies across agencies and departments
- ◆ All day workshop in early 2019

Smart City Maturity Model – The Five Dimensions & Sub-Dimensions



Questions?

