



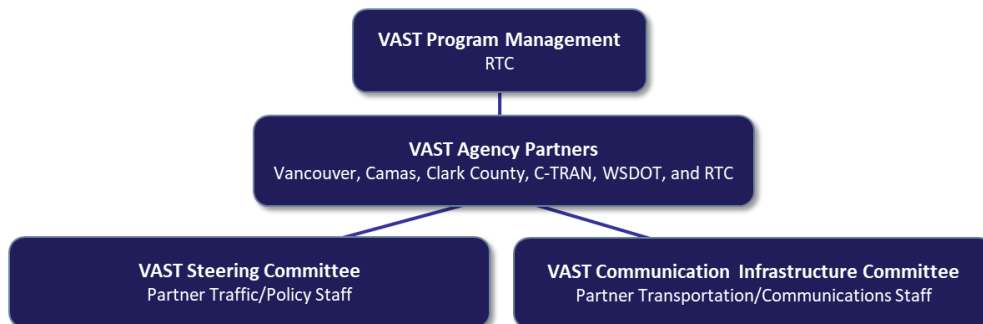
Vancouver Area Smart Trek (VAST)

Annual Program Report FFY 2024

A regional partnership of:



The VAST Program (Vancouver Area Smart Trek) was established in 2001 and is a coalition of state, regional, and local agencies that have been working actively together implementing Intelligent Transportation System (ITS) and operations solutions to address the region’s transportation needs. The VAST/TSMO Program focuses on low-cost operational and ITS technology approaches that make better use of existing transportation facilities by improving system efficiency and performance and leverages technology to manage the system without adding new roadway capacity.



The VAST Steering Committee discusses transportation operations and technology and has been both a successful collaboration and an effective way for the agencies to coordinate on project delivery, joint project funding, monitoring project development, and project integration.

The VAST Communications Infrastructure Committee (CIC)—which addresses sharing, maintenance, and standards for communications infrastructure and equipment—is made up of both transportation and communications technical staff from the VAST agencies.

FEDERAL REQUIREMENTS

The ITS element of the VAST program meets federal requirements for planning, development, and implementation of ITS projects. Federal regulation 23 CFR 940 requires that regions develop and maintain a regional ITS architecture to ensure that ITS technology projects are interoperable and that it must include participation from transportation stakeholders so that projects are coordinated and integrated.

Federal regulation 23 CFR 450.320(c) for the CMP requires that agencies collaborate to utilize operational management, demand management, transit, and ITS technology to address travel demand before adding roadway capacity.

VAST PLANS

The TSMO Plan sets the policy and performance guidelines for the consideration of regional operational strategies in Clark County. The Regional Communications Plan describes the communications and network needs. The ITS Regional Architecture provides a framework for integrating existing and planned ITS systems for transportation agencies in the region. Fiber is shared between agencies through a permit process.

Plans Update Schedule

Program Activity	Status	Next Update
TSMO Plan	2016	2026
Regional Communications Plan	2023	2028
ITS Regional Architecture	2022	2027
Fiber Sharing Permits	Current	Ongoing

VAST FUNDING

A wide range of projects to improve transportation operations and build the supporting communications and technology have been funded since the initiation of the program. These investments are a small but effective part of the overall transportation funding program. The TSMO category makes up less than 1% of the total program in the annual Transportation Improvement Program (TIP).

Recently Implemented Projects

SW Washington Region Signal System

This project will link the existing traffic signal systems of all agencies within Clark County. The project should be completed by December 2024.

SW Washington Joint Operation Center (JOC)

This project helps staff WSDOT's Operation Center to allow 24/7 operation to actively manage the regional transportation network in real-time. Funded through June 2026.

I-5 NB Fourth Plain Ramp Meter

Install signals, cameras and associated electrical work at I-5/Fourth Plain northbound on-ramp to improve I-5 NB operations. Project became operational August 2024.

I-205 Southbound 134th Street to Mill Plain Boulevard Ramp Meter

Install signals, cameras and associated electrical work on I-205 southbound on-ramps, between NE 134th Street and Mill Plain Boulevard, to improve I-205 operations. Project should be fully operational by December 2024.

Orchards Sifton Adaptive Signals

This project will add adaptive devices to county intersection in the Orchards Sifton Area. Project should be completed in 2026.

Regional Signal Timing Plans

This project will update signal timing plans along priority corridors with Clark County. This is an annual program that began in 2024.

Regional Transportation Data Archive

Local agencies have an ongoing partnership with Portland State University to archive transportation data. (<http://portal.its.pdx.edu/home/>). This is an annual program.



Programmed Projects

I-5, SR 502 to Cowlitz Way Ramp Meters

Project will install signals, cameras, and associated electrical work on I-5 on-ramps, between SR 502 and Cowlitz Way, to improve I-5 operations. Programmed to begin design in 2025 with construction in 2027.

Clark County Variable Message Signs

Improve highway operations, safety and traveler information by installing tow new variable message signs. Programmed to begin design in 2027.