

Clark County Area Centralized Signal System- Joint ATMS WSDOT

Project Completion Date: October 2018

Project Information

RTC funding: **\$ 149,000**

Project Type: **TSMO / Traveler Information**

Project Length: **Varies**

Function Class: **Urban Principal Arterial**

Daily Traffic Volume: **Varies per state route 32,000 min.**



Project Description

This project provides the opportunity to have a uniform and consistent Central Signal System that will connect an entire multi-jurisdictional signalized corridor for the purpose of optimal traffic management. The project will expand Clark County's licensing of the Trafficware ATMS.now System modules throughout the principal arterials in urban Clark County. It will enable WSDOT's signal systems on SR 503 and SR 500 to interface with Clark County and City of Vancouver signal system servers that can provide a wealth of real time traffic data; system failures; communicate with agency Traffic Management Centers; and request call-outs for immediate maintenance. It will allow for real time signal system timing and coordination across agencies.

Project Benefits

- The ATMS integrated system will provide for improve traffic data to allow traffic managers to modify signal timing that will optimize corridor traffic flow at any given time of day.
- Coordination and integration of the region's traffic signals will provide uniformity/consistency to various transportation corridors having shared jurisdictions.
- Staff time is reduced due to the easily accessed data and alerts that the ATMS automatically provides WSDOT Traffic Management Center will benefit from the array of cameras and improved signal systems communication that allow for improved traffic management of the SR 503 corridor.

Project Funding

Phase	Year	Federal Funds	Other Funds	Total
Design				
Right of Way				
Construction	2018	\$149,000	\$51,000	\$200,000
Total		\$149,000	\$51,000	\$200,000

Project Map



SR 503, Fourth Plain to Main Street ITS Device Infill WSDOT

Project Completed: January 2019

Project Information

RTC funding: \$ 307,500 CMAQ

Total Project Cost: \$ 375,000

Project Type: TSMO / Traveler Information

Project Length: 8.20 miles

Function Class: Urban Principal Arterial

Daily Traffic Volume: 32,000



Project Description

This project finalizes WSDOT's three-stage ITS Plan for infilling of traffic flow data and ATIS devices through the SR 503 corridor between Fourth Plain Blvd and NE 219th St in Battle Ground. Installations included traffic cameras, traffic detection devices, and needed communications assets that will provide corridor wide managed/optimized signal systems, and improved accuracy of corridor travel time information.

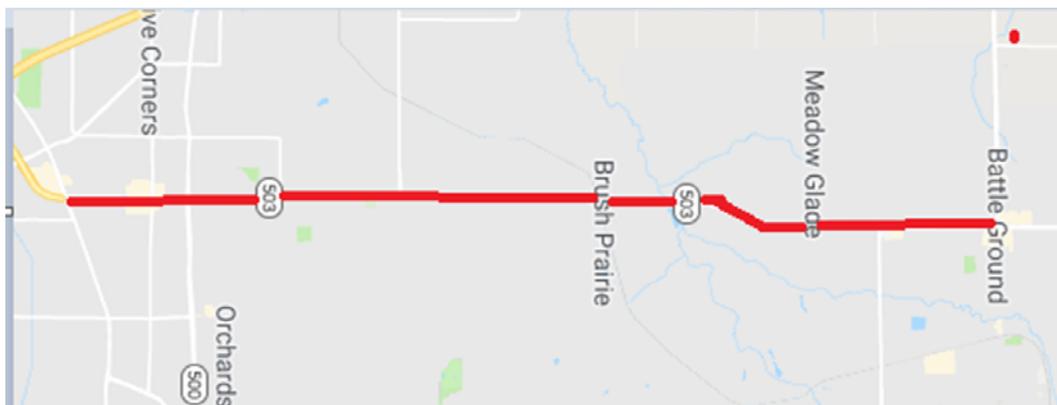
Project Benefits

- The project provides additional traffic data devices that allow for more accurate travel time information on the newly installed variable messages sign and WSDOT website.
- Provides travelers with real time travel information to select the most optimal route on their daily commutes in this corridor.
- WSDOT Traffic Management Center will benefit from the array of cameras and improved signal systems communication that allow for improved traffic management of the SR 503 corridor.

Project Funding

Phase	Year	Federal Funds	Other Funds	Total
Design	2016	\$32,800	\$7,200	\$40,000
Right of Way				
Construction	2018	\$274,700	\$60,300	\$335,000
Total		\$307,500	\$67,500	\$375,000

Project Map



Port Connector Bike/Ped Path

Port of Vancouver USA

Project Completed: July 2019

Project Information

RTC funding: \$ 560,800
 Total Project Cost: \$1,456,214
 Project Type: Bike/Ped Trail
 Project Length: 0.33 miles
 Function Class: Principal Arterial
 Daily Traffic Volume: 9,000



Project Description

The Port of Vancouver’s Port Connector Bike/Ped path connects the already constructed segments 1 and 3 of the path together. This completes a 4.5 mile separated bike and pedestrian trail from the boundary of the ports property out to Frenchman’s Bar park. This 1,750 foot trail segment keeps cyclists off the main road, (SR-501) providing a safer alternative to riding on the 45 mph heavily traveled route. The pathway also included the construction of a 450 linear foot bridge over a sensitive wetland area.

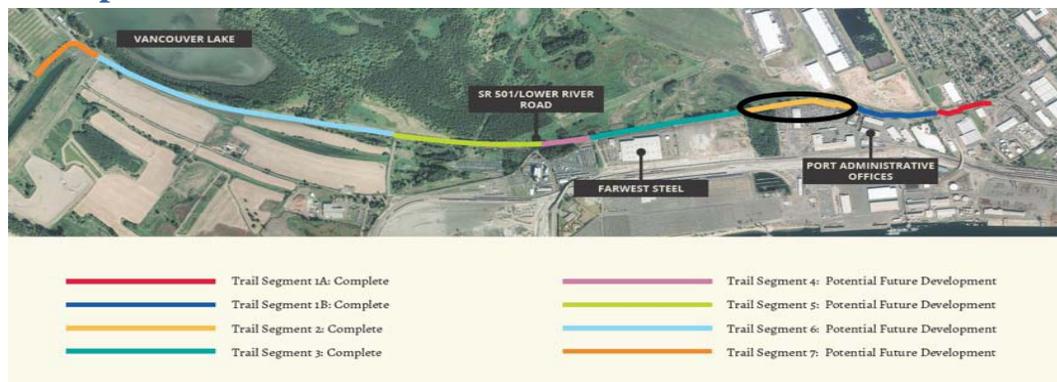
Project Benefits

- Improved safety for pedestrians and bicyclists
- Connects to existing trails
- Part of the regional trail system

Project Funding

Phase	Year	Federal Funds	Other Funds	Total
Design	2017	\$60,800	\$146,200	\$207,700
Right of Way				
Construction	2018-19	\$500,000	\$749,214	\$1,249,214
Total		\$560,800	\$895,414	\$1,456,914

Project Map



SR 14 ATIS Infill: I-5 to Evergreen Blvd

WSDOT

Project Completed: June 2019

Project Information

RTC funding: \$ 819,500 FED ITS

Total Project Cost: \$ 1,010,000

Project Type: TSMO / Traveler Information

Project Length: 3.2 miles

Function Class: Urban Principal Arterial

Daily Traffic Volume: 50,000



Project Description

This project will complete the installation of fiber optic communication lines on SR 14 between I-5 and I-205, and includes the addition of traffic data stations and traffic cameras. This will result in a comprehensive system capable of communicating traffic data for travel time signing, web sites, variable information signs, traffic volumes, traffic management and incident response.

Project Benefits

- This project provides additional traffic data devices that allow for more accurate travel time information to commuters and in reporting incidents such as Interstate Bridge lifts to the traveling public.
- Helps drivers select travel routes by providing real time traveler information and alternative route times.
- WSDOT Traffic Management Center will benefit from the added cameras and more accurate traffic data that will allow for improved traffic management on SR 14 between I-5 and I-205.

Project Funding

Phase	Year	Federal Funds	Other Funds	Total
Design	2016	\$67,000	\$23,000	\$90,000
Right of Way				
Construction	2018	\$752,500	\$257,500	\$1,100,000
Total		\$ 819,500	\$ 280,500	\$ 1,100,000

Project Map

