SR 503, Fourth Plain Blvd to Main Street – 3 Phases

1) NE 119th St to SR 502 Traveler Information; 2) Fourth Plain to Main Street ATIS Device Infill; 3) Fourth Plain to Main St ATIS Infill & and Signal Study

Washington State Department of Transportation

Project Goal:

- The purpose the SR 503, Fourth Plain to Main Street Battle Ground ATIS project was to provide a corridor wide communications and data collection system that would allow for optimal traffic signal coordination; accurate travel time information; and allow for a multi-agency jurisdiction-wide sharing of traffic information thru shared servers and communications networking.

Project Outcome

- The SR 503 ATIS Infill project provides travelers with real time travel time information and choices, both on highway signs and thru website access. The traffic cameras and variable message signs enable WSDOT to better manage traffic thru its Traffic Management Center.

Project Information

Federal Funding Program: **CMAQ**

RTC Awarded Funding: **$2,019,000**

Total Project Cost: **$2,475,000**

Project Type: **TSMO**

Project Corridors: **SR 503**

Function Classification:

Urban Principal Arterial

Project Description

This project completes a comprehensive SR 503 corridor ITS system that provides real time traveler information thru variable message signs and web sites; data collection stations spaced at adequate locations to collect accurate travel time information; traffic cameras that provide WSDOT's TMC with up to date images and identification of incidents; communications and shared servers with Clark County and City of Vancouver signal systems networks; and is the primary tool for use in corridor wide traffic signal system coordination & signal timing.

Project Funding

Phase	Year	Federal Funds	Other Funds	Total
PE	2014-16	$ 179,300	$ 40,700	$ 220,000
ROW				
CN	2015-18	$ 1,839,700	$415,300	$ 2,255,000
Total		$ 2,019,000	$ 456,000	$ 2,475,000

Project Outcome Details

Under a three-phased funded project, the SR 503 Fourth Plain to Main Street project competed a corridor-wide Transportation System Management and Operations plan. This project installed consistently spaced traffic detection devices for more accurate travel time data; installed two variable message signs that allow for real time travel information to drivers; and updated corridor-wide traffic signal controllers that provide improved signal coordination and a new capability to communicate directly with Clark County's traffic signal systems region-wide. This provides the means for WSDOT and Clark County to share traffic signal server information and operational capabilities such than each agency can have access to signal coordination in a joint operational effort if/when an emergency event occurs that blocks a roadway and immediate detours are needed.

Project Map