

SR 14, Traveler Information System, 164th Ave. to NW 6th Ave.;

Before / After Report

Washington State Department of Transportation



Project Information: SR 14, Traveler Information System

SE 164th Ave. to NW6th Ave.

Federal Funding Program: CMAQ

RTC Awarded Funding: \$679,375

Total Project Cost: \$1,400,000

Project Type: TSMO

Project Corridors: SR 14

Function Classification:

Urban Principal Arterial



Project Information: SR 14, ATIS Infill, I-5 to Evergreen Blvd

Federal Funding Program: FED ITS

RTC Awarded Funding: \$819,500

Total Project Cost: \$1,100,000

Project Type: TSMO

Project Corridors: SR 14

Function Classification:

Urban Principal Arterial



Project Goal:

These two combined projects complete the fully integrated traveler information system of travel times signs between Vancouver and Portland, integrating the SR 14, I-5, I-205 and I-84 corridors to provide travel alternatives based on real time travel time information.

Project Description

This is a combination of two projects that were originally planned as one. The projects were divided in the early-2010's when the I-5 to Evergreen Blvd portion was scheduled to be included in the now-dormant I-5 Columbia River Crossing Bridge Replacement project. The SE 164th Ave to NW 6th Ave portion went out for construction around the time that the CRC project shut down, leaving a gap in the SR 14 corridor ITS infrastructure. In 2018, the I-5 to Evergreen portion went out to contractor bids and was constructed in 2019.

These two projects consists of the installation of fiber optic, data collection units, cameras and electronic travel time signs. This will result in a comprehensive system on SR 14 capable of communicating traffic data for travel time signing, WSDOT's traveler information web site, variable message signs, as well as data on traffic volumes, incidents, and information to the Traffic Management Center and communications with Incident Response vehicles in the area.

This project completes an integrated travel time system in the greater Vancouver and Portland area between SR 14, I-5, I-205 and I-84.

Project Funding: SR 14, Traveler Information, SE 164th Ave to NW 6th Ave

Phase	Year	Federal Funds	Other Funds	Total
PE	2015-17	\$ 73,000	\$ 27,000	\$100,000
ROW				
CN	2015-17	\$ 606,375	\$693,625	\$1,300,000
Total		\$679,375	\$720,625	\$1,400,000

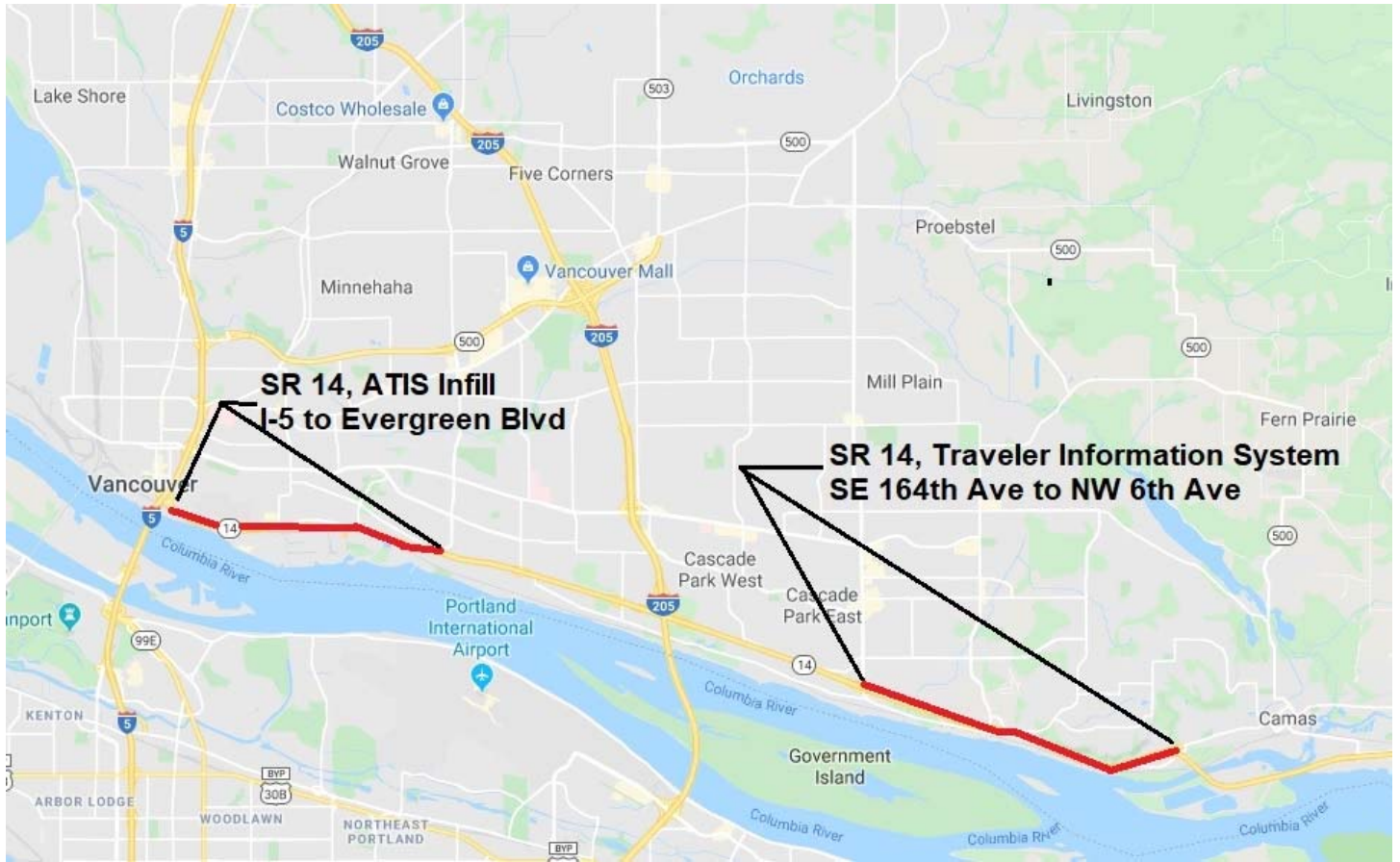
Project Funding, SR 14, ATIS Infill, I-5 to Evergreen Blvd

Phase	Year	Federal Funds	Other Funds	Total
PE	2015-17	\$ 67,000	\$ 23,000	\$90,000
ROW				
CN	2017-19	\$ 752,500	\$257,500	\$1,010,000
Total		\$819,500	\$280,500	\$1,100,000

Project Outcome

Washington drivers can now access an integrated system of real time travel time signing and web sites that provide them with travel route choices based on accurate timelines collected from traffic data stations throughout the Portland/Vancouver I-5, I-205 and SR 14, and I-84 corridors. The SR 14 Travel Time Sign provides timelines on two alternative routes to downtown Portland via I-5 or I-205. This will allow for improved reliability of trip travel planning, reduce congestion when incidents occur; and reduce crashes by providing drivers with notifications of travel times and alternative routes to avoid a corridor that is experiencing an incident or heavy traffic.

SR 14 projects Vicinity Map:



Comprehensive Portland / Vancouver Travel Time Sign Map

I-5/I-205 Bi-State Travel Time Signage

