

Tacoma/Pierce County HOV Program

ANNUAL REPORT

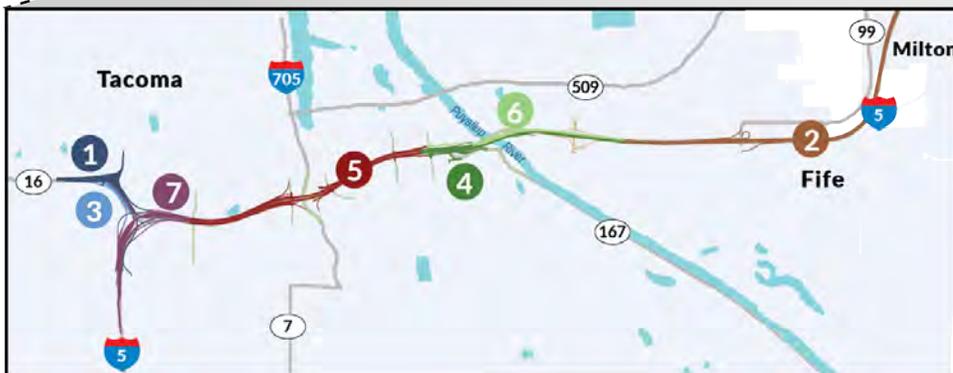
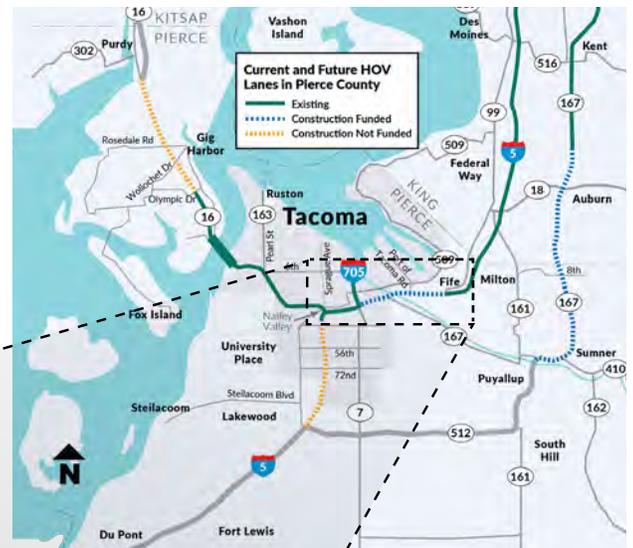
PURPOSE OF THIS REPORT

The financial and schedule information in this document is intended to assist the Office of Financial Management in meeting its legislative reporting obligations for mega-projects pertaining to Section 604 of Engrossed Substitute House Bill 1094.

PROGRAM DESCRIPTION

The Tacoma/Pierce County HOV Program encompasses numerous projects to build high-occupancy-vehicle (HOV) lanes and make other improvements on state highways in Pierce County. As part of this program, in 2007 WSDOT opened its first HOV lanes on State Route 16, and in 2010, WSDOT opened the first I-5 HOV lanes in Pierce County. In addition, WSDOT has already completed several projects to prepare for future HOV construction on I-5 and SR 16.

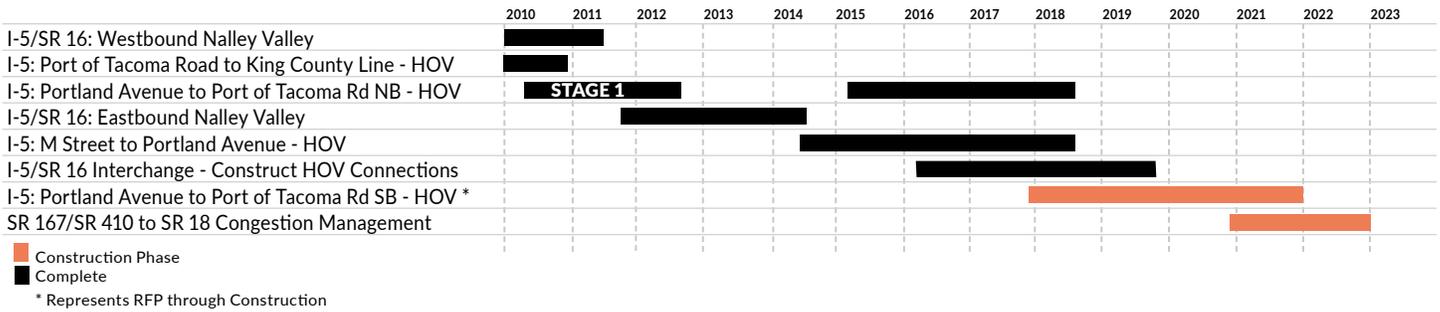
The map below shows the current status of the Tacoma/Pierce County HOV Program. These seven projects add 18 HOV lane miles to I-5 and SR 16, and connect to WSDOT’s HOV system north of Pierce County. Construction on projects #1, #2, #3, #4, #5 and #7 are complete and those roadway facilities are open to traffic. Project #6 is under construction. The schedule on the following page shows the program’s construction timelines. These projects represent a \$1.6 billion investment in state highways within Pierce County.



HOV Active Projects Map

- 1 I-5/SR 16: Westbound Nalley Valley (complete)
- 2 I-5: Port of Tacoma Rd to King County - HOV (complete)
- 3 I-5/SR 16: Eastbound Nalley Valley (complete)
- 4 I-5: Portland Avenue to Port of Tacoma Road - Northbound HOV (complete)
- 5 I-5: M Street to Portland Ave - HOV (complete)
- 6 I-5: Portland Avenue to Port of Tacoma Road - Southbound HOV (under construction)
- 7 I-5/SR 16: HOV Connectors (complete)

ACTIVE PROJECT SCHEDULE AND CONSTRUCTION PROGRESS

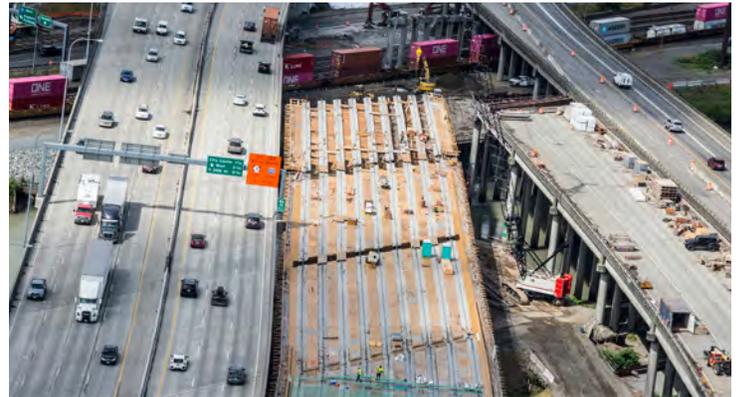


The above timeline highlights the construction schedules for the funded projects within the Tacoma/Pierce County HOV Program.

I-5 bridge construction over Puyallup River continues with Southbound HOV project

In January 2019, design build contractor Guy F. Atkinson Construction began work on the last fully funded HOV project in Tacoma. Over the past year, a new southbound I-5 Puyallup River Bridge has started to emerge next to the new northbound I-5 Puyallup River Bridge. This fall, the contractor will complete installing the bridge girders that span both the Puyallup River and the rail lines. The longest girder has a length of 223 feet and holds the record as the longest prestressed concrete girder manufactured in the U.S. The project also:

- Widens I-5 from East McKinley Way to Portland Avenue to add an auxiliary lane.
- Replaces existing concrete on both directions of I-5 from McKinley Way to Portland Avenue;
- Removes and replaces the East L Street overpass that crosses I-5,
- Demolishes the old northbound and southbound bridges spanning the Puyallup River;
- Opens HOV lanes in both directions of I-5 from Fife to Tacoma, providing a complete HOV system that extends from SR 16 in Gig Harbor to I-5 into Seattle and points beyond.



Construction crews shifted southbound I-5 traffic into a temporary configuration, allowing them to build the new southbound I-5 Puyallup River Bridge in Tacoma.



New retaining wall and widening on northbound I-5 in Tacoma.

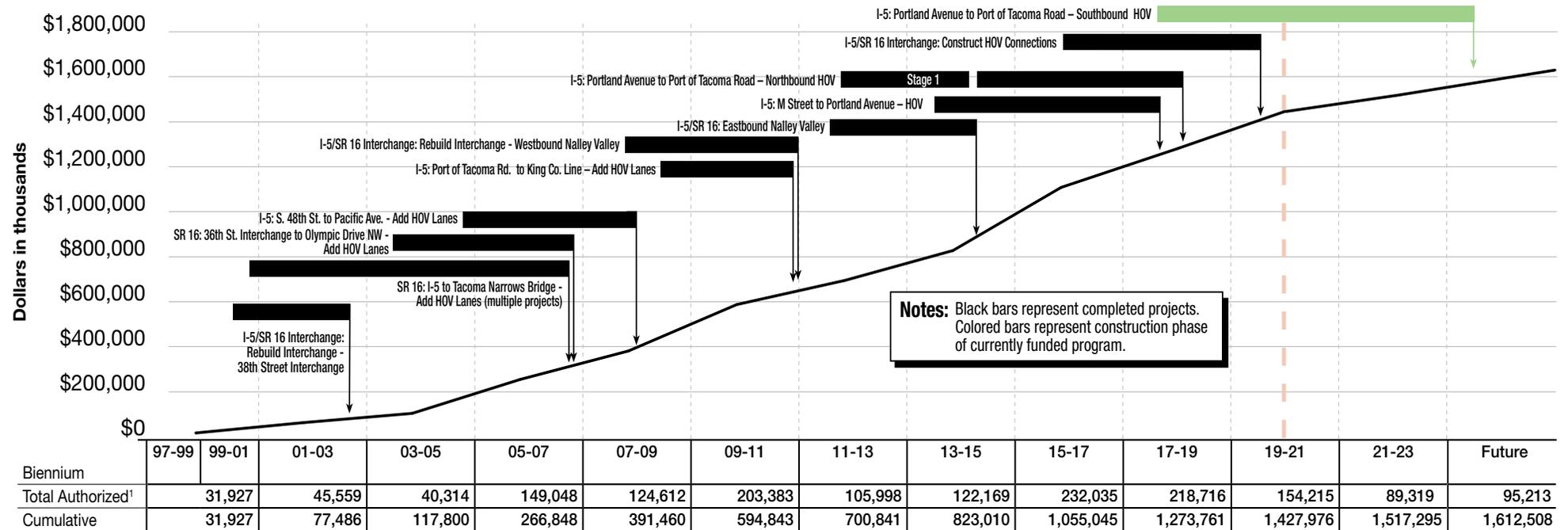
I-5/SR 16 HOV connections complete

Design-build contractor Skanska finished building connecting HOV lanes between I-5 and SR 16 at the end of 2019, several months ahead of schedule. This was the third and final project that widened the I-5 and SR 16 Nalley Valley interchange.



Funded Tacoma/Pierce County HOV Program Budget

The overall Tacoma/Pierce County HOV Program is composed of projects located on I-5 and SR 16. Total funds available for the program to date are \$1.6 billion. The funds for the HOV projects located on the I-5 corridor are managed within one overall umbrella budget identified by a “BIN,” or budget item number. Within that BIN, T/PC HOV managers are responsible for managing expenses and delivering the program on time and within budget. The chart below illustrates completed HOV projects (indicated in black) and the currently-active projects (indicated with colored bars), along with allocated and cumulative funding identified for the program.



Notes: Black bars represent completed projects. Colored bars represent construction phase of currently funded program.

Active HOV Projects Listed by Ad Date ¹	Ad Date	Operationally Complete	Project Budget ¹
I-5: M St to Portland Ave - HOV	3/31/14	10/18	\$185 million
I-5: Portland Ave to Port of Tacoma Rd - NB HOV	9/22/14	9/18	\$253.7 million
I-5/SR 16 Interchange: Construct HOV Connections	2/1/16	11/19	\$161.1 million
I-5: Portland Ave to Port of Tacoma Rd - SB HOV	1/4/18	10/23	\$219.2 million

¹Budget numbers represent the 6/2020 current delivery plan and include preliminary engineering, right-of-way and construction.

Future Projects

The previous pages have highlighted constructed projects and current active projects within the Tacoma/Pierce County HOV Program. WSDOT's Puget Sound Freeway HOV System included four additional projects within the Tacoma/Pierce County HOV Program that up until 2019 were unfunded for either design or construction. Item C, listed below, is now funded and advanced as described below.

- A** *SR 16 - Olympic Drive Interchange to Purdy - HOV Lanes*
Would extend HOV lanes north from Olympic Drive interchange to Purdy. Would widen SR 16 to provide HOV lanes.
- B** *I-5/SR 512 Interchange to SR 16 Interchange - Core HOV*
Would complete the I-5 Core HOV lanes to the SR 512 interchange. Would complete ultimate configuration of 38th Street interchange. Would reconstruct 56th Street interchange and replace 48th Street bridge. Would replace 72nd Street and 84th Street bridges, and reconstruct 72nd Street and 84th Street interchanges.
- C** *SR 167/SR 410 to SR 18 - Congestion Management*
Project 1 builds a northbound HOV lane from SR 410/SR 512 to SR 18. Project 2 completes the express toll lane (ETL) extension by converting the HOV lane to ETL. A third project will extend the southbound SR 167 ETL from Jovita Boulevard to the SR 410/SR 512 interchange.
- D** *I-5: SR 512 Interchange*
Would improve I-5/SR 512 interchange, widen 96th Street bridges and replace Steele Street Bridge. Would prepare for HOV lanes on I-5 in the area.



More than HOV Lanes

Along with HOV lanes, projects in the Tacoma/Pierce County HOV Program provide other improvements:

- **Safety** – More merge lanes, wider shoulders, improved ramp alignment and curves, and improved lighting.
- **Traffic and Operations** – Improved mobility - more highway capacity, better roadway alignments, relocating ramps.
- **Environmental Stewardship** – Enhanced and/or expanded wetlands, improved methods to treat storm water runoff.
- **Intelligent Transportation Systems (ITS)** - New traffic cameras, electronic highway signs, highway advisory radio, traffic data collectors that help WSDOT monitor traffic and provide traffic information to the traveling public.

MORE INFORMATION:

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