

## Future Unfunded 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 also includes four additional projects within the Tacoma/Pierce County HOV Program that are as yet unfunded for either design or construction. These four projects, and their benefits, are 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 512 Vicinity to 15th Street SW - HOV Lanes*  
Would improve and widen SR 167, extend SR 167 HOV lanes south to Puyallup.
- 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:

[www.tacomatraffic.com](http://www.tacomatraffic.com)

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# Tacoma/Pierce County HOV Program

## ANNUAL REPORT

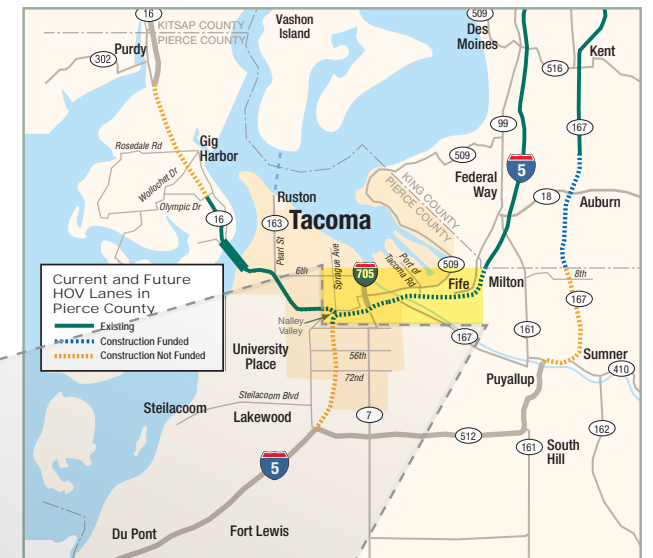
### PURPOSE OF THIS REPORT

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.

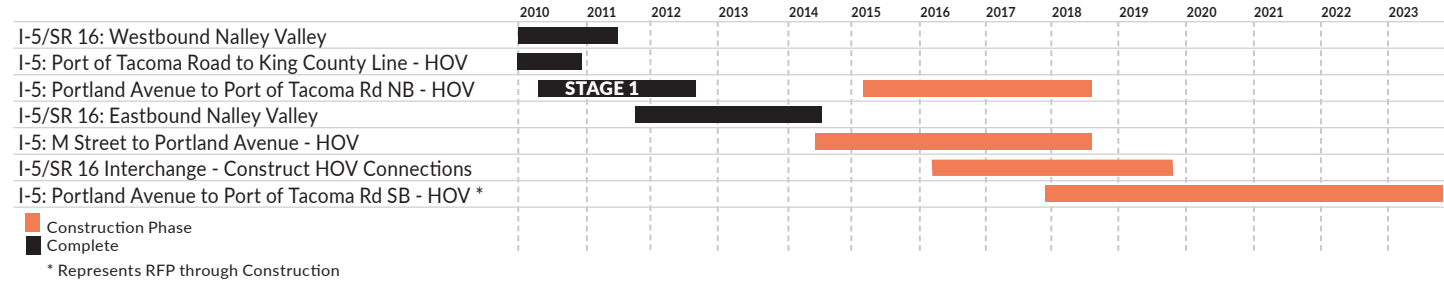
The map below shows the current status of the Tacoma/Pierce County HOV Program. These seven projects add 18 HOV lane miles to I-5 and SR 16, and connect to WSDOT's HOV system north of Pierce County. Construction on projects #1, #2, and #3 is complete and those roadway facilities are open to traffic. Projects #4, #5 and #7 are now 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.



- 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 (**near completion**)
- 5** I-5: M Street to Portland Ave - HOV (**near completion**)
- 6** I-5: Portland Avenue to Port of Tacoma Road - Southbound HOV (**in design**)
- 7** I-5/SR 16: HOV Connectors (**under construction**)

HOV Active Projects Map

# ACTIVE PROJECT SCHEDULE AND CONSTRUCTION PROGRESS



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

## Northbound I-5 bridge construction over Puyallup River wraps up; Southbound construction starts soon



The new northbound I-5 bridge over the Puyallup River is finished and open to all traffic.

The new I-5 bridge over the Puyallup River opened to all northbound traffic in May 2018. Crews are finishing storm water ponds and building the new alignment of future HOV lanes near the Puyallup River. Construction on the final funded HOV project that builds a new southbound I-5 bridge spanning the Puyallup River will begin in early 2019. The southbound project will:

- Replace existing concrete on both directions of I-5 from McKinley Way to Portland Avenue;
- Demolish and replace the L Street overpass that crosses I-5;
- Demolishes the old northbound and southbound bridges spanning the Puyallup River;
- Open HOV lanes in both directions of I-5 through downtown Tacoma, providing a complete HOV system that extends from SR 16 in Gig Harbor to I-5 north of Seattle.

## I-5 - M Street to Portland Avenue HOV project in final stage of construction



The new McKinley Way / East D Street overpass is taking shape in Tacoma. Contractor crews are finishing converting the old lanes of northbound I-5 near Pacific Avenue and McKinley Way to future northbound and southbound HOV lanes. The new McKinley Way/East D Street overpass is in its final stage of construction. This project:

- Built new overpasses at Pacific Avenue and McKinley Way / East D Street to accommodate the widened I-5 below;
- Built a new northbound I-5 bridge that spans the I-705 and State Route 7 interchange;
- Resurfaced all northbound and southbound I-5 lanes within the project.

## Construction underway to build I-5/SR 16 HOV Connections

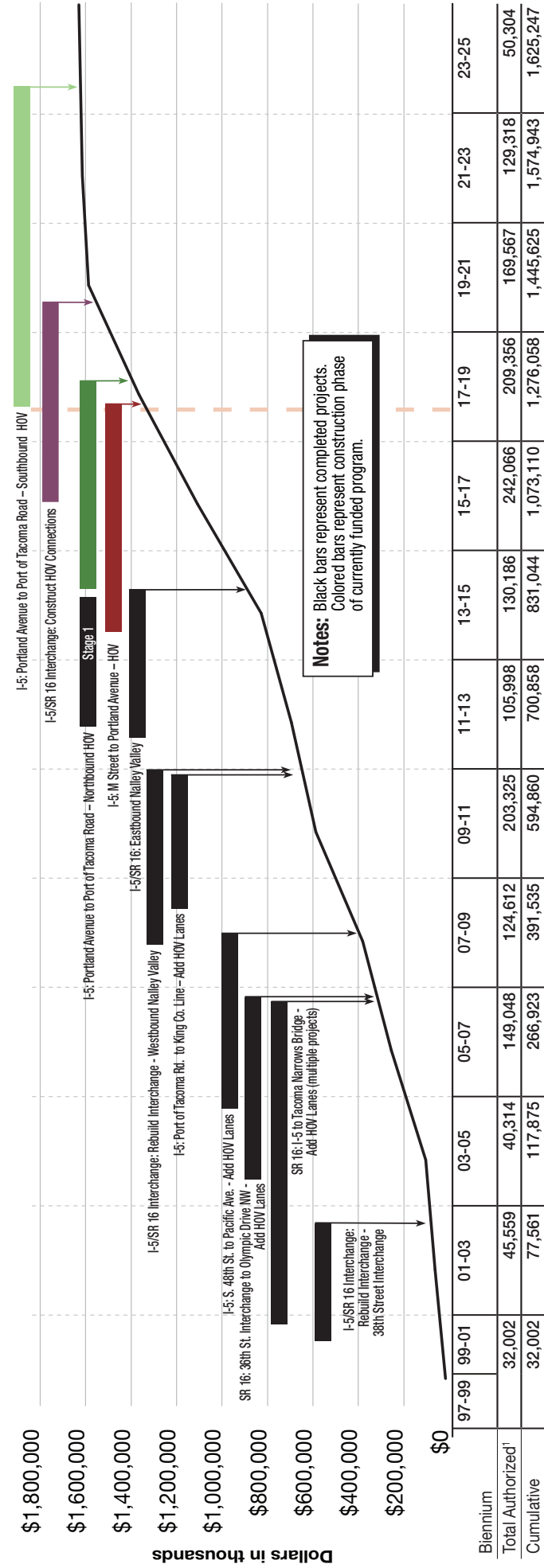


Design-builder Skanska is building new bridge piers for future overpasses for southbound I-5 and SR 16 HOV lanes.

The final project designed to improve the I-5 and SR 16 Nalley Valley interchange is halfway finished. Design-build contractor Skanska is currently rebuilding the southbound I-5 alignment and building new ramps to connect future HOV lanes between SR 16 and I-5. The work involves moving approximately 300,000 cubic yards of dirt and building three new soil nail walls to support new roadway alignments.

## 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.



## Active HOV Projects Listed by Ad Date<sup>1</sup>

Project	Ad Date	Operationally Complete	Project Budget <sup>1</sup>
I-5: M St to Portland Ave - HOV	3/31/14	10/18	\$177 million
I-5: Portland Ave to Port of Tacoma Rd - NB HOV	9/22/14	9/18	\$262 million
I-5/SR 16 Interchange: Construct HOV Connections	2/1/16	7/19	\$218 million
I-5: Portland Ave to Port of Tacoma Rd - SB HOV RFP*	12/17	10/23	\$292 million

<sup>1</sup>Budget numbers represent the 8/1/18 current delivery plan and include preliminary engineering, right-of-way and construction. \*WSDOT will apply practical design principles to the SB HOV project to reduce costs while still meeting the intent of the project (cost shown in thousands).