

# I-405 Northbound Peak Use Shoulder Lane Project, State Route 527 to Interstate 5

Northbound Interstate 405 experiences heavy congestion, especially in the Bothell area during the afternoon commute. With funding from I-405 toll revenue, the Washington State Department of Transportation plans to build new capacity between State Route 527 and I-5 to help manage congestion.

## What will WSDOT build?

The primary focus of this project is building a new peak use shoulder lane (also known as hard shoulder running) which will add new capacity for general purpose traffic. The lane will extend for about 1.8 miles between SR 527 and I-5 in the northbound direction only. WSDOT will also construct one new noise wall along northbound I-405.

## How will the peak use shoulder lane work?

Overhead lane control signs will display whether the peak use shoulder lane is open to traffic. The lane will generally be open to traffic during the peak afternoon commute (3 to 7 p.m.). Vehicles over 10,000 gross vehicle weight will be prohibited from using the lane, with the exception of buses.

## Why not open the shoulder all the time?

The shoulder is still needed for maintenance, emergency services and vehicle breakdowns. In the event of an emergency or blocking vehicle during lane operations, the peak use shoulder lane will be closed via the lane control signs until the problem is cleared.

**Estimated cost:** \$11.5 million (funded with toll revenue)

**Estimated open to traffic:** Summer 2017



I-405 northbound peak use shoulder lane visualization



The 1.8 mile peak use shoulder lane will start at SR 527 and end at I-5.

## For More Information

Anne Broache

I-405 Corridor Public Information  
600 108th Avenue NE, Suite 405  
Bellevue, WA 98004  
(425) 450-2729

[Broacha@consultant.wsdot.wa.gov](mailto:Broacha@consultant.wsdot.wa.gov)

## Project website:

[www.wsdot.wa.gov/projects/i405/peakuseshoulder/](http://www.wsdot.wa.gov/projects/i405/peakuseshoulder/)