

## What are the project benefits?

### Congestion relief

- Drivers will experience improved traffic flow and travel times on Kirkland streets from additional lanes and new traffic signals at NE 116th Street and 120th Avenue NE intersections.
- More lanes on the railroad crossing reduce congestion and enhance safety, improving access to neighborhoods and businesses.

### Safety

- New traffic signals and signage at NE 116th Street and 120th Avenue NE safely and efficiently direct traffic through the area.
- More space for vehicles on the I-405/NE 116th Street on- and off-ramps results in decreased merging and collision risks.
- Improved sidewalks for pedestrians and a bicycle lane in each direction of NE 116th Street under I-405 enhance safety for non-motorized travel.

### Other Improvements

- A new stormwater pond and drainage vaults will improve water quality.



Interchange improvements include wider sidewalks and new lighting to increase pedestrian safety.



Keep this info!

## Keeping You Up to Speed

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**Blog:** [wsdotblog.blogspot.com](http://wsdotblog.blogspot.com)

### For More Information

Visit the I-405 Project website at  
[www.wsdot.wa.gov/projects/i405](http://www.wsdot.wa.gov/projects/i405)

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Alternate Formats: Persons with disabilities may request alternative formats — large print, Braille, cassette tape, or computer disk, please call the WSDOT ADA Accommodation Hotline at 206-389-2839. Persons with hearing impairments may access the Washington State Telecommunications Relay Service at 711.

# I-405 – NE 116th Street Interchange & Street Improvement Project

## Get Ready: It's time to meet your new interchange

The Washington State Department of Transportation (WSDOT) has taken the next step towards improving how drivers get to and from I-405 in Kirkland with the I-405 – NE 116th Street Interchange & Street Improvement Project. Scheduled to open by the end of 2012, the project reduces traffic congestion and improves safety by increasing capacity to and from I-405 and adding bicycle lanes, sidewalks, and lighting.

### What's New?

During the past 18 months, crews have worked to rebuild a bridge, add lighting and bicycle lanes, improve pedestrian access, and install environmental enhancements.

Crews also reconstructed the off-ramp from northbound I-405 and the on-ramp to southbound I-405 at NE 116th Street, transforming it from a traditional interchange to a more efficient half Single Point Urban Interchange (SPUI).

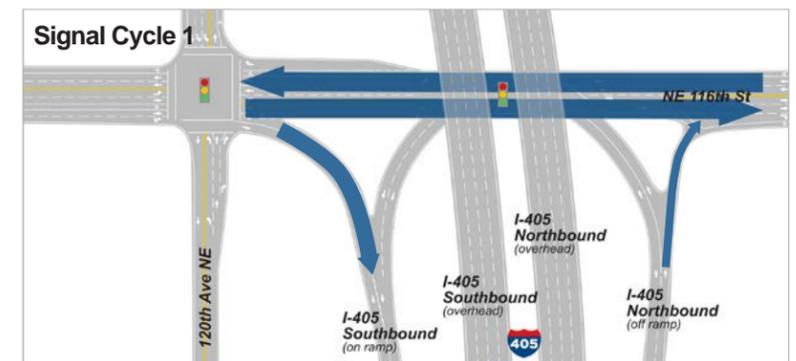
### What's a SPUI?

A SPUI (pronounced "Spooley") is an interchange designed for maximizing traffic flow. The on- and off-ramps converge at a single location controlled by one set of traffic signals at the center of the interchange. The new configuration will ease congestion to and from I-405 and improve overall safety in the area. The new interchange also smooths the turning process for large vehicles.

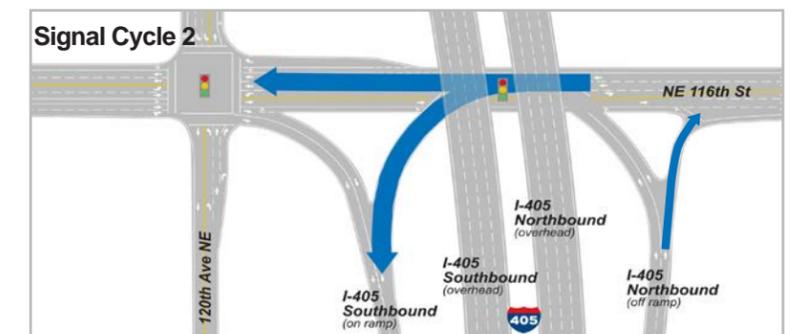
Look inside for a project timeline and a detailed diagram of the upgrades.

### How it works

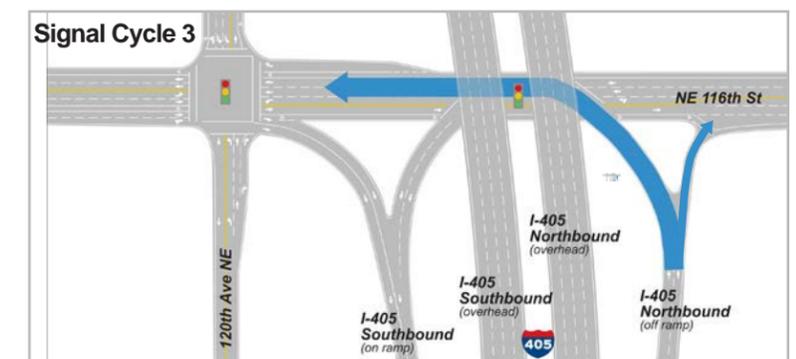
The SPUI improves traffic signal efficiency, increasing the number of vehicles that can clear the interchange with each signal cycle.



Vehicles progress in both directions on NE 116th Street and right onto southbound I-405 from eastbound NE 116th Street.



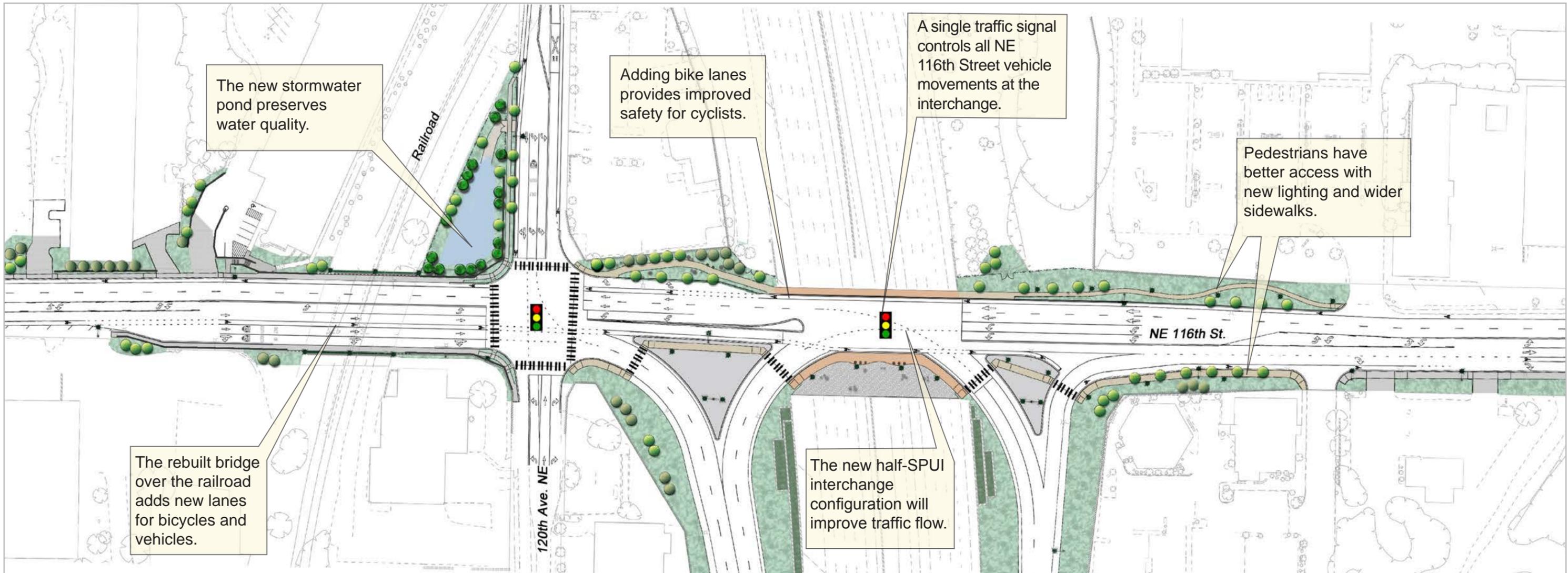
Vehicles progress along westbound NE 116th Street and left onto southbound I-405



Vehicles turn left onto westbound NE 116th Street from northbound I-405

# Introducing your new I-405 - 116th Street Interchange

Area Diagram



2010

2011

2012

2013

