WSDOT to break ground in spring 2011

Crews are scheduled to begin construction of the NE 116th Interchange and Street Improvement Project by April 2011. It's important to keep traffic moving during construction so the work will be done in phases.

First, crews will move vehicles to the south on NE 116th Street to create a work zone to the north. Crews will then remove and rebuild the north side of the railroad crossing and widen the north side of NE 116th Street.

Beginning in late 2011, crews will shift traffic onto the north side of the newly built railroad crossing and roadway. Next, they will remove and rebuild the south side of the railroad crossing. During this time, crews will begin restructuring the I-405 on- and off-ramps and other interchange improvements. The project will open to traffic in December 2012.

WASHINGTON Give 'em a BRAKE Transportation and Utility Workers

Give 'em a Break

Conditions in the area will not be ideal for drivers, bicyclists and pedestrian during construction. WSDOT will have crews at work as we rebuild the bridge over the railroad tracks, widen NE 116th Street and enhance the interchange. During construction, please be patient, slow down, and Give 'em a Brake.

Keep this info!

Keeping You Up to Speed

WSDOT on the Web:

Newsroom: www.wsdot.wa.gov/news

twitter www.twitter.com/wsdot

flickr www.flickr.com/photos/wsdot

YouTube www.youtube.com/user/wsdot

Blog: wsdotblog.blogspot.com

For More Information

Visit the I-405 Project website at www.wsdot.wa.gov/projects/i405

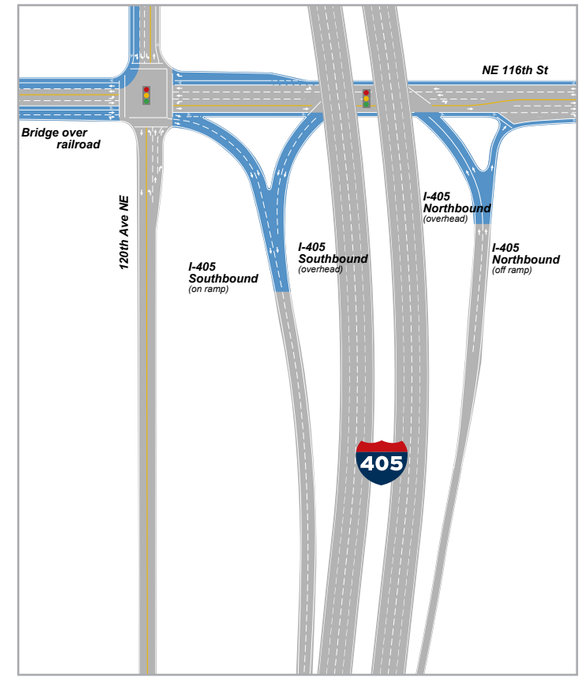
Contact: Steve Peer
Public Information
Eastside Corridor Program
425-456-8624
600 108th Ave NE
Suite 405
Bellevue, WA 98004

Alternate Formats: Persons with disabilities may request alternative formats — large print, Braille, cassette tape, or computer disk, please call the WSDOT ADA Accomodation 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

Improving safety and relieving congestion in Kirkland

The Washington State Department of Transportation (WSDOT) is taking the next step towards improving how drivers get to and from I-405 in Kirkland thanks to the I-405 – NE 116th Street Interchange & Street Improvement Project. WSDOT will reduce bottlenecks and minimize NE 116th Street backups during the morning and afternoon commute through this project, by reconstructing the interchange in Kirkland. The project also improves safety by increasing capacity to and from I-405, and adding bicycle lanes, sidewalks, and lighting.

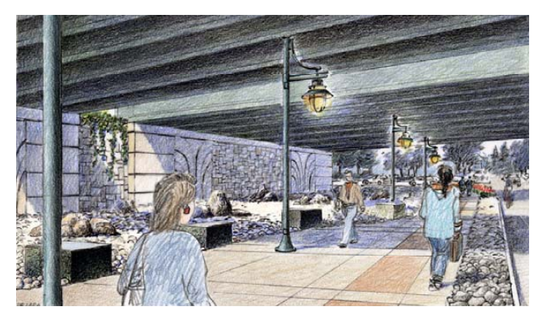


The shaded blue area shows the planned project improvements. The area shaped like a horseshoe is where the interchange improvements are located. The Interchange is designed for maximizing traffic flow from on-and-off ramps focused to a single location, controlled by one set of traffic signals in the center of the interchange.

Construction Schedule

WSDOT will begin construction on the project in Spring 2011. By December 2012, the reconfigured interchange (see image on the right) will open to traffic.

During construction, WSDOT will provide motorists, property owners, and others timely and accurate construction information to minimize the project's impacts on travel. Look inside for a project timeline, construction schedules and to learn how crews will keep traffic moving through the construction zone.



The improvements on NE 116th Street under I-405 include better lighting, wider sidewalks, and landscaping.

Putting people to work

WSDOT received $17 million from the 2003 Nickel Package to design and construct this project. The NE 116th Street Project provides living wage jobs to hundreds of Washington workers and stimulates the local economy.

What is the NE 116th Interchange & Street Improvement project?

The NE 116th Street Interchange & Street Improvement Project builds lanes on NE 116th Street and 120th Ave NE, rebuilds the bridge over the railroad, adds lighting and bicycle lanes, improves pedestrian access, plants trees and adds other environmental enhancements in the area.

The project reconstructs 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).

A SPUI (pronounced “Spooey”) is an interchange designed for maximizing traffic flow. The on- and off-ramps will 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.

What are the project benefits?

Congestion relief

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

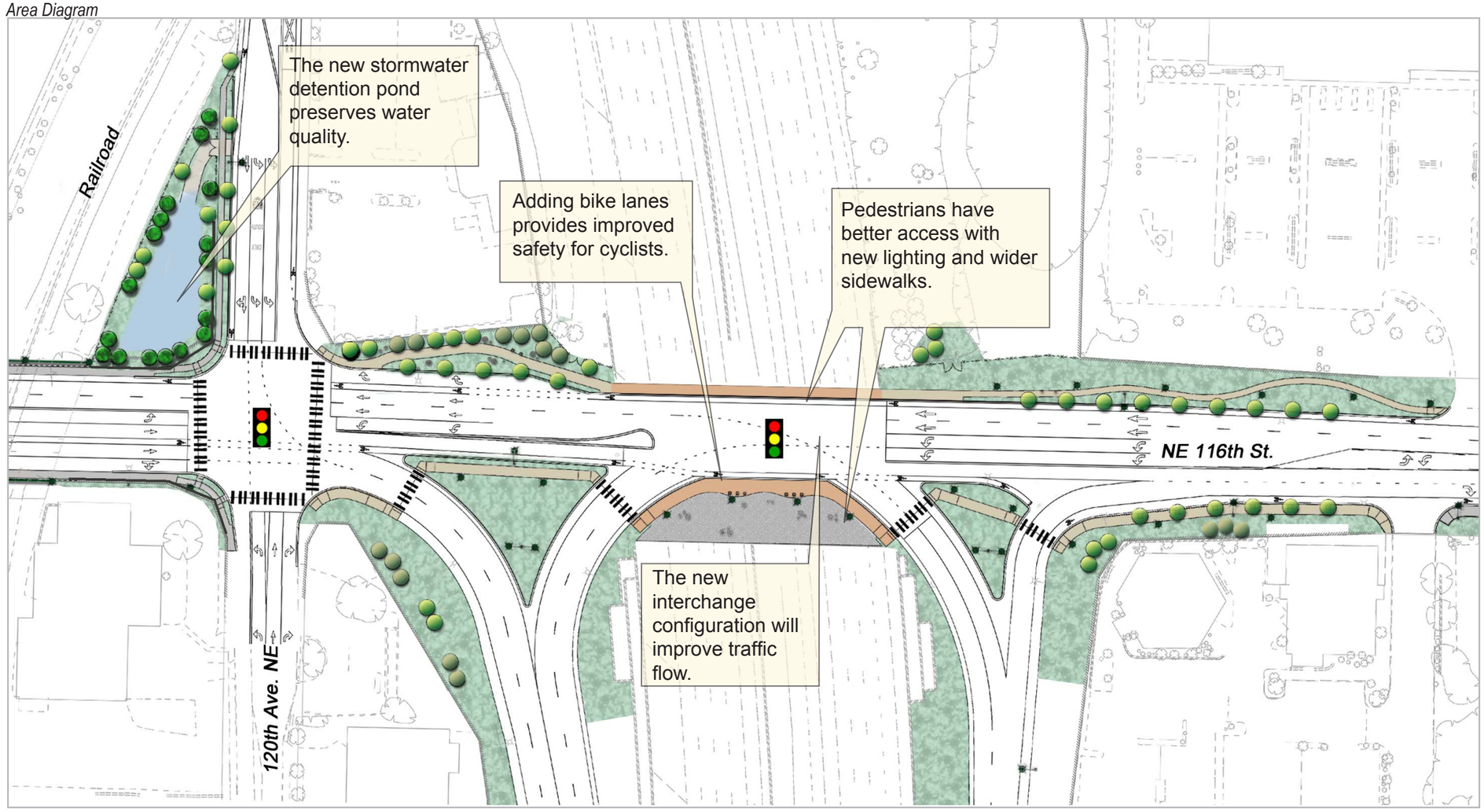
Safety

- New traffic signals and signage at NE 116th Street and 120th Avenue NE safely and efficiently direct traffic through the area.
- More room 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, improves safety for non-motorized travel.

Other Improvements

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

Area Diagram



2010 — NE 116th Street Interchange and Street Improvement Project

Design Phase

2011 — Bid Opening

Phase 1: Widen the northside of 116th St. & Railroad Crossing

2012 — Phase 2: Widen southside of 116th St. and Railroad Crossing

Complete Interchange Improvements

2013 — Open to Traffic