

# Welcome to our Eastside SR 520 construction open house



**Washington State  
Department of Transportation**



Eastside Corridor Constructors

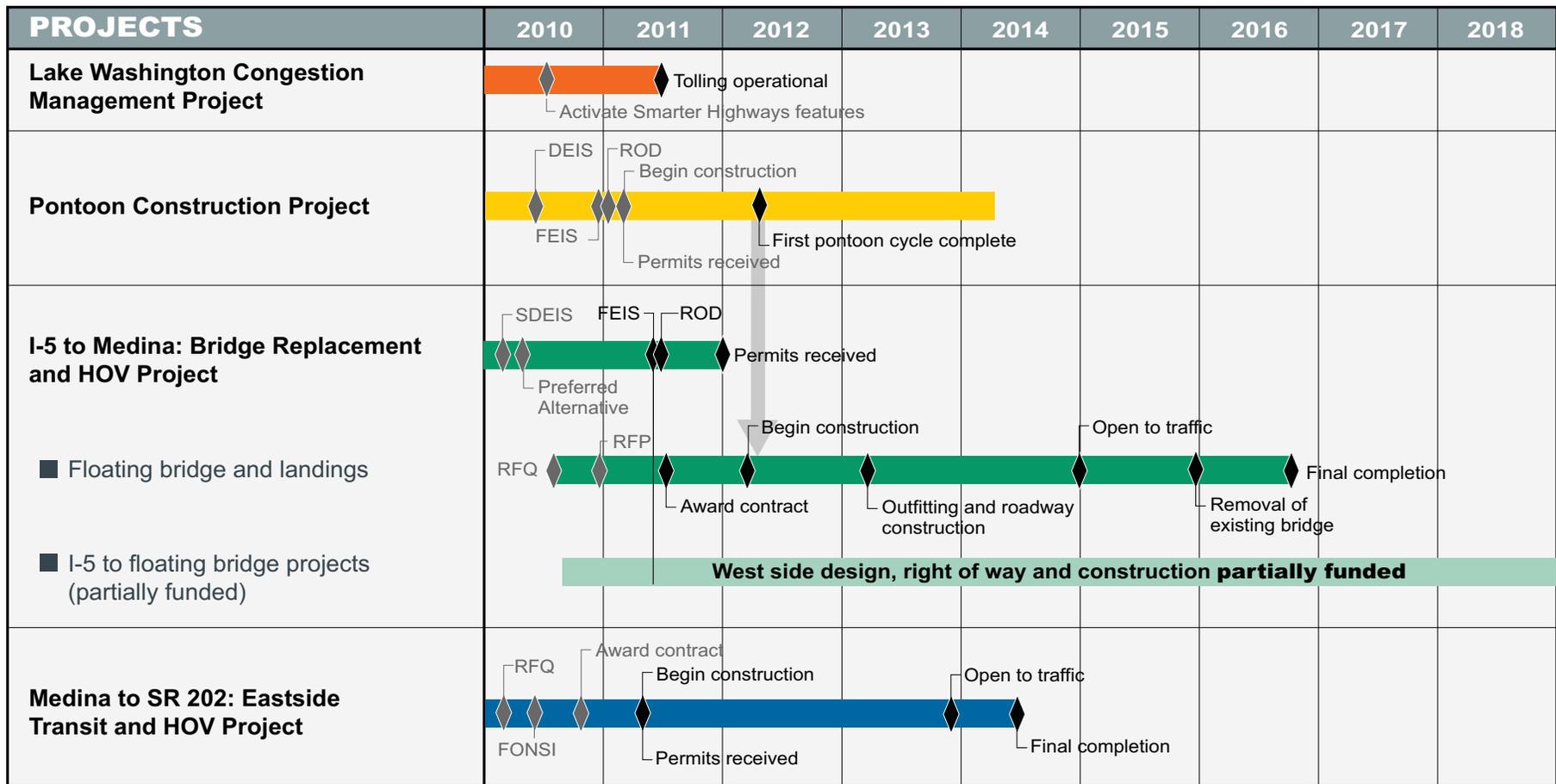
## SR 520 program overview

The SR 520 Bridge Replacement and HOV Program will replace the Portage Bay and Evergreen Point bridges and improve the existing roadway between I-5 in Seattle and SR 202 on the Eastside.

- I-5 to Medina: Bridge Replacement and HOV Project** – Replaces the SR 520 floating bridge and landings, and interchanges and roadway between I-5 and the eastern shore of Lake Washington.
- Medina to SR 202: Eastside Transit and HOV Project** – Completes and improves the transit and HOV system from Evergreen Point Road in Medina to the SR 202 interchange in Redmond.
- Lake Washington Congestion Management Project** – Implements tolls on the existing SR 520 floating bridge, and activates Smarter Highways features from I-5 to I-405.
- Pontoon Construction Project** – Advances pontoon construction to restore the floating section of the SR 520 bridge in the event of a catastrophic failure and to store those pontoons until needed.



## Program schedule

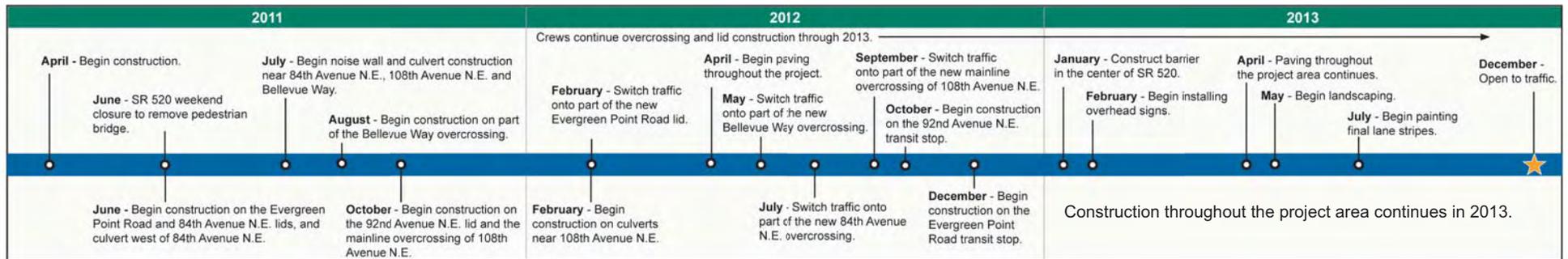


# SR 520 Bridge Replacement and HOV Program

Medina to SR 202: Easides Transit and HOV Project



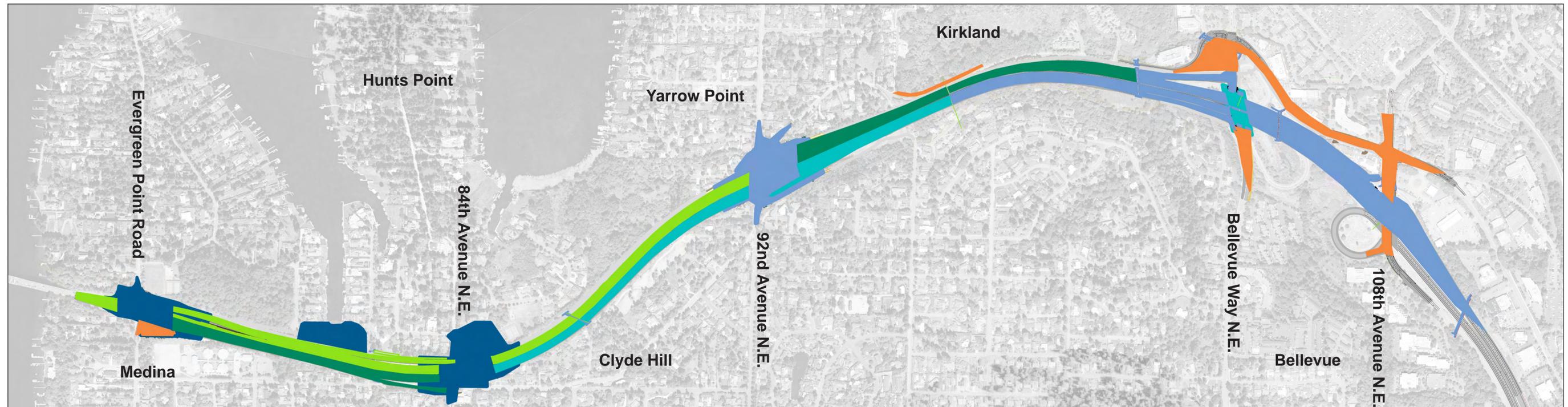
# Project schedule



For schedule updates and to follow our progress please visit [www.wsdot.wa.gov/Projects/SR520Bridge/MedinaTo202/MedinatoSR202Construction](http://www.wsdot.wa.gov/Projects/SR520Bridge/MedinaTo202/MedinatoSR202Construction)



# Construction staging



### Estimated construction start dates

- May 2011
- June 2011
- July 2011
- August 2011
- October 2011
- Early 2012

We will have multiple work zones along SR 520 starting this April. Crews will demolish and rebuild overpasses and interchanges, and widen the highway to add transit/HOV lanes. Drivers should prepare for lane and ramp closures during non-peak hours. Detours, night work and up to 20 full highway closures will occur over the next three years.

The first complete closure of SR 520 is scheduled for a weekend in June to remove a pedestrian bridge west of 84th Avenue N.E. We'll post information on our construction updates web page once we lock in our dates for work activities and full highway closures.

## Did you know?

**High Visibility Fencing (HVF)**  
helps protect the environment



*HVF is orange plastic fencing crews will install in construction zones along Eastside SR 520. HVF protects environmentally sensitive areas that cannot be disturbed during construction.*

**Temporary Erosion and Sediment Control (TESC)**  
protects water quality and wildlife



*TESC prevents or reduces the pollution of water during construction activities. This environmental practice helps to maintain healthy habitat for fish and wildlife.*

**Crews will replace eight culverts**  
with fish passable structures  
along Eastside SR 520



*Crews will replace all culverts in the project area. The new fish-passable structures will improve fish passage to habitats along Eastside SR 520.*

## SR 520 Bridge Replacement and HOV Program

Medina to SR 202: Easides Transit and HOV Project



# Did you know?



Crews will use approximately 234,000 tons of asphalt to pave SR 520 and parts of local streets. This is equivalent to the weight of 520 Boeing 747 jets.



Crews will use approximately 65,000 cubic yards of concrete to construct the project. This is equivalent to the weight of 29 Space Needles.



Crews will excavate approximately 450,000 cubic yards of dirt. This is enough dirt to fill up 45,000 dump trucks. Dirt will be reused during construction as much as possible.



Crews will use approximately 10.5 million pounds of rebar. This is equivalent to 2,000 adult elephants.

# Our commitment to the environment

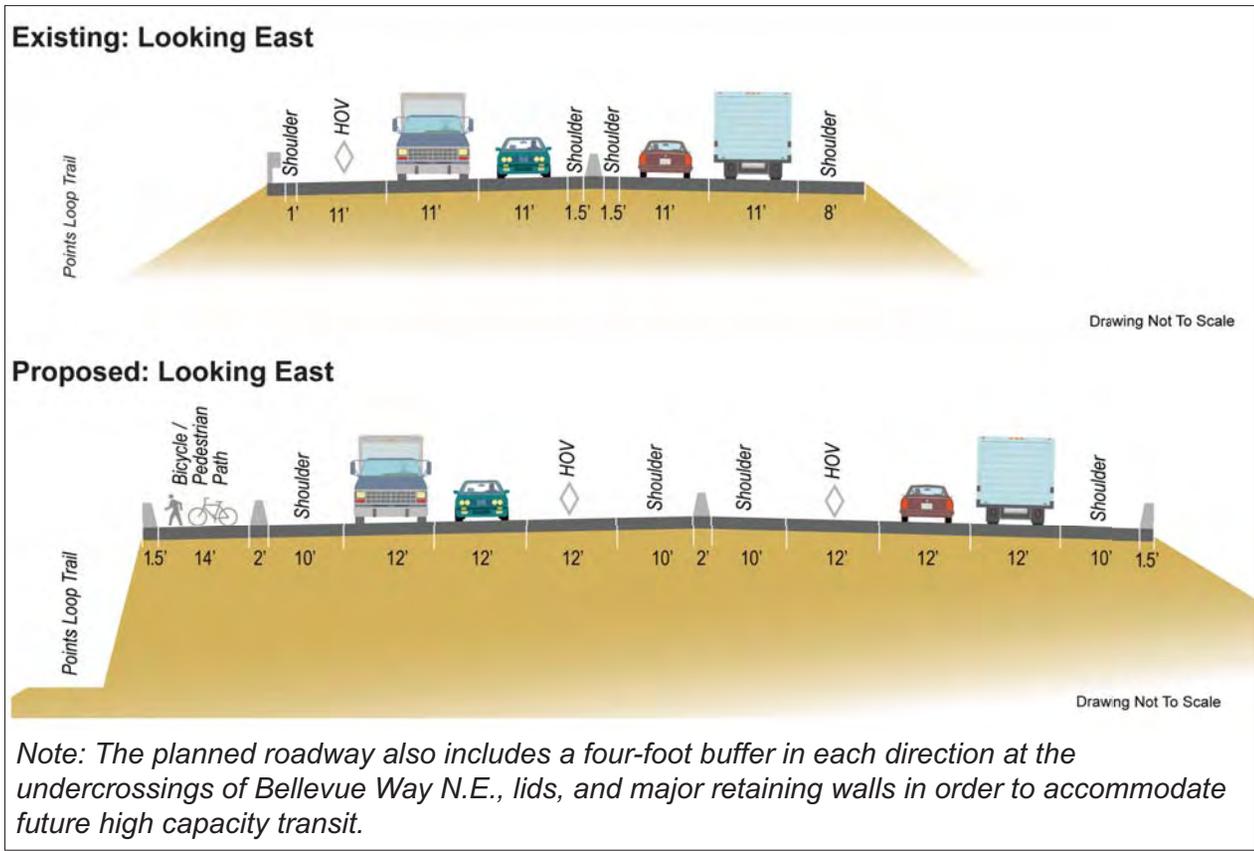


*ECC will incorporate recycling and reusing of materials into the design of the project when possible. Some materials we may reuse to build other parts of the project include rebar and crushed concrete from the existing overpasses.*

WSDOT and ECC are committed to policies and practices that support environmental stewardship goals. We will incorporate sustainable practices into the design and construction of the project. Some of our sustainability practices will be:

- Reducing harmful gas emissions by retrofitting engines, limiting construction vehicle idling, regular equipment inspections and the use of high performance fuels.
- Reducing the amount of materials that are brought into or taken off site and scheduling hauling during off-peak travel times to reduce vehicle idling in traffic.
- Recycling of materials such as trees for use in stream mitigation and crushed rock for fill.
- All team members will be encouraged to carpool to reduce congestion and emissions. We will implement a parking plan that will limit parking to designated areas off of city streets. This plan will be strictly enforced.
- All team members will receive a project-specific environmental training orientation. The orientation will train team members on procedures to protect the environment and habitat surrounding the project area.

# A safer, more efficient SR 520



WSDOT and ECC will do all they can to design and construct the project to minimize the number of trees removed to widen SR 520, however crews still have to make room for all the work to be done.

In April 2011, crews will begin clearing brush and trees to the right of way limits along the corridor to make room for transit and environmental improvements.

The improved corridor will have two general purpose lanes, one transit/HOV lane in each direction and transit stations at Evergreen Point Road and 92nd Avenue N.E.

# How are your local representatives engaged in the project?

WSDOT and ECC are working closely with cities and towns along SR 520 to ensure that the SR 520 Eastside Transit and HOV Project meets the needs of the local communities and the region.

We're working with your representatives in the following ways:

- Urban design workshop for community lids building on previous collaborations.
- Design reviews of local streets, community lids, overcrossings and trails.
- Construction permits for noise variances, work on local streets, utility relocations and other work items issued by local jurisdictions.
- Regular check-in meetings to discuss project progress and upcoming work.

You can provide input to help shape the final design of the project by contacting your local representatives.

### What is a lid?

The term "lid" refers to wide bridges that cover a highway. Lids will carry paths and trails to reconnect communities across SR 520 and create open space and places for passive recreation. They can include items such as arbors, seating and transit connections.



*An artist's rendering of the 92nd Avenue N.E. lid over SR 520.*

# Design commitments

We understand that early and frequent feedback from the public is vital to developing and constructing projects that meet the needs of the region and the communities in which we build. Our planned Eastside corridor features reflect commitments that we have made as a result of input from elected officials, local residents and other project stakeholders.

<b>WSDOT commitments</b>	<b>ECC design</b>
Complete Eastside HOV system	✓
Direct-access ramps at 108th Avenue N.E. for transit and HOV	✓
Two transit stops accessed from lids	✓
Noise walls	✓
Three lids connecting communities and providing transit connections	✓
Re-aligned interchanges at 84th Avenue N.E. and Bellevue Way	✓
Widened, landscaped Bellevue Way overcrossing	✓
Regional bicycle and pedestrian path	✓
Local trail	✓
Fish passable structures	✓
Improved stream channel habitat	✓
Stormwater treatment and detention	✓

# Re-connecting communities

WSDOT and ECC are working with the cities, towns and transit agencies along SR 520 to finalize the design of the 92nd Avenue N.E., 84th Avenue N.E. and Evergreen Point Road overcrossings. The additional stakeholder input from these meetings will help shape the final design of the connections.



*An artist's rendering of the 92nd Avenue N.E. lid over SR 520.*



*An artist's rendering of the Evergreen Point Road portal lid over SR 520.*

# How will we staff the project?



Eastside Corridor Constructors (ECC) will staff the project with a highly qualified design, construction and skilled craft workers.

ECC is committed to providing employment opportunities to local craft labor, minorities, women and economically disadvantaged individuals and firms so our workforce reflects the demographics of the area.

ECC will:

- Commit to hiring local.
- Commit to equal opportunity hiring practices.
- Subcontract to local disadvantaged and minority-owned businesses to meet or exceed the 11 percent Disadvantaged Business Enterprise goal for the project.
- Partner with local unions to help anticipate our needs for qualified and trained craft workers throughout the duration of the project to meet or exceed the apprenticeship goal.

For more information or questions please call the project hotline at 425-998-5200.



## SR 520 Bridge Replacement and HOV Program

Medina to SR 202: Eastside Transit and HOV Project



# Know before you go



Variable Message Signs on the highway display important messages and updates regarding traffic conditions and travel times.



Dial 5-1-1 to get the latest updates on traffic, conditions and construction impacts.



We're here to help drivers and residents plan for the impacts of construction and provide project information. A telephone number (425-998-5200) has been set up to answer questions about the project. You can talk to someone during business hours or leave a message that will be returned the following day.



WSDOT provides handouts such as folios, fact sheets and brochures to inform everyone about the SR 520 Eastside Transit and HOV project.



WSDOT uses Twitter. Twitter is a free service that lets you receive text messages regarding incidents and travel information. Join today to start receiving WSDOT's updates. Visit [www.twitter.com/wsdot](http://www.twitter.com/wsdot) for more information.



WSDOT keeps a running catalog of photos to share with the world that show the progress and efforts put into each project throughout the state. Visit WSDOT's photostream at [www.flickr.com/photos/wsdot/](http://www.flickr.com/photos/wsdot/)



Signs, orange barrels and cones will guide traffic through detours and lane shifts. WSDOT and ECC advise drivers to obey the posted speed limit through the construction zone for the safety of crews and other motorists.

SR 520 Bridge Program: Medina to SR 202 Eastside Project  
Construction Update Web page

[www.wsdot.wa.gov/Projects/SR520Bridge/MedinaTo202/MedinatoSR202Construction](http://www.wsdot.wa.gov/Projects/SR520Bridge/MedinaTo202/MedinatoSR202Construction)



WSDOT and ECC will update the Construction Update Web page regularly to provide project neighbors, drivers and transit riders with the most up-to-date information regarding traffic and construction activities on the project.

## SR 520 Bridge Replacement and HOV Program

Medina to SR 202: Easideside Transit and HOV Project



# Give 'em a Brake!

The most likely traffic incident occurs between noon and 3 p.m. on a clear or cloudy Wednesday in August as a result of speeding or inattentive driving.

The three types of collisions in construction zones are rear-enders, striking a fixed object, and sideswiping. A concrete or jersey barrier is the most common object struck within work zones.

An overwhelming majority of people injured or killed in work zone collisions are drivers and passengers.

Give 'em a Brake! The 5,000 men and women who maintain and improve Washington's 7,044 state highway miles ask you to slow down and pay extra attention to road construction signs.

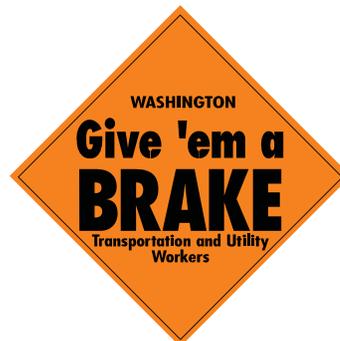
Speeding or inattentive drivers in work zones could face fines of up to \$700 and a 60-day license suspension.

### Work Zone Safety Driving Tips

- Don't use your cell phone.
- Observe the speed limit and eliminate distractions while driving.
- Don't eat or drink.
- Don't change CD's or radio stations.
- Don't tailgate! Leave plenty of room between you and the vehicle in front of you. It takes approximately 200 feet for you to stop your car when you're traveling at 60 mph.

### Know before you go

Plan ahead and anticipate added travel time through the construction zones.



**Thank you for your patience as we build the SR 520 Easideside Transit and HOV Project.**



**Washington State  
Department of Transportation**



**Thank you for attending our construction open house.**