

# Project Area and Preliminary Schedule



	2010				2011				2012		
	Jan. - March	April - June	July - Sept.	Oct. - Dec.	Jan. - March	April - June	July - Sept.	Oct. - Dec.	Jan. - March	April - June	July - Sept.
<b>Design</b>	[Yellow bar]										
<b>Pre-Construction</b>					[Green bar]						
<b>Construction</b>							[Blue bar]				
<b>Neighborhood Street Improvements</b>						[Red bar]					

■ Design Phase   
 ■ Pre-Construction Phase   
 ■ Construction Phase   
 ■ Neighborhood Street Improvements

# What Does Construction Include?

## This project will include:

- Replacement of the existing north and south timber approach structures with a mechanically stabilized earth (MSE) wall structure.
- Rehabilitation and seismic improvements to the mainspan of the viaduct.
- Ground improvements to address poor soil conditions at the approaches.
- A new driving surface on the mainspan of the bridge and improvements to surrounding Georgetown streets.



Rendition of mechanically stabilized earth (MSE) retaining wall



South approach of Airport Way South Viaduct



Under mainspan looking south

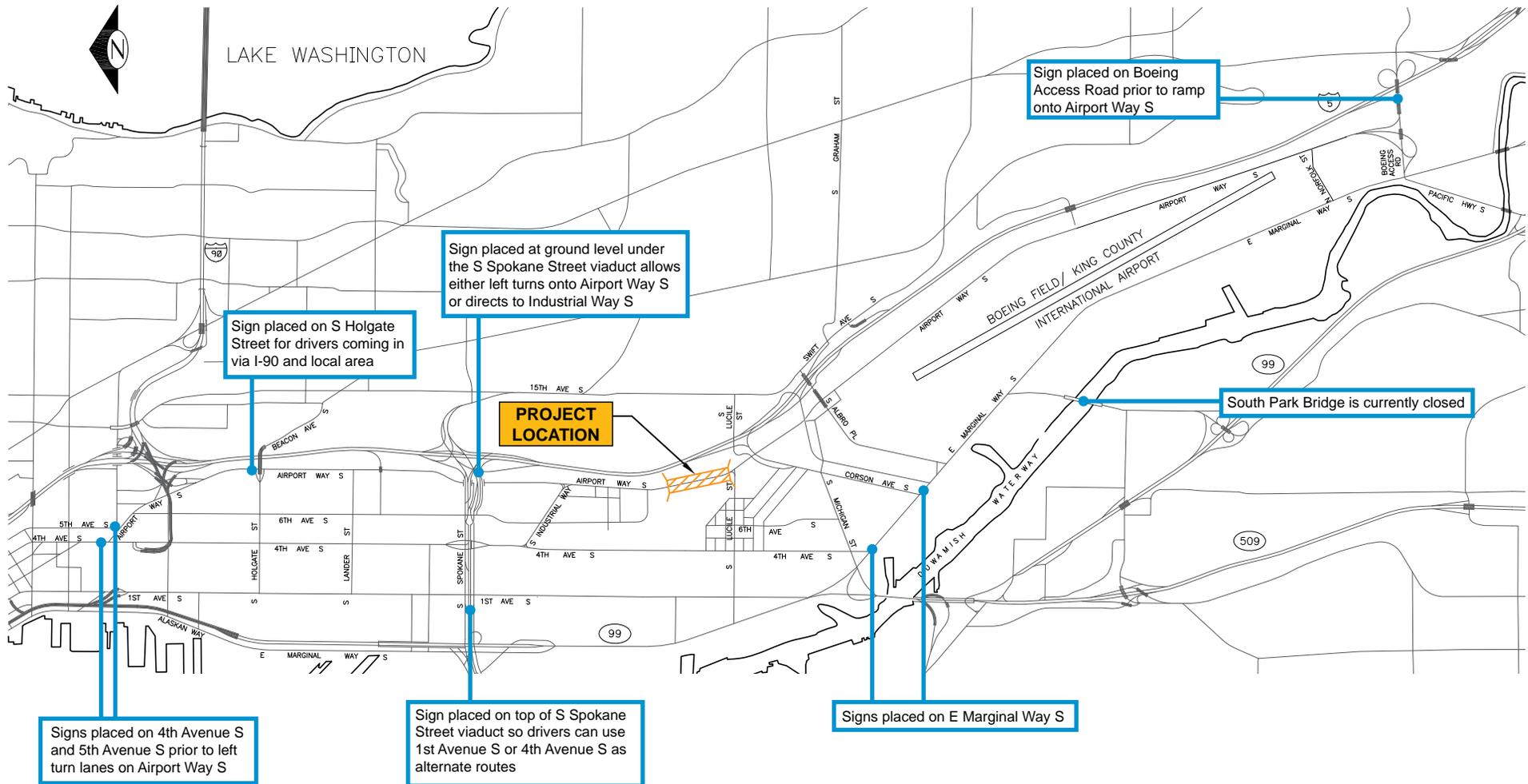
# Detour Route During Airport Way South Viaduct Closure



- The Airport Way South Viaduct will be closed for 12 – 14 months. Construction is tentatively planned to begin in March/April 2011.
- During the viaduct closure, all vehicles, pedestrians and cyclists will be detoured to 4th Avenue South from either South Lucile Street and Denver Avenue South and South Dawson Street or South Industrial Way.
- Metro buses 106, 131, and 134 will be rerouted during the temporary closure of the viaduct.

- Denver Avenue South and South Dawson Street will be primarily used as the truck detour route during construction. These streets will become one-way westbound during construction to allow for larger vehicles and trucks to make a right turn onto 4th Avenue South.
- Eastbound and westbound traffic will be permitted on South Lucile Street.
- Signage will be placed throughout the region to alert users of the viaduct closure and detour route.

# Regional Construction Detour Plan



## Additional Street Improvements Planned in Georgetown

Prior to the start of construction on the Airport Way South Viaduct, SDOT will make a number of improvements to neighborhood streets in Georgetown:

As part of the Airport Way South Paving Project, SDOT will reconstruct several Georgetown streets. Improvements may include pavement replacement, new curb ramps and upgrades in infrastructure. Airport Way South will be improved between South Lucile Street and South Hardy Street.

SDOT will repave South Lucile Street from Airport Way South to South Maynard Street and replace select panels and fix potholes on Denver Avenue South and South Dawson Street from South Lucile Street to 4th Avenue South.

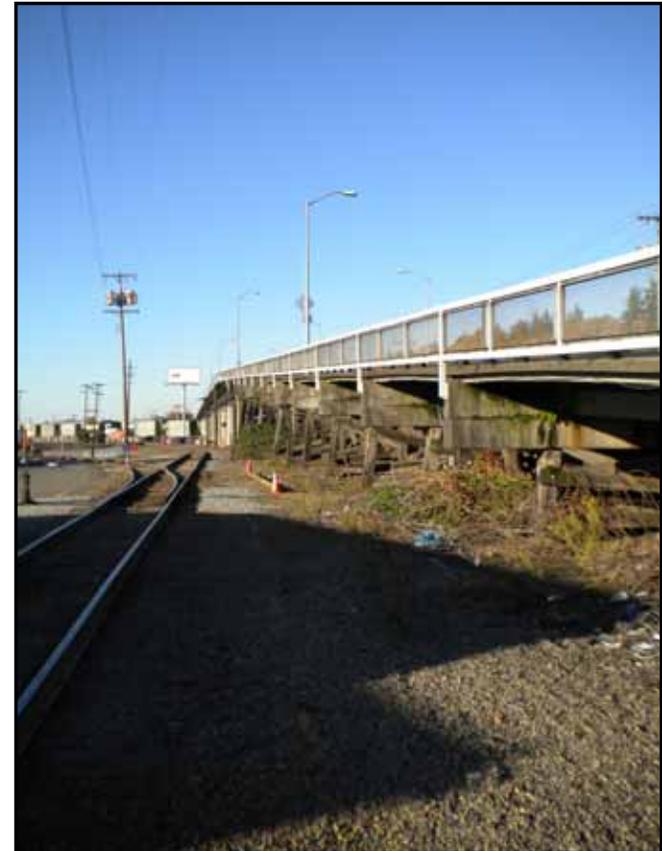


## What We've Heard from the Community

**SDOT is working with the nearby community to plan for construction. During design, we have heard the following concerns from the community:**

- Maintain business vitality during construction
- Improve the condition of neighborhood streets
- Maintain parking during construction
- Add bike lanes on Airport Way South
- Decommission the Union Pacific Railroad Spur
- Mitigate construction impacts including traffic and noise

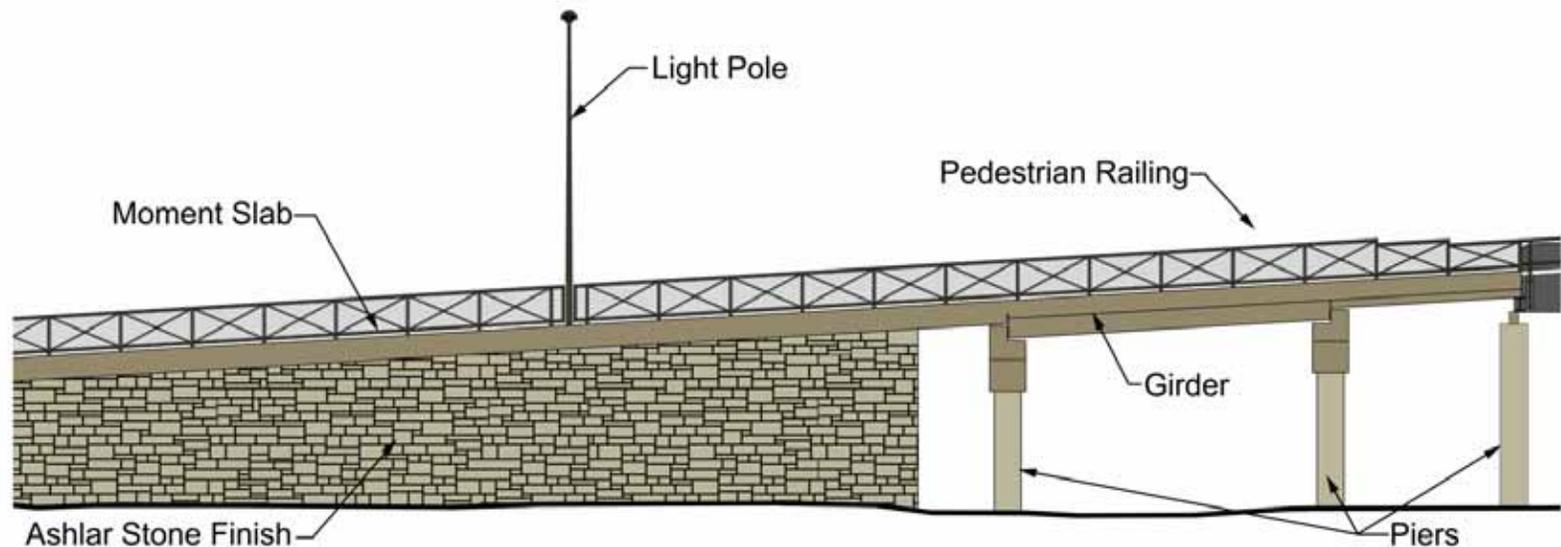
**SDOT has looked into how to address these concerns. Want to know more or have another question? Ask someone from the project team!**



*View of Airport Way South Viaduct, looking north.*

# Aesthetic Elements of the Rehabilitated Viaduct

The viaduct is being rehabilitated so it is earthquake safe and able to withstand the weight of large vehicles and daily trucks traffic. Upon completion of the project, the structure will have a new light pole, a pedestrian railing, and a wall designed with the historical character of the neighborhood in mind.



## Architectural Basis

### Ped/Bike Railing

- High architectural interest
- Fits with architectural style of existing railing over mid span
- Provides transition from one railing type to another

### Colors

- Warm colors to enhance the built urban environment of the bridge
- Neutral colors to fit with the existing surrounding environment
- 3 colors to provide architectural interest

### Wall

- Fits with the historic character of the neighborhood
- Works well with MSE wall system since panel joints blend in with the pattern

### Lights

- New light fixtures to match the existing light fixtures



Ashlar Stone Finish