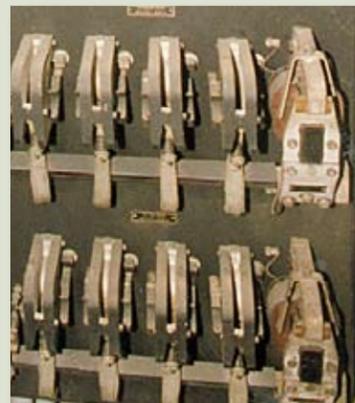


# South Park Bridge

## EXISTING CONDITIONS / PROJECT URGENCY

### The South Park Bridge, over 75 years old, is in very poor condition:

- Out of a 0 (worst) to 100 (best) ranking, the bridge scores a 4, the lowest ranking among major, high traffic volume bridges in the Seattle area
- Is seismically vulnerable and has a 1 in 3 chance of experiencing an earthquake in the next 10 years that will likely put bridge out of operation
- Existing bridge cannot be seismically retrofitted due to unstable piers
- Concrete is contaminated and self-destructing — can't be fixed
- Main piers in river are cracked throughout and tilting — can't be fixed
- Moveable spans require annual maintenance to keep bridge operational
- Widespread steel corrosion on main spans
- Electrical control system outdated and prone to unpredictable failures



Outdated electrical control system



Rotten pilings



Seismically vulnerable - timber shoring required



Moveable spans starting to collide



Widespread steel corrosion



Expensive annual maintenance



# South Park Bridge

## CRITICAL TO REGIONAL MOBILITY

### The South Park Bridge, a critical link in the region's freight mobility network:

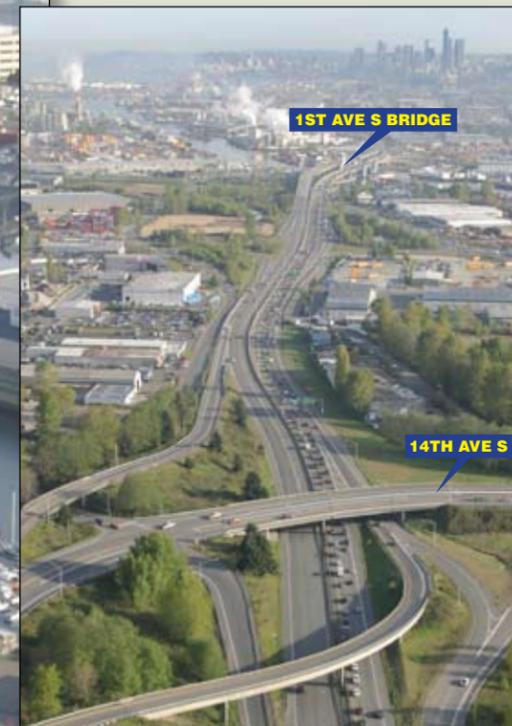
- Carries over 10 million tons of freight per year
- Carries a high volume of truck traffic — over 14% of total traffic
- Critical link between the N. Tukwila and Duwamish Manufacturing/Industrial centers
- Connects Boeing facilities on either side of Duwamish River

### If the South Park Bridge is closed:

- 20,000 vehicles/day rerouted to other river crossings
- Immediate and severe traffic backups at First Avenue South during both morning and evening commutes — delays up to 3 ½ times longer.
- 20% of businesses in South Park's main corridor, a defined Environmental Justice community due to its minority population, would suffer extreme economic hardship, damaging the overall stability of the struggling South Park community.



South Park community — subject to federal Environmental Justice regulation



First Avenue South Bridge traffic will be severe if South Park Bridge closes

### Projected Schedule

2006-07	Preliminary design
2006-08	Final EIS work
2008	EIS completed
2008-10	Intermediate & Final design
2010-12	Construction

South Park Bridge - a critical link

