

# SR 520 Bridge Geotechnical Drilling in Lake Washington

## What

- From May – June 2005, the 520 project team will be evaluating the soils beneath Lake Washington along the future 520 floating bridge alignment.
- We will be drilling from a barge, starting on the north side of the SR 520 floating bridge from east (near Medina) to west (Seattle), and then on the south side of the bridge from west to east.
- The work will include soil classification, testing for water content, soil properties and densities, and environmental contamination
- Each drilling session at any one location will last roughly two days. There are approximately 15 drilling locations around the existing SR 520 floating bridge.
- The barge could be a distraction to traffic crossing SR 520, and lakeside neighborhoods could experience slight increases in noise during the daytime work period.

## When

- May 2005 – end of June 2005
- Monday – Friday, 7 a.m. to 7 p.m.
- Every other weekend, 7 a.m. to 7 p.m. as needed

## Where

- On and below Lake Washington, roughly 50-200 feet from both the north and south sides of the SR 520 bridge, between Medina and Seattle.

## Why

- This work will support design engineering of the SR 520 floating bridge and cable anchors by providing detailed information about the soils along the new bridge's alignment.
- This work is necessary for both alternatives – 4-Lane and 6-Lane.

## What to expect

- The barge could be a distraction to traffic crossing SR 520, and lakeside neighborhoods could experience slight increases in noise during the daytime work period.
- Results from these tests are expected in August.