

# I-90/Eastgate Transit Access/142nd Place SE HOV Ramps

Bellevue, WA

**Owner:** Sound Transit and the Washington State Dept. of Transportation

**Description:** This project was jointly developed by Sound Transit and the Washington State Department of Transportation (WSDOT). Sound Move, the region's ten-year transit plan, included this \$22 million project to construct HOV ramps connecting I-90 to the Eastgate Park-and-Ride lot. These ramps will increase speed and reliability of buses and carpools to and from the I-90 HOV lanes.

For Phase I, preliminary engineering and environmental documentation, Sound Transit was the lead agency. INCA Engineers provided preliminary design studies for off-site improvements and preparation of an Access Decision Report. INCA assisted with site configuration and facilities analysis, preparation of the environmental documentation, community and agency coordination, and preparation of the final design documentation file. INCA also provided surveying and mapping, including aerial mapping and GPS photo control, vertical control and lane edge profiling, obscure area ground mapping, right-of-way and aerial mapping quality control to existing pavement superelevation data.

For Phase II, final design and on-call construction support, WSDOT as the lead agency selected INCA as the prime consultant. INCA provided final design plans, specifications, and cost estimate for the new transit direct access ramps from the I-90 HOV lanes to the existing 142nd Place SE bridge. INCA's scope of work included final design of the bridge modifications, soldier pile lagging retaining walls, grading, drainage, paving, illumination, detention pond construction, and Intelligent Traffic Systems (ITS) interface. The ramps also feature 32 six-foot long bronze salmon created by artist and architect Alex Young.

Construction Cost: \$ 22,000,000

## Special Features:

- ▶ Fast-track project
- ▶ Access Decision Report
- ▶ Incorporating art into the design

