



Design-Build

Client

Washington State Department of Transportation (WSDOT)

Location

Everett, WA, USA

"We like to see innovation brought to these important projects, and it is good news that top firms want to do this project with a design-build team in our state. Working with WSDOT, Atkinson-CH2M HILL can help build the record of on-time and on-budget project delivery that our citizens expect to see."

–Governor Christine Gregoire

Interstate 5 (I-5) HOV Design-Build

Innovation and design-build experience brings together a unique team to improve I-5's notorious traffic chokepoints and address safety issues with High-Occupancy-Vehicle (HOV) lanes.

Through one of the largest contracts ever awarded by the Washington State Department of Transportation (WSDOT), a CH2M HILL Constructors, Inc. and Guy F.

Atkinson Construction team was tapped to design and build HOV lanes for a stretch of I-5 in Snohomish County. The \$185 million project will extend the I-5 HOV lanes through Everett 6 miles northbound and 4.5 miles southbound. The design-build project will last 3 years, though our team anticipates completion in late 2007, 6 months earlier than the June 29, 2008 completion deadline.

The HOV project will improve traffic flow, safety, and the environment through Everett by adding more than 10 miles of new carpool lanes on I-5 between SR 526 and US 2. Specifically, the project will:

- Add northbound HOV lanes to I-5 from SR 526 to US 2
- Add southbound HOV lanes to I-5 from Marine View Drive to SR 526
- Add a northbound and southbound auxiliary (or merge) lane on I-5 from 41st Street to US 2
- Widen or replace 21 bridges
- Improve freeway on-ramps and exits, for example, an existing left-hand offramp to Broadway Avenue will be replaced with a right-hand flyover concrete and steel girder bridge
- Install noise walls at sensitive locations
- Treat 100 percent of existing and future impervious surface runoff within the project limits with six new enhanced treatment water quality facilities
- Improve or add lighting and surveillance, control and driver information
- Improve components such as driver messaging signs, traffic cameras, and ramp meters

The project is divided into distinctive segments to improve traffic maintenance during construction by increasing separation between work zones and minimizing the number of major traffic switches in place at any given time. Early work will focus on environmental features, the new Broadway flyover bridge and two new SR2 ramps. Temporary surveillance and information systems will also help maintain traffic flow during construction.