Washington State Department of Transportation

SR 305/Unnamed Tributary to Liberty Bay - Fish Barrier

Project Information

PIN: 330520A
As of Date: October 2017
Region: Olympic
Regional Admin: J. Wynands
State Route: SR 305
Current Status: Completed
Legislative Districts: 23

Project Description

Movement of fish is being restricted by the drainage structure in this waterway. Improvements made to this structure will eliminate restriction to fish passage.

Gray Notebook Text

0911Q7 GNB 41 (March 31, 2011) - This project installed new culverts to improve fish passage under SR 305. The project regraded streambeds upstream and downstream. Project benefits: The improvements to the structure will remove the restrictions to fish passage on the tributary and improve access to upstream freshwater habitat for migratory fish to find food and reach spawning grounds. Highlights or challenges: The fish barrier removal impacted the Puget Sound Steelhead, an endangered species. The project experienced delays and cost increases, in part due to design and also to a crushed pipe. During the boring process, two culverts were crushed, requiring crews to remove the crushed pipe. The new culverts were installed using steel bracing inside the culverts and reinforcing the culverts at the end of the pipe. Budget performance: The project was completed at $3 million, in line with the last approved budget. Due to the issues described above, the project's cost at completion was $1.1 million more than the original budget expectation. Schedule performance: The project was originally scheduled for completion in December 2008, but the delays discussed above delayed the operationally complete date. It was completed in January 2011, on time with the last approved schedule.

Project Milestones

Milestone	Original Date	Current Date	Status
Project Definition Complete	Q3 2007	Q3 2007	On Schedule
Preliminary Engineering Start	Q3 2007	Q3 2007	On Schedule
Environmental Complete	Q1 2008	Q1 2008	On Schedule
Right of Way Complete	Q2 2010	Q2 2010	On Schedule
Contract Advertisement	Q2 2010	Q2 2010	On Schedule
Operationally Complete	Q1 2011	Q1 2011	On Schedule

Project Cost Summary ($ in Thousands)

Project Status	Leg. Initial Budget	Current Leg. Budget	Current Approved Cost
Preliminary Engineering	$0	$324	$324
Right of Way	$0	$345	$345
Construction	$0	$2,271	$2,218
Total	$0	$2,940	$2,887

Project Funding Summary - Current Approved Cost ($ in Thousands)

Project Phase	Nickel	TPA	Pre-Existing Funds	CWA	Other	Total
Prelim Engineering	$0	$324	$0	$0		$324
Right of Way	$0	$345	$0	$0		$345
Construction	$0	$1,575	$644	$0		$2,218
Total	$0	$2,244	$644	$0		$2,887

Project Web Site: