Washington State Department of Transportation

I-405/NE 8th St to SR 520 Braided Ramps - Interchange Improvements

Project Information

PIN: 840551A
As of Date: December 2017
Region: Northwest
Regional Admin: L. Eng
State Route: I-405
Current Status: Completed
Legislative Districts: 41, 48

Project Description

It is highly congested in the vicinity of downtown Bellevue and the I-405/SR 520 Interchange. On and off ramps will be constructed. Relieves congestion on northbound I-405 caused by the weave between the on ramp from NE 8th and the off ramp to SR 520. Relieves congestion in the vicinity of the I-405/SR 520 Interchange caused by the weave between the eastbound SR 520 off ramp to 124th Ave and the on ramp from northbound I-405 to eastbound SR 520. Improves vertical clearance at the NE 12th Street crossing. The reduced congestion will result in a decrease in the number of accidents.

Gray Notebook Text

1113Q4 GNB 46 (June 30, 2012) - This project constructed on- and off-ramps on I-405 northbound to relieve traffic weaving and congestion in the vicinity of downtown Bellevue and the I-405/SR 520 interchange. Project benefits: The new ramps eliminate difficult merging conditions and help drivers transition smoothly between roadways, reducing congestion on the ramps. The reduced congestion will potentially result in a decrease in the number of accidents. Highlights/challenges: Several factors resulted in a $22 million cost increase in September 2008, including higher design and construction costs for retaining walls and structures to meet new national seismic design criteria, larger stormwater detention facilities, right of way acquisition, and higher inflation cost projections. Budget constraints were alleviated when the project received $30 million in American Recovery and Reinvestment Act funding, allowing WSDOT to advertise for construction bids in March 2009. Without these federal funds, the project would have been delayed one year. The project received the Downtown Bellevue Association's 2011 Best Opening of the Year award for portions of the project that opened in October 2011. Bellevue businesses recognized the project for the benefits it provided, including congestion relief and safer access to SR 520. Budget performance: The project was originally budgeted for $250 million. There was a savings of $25.5 million, which was achieved in part due to a low bid and reduced construction materials costs. The project cost $224.5 million at completion, on target with the last approved budget. Schedule performance: The project was completed in May 2012, more than six months ahead of the last approved schedule. As budgeted in 2005, the project was originally scheduled to be completed in December 2011.

Project Milestones

Milestone	Original Date	Current Date	Status
Project Definition Complete	Q2 2006	Q2 2006	On Schedule
Preliminary Engineering Start	Q4 2005	Q4 2005	On Schedule
Environmental Complete	Q3 2008	Q3 2008	On Schedule
Right of Way Complete	Q1 2009	Q1 2009	On Schedule
Contract Advertisement	Q1 2009	Q1 2009	On Schedule
Operationally Complete	Q4 2012	Q2 2012	Early

Project Cost Summary ($ in Thousands)

Project Status	Leg. Initial Budget	Current Leg. Budget	Current Approved Cost
Preliminary Engineering	$0	$17,009	$17,009
Right of Way	$0	$48,121	$48,159
Construction	$0	$159,334	$137,893
Total	$0	$224,464	$203,061

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

Project Phase	Nickel	TPA	Pre-Existing Funds	CWA	Other	Total
Prelim Engineering	$0	$17,009	$0	$0		$17,009
Right of Way	$0	$48,159	$0	$0		$48,159
Construction	$0	$18,213	$119,680	$0		$137,893
Total	$0	$83,381	$119,680	$0		$203,061

Project Web Site: