

# MONTHLY PROJECT OVERVIEW

## I-405 - Kirkland Nickel Stage 1

April 2007

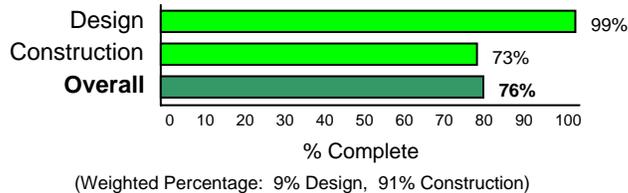
**Project Location:** I-405 from SR 520 to SR 522  
**Design-Builder:** Kiewit Construction Company

**PIN:** 840561A  
**WIN:** 440561A

### Design / Build Contract Summary

Contract Award: September 26, 2005  
 Notice to Proceed: October 20, 2005  
 Original Contract Time: 748 Calendar Days  
 Original Substantial Completion: November 2007  
 Original Contract Amount: \$47,500,004  
 Revised Contract Amount: \$47,181,223

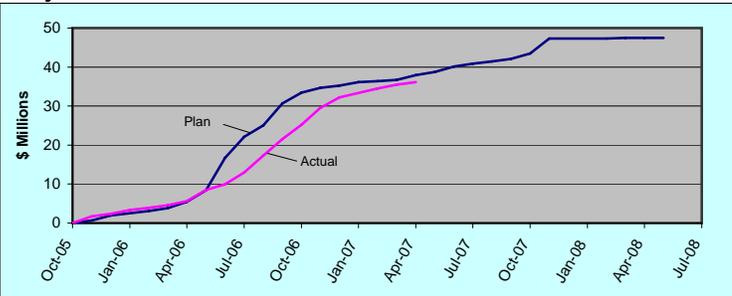
### Project Progress to Date



Project Status as of: **April 2007**

Contract Days Elapsed: 568 of 750 = 75.7%  
 Contract Amount Earned to Date: \$36,124,189 = 76.6%  
 Contract Amount Earned This Period: \$3,065,057 = 6.5%  
 Projected Substantial Completion Date: **November 2007**

### Project Cash Flow



### April 2007 Highlights



Crews installed rebar on the northbound 116th Street bridge deck



Crews placing concrete on the northbound 116th Street bridge deck



Crews paving the median.



Crews are building planter boxes near the NE 116th Street bridge.

### Design / Build Schedule Summary

**Design:** The team has completed the design phase. Only two pay activities remain in design: environmental monitoring and as-built drawings. WSDOT is addressing ongoing Field Change Requests (FCR's) and Request for Information (RFI's) from field engineers, fabricators and subcontractors.

**Construction:** In April, crews closed NE 116th to demolish the last remaining portion of the old NE 116th Street bridge; demolished the median barrier; returned the southbound HOV lane to its normal alignment; placed concrete on the southbound and northbound NE 116th Street bridge decks and on the planter box walls at NE 116th; and continued planting trees and shrubs along I-405 and in the project's wetland mitigation sites.

### Summary Project Schedule

Task	2005		2006				2007				2008	
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
<b>Design</b>	[Bar spanning from Q3 2005 to Q2 2008]											
<b>Construction</b>	[Bar spanning from Q1 2006 to Q2 2008]											
<b>Phase 1:</b> widen right side of I-405	[Bar spanning from Q1 2006 to Q3 2006]											
<b>Phase 2:</b> construct 116th Street bridge	[Bar spanning from Q3 2006 to Q2 2007]											
<b>Phase 3:</b> install drains, build walls at NE 116th St	[Bar spanning from Q3 2007 to Q4 2007]											
<b>Phase 4:</b> pave highway	[Bar spanning from Q1 2008 to Q2 2008]											
<b>Final Cleanup</b>	[Bar spanning from Q2 2008 to Q2 2008]											

### Quality Control / Quality Assurance

WSDOT has performed 741 design and construction audits of contract items and has recorded the audits into CATS, a WSDOT software system which measures the design-builder's contract specification conformance. To date, we have had 93 non-conformance issues (NCIs) and have resolved 83 of them. The design-builder has placed 37,576 tons of hot-mix asphalt and 3,479 cubic-yards of concrete. WSDOT has performed 860 tests to verify that construction materials are meeting quality requirements.

### Risks / Challenges / Issues

Environmental compliance during construction.  
 Favorable weather for hot asphalt paving.

### Public Information & Community Outreach

Scheduling and sequencing of construction to minimize impacts to the public  
 Informing the public and business of upcoming construction activities and lane closures

### Upcoming Activities - May - August 2007

- Grading and drainage work at I-405 median.
- Construction of planter walls for 116th St. Bridge.
- Drilled shafts, pile caps and abutment walls for 116th St. Bridge.
- Mainline permanent illumination installation will continue.