

# MONTHLY PROJECT OVERVIEW

## I-405, Bellevue Braids Design Build Project

September 2010

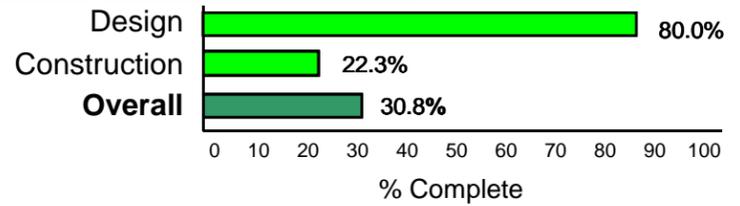
**Project Location:** I-405/NE 8th St to SR 520  
**Design-Builder:** Guy F. Atkinson Construction, LLC.  
**WSDOT Project Engineer :** Seema Javeri, PE.

**PIN:** 840551A, 840541F  
**WIN:** U40541F  
**Federal Aid Project:** ARRA-4053(858)

### Design / Build Contract Summary

Contract Award: November 9, 2009  
 Notice to Proceed: December 7, 2009  
 Original Contract Time: 929 Calendar Days  
 Original Substantial Completion: June 2012  
 Original Contract Amount: \$107,500,000  
 Revised Contract Amount: \$108,200,885

### Project Progress to Date



Project Status as of: September 30, 2010  
 Contract Days Elapsed: 297 of 929 = 32.0%  
 Contract Amount Paid to Date: \$28,337,393 = 25.1%  
 Contract Amount Paid This Period: \$3,573,142 = 3.2%  
 Projected Substantial Completion Date: June 2012 (on schedule)

### Project Cash Flow



### September 2010 Highlights



NB Access Road By Hospital



Finishing CIP Wall



Footing 1 Pour



NE 12th St Bridge Diaphragms

### Design-Build Schedule Summary

**Design:** The plans have been "Released for Construction" (RFC) for bridge and roadway work on I-405 and SR 520. There are numerous ITS, signage, illumination, drainage and utility plans nearing completion. There were 156 design related submittals in September. Design is approximately 78% complete. Final design will be completed this Fall and the majority of design documents will be released for construction by the end of this year.

**Construction:** Construction continues on the NE 12th Street Bridge substructure, walls 030 and 050 leading up to the NE 12th Street bridge and walls 555 and 590 along NB 405. Dowel bar retrofit installation along NB 405. Preparation for the SR 520 traffic shift. SCL light transmission tower was installation and power line transfer to the new tower. Pier construction began for the NE 10th Street bridge and abutment and pier construction began for the Braids bridge. Installation of soldier piles for wall 160 by SR 520.

### Quality Control / Quality Assurance

The Design Builder has had their field testing laboratory reviewed by the WSDOT and have received approval to store and break concrete test cylinders and to run aggregate gradation tests. The Design Builder is running day and night inspection crews to accommodate daytime structure work and night time drainage and pavement rehabilitation work.

Materials test results are being entered into SAMs, the Statistical Analysis of Materials software program. This program will compare test data from QA, Quality Assurance the Design Builder and from QV, Quality Verification the WSDOT. If the statistical evaluations are good, SAMs will validate the Design Builders test results which then be used for the acceptance of the material.

### Risks / Challenges / Issues

Minimizing impacts from the delay of the Lowe's P&U to the schedule, MOT, Buy America are areas of concern for our project.

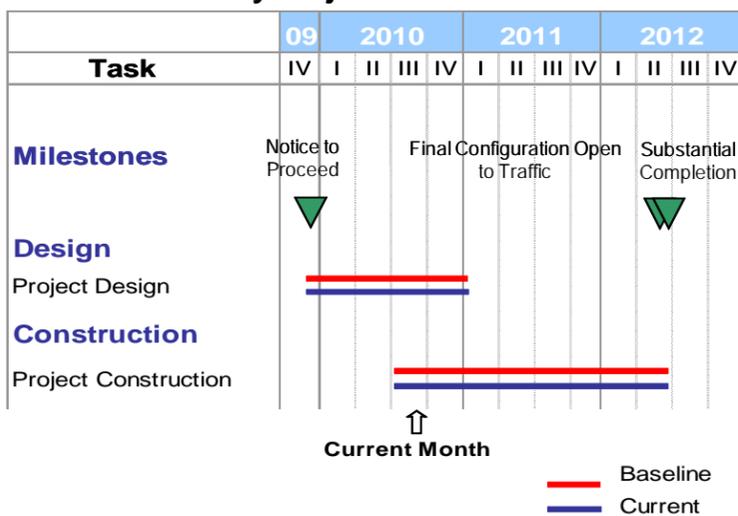
### Public Information & Community Outreach

The PI team continues to inform area businesses and residents about upcoming construction and closures. The team sent a flyer to area resident informing them of noisy night time work in September for pavement repair. The team is working on a communications plan for the removal of the NE 12th Street bridge in the spring of 2011.

### Upcoming Activities - Fall 2010

Construction of the NE 12th Street bridge substructure. Continuing work Braids bridge and NE 10th piers. and Beginning work on Northup bridge and 124th Street bridge work will begin. Relocation of UI 488 by Lowes property.

### Summary Project Schedule



For more information, Call 425.889.0267 or 425.456.8624 or visit [www.wsdot.wa.gov/Projects/i405/ne8thtosr520/](http://www.wsdot.wa.gov/Projects/i405/ne8thtosr520/)



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**Washington State Department of Transportation**