

# MONTHLY PROJECT OVERVIEW

## I-405, Bellevue Braids Design Build Project

June 2011

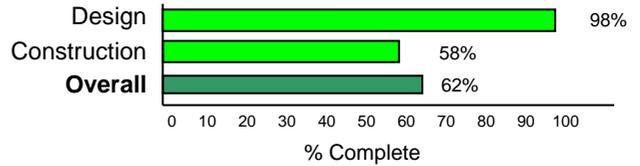
**Project Location:** I-405/NE 8th St to SR 520  
**Design-Builder:** Guy F. Atkinson Construction, LLC.  
**WSDOT Project Engineer :** Seema Javeri, PE.

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

### Design / Build Contract Summary

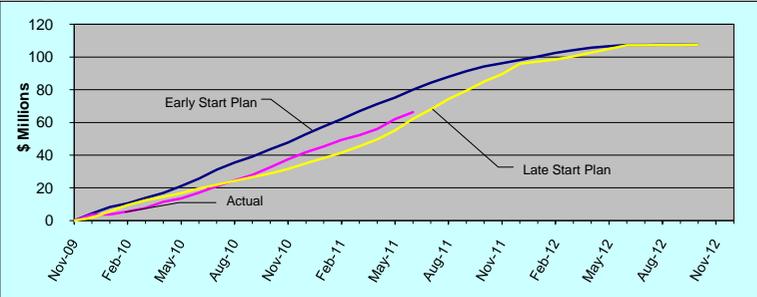
Contract Award: November 9, 2009  
 Notice to Proceed: December 7, 2009  
 Original Contract Time: 929 Calendar Days  
 Original Substantial Completion: June 2012  
 Original Contract Amount: \$107,500,000  
 Revised Contract Amount: \$108,686,643

### Project Progress to Date



Project Status as of: June 30, 2011  
 Contract Days Elapsed: 570 of 929 = 61.4%  
 Contract Amount Paid to Date: \$67,448,986 = 62.1%  
 Contract Amount Paid This Period: \$4,285,628 = 3.9%  
 Projected Substantial Completion Date: June 2012 (on schedule)

### Project Cash Flow



### June 2011 Highlights



Northrup Way Pier 1 End Diaphragm Rebar



NB 405 CIP Barrier



Abutment NE 12th Pier 3



Braids Bridge Deck Pour

### Design-Build Schedule Summary

Construction:  
 Working on the piers and abutments for stage 2 of the NE 12th Street Bridge. Pouring the deck and cap diaphragms for NE 10th Street ramp for spans 4-7. Pouring diaphragms and installing barrier conduits for the Braids Bridge. Excavating the roadway and fine grading the approach slabs for the Braids Bridge. Setting deck soffits and diaphragms for the Northrup Bridge. Pouring Piers 1 and 3 for the 124th Street Bridge. Working on various retaining walls throughout project limits.

### Quality Control / Quality Assurance

The Design Builder's Quality Assurance team continues inspection and materials testing for the project, with WSDOT providing oversight inspection and verification testing. WSDOT is also performing the acceptance inspection of offsite fabricated items such as bridge girders and sign bridges. Both teams are making good use of Quality Hold Points. Hold points are established to identify critical components of the construction process, in which work cannot proceed until verification inspection is performed and released.

The Design Builder's QA and WSDOT QV staff are entering materials test data into SAMs, the Statistical Analysis of Materials software program for verification analyses. Current SAMs analysis is indicating that materials used on this project have been properly tested and are meeting the required specifications.

### Risks / Challenges / Issues

The Buy America requirements and the NE 12th Street bridge girder damage analysis and repairs are areas of concern for our project. The bridge repair is the contractor's financial responsibility for the repair, however, WSDOT is working closely with the design builder for final resolution.

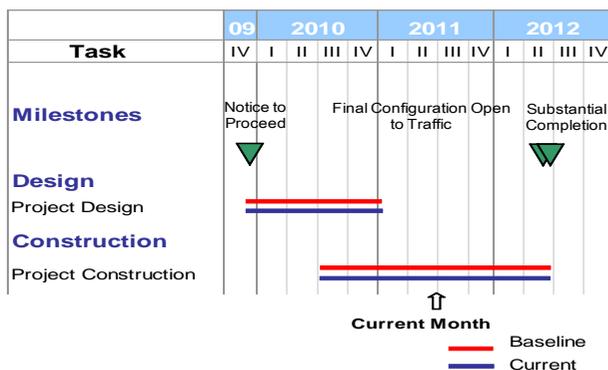
### Public Information & Community Outreach

The Public Information team continues to inform area businesses and residents about upcoming construction including a traffic shift and girder setting and damage repair to the NE 12th Street bridge. The team is working with 2 property owners along NB 405.

### Upcoming Activities - Summer 2011

Continuing work on 12th Street stage 2, NE 10th Street bridge, Braids bridge, BNSF bridge, Northrup bridge, 116th bridge and 124th Street bridge. Constructing walls throughout the project limits. Creating a new median work zone to build pier 2 on NE 12th Street Bridge by shifting NB traffic to the east. Repairing the NE 12th Street damaged girder.

### Summary Project Schedule



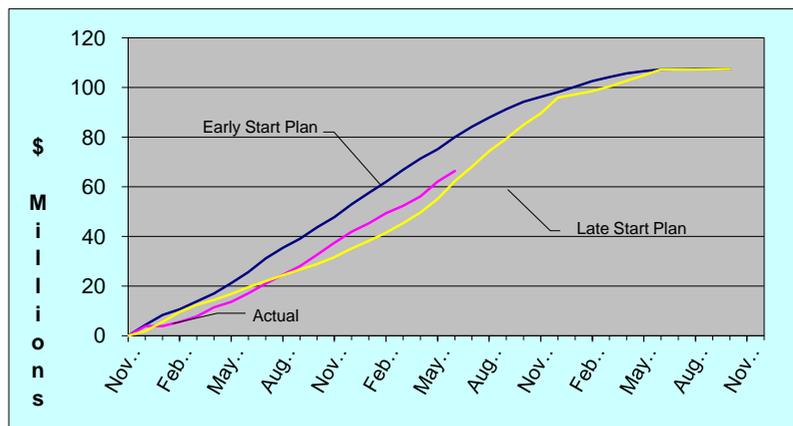


**Time Equation**

12/7/2009 start (fixed)  
 929 Contract Length

6/30/2011 current (variable)  
 570.00 days complete  
 61.4% complete

June 2011



**I-405, Bellevue Braids Design Build Project**

	Early Start Plan Curve		Late Start Plan Curve		Actual
	Monthly	Cumulative	Monthly	Cumulative	Monthly
Nov-09	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-09	\$4,324,070.00	\$4,324,070.00	\$1,833,301.00	\$1,833,301.00	\$3,792,944.17

Jan-10	\$4,012,287.00	\$8,336,357.00	\$3,712,500.00	\$5,545,801.00	\$0.00
Feb-10	\$2,254,747.00	\$10,591,104.00	\$3,931,501.00	\$9,477,302.00	\$1,743,079.00
Mar-10	\$3,216,106.00	\$13,807,210.00	\$2,902,241.00	\$12,379,543.00	\$2,170,337.00
Apr-10	\$3,137,750.00	\$16,944,960.00	\$2,032,501.00	\$14,412,044.00	\$3,683,524.00
May-10	\$4,179,935.00	\$21,124,895.00	\$2,360,969.00	\$16,773,013.00	\$2,169,847.00
Jun-10	\$4,564,348.00	\$25,689,243.00	\$2,789,124.00	\$19,562,137.00	\$3,514,702.00
Jul-10	\$5,442,008.00	\$31,131,251.00	\$2,386,296.00	\$21,948,433.00	\$3,850,102.00
Aug-10	\$4,280,893.00	\$35,412,144.00	\$2,402,101.00	\$24,350,534.00	\$3,622,178.00
Sep-10	\$3,715,376.00	\$39,127,520.00	\$2,256,024.00	\$26,606,558.00	\$3,450,039.00
Oct-10	\$4,581,349.00	\$43,708,869.00	\$2,270,303.00	\$28,876,861.00	\$4,601,819.00
Nov-10	\$4,021,647.00	\$47,730,516.00	\$2,702,939.00	\$31,579,800.00	\$4,823,491.00
Dec-10	\$5,194,439.00	\$52,924,955.00	\$3,500,088.00	\$35,079,888.00	\$4,459,239.00
Jan-11	\$4,556,581.00	\$57,481,536.00	\$3,076,525.00	\$38,156,413.00	\$3,388,758.00
Feb-11	\$4,539,814.00	\$62,021,350.00	\$3,294,767.00	\$41,451,180.00	\$4,074,776.00
Mar-11	\$4,859,983.00	\$66,881,333.00	\$3,929,694.00	\$45,380,874.00	\$2,941,916.00
Apr-11	\$4,465,268.00	\$71,346,601.00	\$4,226,707.00	\$49,607,581.00	\$3,794,778.00
May-11	\$3,800,920.00	\$75,147,521.00	\$5,480,160.00	\$55,087,741.00	\$6,019,809.00
Jun-11	\$4,833,440.00	\$79,980,961.00	\$7,188,822.00	\$62,276,563.00	\$4,239,994.00
Jul-11	\$4,234,906.00	\$84,215,867.00	\$5,729,338.00	\$68,005,901.00	
Aug-11	\$3,629,529.00	\$87,845,396.00	\$6,340,044.00	\$74,345,945.00	
Sep-11	\$3,451,209.00	\$91,296,605.00	\$5,087,047.00	\$79,432,992.00	
Oct-11	\$2,902,353.00	\$94,198,958.00	\$5,592,327.00	\$85,025,319.00	
Nov-11	\$2,048,926.00	\$96,247,884.00	\$4,480,692.00	\$89,506,011.00	
Dec-11	\$1,853,841.00	\$98,101,725.00	\$6,461,488.00	\$95,967,499.00	
Jan-12	\$2,177,079.00	\$100,278,804.00	\$1,251,175.00	\$97,218,674.00	
Feb-12	\$2,334,799.00	\$102,613,603.00	\$1,294,687.00	\$98,513,361.00	
Mar-12	\$1,576,354.00	\$104,189,957.00	\$1,871,174.00	\$100,384,535.00	
Apr-12	\$1,505,403.00	\$105,695,360.00	\$2,279,794.00	\$102,664,329.00	
May-12	\$931,135.00	\$106,626,495.00	\$2,266,690.00	\$104,931,019.00	
Jun-12	\$697,928.00	\$107,324,423.00	\$2,328,147.00	\$107,259,166.00	
Jul-12	\$66,478.00	\$107,390,901.00	\$28,295.00	\$107,287,461.00	
Aug-12	\$66,478.00	\$107,457,379.00	\$33,608.00	\$107,321,069.00	
Sep-12	\$42,621.00	\$107,500,000.00	\$71,961.00	\$107,393,030.00	
Oct-12		\$107,500,000.00	\$66,478.00	\$107,459,508.00	
Nov-12			\$40,492.00	\$107,500,000.00	
Dec-12					
Jan-13					
Feb-13					
Mar-13					
Apr-13					

Original Contract Amt	\$107,500,000.00	
Jun-11		\$4,239,994.00
Contract Amt w/ Changes	\$108,686,643.00	\$66,341,332.17

Costs	Project Cash Flow Chart		
Cumulative	Cum.E.Plan	Cum.L.Plan	Cum. Actual
\$0.00	0.000	0.000	0.000
\$3,792,944.17	4.324	1.833	3.793

\$3,792,944.17	8.336	5.546	3.793
\$5,536,023.17	10.591	9.477	5.536
\$7,706,360.17	13.807	12.380	7.706
\$11,389,884.17	16.945	14.412	11.390
\$13,559,731.17	21.125	16.773	13.560
\$17,074,433.17	25.689	19.562	17.074
\$20,924,535.17	31.131	21.948	20.925
\$24,546,713.17	35.412	24.351	24.547
\$27,996,752.17	39.128	26.607	27.997
\$32,598,571.17	43.709	28.877	32.599
\$37,422,062.17	47.731	31.580	37.422
\$41,881,301.17	52.925	35.080	41.881
\$45,270,059.17	57.482	38.156	45.270
\$49,344,835.17	62.021	41.451	49.345
\$52,286,751.17	66.881	45.381	52.287
\$56,081,529.17	71.347	49.608	56.082
\$62,101,338.17	75.148	55.088	62.101
\$66,341,332.17	79.981	62.277	66.341
	84.216	68.006	
	87.845	74.346	
	91.297	79.433	
	94.199	85.025	
	96.248	89.506	
	98.102	95.967	
	100.279	97.219	
	102.614	98.513	
	104.190	100.385	
	105.695	102.664	
	106.626	104.931	
	107.324	107.259	
	107.391	107.287	
	107.457	107.321	
	107.500	107.393	
	107.500	107.460	

<-- Enter Actual Invoice Amt in Column U, then copy formula in Column Y down one row.

3.9% Earned this Period  
61.0% Earned to Date