

# City of Bend Transportation GO Bond Program

## *Monthly Progress Report*

September 2012



# HDR

In association with the Bend offices of the following firms:



***DevTech Engineering, LLC***  
Site Planning · Civil Engineering

For the latest project information, visit [www.bendoregon.gov/gobond](http://www.bendoregon.gov/gobond)

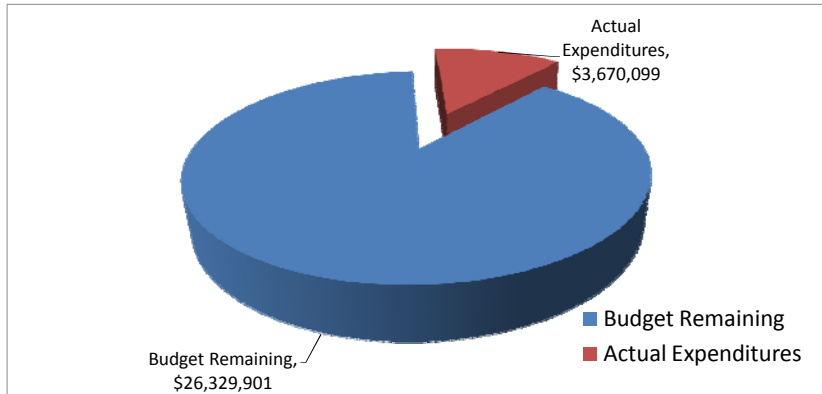
or to leave comments/questions call 541-388-5547 or email [streetbond@ci.bend.or.us](mailto:streetbond@ci.bend.or.us)

# City of Bend Transportation GO Bond Program: Monthly Project Report Number 9: September 2012

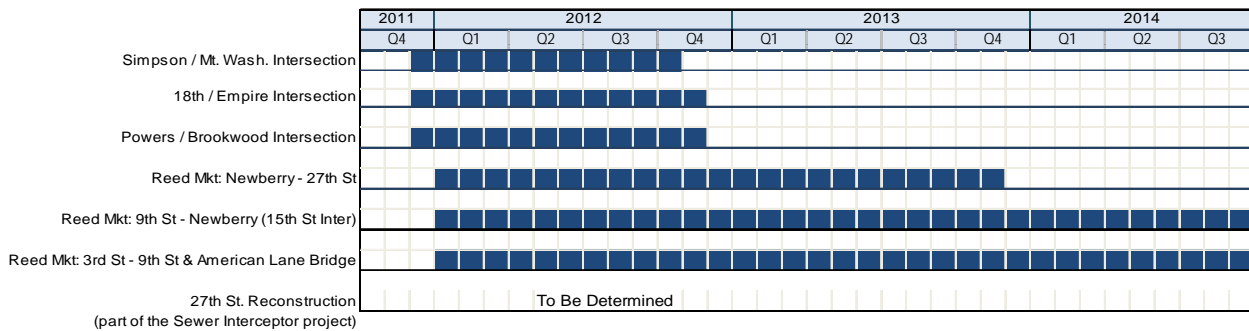
## PROGRAM SUMMARY

### COST:

**City of Bend Transportation GO Bond Program Expenditure Status**



### SCHEDULE:



Individual Project Status						
MPR Page #	Project #	Proj Name	Overall Status	Project Delivery Step	Design Complete %	Construction Complete %
2	1a	Empire / 18th Intersection	G	Construction	100%	30%
3	1b	Simpson / Mt Washington Intersection	Y	Construction	100%	40%
4	1c	Powers / Brookwood Intersection	G	Construction	100%	25%
5	2a	Reed Market: Newberry - 27th	G	Preliminary Eng.	50%	0%
6	2b	15th / Reed Market Intersection	G	Preliminary Eng.	25%	0%
7	2c	Reed Mkt: 3rd - RR incl American Lane	G	Preliminary Eng.	25%	0%

Definitions for Schedule and Budget Status	
<b>Green</b>	Schedule: Project is no more than 5 days behind schedule. Budget: Project is within budget.
<b>Yellow</b>	Schedule: Project is between 6 and 30 days behind schedule. Budget: Project is between 1% and 10% over budget.
<b>Red</b>	Schedule: Project is over 30 days behind schedule. Budget: Project is more than 10% over budget.



**Project 1a - EMPIRE / 18TH INTERSECTION**

**City Project #: ST12CB**

**Project Phase: Construction**

<b>OVERALL</b>	<b>G</b>
<b>SCHEDULE</b>	<b>G</b>
<b>BUDGET</b>	<b>G</b>

**City of Bend Project Manager:** Nick Arnis  
**Program Mgmt Consultant:** HDR Engineering  
**Program Manager:** Stephanie Serpico  
**Design Consultant:** HDR Engineering  
**Project Manager:** Brad Shea  
**Contractor:** Knife River

**Percent Complete:**

**Design: 100%**

**Construction: 30%**

**Project Scope Summary**

Upgrade the existing stop controlled intersection to improve safety and reduce congestion. Construct a roundabout, sidewalks, landscaping strips, storm water facilities, illumination, signs and striping to current city standards.

**Project Activities / Accomplishments**

Completed the installation of inlets and drywells and began laying storm sewer pipe and sewer manholes. Started the construction of retaining walls. Finished grading the intersection for the roundabout. Began the preparation of the ground for curb, sidewalks, drainage swales and base rock.



**Schedule Milestone Summary**

<b>Design</b>	<b>Approved</b>	<b>Forecast</b>	<b>Actual</b>
Concept	Feb-12	Feb-12	2/10/2012
30% Submittal	Feb-12	Feb-12	2/29/2012
60% Submittal	Mar-12	Mar-12	3/27/2012
95% Submittal	Apr-12	Apr-12	4/23/2012
Final Submittal	May-12	May-12	5/7/2012
Advertisement Date	May-12	May-12	5/22/2012
<b>Construction Step</b>	<b>Approved</b>	<b>Forecast</b>	<b>Actual</b>
Bid Date	Jun-12	Jun-12	6/12/2012
Contractor NTP	Jun-12	Jun-12	7/6/2012
Construction Complete	Oct-12	Oct-12	

**Upcoming Project Activities**

Begin pouring concrete curbs and sidewalks. Grade baserock and prepare for concrete roundabout paving.

**Financial Milestone Summary**

<b>Baseline Project Budget - GO Bond only</b>		\$3,188,812	
<b>Current Budget - GO Bond only</b>		\$3,009,248	
<b>Non GO Bond Budget</b>		\$0	
<b>Total Project Budget</b>		<b>\$3,009,248</b>	
<b>Cost Item</b>	<b>Budget</b>	<b>Forecast</b>	<b>Expended</b>
Total	\$3,009,248	\$2,596,667	\$933,989

**Issues Being Worked**

8 additional days have been approved to the contract to acutal depth of an existing sewer line. At this time, the constructor is on schedule and does not need the additional days.



**Project 1b - SIMPSON / MT WASHINGTON INTERSECTION**

**City Project #:** ST12CC

<b>OVERALL</b>	G
<b>SCHEDULE</b>	Y
<b>BUDGET</b>	G

**Project Phase:** Construction

**City of Bend Project Manager:** Nick Arnis  
**Program Mgmt Consultant:** HDR Engineering  
**Program Manager:** Stephanie Serpico  
**Design Consultant:** WH Pacific  
**Project Manager:** Barry Johnson  
**Contractor:** Jack Robinson & Sons

**Percent Complete:** :  
**Design:** 100%  
**Construction:** 40%



**Project Scope Summary**  
 Upgrade the existing stop controlled intersection to improve safety and reduce congestion. Construct a roundabout, sidewalks, landscaping strips, storm water facilities, illumination, signs and striping to current city standards.

**Project Activities / Accomplishments**  
 Completed the installation of the water line construction, and stormwater system. Finished grading the intersection for the roundabout. Began the preparation of the ground for curb, sidewalks, drainage swales and base rock.

<b>Schedule Milestone Summary</b>			
<b>Design</b>	<b>Approved</b>	<b>Forecast</b>	<b>Actual</b>
Concept	Jan-12	Jan-12	1/17/2012
30% Submittal	Jan-12	Jan-12	1/26/2012
60% Submittal	Feb-12	Feb-12	2/24/2012
95% Submittal	Apr-12	Apr-12	4/4/2012
Final Submittal	Apr-12	Apr-12	4/23/2012
Advertisement Date	May-12	May-12	5/7/2012
<b>Construction Step</b>	<b>Approved</b>	<b>Forecast</b>	<b>Actual</b>
Bid Date	May-12	May-12	5/29/2012
Contractor NTP	Jun-12	Jun-12	6/20/2012
Construction Complete	Sep-12	Oct-12	

**Upcoming Project Activities**  
 Begin pouring concrete curbs and sidewalks. Grade baserock and prepare for concrete roundabout paving.

<b>Financial Milestone Summary</b>			
Baseline Project Budget - GO Bond only			\$2,742,916
Current Project Budget - GO Bond only			\$2,665,652
Non GO Bond Budget			\$514,000
<b>Total Project Budget</b>			<b>\$3,179,652</b>
<b>Cost Item</b>	<b>Budget</b>	<b>Forecast</b>	<b>Expended</b>
Total	\$3,179,652	\$2,503,485	\$1,129,309

**Issues Being Worked**  
 Potential schedule delay due to utility relocations and conflicts and access to a property.

**Project 1c - POWERS / BROOKSWOOD INTERSECTION**

City Project #: ST12CD

Project Phase: Construction

OVERALL	G
SCHEDULE	G
BUDGET	G

City of Bend Project Manager: Nick Arnis  
 Program Mgmt Consultant: HDR Engineering  
 Program Manager: Stephanie Serpico  
 Design Consultant: DEA  
 Project Manager: Kevin Bracy  
 Contractor: Jack Robinson & Sons

**Percent Complete:**

Design: 100%

Construction: 25%

**Project Scope Summary**

Upgrade the existing stop controlled intersection to improve safety and reduce congestion. Construct a roundabout, sidewalks, landscaping strips, storm water facilities, illumination, signs and striping to current city standards.

**Project Activities / Accomplishments**

Completed utility relocations. Demolished existing roadway, curbs and sidewalk. Widened the roadway for the roundabout and prepared for the ground for curb, sidewalks, drainage swales and retaining walls.



**Schedule Milestone Summary**

Design	Approved	Forecast	Actual
Concept	Feb-12	Feb-12	2/10/2012
30% Submittal	Feb-12	Feb-12	2/21/2012
60% Submittal	Mar-12	Mar-12	3/27/2012
95% Submittal	Apr-12	Apr-12	4/23/2012
Final Submittal	May-12	May-12	5/7/2012
Advertisement Date	May-12	May-12	5/22/2012
Construction Step	Approved	Forecast	Actual
Bid Date	Jun-12	Jun-12	6/13/2012
Contractor NTP	Jul-12	Jul-12	6/20/2012
Construction Complete	Oct-12	Oct-12	

**Upcoming Project Activities**

Begin pouring concrete curbs and sidewalks. Reconstruct fences and construct retaining walls. Grade baserock and prepare for concrete roundabout paving.

**Financial Milestone Summary**

Baseline Project Budget - GO Bond only	\$2,656,385		
Current Project Budget - GO Bond only	\$2,593,430		
Non GO Bond Budget	\$0		
Total Project Budget	<b>\$2,593,430</b>		
Cost Item	Budget	Forecast	Expended
Total	\$2,593,430	\$2,239,305	\$897,167

**Issues Being Worked**

New contract end date due to the amount of time it took for Utility Companies to relocate their facilities. At this time, no additional time has been approved.



**Project 2a - REED MARKET: NEWBERRY - 27th**

City Project #: ST12CE

Project Phase: Preliminary Eng. Class 4

OVERALL	G
SCHEDULE	G
BUDGET	G

City of Bend Project Manager: Nick Arnis  
 Program Mgmt Consultant: HDR Engineering  
 Program Manager: Stephanie Serpico  
 Design Consultant: Devtech  
 Project Manager: Chris Chambers  
 Contractor: TBD

**Percent Complete:**

Design: 50%  
 Construction: 0%

**Project Scope Summary**

Upgrade the existing roadway to current City of Bend standards to a major arterial. This includes a two travel lanes and a continuous center turn lane, 6 foot shoulders/bike lanes, separated 6 foot sidewalks and landscape strip. Construct new storm water facilities, signing, illumination, retaining walls and striping.



**Project Activities / Accomplishments**

Completed right of way descriptions and began right of way appraisals. Held public open house on August 1st updating public on project design and schedule. Continued working on 60% plans and specifications. Met with Bend Parks and Recreation District to layout sidewalk in front of Senior Center to ensure it was compatible with their master plan.

**Schedule Milestone Summary**

Design	Approved	Forecast	Actual
Concept	May-12	May-12	4/26/2012
30% Submittal	May-12	May-12	6/11/2012
60% Submittal	Aug-12	Oct-12	
95% Submittal	Nov-12	Jan-13	
Final Submittal	Mar-13	Feb-13	
Advertisement Date	Mar-13	Mar-13	
Construction Step	Approved	Forecast	Actual
Bid Date	Apr-13	Apr-13	
Contractor NTP	May-13	May-13	
Construction Complete	Nov-13	Nov-13	

**Upcoming Project Activities**

Continue right of way appraisals, respond to public comments and continue working on 60% plans and specifications. Submit lighting plan to Central Electric Coop to review. Continue discussions with City staff on future water and sewer main upgrades with Reed Market. Set up meeting with Cascade East Transit to discuss bus stop locations along Reed Market.

**Financial Milestone Summary**

Baseline Project Budget - GO Bond only	\$6,073,962		
Current Project Budget - GO Bond only	\$6,158,757		
Non GO Bond Budget	\$0		
<b>Total Project Budget</b>	<b>\$6,158,757</b>		
Cost Item	Budget	Forecast	Expended
Total	\$6,158,757	\$6,158,757	\$341,589

**Issues Being Worked**

No major issues identified at this time.





**Project 2b/c - 15TH / REED MARKET INTERSECTION and 15TH STREET TO 3RD STREET**

City Project #'s: ST12CF and ST12CG

Project Phase: Preliminary Eng.      Class 5

OVERALL	G
SCHEDULE	G
BUDGET	G

City of Bend Project Manager: Nick Arnis  
 Program Mgmt Consultant: HDR Engineering  
 Program Manager: Stephanie Serpico  
 Design Consultant: HWA / CW  
 Project Manager: Mark Douglas / Jim Lord  
 Contractor: TBD

**Percent Complete:**  
 Design: 25%  
 Construction: 0%



**Project Scope Summary**

Upgrade the existing roadway to current City of Bend standards to a major arterial. This includes a two travel lanes and a continuous center turn lane, 6 foot shoulders/bike lanes, separated 6 foot sidewalks and landscape strip. Construct new storm water facilities, signing, lighting, retaining walls and striping. Upgrade the existing the railroad crossing. Realign American Lane to the west of the current location and reconstruct a bridge at the new location. At the intersection of Reed Market and 15th Street, upgrade the existing signalized intersection to improve safety and reduce congestion.



**Prior Project Activities / Accomplishments**

Finalized traffic analysis and submit final report with recommendation. Layout roundabout for final and interim configuration. Met with utility companies to review utility conflicts and possible relocations at the intersection of 15th and Reed Market. Held public open house on August 1st updating public on project design and schedule.

**Upcoming Project Activities**

Prepare concept plans identifying right of way footprint. Complete concept plan design for new bridge at American Lane. Prepare exhibit of the rail crossing on Reed for BNSF to review.

Schedule Milestone Summary			
Design	Approved	Forecast	Actual
Concept	Jun-12	Jun-12	Jul-12
30% Submittal	Jul-12	Nov-12	
60% Submittal	Oct-12	Mar-13	
95% Submittal	Feb-13	Jul-13	
Final Submittal	Feb-13	Jul-13	
Advertisement Date	Aug-13	Sep-13	
Construction Step	Approved	Forecast	Actual
Bid Date	Sep-13	Sep-13	
Contractor NTP	Oct-13	Oct-13	
Construction Complete	Nov-14	Nov-14	

**Issues Being Worked**

Utility relocations and right of way layout. Coordinating with Rail Division on rail crossing improvements at Reed Market. Advanced warning system around 15th Street to warn public if train is on tracks.

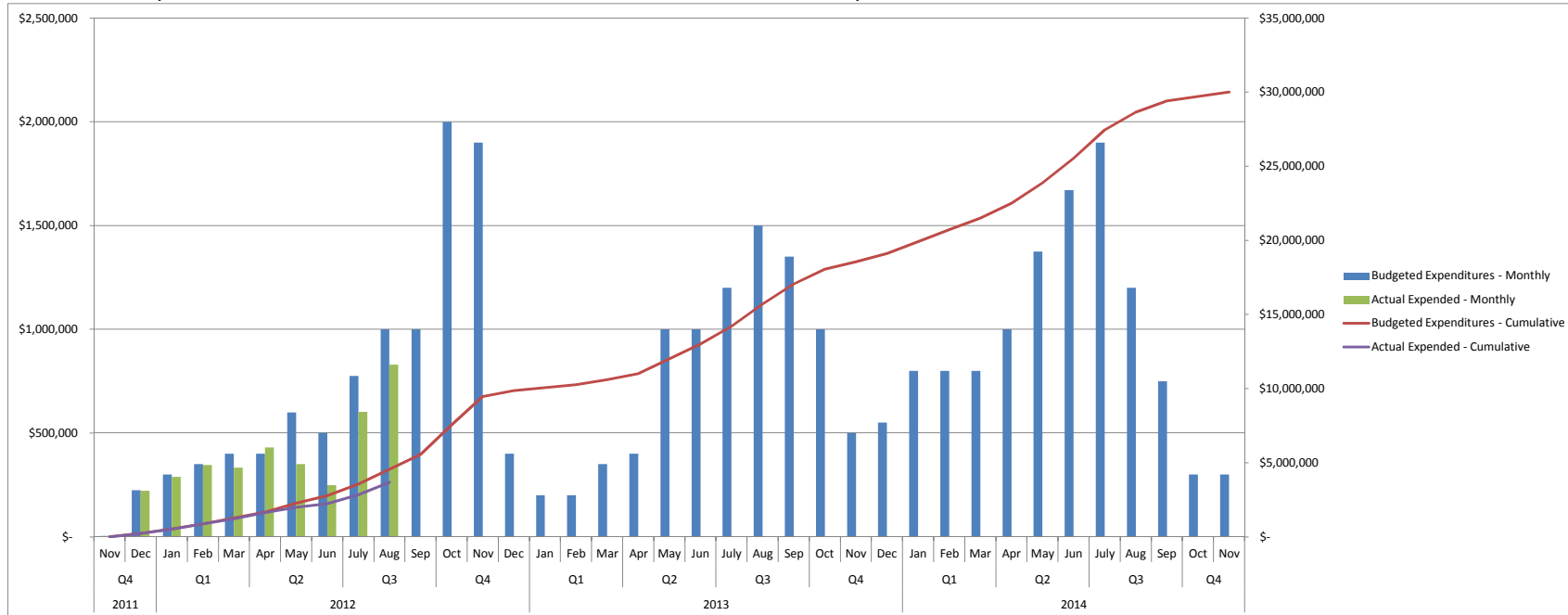
Financial Milestone Summary : Reed Market and 15th			
Cost Item	Budget	Forecast	Expended
Baseline Project Budget - GO Bond only		\$5,399,843	
Current Project Budget - GO Bond only		\$5,489,045	
Non GO Bond Budget		\$0	
Total Project Budget		\$5,489,045	
Total	\$5,489,045	\$5,489,045	\$281,460

Financial Milestone Summary: Reed Market: 3rd St to RR			
Cost Item	Budget	Forecast	Expended
Baseline Project Budget - GO Bond only		\$8,512,579	
Current Project Budget - GO Bond only		\$8,658,365	
Non GO Bond Budget		\$0	
Total Project Budget		\$8,658,365	
Total	\$8,658,365	\$8,658,365	\$354,930



**Appendix 3: PROGRAM CASH FLOW (EXPENDITURE) CURVE**

(Note: ONLY PLANNED GO BOND FUND EXPENDITURES REPRESENTED IN GRAPH)





PROGRAM MAP

