

# City of Bend Transportation GO Bond Program

## *Monthly Progress Report*

December 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)

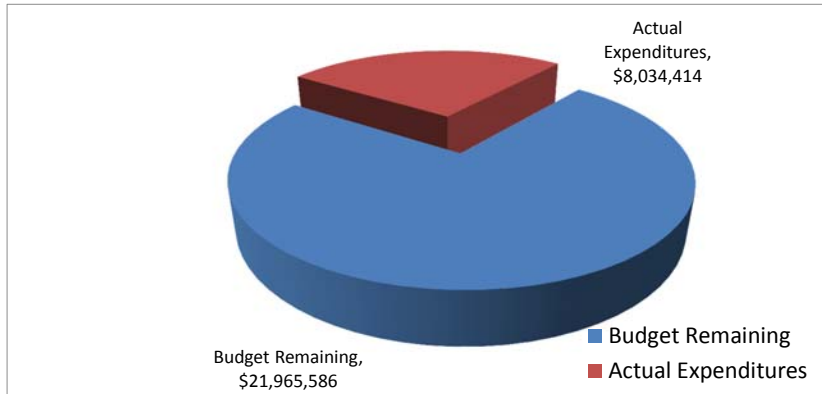
or to leave comments/questions call 541-388-5547 or email [streetbond@ci.bend.or.us](mailto:streetbond@ci.bend.or.us)

# City of Bend Transportation GO Bond Program: Monthly Project Report Number 12: December 2012

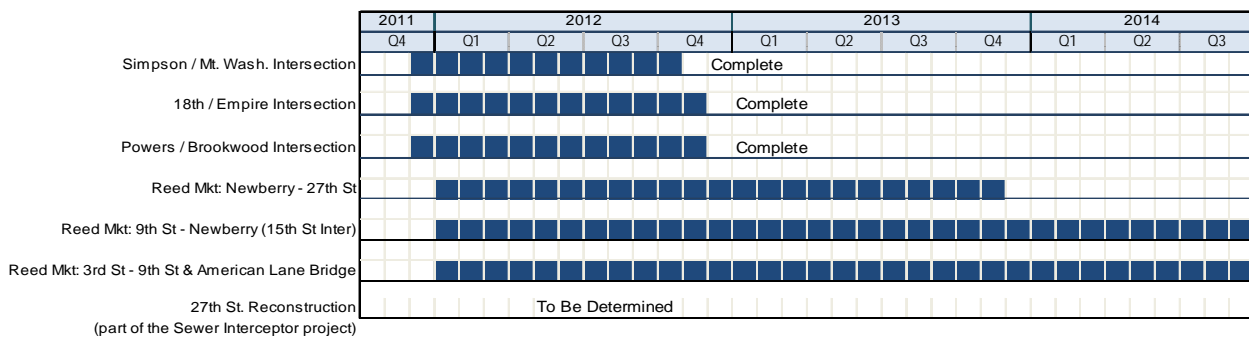
## PROGRAM SUMMARY

### 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%	100%
3	1b	Simpson / Mt Washington Intersection	G	Construction	100%	100%
4	1c	Powers / Brookwood Intersection	G	Construction	100%	100%
5	2a	Reed Market: Newberry - 27th	G	Preliminary Eng.	80%	0%
6	2b/2c	15th / Reed Market Intersection	G	Preliminary Eng.	30%	0%
6	2b/2c	Reed Mkt: 3rd - RR incl American Lane	G	Preliminary Eng.	30%	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>	G
<b>SCHEDULE</b>	G
<b>BUDGET</b>	G

**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: 100%**

**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**

Poured the legs and circulating lane of the roundabout, paved asphalt approaches to the roundabout, installed signs, striping and illumination. Intersection was opened to traffic on Monday, November 19th.



**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	Nov-12	11/19/2012

**Upcoming Project Activities**

General cleanup. Project is substantially complete with landscape monitoring to occur over the next couple of years to ensure plants, trees and shrubs survive.

**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	\$2,814,603	\$2,485,650

**Issues Being Worked**

Striping - temporary striping is being placed in lieu of durable stripes because of temperatures. Permanent striping will be placed next spring.



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

**City Project #:** ST12CC

<b>OVERALL</b>	G
<b>SCHEDULE</b>	G
<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:** 100%



**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**  
 None

<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	10/26/2012

**Upcoming Project Activities**  
 None

<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	\$2,572,849	\$2,218,684

**Issues Being Worked**  
 Striping - temporary striping is being placed in lieu of durable stripes because of temperatures. Permanent striping will be placed next spring.

**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: 100%

**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**

Poured the legs and circulating lane of the roundabout, paved asphalt approaches to the roundabout, installed signs, striping and illumination. Intersection was opened to traffic on Friday, November 16th.



**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	Nov-12	11/16/2012

**Upcoming Project Activities**

General cleanup. Project is substantially complete with landscape monitoring to occur over the next couple of years to ensure plants, trees and shrubs survive.

**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	\$2,311,855	\$1,980,155

**Issues Being Worked**

Striping - temporary striping is being placed in lieu of durable stripes because of temperatures. Permanent striping will be placed next spring.



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

City Project #: ST12CE

Project Phase: Preliminary Eng. Class 3

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: 80%  
 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**

Continued working on right of way - presenting offers and negotiations. Updated plans and specifications based on City comments. Continued working on 95% plans and specifications. Held second public workshop on November 8 to provide update on design, schedule and construction staging. Sent utility conflict letters to companies that have utilities that need to be relocated.

**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	10/18/2012
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 working on right of way - presenting offers and negotiations, 95% plans and specifications and utility coordination.

**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		
Total Project Budget	<b>\$6,158,757</b>		
Cost Item	Budget	Forecast	Expended
Total	\$6,158,757	\$5,333,757	\$550,731

**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: 30%  
 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**

Continue working with power companies on relocation plans. Continued working on right of way descriptions. Submitted 30% plans, specifications and estimate to City for review. Submitted draft rail crossing order to City for review. Held second public meeting on November 8 to provide update on design and schedule. Video monitoring of train crossing events was conducted between Nov. 2 and Nov. 8 to better understand the frequency, duration and queuing impacts of train crossing events. The information is posted on the City of Bend website however, 73 crossing events were recorded with the ave. duration being approx. 3 minutes and the longest being approx. 9. Re-evaluate the geometry of the roundabout at 15th Street to make sure it is compatible with the data gathered from the video monitoring. Finalize advance warning system recommendation - dynamic signs posted at the westbound, northbound and southbound legs that are interconnected to the railroad and "turn on" when a train is present, allowing traffic to use alternate routes.

**Upcoming Project Activities**

Meet with utility companies to coordinate with relocation plans. Hold 30% plan review meeting. Submit updated rail crossing order to ODOT Rail. Continue right of way descriptions and begin appraisal process. Update roundabout to reflect new geometry. Provide update to City Council members.

**Issues Being Worked**

Utility relocations and right of way layout. Construction staging. Coordination with ODOT Rail Division and BNSF on rail crossing improvements at Reed Market and the advanced warning system around 15th Street to warn public if train is on tracks.

**Schedule Milestone Summary**

Design	Approved	Forecast	Actual
Concept	Jun-12	Jun-12	Jul-12
30% Submittal	Jul-12	Nov-12	11/28/2012
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	

**Financial Milestone Summary : Reed Market and 15th**

Baseline Project Budget - GO Bond only	\$5,399,843		
Current Project Budget - GO Bond only	\$5,489,045		
Non GO Bond Budget	\$0		
<b>Total Project Budget</b>	<b>\$5,489,045</b>		
Cost Item	Budget	Forecast	Expended
Total	\$5,489,045	\$5,489,045	\$370,233

**Financial Milestone Summary: Reed Market: 3rd St to RR**

Baseline Project Budget - GO Bond only	\$8,512,579		
Current Project Budget - GO Bond only	\$8,658,365		
Non GO Bond Budget	\$0		
<b>Total Project Budget</b>	<b>\$8,658,365</b>		
Cost Item	Budget	Forecast	Expended
Total	\$8,658,365	\$8,358,365	\$503,435

