

# City of Bend Transportation GO Bond Program

## *Monthly Progress Report*

August 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)

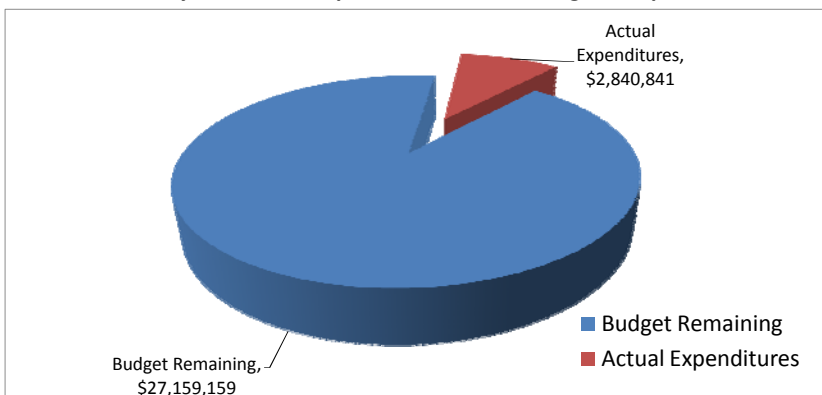
or to leave comments/questions call 541-388-5547 or email [streetbond@ci.bend.or.us](mailto:streetbond@ci.bend.or.us)

# City of Bend Transportation GO Bond Program: Monthly Project Report Number 8: August 2012

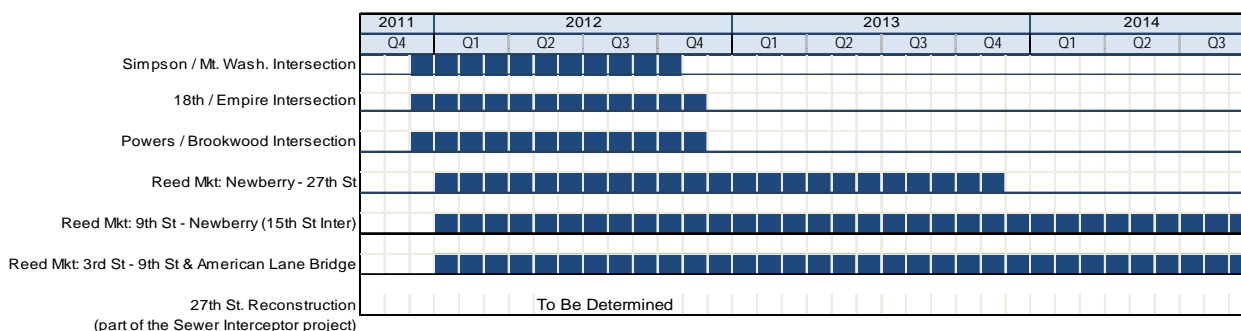
## PROGRAM SUMMARY

### 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%	5%
3	1b	Simpson / Mt Washington Intersection	Y	Construction	100%	30%
4	1c	Powers / Brookwood Intersection	G	Construction	100%	5%
5	2a	Reed Market: Newberry - 27th	G	Preliminary Eng.	40%	0%
6	2b	15th / Reed Market Intersection	G	Preliminary Eng.	20%	0%
7	2c	Reed Mkt: 3rd - RR incl American Lane	G	Preliminary Eng.	20%	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: 5%**

**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**

Issued Notice to Proceed to the Construction Contractor. Scheduled and held a pre-construction conference with the Contractor on July 6 to review project activities, schedule and general construction start-up. Set up detour, closed the intersection and began construction on July 11. Demolished existing roadway, curb and median and began trenching for storm water system, drywells and utility relocations.



**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**

Continue construction of storm water system and drywells. Widen the roadway and prepare for the ground for curb, sidewalks, drainage swales and retaining walls. Continue relocating utilities.

**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	\$2,540,091	\$601,473

**Issues Being Worked**

No major issues being worked at this time.



**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:** 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**  
 Continues installation of the 30 inch water line, pipes and manholes for the storm water system and conduit for the illumination and power facility relocations.

Schedule Milestone Summary			
Design	Approved	Forecast	Actual
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
Construction Step	Approved	Forecast	Actual
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**  
 Completion of water line construction, and stormwater system. Begin the preparation of the ground for curb, sidewalks, drainage swales and base rock.

Financial Milestone Summary			
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>
Cost Item	Budget	Forecast	Expended
Total	\$3,179,652	\$2,500,566	\$885,090

**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: 5%

**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**

Issued Notice to Proceed to the Construction Contractor. Scheduled and held a pre-construction conference with the Contractor on July 12 to review project activities, schedule and general construction start-up. Set up detour, closed the intersection and began construction on July 23.



**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**

Continue construction. Relocation of existing utilities, demolition of existing roadway, curbs and sidewalk.

**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	\$2,200,159	\$712,527

**Issues Being Worked**

No major issues being worked at this time.



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

City Project #: ST12CE

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: Devtech  
 Project Manager: Chris Chambers  
 Contractor: TBD

**Percent Complete:**

Design: 40%  
 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**

Responded to City 30% design review comments and began 60% design. Held right of way layout meeting to determine final proposed right of way. Prepared for public open house in August to update public on project design and schedule.



**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**

Begin right of way descriptions. Continue working on 60% plans and specifications.

**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	\$6,158,757	\$290,350

**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: 20%  
 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**

Completed draft Reed Market Intersection Evaluation Report. Performed field testing of pavement and sub grade for pavement design and life cycle cost analysis comparing concrete pavement to asphalt pavement.



**Upcoming Project Activities**

Finalize traffic analysis and submit final report with recommendation. Layout roundabout for final and interim configuration. Identify right of way footprint and impacts. Meet with utility companies to review utility conflicts and possible relocations. Schedule and plan for public open house in August to update public on project design and schedule.

**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. Lane configuration of Reed Market between Newberry and American Lane and intersection improvements at the intersections of Reed Market and American Lane, 9th Street and 15th Street. Coordinating with Rail Division on rail crossing improvements at Reed Market. Quiet zone analysis, RRF at 9th Street and construction staging.

**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	\$255,497

**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	\$8,658,365	\$308,299



PROGRAM MAP

