

# City of Bend Transportation GO Bond Program

## *Monthly Progress Report*

May 2012



# HDR

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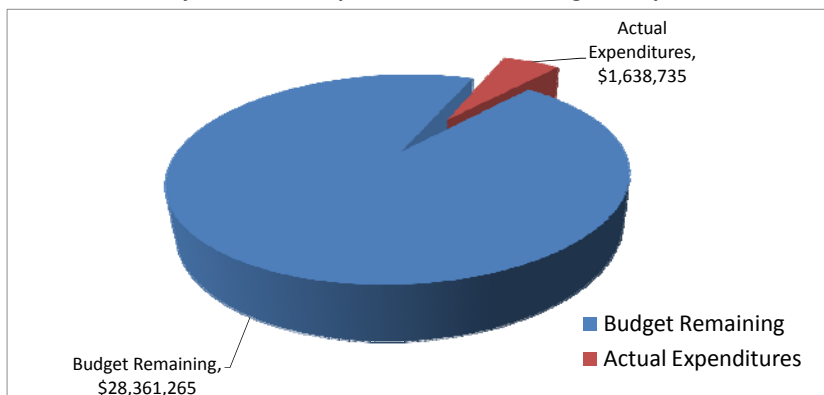
or to leave comments/questions call 541-388-5547 or email [streetbond@ci.bend.or.us](mailto:streetbond@ci.bend.or.us)

# City of Bend Transportation GO Bond Program: Monthly Project Report Number 5: May 2012

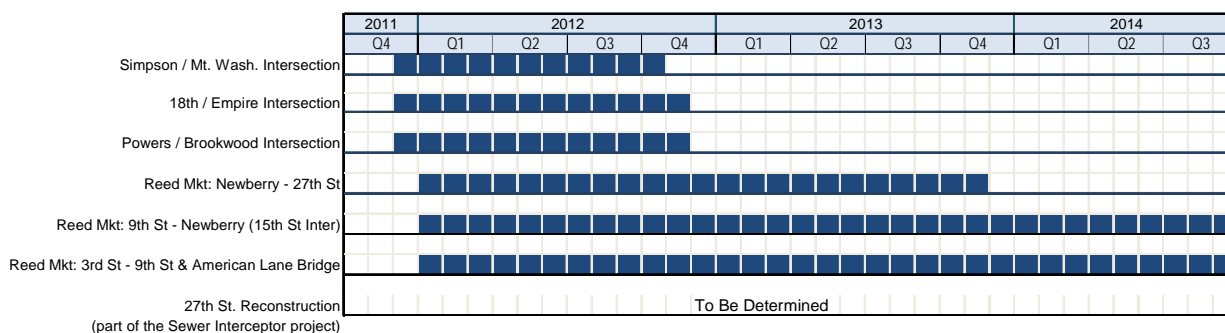
## PROGRAM SUMMARY

### 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	Preliminary Eng.	95%	0%
3	1b	Simpson / Mt Washington Intersection	G	Preliminary Eng.	100%	0%
4	1c	Powers / Brookwood Intersection	G	Preliminary Eng.	95%	0%
5	2a	Reed Market: Newberry - 27th	G	Preliminary Eng.	30%	0%
6	2b	15th / Reed Market Intersection	G	Preliminary Eng.	10%	0%
7	2c	Reed Mkt: 3rd - RR incl American Lane	G	Preliminary Eng.	15%	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: Preliminary Eng. Class 1**

<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:** TBD

**Percent Complete:**

**Design: 95%**

**Construction: 0%**

**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.

**Prior Project Activities / Accomplishments**

Held 60% plan review meeting with City. Started and completed 95% construction plans, specifications and estimate. Held 95% plan review meeting with City. Completed property appraisals and began negotiations. Performed field testing of pavement and subgrade to complete final pavement design.



**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	
Advertisement Date	May-12	May-12	
<b>Construction Step</b>	<b>Approved</b>	<b>Forecast</b>	<b>Actual</b>
Bid Date	Jun-12	Jun-12	
Contractor NTP	Jun-12	Jun-12	
Construction Complete	Nov-12	Nov-12	

**Upcoming Project Activities**

Submit final construction documents to City to review and post for advertisement. Continue working on property negotiations. Meet with Bend/LaPine school district, Fire Dept and COID to discuss project and construction schedule. *Hold mandatory construction pre-bid meeting to be held with Contractors proposing to bid on the project. Respond to Contractor questions. Organize a construction kickoff meeting - to occur prior to construction and detour.*

**Financial Milestone Summary**

Baseline Project Budget - GO Bond only	\$3,188,812		
Current Budget - GO Bond only	\$3,009,248		
Non GO Bond Budget	\$0		
<b>Total Project Budget</b>	<b>\$3,009,248</b>		
<b>Cost Item</b>	Budget	Forecast	Expended
Total	\$3,009,248	\$2,666,959	\$306,188

**Issues Being Worked**

Right of way negotiations.



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

**City Project #:** ST12CC

**Project Phase:** Preliminary Eng. Class 1

<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:** WH Pacific  
**Project Manager:** Barry Johnson  
**Contractor:** TBD

**Percent Complete:** :  
**Design:** 100%  
**Construction:** 0%



**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.

**Prior Project Activities / Accomplishments**  
 Submitted 95% plans to City for review and held 95% review meeting. Met with utility companies to approve relocation plans and incorporated designs in the contract documents. Submitted final construction documents to City for review and posting for advertisement.

<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	
Contractor NTP	Jun-12	Jun-12	
Construction Complete	Nov-12	Nov-12	

**Upcoming Project Activities**  
 Hold mandatory construction pre-bid meeting to be held with contractors proposing to bid on the project. Respond to Contractor questions. Open bids May 29. Organize a construction kickoff meeting - to occur prior to construction and detour.

<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	\$2,591,822	\$342,490

**Issues Being Worked**  
 Right of way acquisitions.

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

City Project #: ST12CD

Project Phase: Preliminary Eng. Class 1

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: TBD

**Percent Complete:**

Design: 95%

Construction: 0%

**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.

**Prior Project Activities / Accomplishments**

Held 60% plan review meeting with City. Started and completed 95% construction plans, specifications and estimate. Held 95% plan review meeting with City. Completed property appraisals and began negotiations. Performed field testing of pavement and subgrade to complete final pavement design. Met with Southwest Neighborhood Association to provide update on the project.



**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	
Advertisement Date	May-12	May-12	
Construction Step	Approved	Forecast	Actual
Bid Date	Jun-12	Jun-12	
Contractor NTP	Jul-12	Jul-12	
Construction Complete	Nov-12	Nov-12	

**Upcoming Project Activities**

Submit final construction documents to City to review and post for advertisement. Continue working on property negotiations. Meet with Bend/LaPine school district, Fire Dept and COID to discuss project and construction schedule. Hold mandatory construction pre-bid meeting to be held with Contractors proposing to bid on the project. Respond to Contractor questions. Organize a construction kickoff meeting - to occur prior to construction and detour.

**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		
<b>Total Project Budget</b>	<b>\$2,593,430</b>		
Cost Item	Budget	Forecast	Expended
Total	\$2,593,430	\$2,364,034	\$380,812

**Issues Being Worked**

Relocation of utilities and right of way negotiations.



**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: 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 stormwater facilities, signing, illumination, retaining walls and striping.

**Prior Project Activities / Accomplishments**

Held concept review meeting with City to approve typical section, design criteria, access management, stormwater management and pedestrian crossings. Performed field testing of pavement and subgrade for pavement design and life cycle cost analysis comparing concrete pavement to asphalt pavement. Began 30% design.



**Schedule Milestone Summary**

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

**Upcoming Project Activities**

Continue working on 30% construction plans and identifying right of way and utility impacts. Complete final pavement design.

**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	\$6,307,794	\$207,955

**Issues Being Worked**

Stormwater management.



**Project 2b - 15TH / REED MARKET INTERSECTION**

City Project #: ST12CF

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  
 Project Manager: Mark Douglas  
 Contractor: TBD

**Percent Complete:**

Design: 10%

Construction: 0%

**Project Scope Summary**

Upgrade the existing signalized intersection to improve safety and reduce congestion. Analyze intersection improvement alternatives. Install sidewalks, landscaping strips, stormwater facilities, illumination, signs and striping to current city standards.

**Prior Project Activities / Accomplishments**

Continued refining traffic analysis and modeling and began traffic report. Met with Old Farm Neighborhood Association to provide update and status on project. Performed field testing of pavement and subgrade for pavement design and life cycle cost analysis comparing concrete pavement to asphalt pavement.

**Upcoming Project Activities**

Finalize traffic analysis and submit draft report with recommendation. Complete final pavement design.



**Schedule Milestone Summary**

Design	Approved	Forecast	Actual
Concept	Jun-12	Jun-12	
30% Submittal	Jul-12	Jul-12	
60% Submittal	Oct-12	Oct-12	
95% Submittal	Feb-13	Feb-13	
Final Submittal	Feb-13	Feb-13	
Advertisement Date	Aug-13	Aug-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**

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.

**Financial Milestone Summary**

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	\$5,638,084	\$176,143



**Project 2c - REED MKT: 3rd St - RR including AMERICAN LANE BRIDGE**

City Project #: 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: Century West  
 Project Manager: Jim Lord  
 Contractor: TBD

**Percent Complete:**

Design: 15%

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 stormwater 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.

**Prior Project Activities / Accomplishments**

Continued refining traffic analysis and modeling and began traffic report. Met with Old Farm Neighborhood Association to provide update and status on project. Performed field testing of pavement and subgrade for pavement design and life cycle cost analysis comparing concrete pavement to asphalt pavement. Met with Central Oregon Irrigation District to review potential impacts to canal. Began concept design at west end of section.

**Upcoming Project Activities**

Finalize traffic analysis and submit draft report with recommendation. Complete final pavement design. Begin concept design on east end of section.

**Issues Being Worked**

Traffic analysis, 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.



**Schedule Milestone Summary**

Design	Approved	Forecast	Actual
Concept	Jun-12	Jun-12	
30% Submittal	Jul-12	Jul-12	
60% Submittal	Oct-12	Oct-12	
95% Submittal	Feb-13	Feb-13	
Final Submittal	Feb-13	Feb-13	
Advertisement Date	Aug-13	Aug-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**

Baseline Project Budget - GO Bond only	\$8,512,581		
Current Project Budget - GO Bond only	\$8,658,367		
Non GO Bond Budget	\$0		
<b>Total Project Budget</b>	<b>\$8,658,367</b>		
Cost Item	Budget	Forecast	Expended
Total	\$8,658,367	\$8,804,624	\$225,147





PROGRAM MAP

