

# City of Bend Transportation GO Bond Program

## *Monthly Progress Report*

March, 2012



# HDR

In association with the Bend offices of the following firms:



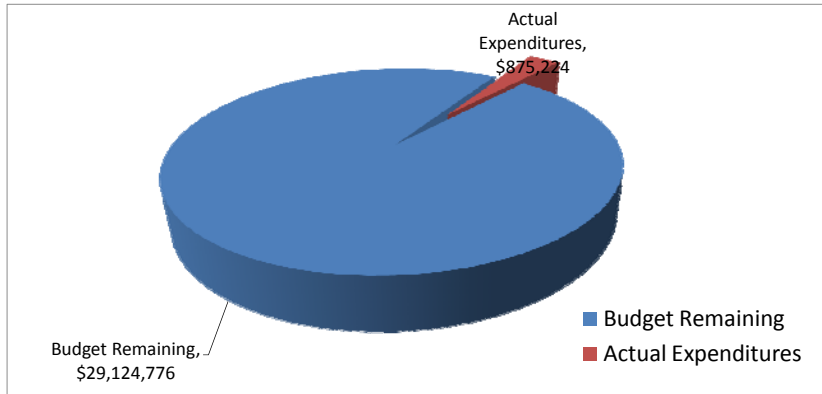
DevTech Engineering, LLC  
Site Planning · Civil Engineering

# City of Bend Transportation GO Bond Program: Monthly Project Report Number 3: March 2012

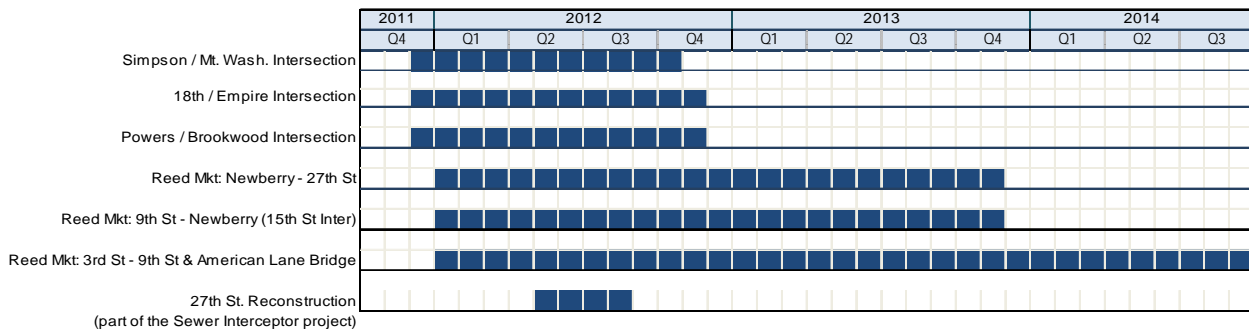
## PROGRAM SUMMARY

### 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.	40%	0%
3	1b	Simpson / Mt Washington Intersection	G	Preliminary Eng.	60%	0%
4	1c	Powers / Brookwood Intersection	G	Preliminary Eng.	40%	0%
5	2a	Reed Market: Newberry - 27th	G	Preliminary Eng.	20%	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: 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: HDR Engineering  
 Project Manager: Brad Shea  
 Contractor: TBD

**Percent Complete:**

Design: 40%

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 Concept and 30% design review meeting discussing roundabout geometry, stormwater management and right of way impacts. Started work on the 60% plans and specifications and traffic detour. Concurred on right of way impacts and began right of way descriptions. Completed preliminary pavement design and illumination layout.



**Schedule Milestone Summary**

Design	Approved	Forecast	Actual
Concept	Feb-12	Feb-12	2/10/2012
30% Submittal	Feb-12	Feb-12	2/29/2012
60% Submittal	Mar-12	Mar-12	
95% Submittal	Apr-12	Apr-12	
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	Jun-12	Jun-12	
Construction Complete	Nov-12	Nov-12	

**Upcoming Project Activities**

Continue work on 60% design plans, specifications and construction estimate. Begin right of way descriptions and negotiations. Schedule 60% design review meeting. Meet with Boyd Acres neighborhood association to discuss detours and construction schedule.

**Financial Milestone Summary**

Baseline Project Budget - GO Bond only	\$3,252,146		
Current Budget - GO Bond only	\$3,252,146		
Non GO Bond Budget	\$0		
<b>Total Project Budget</b>	<b>\$3,252,146</b>		
Cost Item	Budget	Forecast	Expended
Total	\$3,252,146	\$3,252,146	\$123,526

**Issues Being Worked**

Storm water management, construction detours, utility relocations and right of way acquisitions.



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

**City Project #:** ST12CC

**Project Phase:** Preliminary Eng. Class 4

<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:** 60%  
**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**

Completed 60% plans, specifications and estimate documents and held 60% review meeting. Completed appraisals of impacted properties and began negotiations. Met with Art in Public Places representative to discuss timing of construction of the roundabout and call for artists. Identified water line upgrades from City Water Master Plan and decided to include improvements in project.

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

**Upcoming Project Activities**

Continue working on right of way negotiations and acquisitions. Prepare 95% design plans and hold 95% design review meeting. Work with Utility companies on relocations.

**Financial Milestone Summary**

Baseline Project Budget - GO Bond only	\$2,806,250		
Current Project Budget - GO Bond only	\$2,806,250		
Non GO Bond Budget	\$514,000		
<b>Total Project Budget</b>	<b>\$3,320,250</b>		
Cost Item	Budget	Forecast	Expended
Total	\$3,320,250	\$2,806,250	\$188,001

**Issues Being Worked**

None at this time.



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

City Project #: ST12CD

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: DEA  
 Project Manager: Kevin Bracy  
 Contractor: TBD

**Percent Complete:**

Design: 40%

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 Concept and 30% design review meeting discussing roundabout geometry, stormwater management and right of way impacts. Started work on the 60% plans and specifications and traffic detour. Concurred on right of way impacts and began right of way descriptions. Completed preliminary pavement design and illumination layout.



**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	
95% Submittal	Apr-12	Apr-12	
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**

Continue work on 60% design plans, specifications and construction estimate. Begin right of way descriptions and negotiations. Schedule 60% design review meeting. Meet with Southwest and Southern Crossing neighborhood associations to discuss detours and construction schedule.

**Financial Milestone Summary**

Baseline Project Budget - GO Bond only	\$2,719,717		
Current Project Budget - GO Bond only	\$2,719,717		
Non GO Bond Budget	\$0		
<b>Total Project Budget</b>	<b>\$2,719,717</b>		
Cost Item	Budget	Forecast	Expended
Total	\$2,719,717	\$2,719,717	\$183,151

**Issues Being Worked**

Storm water management, construction detours, utility relocations and right of way acquisitions.



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



**Prior Project Activities / Accomplishments**

Continued work on scoping and validation memo, coordinating with utilities and researching City masterplan documents to identify conflicts or potential improvements. Started right of way base map and identifying City right of way. Prepared draft utility conflict reports and stormwater reports.

**Schedule Milestone Summary**

Design	Approved	Forecast	Actual
Concept	May-12	May-12	
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**

Start on 30% design.

**Financial Milestone Summary**

Baseline Project Budget - GO Bond only	\$6,147,296		
Current Project Budget - GO Bond only	\$6,147,296		
Non GO Bond Budget	\$0		
<b>Total Project Budget</b>	<b>\$6,147,296</b>		
Cost Item	Budget	Forecast	Expended
Total	\$6,147,296	\$6,147,296	\$119,835

**Issues Being Worked**

Utility relocation schedules and right of way impacts. Coordinating construction schedule with other City projects.



**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: 20%

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**

Continue work on traffic analysis identifying key operational issues and corridor assumptions, and completing fatal flaw analysis of potential intersection improvements at Reed Market and 15th, 9th and American Lane intersections.

**Upcoming Project Activities**

Continue work on traffic analysis identifying key operational issues and corridor assumptions, and completing fatal flaw analysis of potential intersection improvements at Reed Market and 15th, 9th and American Lane intersections.

**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.



**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	\$5,468,677		
Current Project Budget - GO Bond only	\$5,468,677		
Non GO Bond Budget	\$0		
<b>Total Project Budget</b>	<b>\$5,468,677</b>		
Cost Item	Budget	Forecast	Expended
Total	\$5,468,677	\$5,468,677	\$102,585



**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: 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 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**

Prepared concept designs which involved looking at options for various widths of right-of-way, analyzing costs for each concept, and checking for potential conflicts and design challenges. Attended a coordination meeting with the Central Oregon Irrigation District regarding encroachments on COID property were investigated. Continue work on traffic analysis identifying key operational issues and corridor assumptions, and completing fatal flaw analysis of intersection improvements at Reed Market and 15th, 9th and American Lane intersections.

**Upcoming Project Activities**

Traffic workshop to discuss outcome of traffic analysis. Start work on 30% design.

**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	\$8,605,914		
Current Project Budget - GO Bond only	\$8,605,914		
Non GO Bond Budget	\$0		
<b>Total Project Budget</b>	<b>\$8,605,914</b>		
Cost Item	Budget	Forecast	Expended
Total	\$8,605,914	\$8,605,914	\$158,126





PROGRAM MAP

