

City of Bend Transportation GO Bond Program

Monthly Progress Report

April 2012



HDR

In association with the Bend offices of the following firms:



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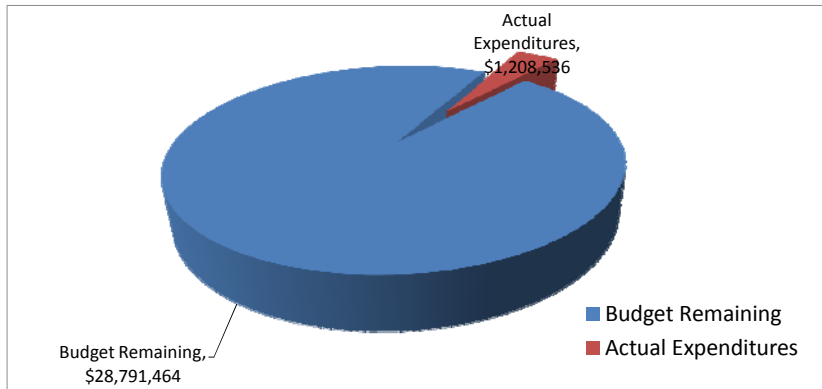
or to leave comments/questions call 541-388-5547 or email streetbond@ci.bend.or.us

City of Bend Transportation GO Bond Program: Monthly Project Report Number 4: April 2012

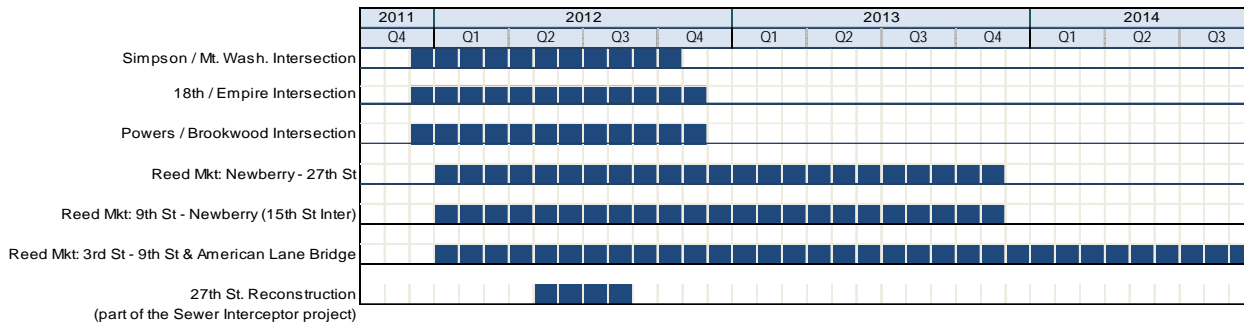
PROGRAM SUMMARY

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.	70%	0%
3	1b	Simpson / Mt Washington Intersection	G	Preliminary Eng.	80%	0%
4	1c	Powers / Brookwood Intersection	G	Preliminary Eng.	60%	0%
5	2a	Reed Market: Newberry - 27th	G	Preliminary Eng.	20%	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	
Green	Schedule: Project is no more than 5 days behind schedule. Budget: Project is within budget.
Yellow	Schedule: Project is between 6 and 30 days behind schedule. Budget: Project is between 1% and 10% over budget.
Red	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 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: HDR Engineering
Project Manager: Brad Shea
Contractor: TBD

Percent Complete:

Design: 70%

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 on 95% construction plans, specifications and estimate. Completed property appraisals and began negotiations.



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	3/27/2012
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 working on 95% construction plans, specifications and estimate. Hold 95% plan review meeting with City. Start on final construction plans, specifications and estimate. Work with City on possible sewer conflict and relocation. Continue working on property negotiations. Meet with Bend/LaPine school district, Fire Dept and COID to discuss project and construction schedule. Perform field testing of pavement and subgrade to perform pavement design where project limits were extended to pave deteriorated sections.

Financial Milestone Summary

Baseline Project Budget - GO Bond only	\$3,188,813		
Current Budget - GO Bond only	\$3,107,734		
Non GO Bond Budget	\$0		
Total Project Budget	\$3,107,734		
Cost Item	Budget	Forecast	Expended
Total	\$3,107,734	\$3,107,734	\$191,852

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 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: WH Pacific
Project Manager: Barry Johnson
Contractor: TBD

Percent Complete: :
Design: 80%
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
 Continued work on 95% plans, specifications and estimate documents and submitted to City for review. Met with impacted property owners to discuss project specifics. Continue working with utility companies on relocation plans and schedules. Met with Art in Public Places to discuss timing of construction and to provide area available for art in the center of the roundabout.

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 95% construction plans, specifications and estimate, hold 95% plan review meeting and submit final documents to City. Continue working on right of way negotiations.

Financial Milestone Summary			
Baseline Project Budget - GO Bond only		\$2,742,917	
Current Project Budget - GO Bond only		\$2,764,133	
Non GO Bond Budget		\$514,000	
Total Project Budget		\$3,278,133	
Cost Item	Budget	Forecast	Expended
Total	\$3,278,133	\$2,764,133	\$251,741

Issues Being Worked
 None at this time.

Project 1c - POWERS / BROOKSWOOD INTERSECTION

City Project #: ST12CD

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: DEA
 Project Manager: Kevin Bracy
 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

Held 60% plan review meeting with City. Started on 95% construction plans, specifications and estimate. Completed property appraisals and began negotiations.



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	
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 working on 95% construction plans, specifications and estimate. Hold 95% plan review meeting with City. Start on final construction plans, specifications and estimate. Continue working on property negotiations. Meet with Bend/LaPine school district, Fire Dept and Cascade East Transit to discuss project and construction schedule. Perform field testing of pavement and subgrade to perform pavement design where project limits were extended to pave deteriorated sections. Meet with Southwest neighborhood associations to discuss project design, detours and construction schedule.

Financial Milestone Summary

Baseline Project Budget - GO Bond only	\$2,656,386		
Current Project Budget - GO Bond only	\$2,691,911		
Non GO Bond Budget	\$0		
Total Project Budget	\$2,691,911		
Cost Item	Budget	Forecast	Expended
Total	\$2,691,911	\$2,691,911	\$269,690

Issues Being Worked

Utility relocations.



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

Completed scoping and validation memo. Completed field survey, right of way base map and identified City right of way. Held coordination meeting with City to discuss typical section, design criteria, access management, stormwater management and pedestrian crossings.

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

Continue working on traffic modeling and alternatives analysis and start concept. Meet with Neighborhood associations to discuss status of the project.

Financial Milestone Summary

Baseline Project Budget - GO Bond only	\$6,073,963		
Current Project Budget - GO Bond only	\$6,060,897		
Non GO Bond Budget	\$0		
Total Project Budget	\$6,060,897		
Cost Item	Budget	Forecast	Expended
Total	\$6,060,897	\$6,060,897	\$161,435

Issues Being Worked

None at this time.



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

Held traffic workshop to discuss outcome of traffic modeling and analysis and possible design alternatives. Continue refining traffic analysis and modeling, 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

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.

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

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.

Financial Milestone Summary			
Baseline Project Budget - GO Bond only		\$5,399,844	
Current Project Budget - GO Bond only		\$5,389,422	
Non GO Bond Budget		\$0	
Total Project Budget		\$5,389,422	
Cost Item	Budget	Forecast	Expended
Total	\$5,389,422	\$5,389,422	\$137,552



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

Held traffic workshop to discuss outcome of traffic modeling and analysis and possible design alternatives. Continue refining traffic analysis and modeling, 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

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. 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	\$8,512,579		
Current Project Budget - GO Bond only	\$8,560,404		
Non GO Bond Budget	\$0		
Total Project Budget	\$8,560,404		
Cost Item	Budget	Forecast	Expended
Total	\$8,560,404	\$8,560,404	\$196,265



PROGRAM MAP

