

FINAL PLAN ADOPTED » APRIL 23, 2008



Capital Improvement Program



FY 2008-2009
THROUGH 2012-2013

City of Albany
Capital Improvement Program

FY 2008-2009 through 2012-2013



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MAYOR



Floyd Collins

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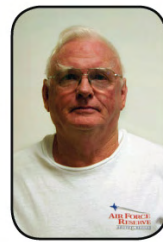


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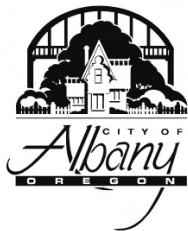


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To the City Council and Citizens of Albany:



The “Rule of 72” explains how long it takes to double your money if you invest at a fixed annual rate of interest. I’m not sure I understand how the rule works, but I know that it is a powerful way to demonstrate the value of saving money. If, for example, you invest \$100,000 at seven percent annual interest you will have \$200,000 in 10.3 years ($72/7$). The point of the Rule is that compound interest is an important thing to understand and that having an investment strategy is equally important.

The City of Albany Capital Improvement Program for 2009-2013 attempts to recognize the importance of systematic investment and saving for critical projects. The condition of the City’s physical infrastructure is not as easy to track as a financial investment, but it is no less important that we understand how our assets are appreciating and depreciating over time. We also need to identify how the resources we have can be used to gain the most value from our infrastructure investments.

Unfortunately, not all capital improvements are created equal. People have different perceptions about what is important and what is not. A new street improvement project in a neighborhood across town may be of far less interest than one under consideration a block away. The Capital Improvement Program attempts to use objective standards for determining where investments will be made, although we know that not everyone will be satisfied with either the criteria or the projects that result. People may also be unhappy with the long list of projects that have no identified sources of funding. Just as there is never enough money to do everything we might want to do at home, there is never enough money to do everything we might want to do as a community. When wants become needs, we begin saving and we look for potential new funding sources. In extreme cases, it may be necessary to put a bond measure before the voters. We have no current plans to ask the voters for additional resources, recognizing that the water and wastewater treatment plants have imposed a significant burden on residents and businesses.

My hope is that the Capital Improvement Program adequately explains to our citizens why we are proposing to invest in the projects it identifies. My interest and the interest of city staff is that we make the best possible choices that will be of the greatest benefit to the community as a whole. I am confident that with the oversight of the Council, Budget Committee and the public we can achieve that result.

Respectfully submitted,

Wes Hare
City Manager

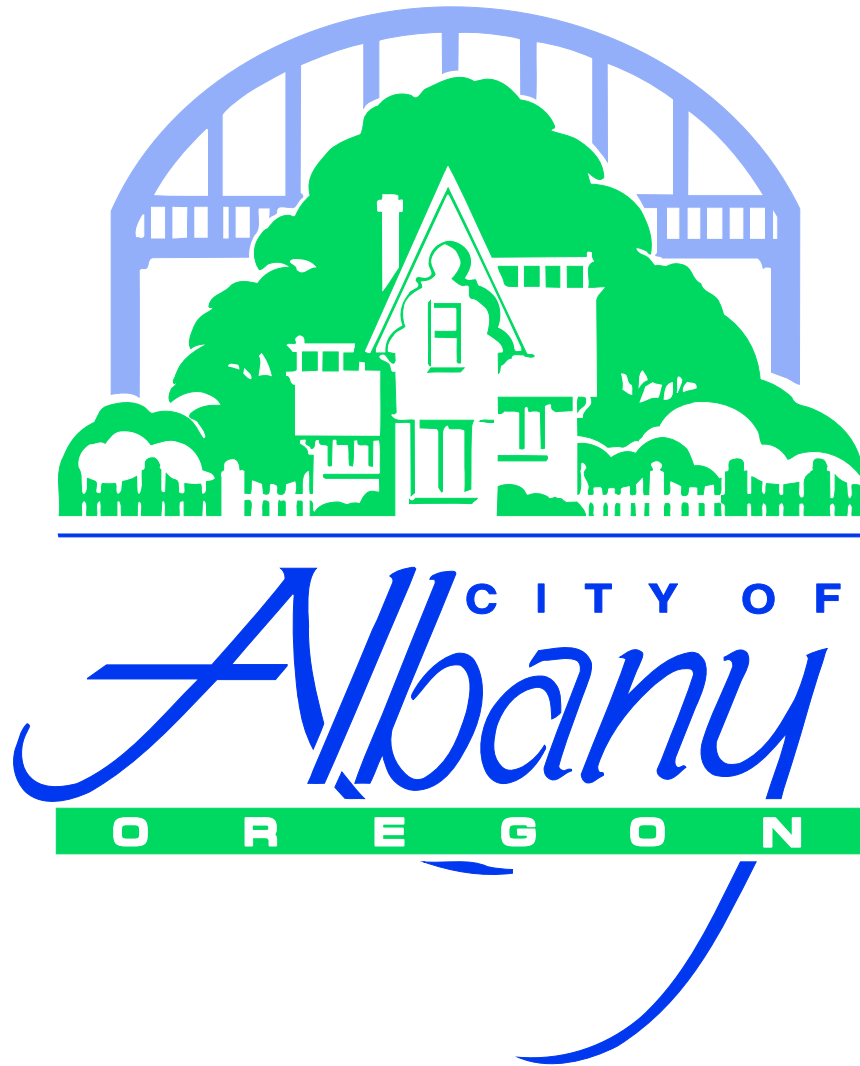
Table of Contents

THE DISCUSSION

| | |
|----------------------|---------|
| Introduction | Page 1 |
| Finances..... | Page 9 |
| Community Needs..... | Page 13 |

THE PROJECTS

| | |
|------------------------|---------|
| Revitalization..... | Page 17 |
| Public Facilities..... | Page 21 |
| Parks | Page 27 |
| Transportation | Page 51 |
| Wastewater | Page 77 |
| Water..... | Page 99 |



Introduction

Decisions, Decisions, Decisions!

Strategic planning will focus our community strategies and actions

The City of Albany Strategic Plan is guided by three fundamental elements: our mission, our vision, and our core values. Our mission statement is based on the principles of high quality and continuous improvement. Our vision statement presents a compelling future toward which our strategic plan is directed. Both our mission and our vision are founded on basic values that guide all our actions and reflect what we expect from our employees and elected officials.

Our Mission: Providing quality public services for a better Albany community.
Our Vision: A vital and diversified community that promotes a high quality of life, great neighborhoods, balanced economic growth, and quality public services.

If our mission and vision statements are to have any meaning, they must be accompanied by deliberate planning to move the organization and community toward a desired future. This requires clearly defined goals, proactive strategies, committed leadership, and effective management under significant forces of change. These forces include changing community demographics, new state and federal mandates, fiscal constraints, changing economic conditions, emerging technologies, and many other influences on our service delivery efforts. The best tool for accomplishing our community objectives is strategic planning. Therefore, the Albany City Council has developed a strategic plan.

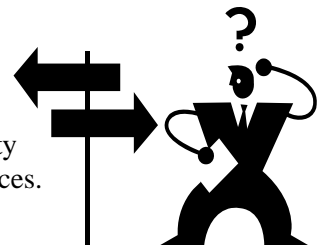
The four primary themes of the strategic plan are Great Neighborhoods, a Safe City, a Healthy Economy, and an Effective Government.

Financial Planning

The Capital Improvement Program (CIP) is a planning document that identifies capital projects in the next five-year horizon for elected officials, citizens, and staff. The first year of the CIP will be the basis for developing the capital portion of the forthcoming City Budget for 2008-2009. Once a project appears in the first year of the CIP and makes it into the budget, it does not appear again in the CIP because the project has moved beyond the planning phase.

How to Use This Report

Each section of the report deals with a major infrastructure service the City provides. You will find separate sections for parks, public facilities, revitalization, transportation, wastewater, and water. There is also a community needs section showing the most important projects without secured funding sources.



Each project scheduled over the next five years is individually identified. Each project shows the total cost and the sources of money used to pay for it. In certain cases, special emphasis by way of a signpost is shown for projects financed through General Obligation bonds or revenue bonds, along with those projects qualifying for System Development Charge funding for some or all of their costs.

Example:

REVENUE BOND

SDC

This CIP shows the total cost of a project in the year it is funded. Once a funded project moves into the annual City Budget, it will no longer appear in the CIP.

Each project has a unique CIP identification number attached to it. Related projects occurring in different areas, or over several years, are linked by use of a phase identifier. As a result, on any given project sheet, you will also see all the related projects regardless of the CIP section in which they appear.

The CIP Process

Actually it is fairly simple. This report is distributed to the City Council, Planning Commission, and Budget Committee and copies are made available to the public at the Library, City Hall, and on the City's web site. A joint work session of the City Council, Planning Commission, and Budget Committee will be held to go over the proposed project list and ask questions to clarify issues and information.

Following the joint work session, a public hearing will be held where anyone and everyone is invited to express feelings about these plans for the future. Following the public hearing process, the City Council will revise the CIP as necessary and then adopt the final Program. This final version becomes the basis for projects found in the City Budget.

Cross Check: Accomplishments and On-Going Projects

The following list shows projects funded in prior CIPs and budgets that are currently in process or which have been revised or completed. Because these and earlier continuing projects have been authorized and funded, they no longer appear in the detail pages of the CIP.

PARKS

COMPLETED #1773 53rd Avenue Park Development

New neighborhood park completed in fall 2007.

COMPLETED #1774 Swanson Park Playground Replacement

New playground, path, and other park improvements were dedicated in July 2007.

IN PROCESS #1321 Timber Hill Park Acquisition (formerly Clover Ridge Park Acquisition)

Acquisition of the site for this new neighborhood park, serving northeast Albany, should occur in spring 2008. Development of this park is initiated under CIP #1903, Neighborhood Park Development – Timberhill Site, shown in FY 2008-09 of the CIP.

IN PROCESS #1324 River View Heights Playground Replacement

This project, initially scheduled for completion in 2007, is under design. Completion is now projected for June 2008.

IN PROCESS #1807 New Community Park Acquisition

Originally scheduled for FY 2006-07, the City is negotiating for the purchase of a new community park in south Albany. The site should be purchased in early 2008. Design of the park as a soccer complex will begin in FY 2008-09, with construction later in the CIP.

IN PROCESS #1894 Oak Street Park Development

The City has secured a state grant to underwrite development costs for this new neighborhood park. The park is to be built on property that has been conveyed to the City by the Boys & Girls Club of Albany. Construction should begin in spring 2008, with completion projected for the end of 2008.

IN PROCESS #1900 Teloh Calapooia Park Playground Replacement

Playground equipment has been purchased and will be installed in spring 2008.

IN PROCESS #1901 Timber Linn Park Improvements, Ph1A

This project funds park improvements related to the construction of a new YMCA in Timber Linn Park. Improvements are in design and construction is projected to begin in June 2008, pending the completion of fundraising by the YMCA and final approval by the City Council.

IN PROCESS #1922 Eades Park Development

This project will build a new Eades Park, replacing the existing park which has been displaced by the expansion of the wastewater treatment plant. Construction should begin in spring 2008.

DEFERRED #1903 Timberhill Park Site Development

As mentioned above, acquisition of the site for this new neighborhood park, serving northeast Albany, should occur in spring 2008. The development project has been rescheduled for FY 2008-09.

DEFERRED #1902 Swanson Park/Albany Train Station Connector

This path is a federally funded project, currently awaiting final approvals by ODOT. Project construction is now projected for FY 2008-09.

DEFERRED #1898 Pineway Park Playground Replacement

This project has been rescheduled to FY 2008-09, in order to secure alternative funding through grants or donations to supplement Parks and Recreation operating budget funds.

DEFERRED #1899 Henderson Park Playground Replacement

This project has been rescheduled to FY 2008-09, in order to secure alternative funding through grants or donations to supplement Parks and Recreation operating budget funds.

PUBLIC FACILITIES

COMPLETED #1778 Carnegie Library Emergency Systems

This work has been completed.

COMPLETED #1916 Maple Lawn Roof Replacement

This work has been completed.

IN PROCESS #1743 Operations Building Improvements (Phase 1)

This project remains in process as needs and opportunities continue to be clarified. Completion of the initial improvements is anticipated in 2009-10 with completion of the new wastewater treatment plant expansion.

IN PROCESS #1905 New Library Facility

The City has hired an architect to lead the design and construction effort for the remodeling of the building purchased (Unitrin Building) last year for the new library. The renovation is anticipated to be complete in late 2008.

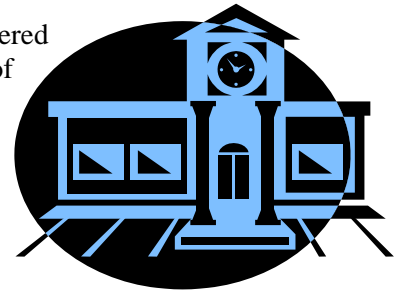
IN PROCESS #1915 Albany Police Station HVAC Evaluation

A final report is anticipated by the end of this fiscal year.

REVITALIZATION

IN PROCESS #1339 CARA Downtown Building Revitalization Program

This Central Albany Revitalization Area (CARA)-funded program has offered technical assistance, loans, and grants for the private redevelopment of commercial structures in the downtown area.



TRANSPORTATION

COMPLETED #1795 2nd Avenue Crossing of Periwinkle Creek

COMPLETED #1797 Grand Prairie Road Street Improvements

This project was completed summer 2007.

COMPLETED #1882 Albany Airport FAA Improvements

These improvements were completed summer 2007.

COMPLETED #1918 Water Avenue Streetscape Plan

This project was completed winter 2008.

DELETED #1787 Albany Airport Fiber Optic Improvements

IN PROCESS #1654 North Albany Park and Ride

The City is in the process of developing consultant agreements. Construction is currently scheduled for 2010.

IN PROCESS #1796 Regional Multimodal Transportation Center (Phases 2 and 3)

Consultant agreements are in process.

IN PROCESS #1868 53rd Avenue Extension

This project is currently in process with design completed in early 2008.

IN PROCESS #1883 Albany Transit System – Bus Replacement

IN PROCESS #1913 Waverly Drive Rehabilitation, Phase 1

This project is planned for construction in summer 2008.

IN PROCESS #1919 Gibson Hill Road/Oak Grove Drive Pedestrian Path Assessment – Gibson Hill Park to Oak Grove School

This assessment is currently in process. Staff is working with Benton County and Safe Routes to School.

DEFERRED #1852 Albany Municipal Airport Landscaping

This project has been rescheduled for FY 2008-09.

WASTEWATER

COMPLETED #1625 Queen and Thurston Vicinity

This project was completed spring 2007.

COMPLETED #1627 19th and 22nd Avenues, Oak Street SE, and Hill Street Area Back Lot Line Sewer Rehabilitation

This project was completed spring 2007.

COMPLETED #1797 Grand Prairie Road Sewer Extension

This project was completed summer 2007.

COMPLETED #1855 Cox Creek Flow/Capacity Basin Evaluation

This evaluation was completed in spring 2007.

COMPLETED #1869 Gatorade Development Sewer System Improvements

This project was completed spring 2007.

IN PROCESS #1193 Calapooia Interceptor: Takena – 12th

This project is currently in design and is planned for construction in summer 2009.

IN PROCESS #1196 34th Avenue Lift Station Replacement

This project is currently in the design phase and is planned for construction in summer 2008.

IN PROCESS #1197 Treatment Plant Improvements – Construction

Construction is currently in progress.

IN PROCESS #1920 North Albany Lift Station and Force Main Improvements

This project is currently in design.

DEFERRED #1630 Oak Creek Lift Station and Force Main Improvements

This project is under design and easements for the force main are being acquired. Construction has been deferred to fiscal year 2010-11.

WATER

COMPLETED #1610 Maple Street, Walnut Street, 11th Avenue, and 12th Avenue Area

This project has been completed,

COMPLETED #1614 14th, Hill, Tudor, Main, 11th, Old Oak, Oak, and Sherman Area

This project was completed summer 2007.

COMPLETED #1616 Sunny Lane NW and Erin Crest NW Water Line Replacement

This project was completed summer 2007.

COMPLETED #1633 South Albany Transmission Main

This project was completed in fall 2007.

COMPLETED #1683 Zone 4 Separation – New Piping and Pump Station

This project was completed summer 2007.

COMPLETED #1685 Chlorine System Safety Improvements

This project was completed in fall 2007.

COMPLETED #1686 Crocker Lane, Gibson Hill Northward

This project was completed summer 2007.

COMPLETED #1797 Grand Prairie Road Water Line Extension

This project was completed summer 2007.

COMPLETED #1853 17th Avenue and Burkhart Street Water Line Infill

This project was completed summer 2007.

IN PROCESS #1257 Hydroelectric Facility Improvements

Construction is underway. The existing turbine has been removed. The new turbine is anticipated to be installed in the spring of 2008 and construction should be complete by fall 2008.

IN PROCESS #1298 Madison Street and 12th Avenue Area

This project is currently in design and is planned for construction in spring 2008.

IN PROCESS #1603 9th Avenue, 10th Avenue, 15th Avenue, and Park Terrace Water Line Replacement

This project is currently in design and is planned for construction in summer 2008.

IN PROCESS #1611 4th Avenue, 5th Avenue, and Chicago Area

This project is currently in design and is planned for construction in spring 2008.

IN PROCESS #1615 Maier Lane, Skyline Terrace to Penny Lane Water Line Replacement

This project is currently under design. The project scope and timing will be impacted by a proposed private development in the vicinity of the project. Final design and construction will not be completed until the private development is completed.

IN PROCESS #1675 Santiam-Albany Canal Improvements (Phase 3, 4, and 5)

Design and construction activities are currently underway. Excessive brush removal, bank repairs, and hydraulic analysis are just some of the activities.

IN PROCESS #1680 Bank Protection at Backwash Lagoons (Phase 2)

Alternative evaluations are underway on this project.

IN PROCESS #1745 Water System Security Upgrades

Security upgrades are currently under design. Equipment installation includes items such as intrusion alarms and motion detectors.

IN PROCESS #1748 Broadway, Wildwood, and 34th Avenue Reservoir Improvements

This project is currently in the design phase and is planned for construction in summer 2008.

IN PROCESS #1750 Valley View Reservoir Improvements

This project is currently in design and is planned for construction summer 2008.

IN PROCESS #1854 Ellingson Road Reservoir Siting Evaluation and Property Acquisition

A general location has been identified and staff continues to look for opportunities to purchase the required amount of property for a reservoir site.

IN PROCESS #1861 Water System Seismic Protection Upgrades (Stages 1 & 2)

Consultant selection for design has been completed. Construction is anticipated to begin in summer 2008.

DEFERRED #1297 8th Avenue Elm to Broadway

This project has been deferred to expedite other higher priority projects.

DEFERRED #1870 Gatorade Development Water System Improvements

This project is not required until the Gatorade Development comes on line. With the delay of the Gatorade Development, this project has been placed on hold.

Got a Question?

Some of the information and issues in this report can be rather complex. If you are having trouble understanding something or have a question, your City staff stands ready and willing to provide the information you need:

For information please contact:

City Manager's Office

Marilyn Smith, (541) 917-7507

Management Assistant/Public Information Officer

marilyn.smith@cityofalbany.net



Paying for Capital Projects

A preliminary look at financing, pending further decisions

Let's make it clear right at the top: there is not enough money available for all the projects the City needs to do. In most cases the source of money determines which projects get included. For instance, Wastewater Fund revenue can only be spent on wastewater projects. The same is true for all dedicated revenues, such as the Water Fund, Streets Fund, and the Parks & Recreation Fund. The money each of these funds receives must be spent for the purposes for which the fund was created.

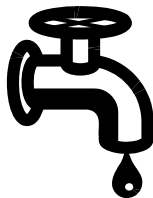
Sources of Funding

The table on the next page shows the relative breakdown of funding sources for all the projects contained in the 2009-2013 CIP.

This chart shows a projection of funds needed for projects in any given year. As you can see, the relative amounts of money can vary significantly and can change from year to year based on the projects being constructed.

Grants are a one-time source of money. To rely on grants as a major source of improving our infrastructure is a precarious approach. The money may or may not be there and is available only through decisions made outside our community. While the City actively looks to get grants where available, we still have to provide our own source of money for a portion of the cost, even on grant projects.

Any given project can have funding from more than one source. For instance, a major sewer upgrade project may be funded by a combination of Sewer Rate revenue and Sewer Improvement System Development Charges (SDC) revenue. Each project in this CIP will have all funding sources clearly identified.



What is a Fund?

A fund is an accounting term that denotes a stand-alone operation that has its own set of accounting books. Even though it is part of the City, for financial purposes it operates as a separate service.



Projected Cost Totals by Funding Source

| FUNDING SOURCE | 2009 | 2010 | 2011 | 2012 | 2013 | TOTAL |
|--------------------------------|---------------------|--------------------|---------------------|--------------------|--------------------|---------------------|
| Building Maintenance Projects | \$85,000 | \$0 | \$0 | \$0 | \$0 | \$85,000 |
| Capital Reserves | \$40,000 | \$40,000 | \$394,000 | \$40,000 | \$214,000 | \$728,000 |
| Economic Development | \$93,000 | \$250,000 | \$0 | \$0 | \$0 | \$343,000 |
| Federal Grants | \$645,000 | \$0 | \$0 | \$0 | \$0 | \$645,000 |
| Future Donations | \$614,000 | \$175,000 | \$250,000 | \$0 | \$0 | \$1,039,000 |
| Future State Grant | \$0 | \$275,000 | \$175,000 | \$100,000 | \$750,000 | \$1,300,000 |
| Grant - Unspecified | \$835,000 | \$0 | \$0 | \$0 | \$0 | \$835,000 |
| OPRD Recreational Trail Grant | \$160,000 | \$0 | \$0 | \$0 | \$0 | \$160,000 |
| Parks and Recreation | \$410,000 | \$175,000 | \$275,000 | \$100,000 | \$0 | \$960,000 |
| Property Tax – General Fund | \$25,000 | \$25,000 | \$25,000 | \$25,000 | \$25,000 | \$125,000 |
| SDC Improvement – Parks | \$900,000 | \$600,000 | \$200,000 | \$0 | \$750,000 | \$2,450,000 |
| SDC Improvement – Sewer | \$3,600,000 | \$124,000 | \$600,000 | \$1,426,000 | \$2,910,000 | \$8,660,000 |
| SDC Improvement – Water | \$0 | \$0 | \$473,000 | \$0 | \$380,000 | \$853,000 |
| SDC Reimbursement – Water | \$0 | \$57,000 | \$0 | \$0 | \$0 | \$57,000 |
| Sewer Rates/Operating Revenues | \$4,770,000 | \$521,000 | \$4,753,000 | \$777,000 | \$1,523,000 | \$12,344,000 |
| State Highway Fund (gas tax) | \$156,000 | \$124,000 | \$0 | \$0 | \$0 | \$280,000 |
| State of Oregon | \$159,000 | \$0 | \$845,000 | \$0 | \$575,000 | \$1,579,000 |
| Water Rates/Operating Revenues | \$2,911,000 | \$2,164,000 | \$2,116,000 | \$3,954,000 | \$2,441,000 | \$13,586,000 |
| TOTAL: | \$15,403,000 | \$4,530,000 | \$10,106,000 | \$6,422,000 | \$9,568,000 | \$46,029,000 |

*As discussed in the Wastewater section, a loan from the State Revolving Fund (SRF) will be used to fund the majority of the wastewater treatment plant expansion project in the near term. However, a combination of rates and SDCs will be used to pay back the debt. Overall, SDCs will fund 45 percent of the total project as shown on the individual project sheets in the Wastewater section.

Financing Projects with Bonds or Loans

For capital projects, the City gets money primarily through taxes and fees for service. In order to stretch the buying power of the money the City receives or to pay for big-ticket projects, the City uses General Obligation bonds or revenue bonds.

A bond is a fancy word for a loan. Instead of going to a bank for a loan, the City sometimes sells a bond in the worldwide financial marketplace in order to get the lowest interest rate possible. The federal tax code provides for municipal bonds that can be exempt from income taxes for the people or institutions that buy them. Because of this tax break, the interest rate is usually much less than would be paid for a prime rate loan from a bank. This saves the taxpayers money.

There are two types of bonds:

General Obligation (GO) bonds must be approved by a vote of the people before they can be issued. This is because GO bonds result in an additional property tax, above and beyond the property tax otherwise paid. The bonds are secured by the revenue from that tax, and the tax lasts only for the life of the bonds, which is usually 15 to 20 years.

Revenue bonds are not backed by property taxes, nor do they require a vote of the people. Revenue bonds are repaid out of specific revenue, such as water rates for a water revenue bond. This type of bond is authorized by the City Council. This category includes redevelopment bonds through CARA.

Lastly, the City can secure a loan from other sources. In 2003 the City was able to secure a loan from the State of Oregon Clean Water Revolving Loan Fund for our planned wastewater projects at financing rates that were far better than what was available under bond programs.

It is important to remember bonds and loans are not a source of revenue; they are a financing mechanism. The sources of revenue to pay for the projects are the taxes or rates that secure the bond or loan.

The Financing Plan

The bond plans contained in this CIP include the State of Oregon Clean Water Revolving Loan Fund loan already approved by the City Council for the Wastewater Treatment Expansion Project.

The wastewater project is the result of an enforcement order from the State Department of Environmental Quality that requires eliminating overflows of raw sewage and improving treatment quality by the year 2010.

The Five-Year Plan In A Snapshot

The following table shows the total cost of projects authorized in each of the next five years for each major category of capital projects. Some projects will be paid for in a single year, while other projects will take three years or more to complete.

Occasionally new issues, changing cost and revenue realities, or shifts in City priorities will cause a project, or a number of projects, to be either bumped forward or back in the five-year schedule. Any changes of this nature would be reflected in future CIP documents.

Projected Cost Totals by Category

| CATEGORY | 2009 | 2010 | 2011 | 2012 | 2013 | TOTAL |
|----------------------|---------------------|--------------------|---------------------|--------------------|--------------------|---------------------|
| Parks | \$2,919,000 | \$1,225,000 | \$900,000 | \$200,000 | \$1,500,000 | \$6,744,000 |
| Public Facilities | \$85,000 | \$0 | \$0 | \$0 | \$0 | \$85,000 |
| Transportation | \$823,000 | \$439,000 | \$1,264,000 | \$65,000 | \$836,000 | \$3,427,000 |
| Wastewater | \$8,370,000 | \$645,000 | \$5,353,000 | \$2,203,000 | \$4,433,000 | \$21,004,000 |
| Water | \$3,206,000 | \$2,221,000 | \$2,589,000 | \$3,954,000 | \$2,799,000 | \$14,769,000 |
| GRAND TOTALS: | \$15,403,000 | \$4,530,000 | \$10,106,000 | \$6,422,000 | \$9,568,000 | \$46,029,000 |

Community Needs

Major Needs that Remain Unfunded

Priority projects to strengthen our community...if we can find the cash

This section of the CIP highlights projects of a high priority that were not proposed for funding within this five-year time frame of the CIP.

Park Equipment Replacement/Renovation Needs

Currently, there is a backlog of park equipment replacement projects. Examples of these projects include the replacement of unsafe, 30-year-old playgrounds, ball field lighting systems, irrigation systems, and park buildings/structures. A new Parks Master Plan (2006) proposes several projects that would address many of these needs through a funding mix including Parks SDCs, annual operating dollars, private donations, and grants. However, most of these funds have not yet been secured.



Police and Fire Facilities

This project involves construction of new facilities to deal with police overcrowding and fire station building deficiencies. Should the community consider funding the project, raising the projected \$15.6 million dollars would cost the owners of a \$150,000 house an additional \$81 per year in taxes, based on a 20-year General Obligation bond and an assumed interest rate of six percent.

Street Construction

A follow-up to the recommendation of the Mayor's Task Force involves another \$10 million bond for street construction projects. Should the community consider funding of the project, the project would cost the owners of a \$150,000 house an additional \$52 per year in taxes, based on a 20-year General Obligation bond.

Transportation Utility/Local Gas Tax

These two mechanisms have been discussed as alternative ways to provide funding for ongoing street repairs. This ongoing street maintenance is needed in order to avoid the streets becoming so poor that they require expensive rebuilding. The utility has been discussed as a \$5 per month charge, where the gas tax proposal has been discussed at \$0.05 per gallon.

Storm Water Utility

This proposal has been discussed as a means of funding the costs of maintaining and improving the storm water collection system. Increased community concern regarding storm water quantity and quality along with increased state and federal regulations regarding storm water discharges is requiring more City resources to improve and maintain the City's storm water system. The utility has been discussed as a \$5 per month charge.

Canal Esplanade

This project is a linear, water-oriented public space that is intended to provide a continuous link throughout Central Albany and a pedestrian and bicycle connection to South Albany. The first phase of the project would provide improvements along the Canal right-of-way between Pacific Boulevard/Queen

Avenue north to the Vine Street Water Treatment Plant. Improvements would include landscaping, benches, lighting, and pathway surfacing.

Lochner Road/Marion Street Improvements

This project would improve a 2,250-linear-foot section of Lochner Road to urban standards. The section of street to be improved lies between a paved street in front of the Oregon Youth Authority (OYA) juvenile correction facility and the existing paved street system at Marion Street south of 34th Avenue.

Community Gateways

The community has identified several areas requiring the establishment of “gateway” treatments to clarify entry into the city, establish a sense of place, and provide a positive local image. Areas identified as gateways through community planning efforts and by the Albany Visitors Association include Pacific Boulevard near Linn-Benton Community College (LBCC), Pacific Boulevard near Waverly Lake, Santiam Highway near the city limits, the northern entry to the community along US Highway 20 in North Albany, and in the intersection of the Pacific Boulevard/OR 99E couplet with Santiam Highway/US Highway 20. To clarify entry into the pedestrian-oriented downtown, the Central Albany Land Use Transportation Study calls for establishment of gateways at the Pacific Boulevard/OR 99E off-ramp near 8th Avenue, Ellsworth bridge/US 20 near 1st Avenue, and 1st Avenue near the Thurston Street Canal.

East I-5 – Infrastructure Improvements

The East I-5 industrial area is generally bounded by Highway 20, Grand Prairie Road, Timber Street, and Three Lakes Road. The state certified Kempf industrial site is located in this area.

Some recent projects have improved sewer and water service to this area between Highway 20 and 21st Avenue. Sewer and water was extended under I-5 at 21st Avenue. Water lines have also been constructed to connect the 21st Avenue extension under I-5 to water lines in Goldfish Farm Road. As the area develops, additional sewer and water infrastructure will need to be extended south of 21st Avenue.

Transportation access to the area remains a challenge. Both local access and highway capacity issues hinder development of the industrial and commercial properties in the area. Some interim improvements can be undertaken on the state highway system, specifically at the Airport Road/Highway 20 intersection, that could allow the site to develop while not violating state transportation planning rules. To fully serve the East I-5 area an extension of Timber Street will ultimately be required from Highway 20.

The City recently adopted an alignment for the extension of Timber Street. The work to develop the alignment was funded by a Special Public Works Grant from the state of Oregon, and included development of legal descriptions and maps identifying needed right-of-way. The adoption of the alignment allows the City to move quickly into property acquisition negotiations should funding become available.

Draperville Water System

This project would extend water service to the Draperville area. Presently this area is not served by City water and all development draws water from wells. Development is bringing water service closer to this area as it grows eastward from Clover Ridge Road.

Century Drive Water System

This project would extend water service to the Century Drive area. Presently this area is not served by city water and all development draws water from wells. However, a water line was installed along Century Drive as part of the



construction for the Albany-Millersburg Water Treatment Plant. With this water line, water service is adjacent to all the streets serving this area. Extension of 8-inch and 12-inch lines along the area streets would provide service to this entire area.



Revitalization

Revitalization Underway!

CARA works to turn vision into reality

The Central Albany Revitalization Area's (CARA's) goal is to implement the community-based Town Center Plan vision for revitalizing central Albany.



As an urban renewal district, CARA's funding comes from property tax dollars collected from increases in property values (the tax increment above 2001 values), not by imposing new taxes. CARA is able to fund activities within its boundaries of the Willamette River to the Queen Avenue/9th Avenue/Pacific Boulevard area roughly between Geary Street and the Elm Street medical area.

The Results

The results of CARA's recent work to assist with central Albany revitalization include:

- Installation of streetscape improvements along 1st Avenue in the downtown retail core.
- Financial assistance towards the Ironworks project. This development is proposed as an office building, townhouses, and a mixed use apartment/commercial building. The 15,000 square foot office building and seven LEED-certified town homes are complete with the apartment building now underway.
- Grant and loan assistance from CARA's Downtown Building Revitalization Program for various building improvements. Assistance of over \$180,000 has been provided for renovations including the Flinn/Ames building, Revere Hotel, Frager building, Albany Civic Theater, Venetian Theater, Pix Theater, Odd Fellows building, and various storefront awnings.
- Development partnership assistance for waterfront projects including Edgewater Village, consisting of 146 condominium units, and Willamette Seed property redevelopment into 36 apartment units.
- Developing requests for proposals from interested developers to participate with the City in future downtown area riverfront improvements.

Looking Forward

Six years of the 20-year Tax Increment Financing (TIF) funding has been completed. Assessing progress to date and reviewing future direction of the program will be an upcoming focus for CARA. Efforts to further the goals of the Urban Renewal Plan and attract private investment that supports revitalization of the urban center will be part of the future activities. Key issues for CARA include waterfront development incorporating the carousel project, creation of a canal esplanade, highest and best use of Senior Center properties, and continued improvement and restoration of downtown properties.



Public Facilities

Issues Before the Community

City Council focuses on the future

The Albany City Council and other community leaders have been discussing the City's public facility needs for several years.



- The Police Department has outgrown the police station. Built in 1989, the building and parking lot are too small for present staff, with no place to expand.
- Fire Stations 11 and 12 were not built to current standards for withstanding major earthquakes. Station 11 is also surrounded by developed properties with little room for staff or visitor parking and is not accessible to the disabled.
- Many City buildings need major maintenance work – roof repairs, carpet, paint, and heating and cooling systems replacements. Much of the work has been deferred year after year in favor of other pressing needs. Those that can wait no longer are included in this CIP.
- An anonymous donation of \$5 million allowed the library to purchase an empty office building and begin a renovation project that will meet the library space needs for approximately 20 years.

Albany has growing pains, and not just in city government. Voters recently approved a general obligation bond for the Greater Albany Public School District that will help reduce overcrowding in some buildings, construct a new school, improve facilities to current standards, and complete major repairs throughout the district. In addition, the Linn County Sheriff's Office depends on public support to keep deputies on patrol in Linn County's rural areas and smaller cities and to staff the county jail.

The City, County, and schools get money for capital projects from the same source – local taxpayers. Taxpayers, who are also voters, can be overwhelmed when multiple money measures show up on a single ballot. In the fall of 2005, the Albany City Council acknowledged that by establishing a reserve account to be used someday for one or more of the City's building needs. Staff will look for additional sources of money to supplement the reserve – grants, bequests, or no-interest loans are a few possibilities.

Projected Cost Totals

| FUNDING SOURCE | 2009 | 2010 | 2011 | 2012 | 2013 | TOTAL |
|-------------------------------|-----------------|------------|------------|------------|------------|-----------------|
| Building Maintenance Projects | \$85,000 | \$0 | \$0 | \$0 | \$0 | \$85,000 |
| GRAND TOTALS: | \$85,000 | \$0 | \$0 | \$0 | \$0 | \$85,000 |

Funded Projects Summary & Detail

The following projects have been identified for inclusion in this five-year Capital Improvement Program.

Each project shown below is explained in detail on the pages that follow. Projects are listed in the fiscal year order they are planned to occur, and in CIP ID# order within a given fiscal year set.

| CIP # | Phase Title | Projected Total |
|---|---|-----------------|
| Plan Year: 2008 - 2009 | | |
| 1917 | RELOCATION OF WASTE STAGING AREA AT CITY HALL | \$85,000 |
| Total for FY 2008 - 2009 | | \$85,000 |
| Grand Total for Public Facilities: | | \$85,000 |

Plan FY: 2008-2009 RELOCATION OF WASTE STAGING AREA AT CITY HALL

CIP Project #: 1917

| | | | |
|---------------------|-------------------------------|------------------------|--------------------|
| Master Plan: | | Plan Element: | |
| Category: | Public Facilities | Classification: | General Facilities |
| Department: | Parks & Recreation Department | | |

Total Cost: \$85,000

Currently, all City Hall's waste and recycling is contained indoors in a room behind the municipal court offices. The current facility is not properly ventilated and odors escape to active work areas. This project will provide for relocation of waste and recycling containers to an outside facility that will consist of a concrete pad, fencing, and appropriate loading and unloading facilities. The waste storage area will be renovated for municipal court office use. Additionally, the municipal court front counter will be expanded and the employee secure access door will be relocated from the east side of the building to the south side of the building.

Operating Budget Impact: This project will eliminate maintenance costs associated with customer complaints about indoor air quality and restore the employee bicycle parking that was originally designed for City Hall to promote sustainability.

Funding Sources For This Project:

| <u>Activity Funding Source</u> | <u>Projected Amount</u> |
|---|-------------------------|
| 217-10-2002 BUILDING MAINTENANCE PROJECTS | \$85,000 |
| Total: | \$85,000 |

Unfunded Projects

The following projects have been identified as needed repairs and/or improvements to the City's infrastructure. In most cases, these projects are the result of a master plan process, which attempts to systematically look at the needs for public infrastructure over the next 10 to 20 years. These projects are considered "Unfunded" because either a source of funding has not been made available, or they will not be implemented within the five-year window this plan covers.

Fire Facilities

| CIP # | Phase | Year | Title | Projected Total |
|--|-------|------|-----------------------|--------------------|
| 1334 | | 0 | DOWNTOWN FIRE STATION | \$5,428,000 |
| Total for Unfunded Fire Facilities: | | | | \$5,428,000 |

General Facilities

| CIP # | Phase | Year | Title | Projected Total |
|---|-------|------|----------------------------------|---------------------|
| 1851 | | 0 | BUS SERVICE FACILITY | \$2,484,000 |
| 1940 | | 0 | PUBLIC WORKS DEPARTMENT BUILDING | \$10,000,000 |
| 1743 | 2 | 2007 | OPERATIONS BUILDING IMPROVEMENTS | \$300,000 |
| 1743 | 3 | 2008 | OPERATIONS BUILDING IMPROVEMENTS | \$3,500,000 |
| Total for Unfunded General Facilities: | | | | \$16,284,000 |

Police Facilities

| CIP # | Phase | Year | Title | Projected Total |
|--|-------|------|-------------------------------------|---------------------|
| 1335 | | 0 | POLICE STATION ADDITION/REPLACEMENT | \$11,097,000 |
| Total for Unfunded Police Facilities: | | | | \$11,097,000 |

Grand Total for Unfunded Public Facilities: \$32,809,000



CITY OF
Albany
OREGON

Parks

Neighborhoods Reflect our City's Image

Sustaining the pursuit of City goals

In 2006, the Albany City Council adopted the 2006-10 Parks and Recreation Master Plan. This plan guides the City's investment in park acquisition, renovation, and new facility improvements. The 2006-10 plan was developed with considerable public comment on the types and relative priority of the projects to be pursued. The Park's CIP is updated annually to implement the Parks and Recreation Master Plan.



A high priority of the 2006-10 plan is the replacement of grossly outdated and inadequate playgrounds in existing parks. Since the adoption of the master plan, new playgrounds have been installed in Takena, Swanson, and Burkhart parks. In 2008-09, the City will complete or at least initiate the design of playground replacements at several more parks – Teloh Calapooia, Riverview Heights, Eades, Pineway, and Henderson parks. Along with playground equipment, some projects will include other park repairs. These projects are funded by a mix of funds from outside grants, private donations, and the Parks and Recreation Department's annual operating fund.

Equally important is the need to purchase new land for parks in areas of the City that have experienced significant growth and those established communities without parks. In 2007, the City received a gift of nearly nine acres for a new neighborhood park in north Albany, near the intersection of Springhill Road and Hickory Street. This site will be developed within the next few years to primarily serve new residents in the North Albany Village area. The City is presently negotiating the acquisition of a new neighborhood park in the Knox Butte Road area and another one on Oak Street (central Albany). Nearing completion is a new neighborhood park acquired in 2005 to serve the 53rd Avenue neighborhood.

While neighborhood parks comprise the backbone of the parks system, providing close-to-home recreation space, the CIP also includes the purchase of a new community park in south Albany. If negotiations are successful, this site should be acquired in early 2008 and will be developed with badly-needed sports fields. The CIP projects these improvements to begin in 2009-10.

These new parks are being acquired and developed with a combination of donations, grants, and Park System Development Charges.

Funding Summary

The following table shows the total amount of projects scheduled in each of the five years of this CIP, broken down by the source of the funding. The costs shown are the projected construction costs in the year the project is proposed.

Each year we take the estimated cost of the projects and bring them up to current year costs by applying the change in the Engineering News-Record (ENR) construction cost index for Seattle. The future year costs then have an annual 3.7 percent inflation factor added in to estimate the cost in the year proposed.

Projected Cost Totals

| FUNDING SOURCE | 2009 | 2010 | 2011 | 2012 | 2013 | TOTAL |
|-------------------------------|--------------------|--------------------|------------------|------------------|--------------------|--------------------|
| Future Donations | \$614,000 | \$175,000 | \$250,000 | \$0 | \$0 | \$1,039,000 |
| Future State Grant | \$0 | \$275,000 | \$175,000 | \$100,000 | \$750,000 | \$1,300,000 |
| Grant – Unspecified | \$835,000 | \$0 | \$0 | \$0 | \$0 | \$835,000 |
| OPRD Recreational Trail Grant | \$16,000 | \$0 | \$0 | \$0 | \$0 | \$16,000 |
| Parks and Recreation | \$410,000 | \$175,000 | \$275,000 | \$100,000 | \$0 | \$960,000 |
| SDC – Improvement – Parks | \$900,000 | \$600,000 | \$200,000 | \$0 | \$750,000 | \$2,450,000 |
| <u>GRAND TOTALS:</u> | \$2,919,000 | \$1,225,000 | \$900,000 | \$200,000 | \$1,500,000 | \$6,744,000 |

Funded Projects Summary & Detail

The following projects have been identified for inclusion in this five-year Capital Improvement Program.

Each project shown below is explained in detail on the pages that follow. Projects are listed in the fiscal year order they are planned to occur, and in CIP ID# order within a given fiscal year set.

| CIP # | Phase Title | Projected Total |
|---------------------------------|---|--------------------|
| Plan Year: 2008 - 2009 | | |
| 1886 | TIMBER LINN PARK IMPROVEMENTS - PHASE 1B | \$400,000 |
| 1895 | COMMUNITY PARK DEVELOPMENT - PHASE 1 | \$1,500,000 |
| 1896 | DRAPER PARK PLAYGROUND REPLACEMENT | \$150,000 |
| 1897 | PICNIC SHELTERS AT GIBSON HILL, LEXINGTON, AND TAKENA PARKS | \$150,000 |
| 1898 | PINEWAY PARK PLAYGROUND REPAACEMENT | \$100,000 |
| 1899 | HENDERSON PARK PLAYGROUND REPLACEMENT | \$94,000 |
| 1902 | SWANSON PARK/ALBANY TRAIN STATION CONNECTOR PATH | \$25,000 |
| 1903 | NEIGHBORHOOD PARK DEVELOPMENT - TIMBERHILL SITE | \$300,000 |
| 1939 | PERIWINKLE PATH AND BRIDGE | \$200,000 |
| Total for FY 2008 - 2009 | | \$2,919,000 |
| Plan Year: 2009 - 2010 | | |
| 1884 | NEIGHBORHOOD PARK DEVELOPMENT - NORTH POINTE MEADOWS | \$400,000 |
| 1891 | HACKLEMAN PARK SHELTER REPLACEMENT | \$75,000 |
| 1892 | SUNRISE PARK PLAYGROUND REPLACEMENT | \$150,000 |
| 1893 | DEERFIELD PARK RENOVATION | \$400,000 |
| 1904 | NEIGHBORHOOD PARK DEVELOPMENT - TIMBERHILL SITE PHASE 2 | \$200,000 |
| Total for FY 2009 - 2010 | | \$1,225,000 |
| Plan Year: 2010 - 2011 | | |
| 1887 | TIMBER LINN PARK IMPROVEMENTS - PHASE 1C | \$600,000 |
| 1889 | GRAND PRAIRIE PARK PLAYGROUND REPLACEMENT | \$150,000 |
| 1890 | LEHIGH PARK PLAYGROUND REPLACEMENT | \$150,000 |
| Total for FY 2010 - 2011 | | \$900,000 |
| Plan Year: 2011 - 2012 | | |
| 1888 | CANAL ESPLANADE TRAIL | \$200,000 |
| Total for FY 2011 - 2012 | | \$200,000 |
| Plan Year: 2012 - 2013 | | |
| 1936 | COMMUNITY PARK DEVELOPMENT - PHASE 2 | \$1,000,000 |
| 1937 | NEW HIKE/BIKE TRAIL DEVELOPMENT | \$500,000 |
| Total for FY 2012 - 2013 | | \$1,500,000 |
| Grand Total for Parks: | | \$6,744,000 |

Plan FY: 2008-2009 TIMBER LINN PARK IMPROVEMENTS - PHASE 1B

CIP Project #: 1886

Master Plan: Parks Master Plan

Plan Element:

Category: Parks

Classification: Park Development

Department: Parks & Recreation Department

Total Cost: \$400,000

This project provides for the construction of parking, playground, picnic, and other facilities called for in the 2006 Timber Linn Park Plan, Phase 1.

Operating Budget Impact: This project will increase annual operation and maintenance costs by approximately \$5,000 in order maintain the new playground facilities.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|-----------------------|-------------------------|
| | FUTURE DONATIONS | \$200,000 |
| 202-35-1408 | PARKS AND RECREATION | \$200,000 |
| | Total: | \$400,000 |



Plan FY: 2008-2009 COMMUNITY PARK DEVELOPMENT - PHASE 1

CIP Project #: 1895

Master Plan: Parks Master Plan

Plan Element: CP-1

Category: Parks

Classification: Park Development

Department: Parks & Recreation Department

SDC

Total Cost: \$1,500,000

This project provides for the initial development of a new community park in south Albany. Improvements include soccer fields, parking, utilities, and related facilities.

Operating Budget Impact: This project will increase operation and maintenance expenses by approximately \$50,000 per year in order to conduct grounds maintenance for 20 acres of new community park, net of revenue offsets.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|---------------------------|-------------------------|
| | FUTURE DONATIONS | \$250,000 |
| | GRANT - Unspecified | \$750,000 |
| 202-35-1500 | SDC - IMPROVEMENT - PARKS | \$500,000 |
| | Total: | \$1,500,000 |

Plan FY: 2008-2009 PICNIC SHELTERS AT GIBSON HILL, LEXINGTON, AND TAKENA PARKS

CIP Project #: 1897

Master Plan: Parks Master Plan

Plan Element:

Category: Parks

Classification: Park Development

Department: Parks & Recreation Department

SDC

Total Cost: \$150,000

This project will replace the recently demolished shelter at Takena Park and will complete original park improvements for Lexington and Gibson Hill Parks.

Operating Budget Impact: This project will increase operation and maintenance expenses approximately \$3,000 per year in order to conduct weekly cleaning activities during the rental season. Revenue from picnic shelter rentals will be used to help offset operation and maintenance costs.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|---------------------------|-------------------------|
| | FUTURE DONATIONS | \$50,000 |
| 202-35-1500 | SDC - IMPROVEMENT - PARKS | \$100,000 |
| | Total: | \$150,000 |

Plan FY: 2008-2009 PINEWAY PARK PLAYGROUND REPAACEMENT

CIP Project #: 1898

Master Plan: Parks Master Plan
Category: Parks
Department: Parks & Recreation Department

Plan Element:
Classification: Replacement Projects

Total Cost: \$100,000

This project provides for the replacement of existing outdated playground equipment at Pineway Park.

Operating Budget Impact: This project will not impact the operating budget because this project replaces existing playground and other deteriorating equipment.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|----------------------------------|-------------------------|
| | FUTURE DONATIONS | \$15,000 |
| | GRANT - Unspecified | \$50,000 |
| | 202-35-1408 PARKS AND RECREATION | \$35,000 |
| | Total: | \$100,000 |



Plan FY: 2008-2009 HENDERSON PARK PLAYGROUND REPLACEMENT

CIP Project #: 1899

Master Plan: Parks Master Plan

Plan Element:

Category: Parks

Classification: Replacement Projects

Department: Parks & Recreation Department

Total Cost: \$94,000

This project provides for the replacement of the existing outdated playground equipment at Henderson Park. This project was originally scheduled for FY 2006-07, but has been rescheduled to take advantage of potential state grant funding in FY 2007-08.

Operating Budget Impact: This project will not impact the operating budget because this project replaces existing playground and other deteriorating equipment.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|-----------------------|-------------------------|
| | GRANT - Unspecified | \$35,000 |
| | FUTURE DONATIONS | \$24,000 |
| 202-35-1408 | PARKS AND RECREATION | \$35,000 |
| Total: | | \$94,000 |



Plan FY: 2008-2009 SWANSON PARK/ALBANY TRAIN STATION CONNECTOR PATH
CIP Project #: 1902

Master Plan: Parks Master Plan **Plan Element:** T-1
Category: Parks **Classification:** Park Development
Department: Parks & Recreation Department

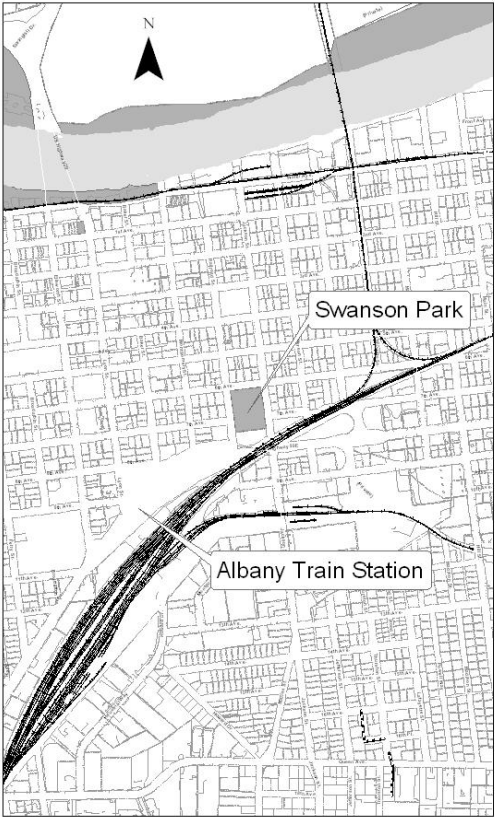
Total Cost: \$25,000

This CIP project provides Parks funding for a portion of this project (CIP Project #1796 Phase 3 - In Process). The balance of funding for this project will come from a federal grant from the State Highway Fund (gas tax).

Operating Budget Impact: This project will increase annual operation and maintenance expenses by \$1,500 in order to conduct litter control activities by contract.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|-----------------------|-------------------------|
| 202-35-1408 | PARKS AND RECREATION | \$25,000 |
| Total: | | \$25,000 |



Plan FY: 2008-2009 NEIGHBORHOOD PARK DEVELOPMENT - TIMBERHILL SITE

CIP Project #: 1903

Master Plan: Parks Master Plan

Plan Element: NP-2

Category: Parks

Classification: Park Development

Department: Parks & Recreation Department

SDC

Total Cost: \$300,000

Provides for first-phase improvements of a new neighborhood park. Project elements include utilities, roads, and parking. Greater Albany Public Schools (GAPS) is a possible development partner for this project.

Operating Budget Impact: This project will increase operation and maintenance costs approximately \$15,000 per year in order to complete grounds maintenance activities on the 3 acres associated with this phase of development.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|---------------------------|-------------------------|
| 202-35-1500 | SDC - IMPROVEMENT - PARKS | \$300,000 |
| Total: | | \$300,000 |



Plan FY: 2008-2009 PERIWINKLE PATH AND BRIDGE

CIP Project #: 1939

Master Plan: Parks Master Plan **Plan Element:**
Category: Parks **Classification:** Miscellaneous - Parks
Department: Parks & Recreation Department

Total Cost: \$200,000

This project will use a grant (if awarded) from the Oregon Parks and Recreation Department, along with Parks and Recreation Fund resources to repair and/or replace deteriorated sections of the hike/bike path from Grand Prairie Park to Oak Street. The project includes the replacement of two pedestrian bridges along the path.

Operating Budget Impact: This project will not impact the operating budget because this project replaces existing facilities.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|-----------------------------|-------------------------|
| 202-35-1408 | PARKS AND RECREATION | \$40,000 |
| | OPRD RECREATION TRAIL GRANT | \$160,000 |
| | Total: | \$200,000 |



Plan FY: 2009-2010 NEIGHBORHOOD PARK DEVELOPMENT - NORTH POINTE MEADOWS

CIP Project #: 1884

Master Plan: Parks Master Plan

Plan Element: NP-1

Category: Parks

Classification: Park Development

Department: Parks & Recreation Department

SDC

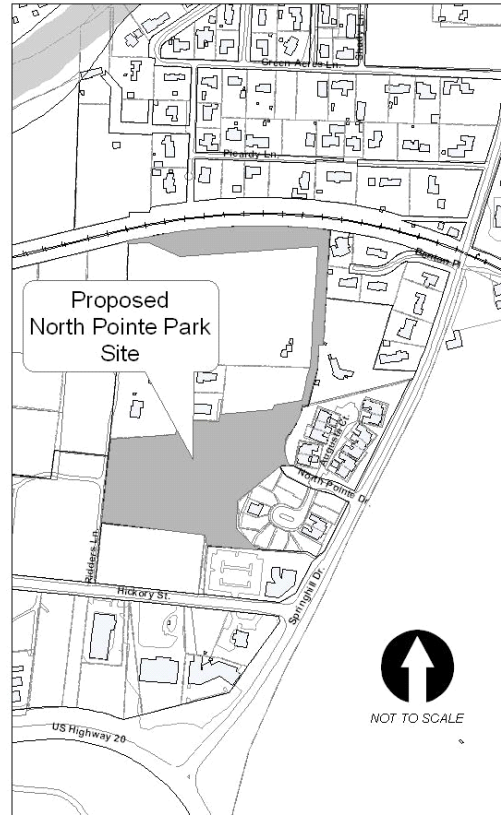
Total Cost: \$400,000

This project provides for the initial development of a new park in north Albany. The park was acquired by gift from the developer.

Operating Budget Impact: This project will increase annual operation and maintenance costs approximately \$15,000 in order to conduct grounds maintenance activities for 3 acres.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|---------------------------|-------------------------|
| 202-35-1500 | SDC - IMPROVEMENT - PARKS | \$400,000 |
| Total: | | \$400,000 |



Plan FY: 2009-2010 DEERFIELD PARK RENOVATION

CIP Project #: 1893

Master Plan: Parks Master Plan
Category: Parks
Department: Parks & Recreation Department

Plan Element:
Classification: Park Renovations

Total Cost: \$400,000

This project provides for the renovation of Deerfield Park, including the playground, picnic facilities, irrigation, and other features.

Operating Budget Impact: This project will increase operation and maintenance costs by approximately \$4,000 per year in order to irrigate newly planted turf.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|-----------------------|-------------------------|
| | FUTURE DONATIONS | \$100,000 |
| | FUTURE STATE GRANT | \$200,000 |
| 202-35-1408 | PARKS AND RECREATION | \$100,000 |
| | Total: | \$400,000 |



**Plan FY: 2009-2010 NEIGHBORHOOD PARK DEVELOPMENT - TIMBERHILL SITE
PHASE 2**

CIP Project #: 1904

Master Plan: Parks Master Plan
Category: Parks
Department: Parks & Recreation Department

Plan Element: NP-2
Classification: Park Development

SDC

Total Cost: \$200,000

This project provides funds for the completion of this park in NE Albany. Amenities include a playground, picnic facilities, and other features.

Operating Budget Impact: This project will increase operation and maintenance costs by approximately \$10,000 per year in order to conduct ground maintenance activities for 2 acres of phase 2 development.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|---------------------------|-------------------------|
| 202-35-1500 | SDC - IMPROVEMENT - PARKS | \$200,000 |
| Total: | | \$200,000 |



Plan FY: 2010-2011 TIMBER LINN PARK IMPROVEMENTS - PHASE 1C

CIP Project #: 1887

Master Plan: Parks Master Plan

Plan Element:

Category: Parks

Classification: Park Development

Department: Parks & Recreation Department

SDC

Total Cost: \$600,000

This project continues the development of new parking, trails, and other features in accordance with the Timber Linn Park Plan.

Operating Budget Impact: This project will increase annual operation and maintenance expenses by approximately \$5,000 in order to conduct grounds maintenance activities for the new trail area.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|---------------------------|-------------------------|
| | FUTURE DONATIONS | \$200,000 |
| | FUTURE STATE GRANT | \$100,000 |
| 202-35-1408 | PARKS AND RECREATION | \$100,000 |
| 202-35-1500 | SDC - IMPROVEMENT - PARKS | \$200,000 |
| Total: | | \$600,000 |



Plan FY: 2010-2011 GRAND PRAIRIE PARK PLAYGROUND REPLACEMENT

CIP Project #: 1889

Master Plan: Parks Master Plan
Category: Parks
Department: Parks & Recreation Department

Plan Element:
Classification: Replacement Projects

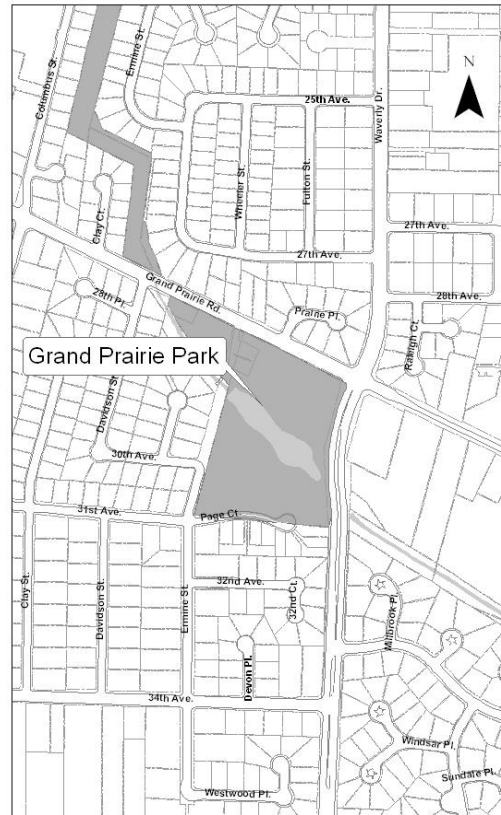
Total Cost: \$150,000

This project provides for the replacement of existing outdated equipment at Grand Prairie Park.

Operating Budget Impact: This project will not impact the operating budget because this project replaces existing playground and other deteriorating equipment.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|----------------------------------|-------------------------|
| | FUTURE STATE GRANT | \$75,000 |
| | 202-35-1408 PARKS AND RECREATION | \$75,000 |
| Total: | | \$150,000 |



Plan FY: 2011-2012 CANAL ESPLANADE TRAIL

CIP Project #: 1888

Master Plan: Parks Master Plan

Plan Element: T-2

Category: Parks

Classification: Park Development

Department: Parks & Recreation Department

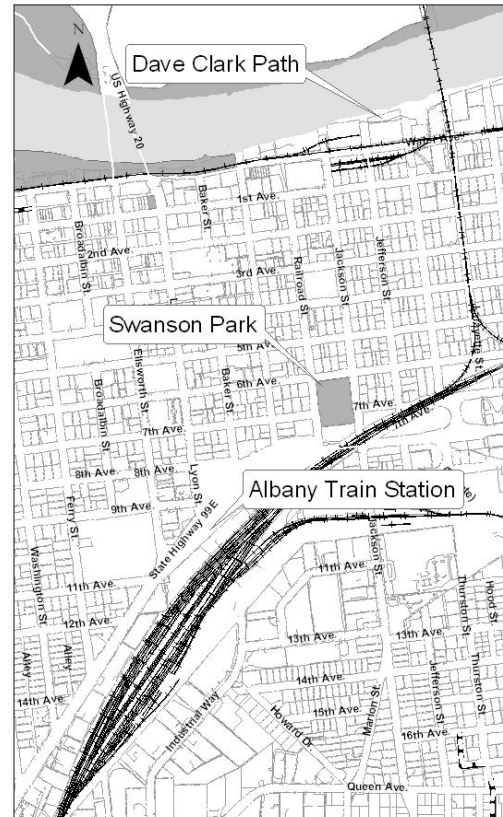
Total Cost: \$200,000

This project provides for the construction of a new 1.2 mile trail along the 8th Avenue diversion channel and the Thurston Canal, connecting the Dave Clark Path on the Willamette River with Swanson Park, Albany Station, and the Santiam-Albany Canal/Calapooia River. This project was originally proposed in the CALUTS Plan.

Operating Budget Impact: This project will increase annual operation and maintenance expenses by approximately \$5,000 in order to provide litter control along the new trail.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|-----------------------|-------------------------|
| | FUTURE STATE GRANT | \$100,000 |
| 202-35-1408 | PARKS AND RECREATION | \$100,000 |
| | Total: | \$200,000 |



Plan FY: 2012-2013 COMMUNITY PARK DEVELOPMENT - PHASE 2

CIP Project #: 1936

Master Plan: Parks Master Plan

Plan Element:

Category: Parks

Classification: Park Development

Department: Parks & Recreation Department

SDC

Total Cost: \$1,000,000

This project will continue the design and construction of improvements for the south Albany community park and soccer complex.

Operating Budget Impact: This project will increase operation and maintenance expenses by approximately \$50,000 per year in order to conduct grounds maintenance for 20 acres of new community park, net of revenue offsets.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|---------------------------------------|-------------------------|
| 202-35-1500SDC - IMPROVEMENT - PARKS | \$500,000 |
| FUTURE STATE GRANT | \$500,000 |
| | \$1,000,000 |
| Total: | \$1,000,000 |

Plan FY: 2012-2013 NEW HIKE/BIKE TRAIL DEVELOPMENT

CIP Project #: 1937

Master Plan: Parks Master Plan **Plan Element:**
Category: Parks **Classification:** Miscellaneous - Parks
Department: Parks & Recreation Department

SDC

Total Cost: \$500,000

This project will design and construct 3 miles of new trails along Oak Creek (between Highway 99 and Columbus Street) or Burkhart Creek/Grand Prairie Canal (between Dogwood, Somerset, and Clover Ridge), pending acquisition of right-of-way.

Operating Budget Impact: Once completed, this project will increase maintenance expenses by \$11,000, or roughly \$3670 per mile of constructed trail.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|---------------------------|-------------------------|
| | FUTURE STATE GRANT | \$250,000 |
| 202-35-1500 | SDC - IMPROVEMENT - PARKS | \$250,000 |
| | Total: | \$500,000 |



Transportation

Transportation: Limited Funding

There is limited funding available for capital repair and improvement to the city's street infrastructure. No property tax money is available to spend on these projects. The primary annual funding source for capital projects to rehabilitate or reconstruct streets is the Surface Transportation Program (STP) funding from the state. Each year the City receives STP funding based on the City's population. The current annual amount is approximately \$372,000. These funds are used for specific road rehabilitation projects based on street condition and traffic volume. The annual STP funding allotment is pooled with the small remaining capital reserves to fund major rehabilitation and reconstruction. Due to the small amount of available funding and the high cost to complete large projects, the City often will consolidate multiple years' worth of STP funds for one project. This results in no street projects being undertaken in some years.

Acknowledging Our Problems

Albany's streets are not being maintained at a level that will allow all streets to remain in "good" condition because of a lack of money. The number of miles of streets is growing, the cost to maintain streets is increasing, and the amount of money available to fund street maintenance activities from the community's share of the State Gas Tax is not sufficient.

Without additional funding, the backlog of streets needing repair or reconstruction continues to grow dramatically. Albany is not alone in this problem. The entire state system is declining.

The 1996 Mayor's Task Force on Street Maintenance recommended the City Council present a series of street maintenance General Obligation (GO) bonds to the citizens of Albany for approval. In addition, they recommended the City Council move forward with the development and implementation of a street system utility fee to help close the annual funding gap in street maintenance dollars.

Funding On Hold

A General Obligation bond for the improvement of four specific street segments was passed by Albany voters in 1998. The street segments as well as additional projects were completed with the bond funds. A subsequent bond measure for streets was rejected by Albany voters in 2000. Additional General Obligation bonds have not been taken forward to the citizens of Albany due to other funding priorities in the community. Implementation of a transportation utility fee has also been put on hold due to citizen resistance.

Although street funding remains important, a funding strategy the Council is comfortable moving forward with has yet to be worked out.

Transportation System Plan

The City is currently updating the City's Transportation System Plan (TSP). The City's existing TSP was completed in 1997. Since



completion of the TSP there has been a lot of development, land use changes, and many of the identified projects in the TSP have been completed. With the current pace of development in the city, staff anticipates an update of the TSP should take place about every 10 years to keep it relevant. This will allow the plan to stay current with changing development patterns, revisit difficult project areas, and update the financial options available to the City Council to address transportation needs.

The update to the TSP will project transportation system needs for the next 20 years and beyond. The TSP will look at a wide range of projects and needs including strengthening the road network and developing and encouraging the use of alternate transportation modes such as transit, walking, and biking.

Funding Summary

The following table shows the total amount of projects scheduled in each of the five years of this CIP, broken down by the source of the funding. The costs shown are the projected construction costs in the year the project is proposed.

Each year we take the estimated cost of the projects and bring them up to current year costs by applying the change in the Engineering News-Record (ENR) construction cost index for Seattle. The future year costs then have an annual 3.7 percent inflation factor added in to estimate the cost in the year proposed.

Projected Cost Totals

| FUNDING SOURCE | 2009 | 2010 | 2011 | 2012 | 2013 | TOTAL |
|--------------------------------|------------------|------------------|--------------------|-----------------|------------------|--------------------|
| Capital Reserves | \$40,000 | \$40,000 | \$394,000 | \$40,000 | \$214,000 | \$728,000 |
| Economic Development | \$93,000 | \$250,000 | \$0 | \$0 | \$0 | \$343,000 |
| Federal Grants | \$340,000 | \$0 | \$0 | \$0 | \$0 | \$340,000 |
| Property Taxes – General Fund | \$25,000 | \$25,000 | \$25,000 | \$25,000 | \$25,000 | \$125,000 |
| State Highway Fund (Gas Tax) | \$156,000 | \$124,000 | \$0 | \$0 | \$0 | \$280,000 |
| State of Oregon | \$159,000 | \$0 | \$845,000 | \$0 | \$575,000 | \$1,579,000 |
| Water Rates/Operating Revenues | \$10,000 | \$0 | \$0 | \$0 | \$22,000 | \$32,000 |
| GRAND TOTALS: | \$823,000 | \$439,000 | \$1,264,000 | \$65,000 | \$836,000 | \$3,427,000 |

Funded Projects Summary & Detail

The following projects have been identified for inclusion in this five-year Capital Improvement Program.

Each project shown below is explained in detail on the pages that follow. Projects are listed in the fiscal year order they are planned to occur, and in CIP ID# order within a given fiscal year set.

| CIP # | Phase Title | Projected Total |
|--|---|--------------------|
| Plan Year: 2008 - 2009 | | |
| 1801 | BICYCLE AND PEDESTRIAN IMPROVEMENT GRANT MATCH | \$40,000 |
| 1852 | ALBANY MUNICIPAL AIRPORT LANDSCAPING | \$55,000 |
| 1856 | 2 WAVERLY DRIVE REHABILITATION, PHASE 2 | \$169,000 |
| 1925 | ALBANY AIRPORT FAA IMPROVEMENTS | \$378,000 |
| 1929 | 3RD AVENUE BRIDGE REPAIR | \$156,000 |
| 1931 | AMERICANS WITH DISABILITIES ACT (ADA) PUBLIC IMPROVEMENT COMPLIANCE PROGRAM | \$25,000 |
| Total for FY 2008 - 2009 | | \$823,000 |
| Plan Year: 2009 - 2010 | | |
| 1802 | BICYCLE AND PEDESTRIAN IMPROVEMENT GRANT MATCH | \$40,000 |
| 1926 | ALBANY AIRPORT SEWER EXTENSION | \$250,000 |
| 1930 | COLUMBUS STREET BRIDGE REPAIR | \$124,000 |
| 1932 | AMERICANS WITH DISABILITIES ACT (ADA) PUBLIC IMPROVEMENT COMPLIANCE PROGRAM | \$25,000 |
| Total for FY 2009 - 2010 | | \$439,000 |
| Plan Year: 2010 - 2011 | | |
| 1860 | BICYCLE AND PEDESTRIAN IMPROVEMENT GRANT MATCH | \$40,000 |
| 1908 | JACKSON STREET RECONSTRUCTION | \$1,199,000 |
| 1933 | AMERICANS WITH DISABILITIES ACT (ADA) PUBLIC IMPROVEMENT COMPLIANCE PROGRAM | \$25,000 |
| Total for FY 2010 - 2011 | | \$1,264,000 |
| Plan Year: 2011 - 2012 | | |
| 1907 | BICYCLE AND PEDESTRIAN IMPROVEMENT GRANT MATCH | \$40,000 |
| 1934 | AMERICANS WITH DISABILITIES ACT (ADA) PUBLIC IMPROVEMENT COMPLIANCE PROGRAM | \$25,000 |
| Total for FY 2011 - 2012 | | \$65,000 |
| Plan Year: 2012 - 2013 | | |
| 1857 | QUEEN AVENUE STREET REHABILITATION | \$771,000 |
| 1927 | BICYCLE AND PEDESTRIAN IMPROVEMENT GRANT MATCH | \$40,000 |
| 1935 | AMERICANS WITH DISABILITIES ACT (ADA) PUBLIC IMPROVEMENT COMPLIANCE PROGRAM | \$25,000 |
| Total for FY 2012 - 2013 | | \$836,000 |
| Grand Total for Transportation: | | \$3,427,000 |

Plan FY: 2008-2009 BICYCLE AND PEDESTRIAN IMPROVEMENT GRANT MATCH

CIP Project #: 1801

Master Plan:

Category: Transportation

Department: Public Works Department

Plan Element:

Classification: Pedestrian & Bikeway

Total Cost: \$40,000

This is an annual dedication to provide funds for match requirements on bicycle and pedestrian grants that are made available annually by the Oregon Department of Transportation. Many of the grants available require a local match. This dedication will provide a funding source should appropriate opportunities arise. All grant opportunities will come before City Council for approval prior to application.

Operating Budget Impact: None. There is no impact to street maintenance costs because this is reserve funding for potential grants, should the opportunity arise.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|---------------------------------------|-------------------------|
| 250-50-2700 CAPITAL RESERVES | \$40,000 |
| Total: | \$40,000 |

Plan FY: 2008-2009 ALBANY MUNICIPAL AIRPORT LANDSCAPING

CIP Project #: 1852

Master Plan: Airport Master Plan
Category: Transportation
Department: Economic Development

Plan Element: Development Program
Classification: Airport

Total Cost: \$55,000

This project is required to improve the appearance of the entryway to the airport.

Operating Budget Impact: This project will increase landscape maintenance costs by an estimated \$2,000.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|---------------------------------------|-------------------------|
| 211-16-1103 ECONOMIC DEVELOPMENT | \$55,000 |
| Total: | \$55,000 |



Plan FY: 2008-2009 WAVERLY DRIVE REHABILITATION, PHASE 2

CIP Project #: 1856 Phase: 2

Master Plan: Transportation Master Plan **Plan Element:**
Category: Transportation **Classification:** Street Reconstruction/Improvements
Department: Public Works Department

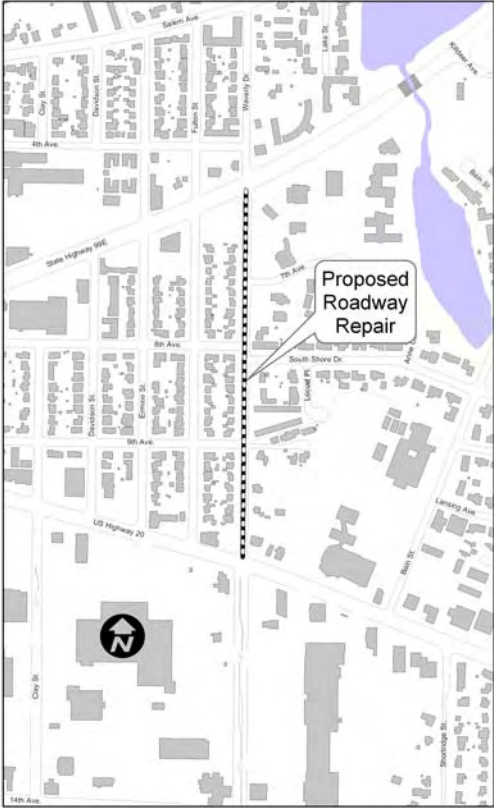
Total Cost: \$169,000

This project includes base repairs and an asphalt overlay of the entire street on Waverly Drive between Pacific Boulevard and Santiam Highway. The existing pavement surface has become worn due to heavy traffic volumes. Also included in this project is replacement of the 9th Avenue waterline within the area of the street improvements. This work will allow for future replacement of the 9th Avenue waterline, as shown in CIP#1588, without cutting the new street repair.

Operating Budget Impact: This project will reduce street maintenance costs in the long term with fewer pothole and patching repairs and fewer responses to citizen complaints about the poor condition of the road.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|--------------------------------|-------------------------|
| 250-50-2700 | STATE OF OREGON | \$159,000 |
| 615-50-2308 | WATER RATES/OPERATING REVENUES | \$10,000 |
| Total: | | \$169,000 |



Plan FY: 2008-2009 ALBANY AIRPORT FAA IMPROVEMENTS

CIP Project #: 1925

Master Plan: Transportation Master Plan **Plan Element:**
Category: Transportation **Classification:** Airport
Department: Economic Development

Total Cost: \$378,000

Planned improvements include storm drainage and fencing for improved security.

Operating Budget Impact: This project will slightly increase operation and maintenance activities.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|---------------------------------------|-------------------------|
| 211-16-1103 ECONOMIC DEVELOPMENT | \$38,000 |
| FEDERAL GRANTS | \$340,000 |
| Total: | \$378,000 |



Plan FY: 2008-2009 3RD AVENUE BRIDGE REPAIR

CIP Project #: 1929

Master Plan:

Category: Transportation

Department: Public Works Department

Plan Element:

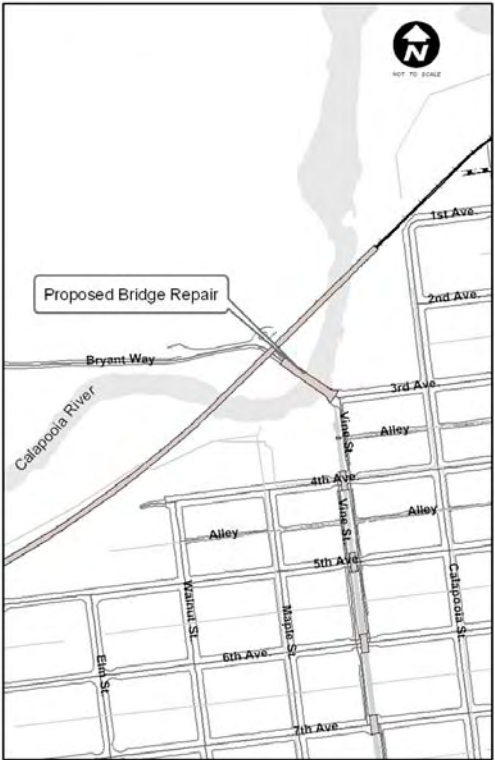
Classification: Bridges

Total Cost: \$156,000

The City of Albany's Bryant Park Bridge, linking 3rd Avenue to Bryant Drive over the Calapooia River, has areas of structural deterioration that are in need of repair. A recent structural evaluation recommended that the bridge be restored to a safe condition by remodeling the west end approach bents and the addition of an end span. Other improvements are suggested for this structure, however, they are not recommended to be completed at this time as they are not addressing immediate structural problems. The recommended work is the minimum necessary to keep the bridge in use until it can be slated for overall rehabilitation or replacement. It is expected that the work completed with this repair will extend the structural adequacy of this bridge for approximately 20 years with routine maintenance and repair efforts.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|------------------------------|-------------------------|
| 250-50-2700 | STATE HIGHWAY FUND (Gas Tax) | \$156,000 |
| | Total: | \$156,000 |



Plan FY: 2008-2009 AMERICANS WITH DISABILITIES ACT (ADA) PUBLIC IMPROVEMENT COMPLIANCE PROGRAM

CIP Project #: 1931

Master Plan:

Category: Transportation

Department: Public Works Department

Plan Element:

Classification: Pedestrian & Bikeway

Total Cost: \$25,000

This project is an annual dedication to provide funds to make improvements to the public sidewalks and roadways to address ADA deficiencies and improve access for people within the right-of-way. This dedication will provide funding to tackle issues in a prioritized and systematic way.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|-------------------------------|-------------------------|
| 205-40-1607 | PROPERTY TAXES - GENERAL FUND | \$25,000 |
| | Total: | \$25,000 |

Plan FY: 2009-2010 ALBANY AIRPORT SEWER EXTENSION

CIP Project #: 1926

Master Plan: Transportation Master Plan **Plan Element:**
Category: Transportation **Classification:** Airport
Department: Economic Development

Total Cost: \$250,000

This project will extend sewer service to the south portion of the airport. Development proposals for a private hanger include usage of a portion of the building for City storage facilities. The current City storage building at the airport is inadequate. The proposed shared use facility needs sewer service.

Operating Budget Impact: This project will slightly increase operation and maintenance activities.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|---------------------------------------|-------------------------|
| 601-50-2506 ECONOMIC DEVELOPMENT | \$250,000 |
| Total: | \$250,000 |



Plan FY: 2009-2010 COLUMBUS STREET BRIDGE REPAIR

CIP Project #: 1930

Master Plan:
Category: Transportation
Department: Public Works Department

Plan Element:
Classification: Bridges

Total Cost: \$124,000

The City of Albany's Columbus Street Bridge over the Santiam-Albany Canal has been the subject of a recent structural inspection indicating that portions of the structure are in need of repair. The study determined that the west portion of the structure should be replaced, and new sidewalk installed. This project addresses the deficiencies identified in the report and provides for replacement of the four westernmost precast slabs with a cast-in-place concrete slab.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|------------------------------|-------------------------|
| 250-50-2700 | STATE HIGHWAY FUND (Gas Tax) | \$124,000 |
| Total: | | \$124,000 |



Plan FY: 2009-2010 AMERICANS WITH DISABILITIES ACT (ADA) PUBLIC IMPROVEMENT COMPLIANCE PROGRAM

CIP Project #: 1932

Master Plan:

Category: Transportation

Department: Public Works Department

Plan Element:

Classification: Pedestrian & Bikeway

Total Cost: \$25,000

This project is an annual dedication to provide funds to make improvements to the public sidewalks and roadways to address ADA deficiencies and improve access for people within the right-of-way. This dedication will provide funding to tackle issues in a prioritized and systematic way.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|-------------------------------|-------------------------|
| 205-40-1607 | PROPERTY TAXES - GENERAL FUND | \$25,000 |
| | Total: | \$25,000 |

Plan FY: 2010-2011 BICYCLE AND PEDESTRIAN IMPROVEMENT GRANT MATCH

CIP Project #: 1860

Master Plan:

Category: Transportation

Department: Public Works Department

Plan Element:

Classification: Pedestrian & Bikeway

Total Cost: \$40,000

This is an annual dedication to provide funds for match requirements on bicycle and pedestrian grants that are made available annually by the Oregon Department of Transportation. Many of the grants available require a local match. This dedication will provide a funding source should appropriate opportunities arise. All grant opportunities will come before City Council for approval prior to application.

Operating Budget Impact: None. There is no impact to street maintenance costs because this is reserve funding for potential grants, should the opportunity arise.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|-----------------------|-------------------------|
| 250-50-2700 | CAPITAL RESERVES | \$40,000 |
| | Total: | \$40,000 |

Plan FY: 2010-2011 JACKSON STREET RECONSTRUCTION

CIP Project #: 1908

Master Plan: Transportation Master Plan

Plan Element:

Category: Transportation

Classification: Street Reconstruction/Improvements

Department: Public Works Department

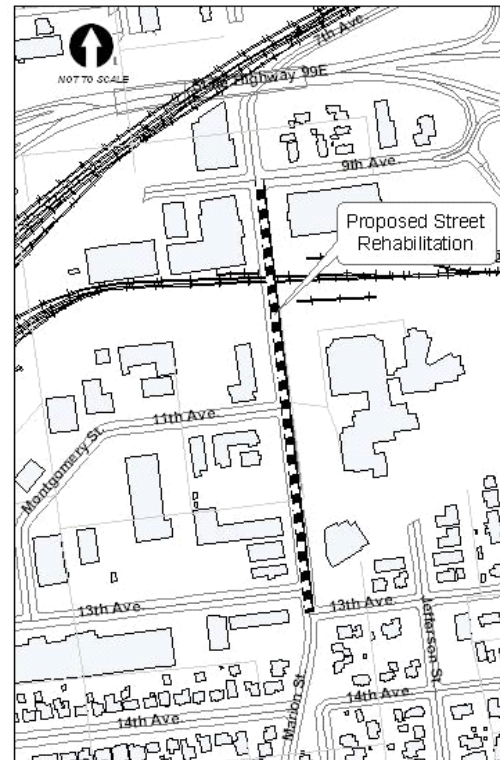
Total Cost: \$1,199,000

This project includes full street reconstruction of Jackson Street between 9th Avenue and 13th Avenue. The existing pavement and curbs are in poor condition due to heavy truck traffic.

Operating Budget Impact: This project will reduce street maintenance costs in the long term with fewer pothole and patching repairs and fewer responses to citizen complaints about the poor condition of the road.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|---------------------------------------|-------------------------|
| 250-50-2700 CAPITAL RESERVES | \$354,000 |
| 250-50-2700 STATE OF OREGON | \$845,000 |
| Total: | \$1,199,000 |



Plan FY: 2010-2011 AMERICANS WITH DISABILITIES ACT (ADA) PUBLIC IMPROVEMENT COMPLIANCE PROGRAM

CIP Project #: 1933

Master Plan:

Category: Transportation

Department: Public Works Department

Plan Element:

Classification: Pedestrian & Bikeway

Total Cost: \$25,000

This project is an annual dedication to provide funds to make improvements to the public sidewalks and roadways to address ADA deficiencies and improve access for people within the right-of-way. This dedication will provide funding to tackle issues in a prioritized and systematic way.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|---|-------------------------|
| 205-40-1607 PROPERTY TAXES - GENERAL FUND | \$25,000 |
| Total: | \$25,000 |

Plan FY: 2011-2012 BICYCLE AND PEDESTRIAN IMPROVEMENT GRANT MATCH

CIP Project #: 1907

Master Plan:

Category: Transportation

Department: Public Works Department

Plan Element:

Classification: Pedestrian & Bikeway

Total Cost: \$40,000

This is an annual dedication to provide funds for match requirements on bicycle and pedestrian grants that are made available annually by the Oregon Department of Transportation. Many of the grants available require a local match. This dedication will provide a funding source should appropriate opportunities arise. All grant opportunities will come before City Council for approval prior to application.

Operating Budget Impact: None. There is no impact to street maintenance costs because this is reserve funding for potential grants, should the opportunity arise.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|---------------------------------------|-------------------------|
| 250-50-2700 CAPITAL RESERVES | \$40,000 |
| Total: | \$40,000 |

Plan FY: 2011-2012 AMERICANS WITH DISABILITIES ACT (ADA) PUBLIC IMPROVEMENT COMPLIANCE PROGRAM

CIP Project #: 1934

Master Plan: **Plan Element:**
Category: Transportation **Classification:** Pedestrian & Bikeway
Department: Public Works Department

Total Cost: \$25,000

This project is an annual dedication to provide funds to make improvements to the public sidewalks and roadways to address ADA deficiencies and improve access for people within the right-of-way. This dedication will provide funding to tackle issues in a prioritized and systematic way.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|-------------------------------|-------------------------|
| 205-40-1607 | PROPERTY TAXES - GENERAL FUND | \$25,000 |
| | Total: | \$25,000 |

Plan FY: 2012-2013 QUEEN AVENUE STREET REHABILITATION

CIP Project #: 1857

Master Plan: Transportation Master Plan

Plan Element:

Category: Transportation

Classification: Street Reconstruction/Improvements

Department: Public Works Department

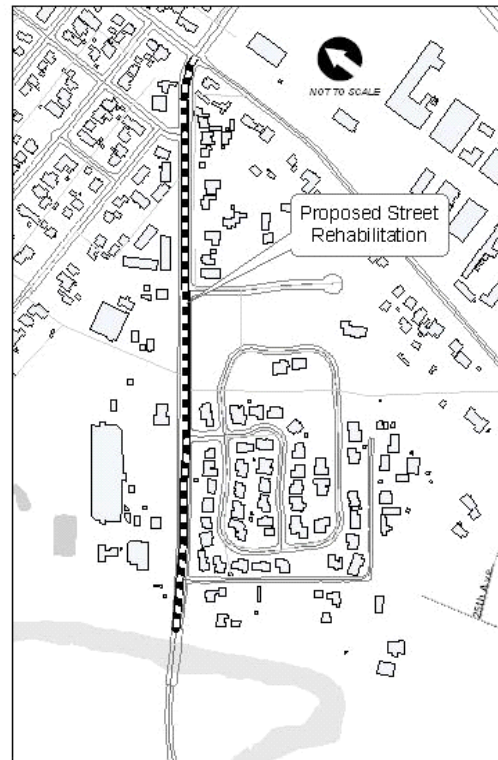
Total Cost: \$771,000

This project includes pavement rehabilitation in the travel lanes and an asphalt overlay of the entire street on Queen Avenue from Broadway Street west to the city limits. The existing pavement in the travel lanes is cracked and rutted due to heavy truck traffic and inadequate asphalt thickness. Also included in this project is 120 feet of 8-inch ductile iron waterline to connect the waterline in Lincoln Street to the line in Queen Avenue. Funding levels for this project will be re-evaluated in FY08-09 based on current traffic counts and the resulting structural section required to support existing and projected future traffic volumes.

Operating Budget Impact: This project will reduce street maintenance costs in the long term with fewer pothole and patching repairs and fewer responses to citizen complaints about the poor condition of the road.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|--|-------------------------|
| 615-50-2308 WATER RATES/OPERATING REVENUES | \$22,000 |
| 250-50-2700 CAPITAL RESERVES | \$174,000 |
| 250-50-2700 STATE OF OREGON | \$575,000 |
| Total: | \$771,000 |



Plan FY: 2012-2013 BICYCLE AND PEDESTRIAN IMPROVEMENT GRANT MATCH

CIP Project #: 1927

Master Plan:

Category: Transportation

Department: Public Works Department

Plan Element:

Classification: Pedestrian & Bikeway

Total Cost: \$40,000

This is an annual dedication to provide funds for match requirements on bicycle and pedestrian grants that are made available annually by the Oregon Department of Transportation. Many of the grants available require a local match. This dedication will provide a funding source should appropriate opportunities arise. All grant opportunities will come before City Council for approval prior to application.

Operating Budget Impact: None. There is no impact to street maintenance costs because this is reserve funding for potential grants, should the opportunity arise.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|---------------------------------------|-------------------------|
| 250-50-2700 CAPITAL RESERVES | \$40,000 |
| Total: | \$40,000 |

Plan FY: 2012-2013 AMERICANS WITH DISABILITIES ACT (ADA) PUBLIC IMPROVEMENT COMPLIANCE PROGRAM

CIP Project #: 1935

Master Plan:

Category: Transportation

Department: Public Works Department

Plan Element:

Classification: Pedestrian & Bikeway

Total Cost: \$25,000

This project is an annual dedication to provide funds to make improvements to the public sidewalks and roadways to address ADA deficiencies and improve access for people within the right-of-way. This dedication will provide funding to tackle issues in a prioritized and systematic way.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|-------------------------------|-------------------------|
| 205-40-1607 | PROPERTY TAXES - GENERAL FUND | \$25,000 |
| | Total: | \$25,000 |

Unfunded Projects

The following projects have been identified as needed repairs and/or improvements to the City's infrastructure. In most cases, these projects are the result of a master plan process, which attempts to systematically look at the needs for public infrastructure over the next 10 to 20 years. These projects are considered "Unfunded" because either a source of funding has not been made available, or they will not be implemented within the five-year window this plan covers.

Airport

| CIP # | Phase | Year | Title | Projected Total |
|------------------------------------|-------|------|---|--------------------|
| 1697 | 1 | 0 | REHABILITATE THE FIXED BASE OPERATOR BUILDING | \$181,000 |
| 1697 | 2 | 0 | REHABILITATE THE FIXED BASE OPERATOR BUILDING | \$204,000 |
| 1697 | 3 | 0 | REHABILITATE THE FIXED BASE OPERATOR BUILDING | \$243,000 |
| 1700 | 0 | 0 | ACQUIRE PROPERTY - RUNWAY 16 RPZ | \$30,000 |
| 1876 | 0 | 0 | AIRPORT STORM DRAINAGE ANALYSIS | \$51,000 |
| 1877 | 0 | 0 | REHABILITATE OPEN T-HANGER TAXIWAY / DRAINAGE | \$82,000 |
| 1878 | 0 | 0 | SEWER EXTENSION TO SOUTH HANGERS | \$286,000 |
| 1879 | 0 | 0 | LANDSCAPE FBO FRONTAGE | \$225,000 |
| 1880 | 0 | 0 | SEWER EXTENSION TO NORTH HANGERS | \$613,000 |
| 1881 | 0 | 0 | RUNWAY 34 SAFETY OVERRUN PROTECTION | \$327,000 |
| Total for Unfunded Airport: | | | | \$2,242,000 |

Bridges

| CIP # | Phase | Year | Title | Projected Total |
|------------------------------------|-------|------|----------------------------------|------------------|
| 1063 | | 0 | 7TH AVENUE AT ALBANY CANAL | \$63,000 |
| 1064 | | 0 | 9TH AVENUE AT ALBANY CANAL | \$57,000 |
| 1065 | | 0 | 10TH AVENUE AT ALBANY CANAL | \$40,000 |
| 1066 | | 0 | 11TH AVENUE AT ALBANY CANAL | \$34,000 |
| 1069 | | 0 | SALEM AVENUE AT PERIWINKLE CREEK | \$45,000 |
| Total for Unfunded Bridges: | | | | \$239,000 |

Miscellaneous - Transportation

| CIP # | Phase | Year | Title | Projected Total |
|-------|-------|------|--|-----------------|
| 1140 | | 0 | US 20 INTERSECTIONS WITH NW NORTH ALBANY RD, NW SPRING HILL RD, DOWNTOWN INTERS. ON LYON/ELLSWORTH | \$142,000 |
| 1142 | | 0 | US 20/ELLSWORTH STREET AND 4TH AVENUE | \$14,000 |
| 1143 | | 0 | US 20/LYON STREET AND 4TH AVENUE | \$14,000 |
| 1145 | | 0 | US 20/SANTIAM HIGHWAY AND SPICER DR/I-5 NB RAMPS | \$71,000 |
| 1147 | | 0 | NW GIBSON HILL ROAD AND NW CROCKER LN | \$242,000 |
| 1148 | | 0 | KNOX BUTTE ROAD AND CENTURY DR/I-5 NB OFF-RAMP | \$163,000 |
| 1149 | | 0 | KNOX BUTTE ROAD AND I-5 NB OFF-RAMP - SIGNALS | \$341,000 |
| 1150 | | 0 | NW NORTH ALBANY ROAD AND NW HICKORY STREET | \$242,000 |
| 1188 | | 0 | ALBANY BY-PASS BRIDGE STUDY | \$50,000 |
| 1793 | 1 | 0 | TIMBER STREET RIGHT-OF-WAY ACQUISITION | \$3,272,000 |
| 1793 | 2 | 0 | TIMBER STREET IMPROVEMENTS | \$4,362,000 |
| 1794 | | 0 | EAST I-5, SOUTH | \$6,871,000 |

| CIP # | Phase | Year | Title | Projected Total |
|---|-------|------|-------|---------------------|
| Total for Unfunded Miscellaneous - Transportation: | | | | \$15,784,000 |

New Construction

| CIP # | Phase | Year | Title | Projected Total |
|---|-------|------|--|----------------------|
| 1118 | | 0 | MAJOR AND MINOR COLLECTORS IN EAST ALBANY | \$64,459,000 |
| 1119 | | 0 | FESCUE ST EXTENSION, SPICER TO FESCUE & SOUTH OF FESCUE TO THREE LAKES ROAD | \$8,955,000 |
| 1121 | | 0 | GOLDFISH FARM ROAD EXTENSION, SOUTH TO SPICER DR | \$4,230,000 |
| 1122 | | 0 | MAJOR COLLECTOR, SPICER DR TO GOLDFISH FARM ROAD | \$4,377,000 |
| 1123 | | 0 | DUNLAP AVENUE, CENTURY DR TO NEW MAJOR COLLECTOR | \$2,707,000 |
| 1124 | | 0 | MAJOR COLLECTOR, DUNLAP AVENUE TO KNOX BUTTE ROAD | \$4,377,000 |
| 1126 | | 0 | PRINCIPAL ARTERIAL IN SOUTH ALBANY, PACIFIC BLVD/SR 99E TO LOCHNER ROAD | \$14,803,000 |
| 1127 | | 0 | LOCHNER ROAD EXTENSION, SOUTH TO UGB (FOR EVENTUAL CONNECTION TO BETA DR OUTSIDE UGB) | \$1,777,000 |
| 1128 | | 0 | MAJOR COLLECTOR IN SOUTH ALBANY, LOCHNER ROAD TO COLUMBUS ST | \$7,960,000 |
| 1129 | | 0 | LOONEY LN EXTENSION, SOUTH TO ALLEN LN | \$2,459,000 |
| 1130 | | 0 | BETA DR, PACIFIC BLVD/SR 99E TO UGB (FOR EVENTUAL CONNECTION TO LOCHNER ROAD EXTENSION, OUTSIDE UGB) | \$4,776,000 |
| 1134 | | 0 | ELLINGSON ROAD, COLUMBUS TO I-5 FUTURE ALIGNMENT | \$2,843,000 |
| 1136 | | 0 | MINOR COLLECTOR BETWEEN FESCUE AND THREE LAKES ROAD | \$1,970,000 |
| 1137 | | 0 | PACIFIC BLVD/SR 99E AND WAVERLY DR | \$924,000 |
| 1187 | | 0 | 14TH AVE, CALAPOOIA TO VINE | \$217,000 |
| 1676 | | 0 | NORTH ALBANY ROAD, CROCKER LANE TO COVEY RUN SUBDIVISION | \$1,426,000 |
| 1677 | | 0 | GIBSON HILL ROAD, CROCKER LANE TO SCENIC DRIVE | \$4,450,000 |
| Total for Unfunded New Construction: | | | | \$132,710,000 |

Pavement Preservation

| CIP # | Phase | Year | Title | Projected Total |
|--|-------|------|--|--------------------|
| 1002 | 6 | 0 | HILL ST, QUEEN TO 24TH AVENUE | \$1,506,000 |
| 1002 | 7 | 0 | HILL ST, 24TH TO 28TH AVENUE | \$856,000 |
| 1002 | 8 | 0 | HILL ST, 28TH TO 34TH AVENUE | \$1,038,000 |
| 1049 | | 0 | GEARY ST, FRONT AVENUE TO 14TH AVENUE (EXCEPT 7TH TO 9TH: PART OF COUPLET) | \$1,753,000 |
| 1051 | | 0 | JACKSON ST, 7TH AVENUE TO 9TH | \$604,000 |
| 1053 | | 0 | US 20, JUNIPER LN TO BLOSSOM LN | \$896,000 |
| 1055 | | 0 | 9TH AVENUE, JACKSON TO PACIFIC/9TH COUPLET | \$321,000 |
| 1651 | | 0 | COLUMBUS STREET - GRAND PRAIRIE TO 34TH AVENUE | \$171,000 |
| Total for Unfunded Pavement Preservation: | | | | \$7,145,000 |

Pedestrian & Bikeway

| CIP # | Phase | Year | Title | Projected Total |
|-------|-------|------|---|-----------------|
| 1077 | | 0 | 3RD AVENUE, VINE STREET TO WASHINGTON STREET | \$3,000 |
| 1078 | | 0 | 9TH AVENUE, US 20/ELLSWORTH ST TO PACIFIC BLVD/SR 99E | \$2,000 |
| 1079 | | 0 | 20TH AVENUE, 21ST AVENUE TO WAVERLY DRIVE | \$6,000 |
| 1080 | | 0 | 21ST AVENUE, GEARY ST TO 20TH AVENUE | \$6,000 |

Capital Improvement Program 2009-2013

| CIP # | Phase | Year | Title | Projected Total |
|---|-------|------|--|--------------------|
| 1081 | | 0 | 24TH AVENUE, LIBERTY ST TO PACIFIC BLVD/SR 99E | \$7,000 |
| 1083 | | 0 | BRYANT WAY BIKE LANES, VINE STREET TO ALBANY UGB | \$179,000 |
| 1086 | | 0 | LIBERTY ST BIKE LANES, 24TH AVENUE TO QUEEN AVE | \$8,000 |
| 1087 | | 0 | LOONEY LANE, SOUTH OF BELMONT AVE | \$2,000 |
| 1089 | | 0 | US 20/ELLSWORTH ST, 1ST AVENUE TO 9TH AVE | \$10,000 |
| 1090 | | 0 | US 20/LYON ST, 9TH AVENUE TO 1ST AVE | \$10,000 |
| 1091 | | 0 | WASHINGTON ST, 9TH AVENUE TO 14TH AVE | \$9,000 |
| 1092 | | 0 | 24TH AVENUE, LIBERTY ST TO PACIFIC BLVD/SR 99E | \$84,000 |
| 1094 | | 0 | BRYANT WAY SIDEWALK, ALBANY UGB TO CALAPOOIA RIVER BRIDGE | \$171,000 |
| 1095 | | 0 | COLUMBUS ST, DEL RIO AVENUE TO WAVERLY DRIVE | \$52,000 |
| 1097 | | 0 | CONNECTION BETWEEN LINN AVENUE AND KNOX BUTTE ROAD, EAST OF TIMBER ST | \$20,000 |
| 1098 | | 0 | CONNECTION BETWEEN LINN-BENTON COMMUNITY COLLEGE AND LOONEY LN | \$138,000 |
| 1099 | | 0 | CONNECTION BETWEEN NORTH ALBANY SCHOOLS AND NW QUARRY ROAD | \$72,000 |
| 1100 | | 0 | CONNECTION BETWEEN NORTH ALBANY SCHOOLS AND NW SHADY LANE | \$350,000 |
| 1101 | | 0 | DEL RIO AVENUE, COLUMBUS ST TO SHORTRIDGE STREET | \$34,000 |
| 1103 | | 0 | GEARY ST, 21ST AVENUE TO GEARY PLACE | \$109,000 |
| 1104 | | 0 | GEARY ST, GRAND PRAIRIE ROAD TO 34TH AVE | \$154,000 |
| 1106 | | 0 | LIBERTY ST SIDEWALK, QUEEN AVENUE TO 24TH AVE | \$47,000 |
| 1107 | | 0 | MAIN ST., 2ND AVENUE TO SANTIAM AVE | \$51,000 |
| 1108 | | 0 | NW EDGEWOOD DR, NW SKYLINE DR TO W. THORNTON LAKE DR | \$365,000 |
| 1109 | | 0 | NW GIBSON HILL ROAD AT NW SUNNY LN AND NW PULVER LN | \$7,000 |
| 1110 | | 0 | NW SCENIC DR AT NW GIBSON HILL ROAD | \$7,000 |
| 1111 | | 0 | NW SPRING HILL ROAD, US 20 TO NW HICKORY ROAD | \$30,000 |
| 1112 | | 0 | PACIFIC BLVD/SR 99E, ALBANY AVE/AIRPORT ROAD TO KNOX BUTTE ROAD | \$38,000 |
| 1113 | | 0 | US 20, NORTH ALBANY ROAD TO NW SPRING HILL DR | \$371,000 |
| 1115 | | 0 | WAVERLY DR, 14TH TO QUEEN AVENUE | \$31,000 |
| 1183 | | 0 | 9TH AVENUE, BROADWAY STREET TO US 20/ELLSWORTH STREET IF TRAFFIC EXCEEDS 3000 ADT | \$20,000 |
| 1184 | | 0 | DEL RIO AVENUE, COLUMBUS STREET TO CHESTNUT COURT IF TRAFFIC EXCEEDS 3000 ADT | \$13,000 |
| 1185 | | 0 | CONNECTION BETWEEN NW BRIARWOOD PL AND NW SCENIC DR NEIGHBORHOOD | \$199,000 |
| 1186 | | 0 | CONNECTION BETWEEN NW JONES AVENUE AND RESIDENTIAL AREAS TO THE WEST | \$38,000 |
| 1867 | | 0 | MARION STREET, RAILROAD TRACKS TO LOCHNER ROAD | \$79,000 |
| Total for Unfunded Pedestrian & Bikeway: | | | | \$2,722,000 |

Street Reconstruction/Improvements

| CIP # | Phase | Year | Title | Projected Total |
|-------|-------|------|--|-----------------|
| 1009 | | 0 | PACIFIC BOULEVARD/SR 99E AND QUEEN AVENUE | \$2,132,000 |
| 1011 | | 0 | US 20/SANTIAM HIGHWAY AND WAVERLY DR | \$2,871,000 |
| 1013 | | 0 | MAIN STREET INTERSECTIONS WITH 1ST AVENUE, 2ND AVENUE, SALEM AVENUE, SANTIAM ROAD | \$3,348,000 |
| 1014 | | 0 | US 20 AND NW SCENIC DR | \$57,000 |
| 1015 | | 0 | 7TH AVENUE, HILL ST TO MAIN ST | \$208,000 |
| 1018 | | 0 | ALLEN LN, PACIFIC BLVD/SR 99E TO LOONEY LN | \$621,000 |

| CIP # | Phase | Year | Title | Projected Total |
|-------|-------|------|---|-----------------|
| 1019 | | 0 | CENTURY DR, DUNLAP AVENUE TO ALBANY UGB | \$1,692,000 |
| 1021 | | 0 | COLUMBUS ST, WAVERLY DR TO ALBANY UGB | \$4,290,000 |
| 1022 | | 0 | NW CROCKER LN, NW GIBSON HILL ROAD TO NW VALLEY VIEW DR | \$1,340,000 |
| 1024 | | 0 | ELLINGSON ROAD, LOCHNER ROAD TO COLUMBUS ST | \$6,408,000 |
| 1025 | | 0 | NW GIBSON HILL ROAD, NW SCENIC DR TO NW CROCKER LN | \$2,814,000 |
| 1026 | | 0 | GOLDFISH FARM ROAD, KNOX BUTTE ROAD TO US 20/SANTIAM HIGHWAY | \$7,314,000 |
| 1027 | | 0 | GRAND PRAIRIE ROAD, WAVERLY DR TO ALBANY UGB | \$7,761,000 |
| 1028 | | 0 | KNOX BUTTE ROAD, CENTURY DRIVE TO TIMBER ST | \$450,000 |
| 1029 | | 0 | KNOX BUTTE ROAD, TIMBER STREET TO ALBANY UGB | \$11,514,000 |
| 1030 | | 0 | LOCHNER ROAD, MARION STREET TO ELLINGSON ROAD | \$10,657,000 |
| 1031 | | 0 | MAIN ST, SANTIAM ROAD TO 7TH AVE | \$968,000 |
| 1032 | | 0 | NW NORTH ALBANY ROAD, NW QUARRY ROAD TO NW GIBSON HILL ROAD | \$619,000 |
| 1033 | | 0 | NW QUARRY ROAD, NW NORTH ALBANY ROAD TO NW SPRING HILL DRIVE | \$2,308,000 |
| 1034 | | 0 | NW SCENIC DR, APPROX. 2800' SOUTH OF NW GIBSON HILL ROAD TO NORTHERLY ALBANY UGB | \$3,710,000 |
| 1035 | | 0 | SCRAVEL HILL ROAD, ALBANY UGB TO REALIGNED SEGMENT | \$11,253,000 |
| 1036 | | 0 | NW SKYLINE DR, NW GIBSON HILL TO NW MIRADA ST | \$644,000 |
| 1037 | | 0 | SPICER DR, US 20/SANTIAM HIGHWAY TO EAST END OF CIRCLE DR | \$165,000 |
| 1038 | | 0 | SPICER DR, THREE LAKES ROAD TO ALBANY UGB | \$4,270,000 |
| 1039 | | 0 | NW SPRING HILL DRIVE, NW HICKORY ROAD TO NW COUNTRY CLUB LANE | \$1,413,000 |
| 1040 | | 0 | NW SPRING HILL DRIVE, NW COUNTRY CLUB LANE TO ALBANY UGB | \$345,000 |
| 1041 | | 0 | THREE LAKES ROAD, SPICER DRIVE TO ALBANY UGB, NOT INCLUDING SEGMENT TO BE REALIGNED (PROJECT 213) | \$9,851,000 |
| 1042 | | 0 | US 20/SANTIAM HIGHWAY, PRICE ROAD TO GOLDFISH FARM ROAD | \$171,000 |
| 1043 | | 0 | US 20/SANTIAM HIGHWAY, GOLDFISH FARM ROAD TO ALBANY UGB | \$4,522,000 |
| 1044 | | 0 | NW VALLEY VIEW DR, NW SCENIC DR TO NW CROCKER LANE | \$2,003,000 |
| 1045 | | 0 | NW WEST THORNTON LAKE DR, NW NORTH ALBANY ROAD TO NW EDGEWOOD DR | \$3,373,000 |
| 1046 | | 0 | KENNEL ROAD, HWY 20 TO ALBANY UGB | \$269,000 |
| 1056 | | 0 | NW GIBSON HILL ROAD, NW CROCKER LN TO NORTH ALBANY ROAD | \$3,341,000 |
| 1057 | | 0 | NW PINEVIEW DR AND NW SCENIC DR | \$142,000 |
| 1071 | | 0 | LOCHNER ROAD, AT OAK CREEK | \$2,132,000 |
| 1131 | | 0 | THREE LAKES ROAD REALIGNMENT | \$2,613,000 |
| 1132 | | 0 | OAK GROVE ROAD REALIGNMENT | \$465,000 |
| 1133 | | 0 | SCRAVEL HILL ROAD REALIGNMENT | \$3,763,000 |
| 1138 | | 0 | US 20 AND NW SPRING HILL DRIVE | \$36,000 |
| 1141 | | 0 | US 20/LYON STREET AND 1ST AVENUE | \$28,000 |
| 1144 | | 0 | PACIFIC BLVD/SR 99E AND AIRPORT ROAD/ALBANY AVENUE | \$1,710,000 |
| 1151 | | 0 | NW NORTH ALBANY ROAD AND WEST THORNTON LAKE DR | \$1,704,000 |
| 1159 | | 0 | GEARY ST, 9TH AVENUE TO QUEEN AVE | \$3,214,000 |
| 1160 | | 0 | US 20, NW SCENIC DR TO NW NORTH ALBANY ROAD | \$12,715,000 |
| 1161 | | 0 | WAVERLY DR, QUEEN AVENUE TO GRAND PRAIRIE ROAD | \$2,398,000 |
| 1162 | | 0 | KNOX BUTTE INTERCHANGE (AKA NORTH ALBANY INTERCHANGE) | \$4,975,000 |
| 1163 | | 0 | SANTIAM INTERCHANGE | \$35,537,000 |
| 1164 | | 0 | INTERSTATE 5 MAINLINE, ALBANY NORTH CITY LIMITS TO SANTIAM INTERCHANGE | \$17,882,000 |
| 1443 | 1 | 0 | OAK STREET, 9TH AVENUE TO QUEEN AVENUE | \$2,895,000 |
| 1652 | | 0 | SHORT RIDGE - HIGHWAY 20 TO 16TH AVENUE | \$411,000 |

Capital Improvement Program 2009-2013

| CIP # | Phase | Year | Title | Projected Total |
|---|-------|------|--------------------------------------|----------------------|
| 1653 | | 0 | 37TH AVENUE – HIGHWAY 99 TO WEST END | \$359,000 |
| Total for Unfunded Street Reconstruction/Improvements: | | | | \$205,681,000 |

Traffic Signals

| CIP # | Phase | Year | Title | Projected Total |
|--|-------|------|---|------------------|
| 1154 | | 0 | NW SPRING HILL DR AND NW HICKORY STREET | \$242,000 |
| 1157 | | 0 | US 20/SANTIAM HIGHWAY AND TIMBER STREET | \$313,000 |
| Total for Unfunded Traffic Signals: | | | | \$555,000 |

Transit & Rail

| CIP # | Phase | Year | Title | Projected Total |
|---|-------|------|--|--------------------|
| 1796 | 4 | 0 | MULTIMODAL PHASE IV - RAIL PLATFORM | \$1,636,000 |
| 1872 | | 0 | ATS - EXPAND SERVICE WITH TWO NEW BUSES | \$600,000 |
| 1873 | | 0 | PARATRANSIT - EXPAND SERVICE WITH TWO NEW VEHICLES | \$200,000 |
| 1874 | | 0 | INCREASE NUMBER OF TRANSIT SHELTERS (12) | \$120,000 |
| 1875 | | 0 | REPLACEMENT VEHICLE FOR PARATRANSIT SERVICE | \$100,000 |
| Total for Unfunded Transit & Rail: | | | | \$2,656,000 |

Grand Total for Unfunded Transportation: \$369,734,000

Wastewater

Meeting Environmental Challenges

Construction has started on the largest public works project in Albany's history

Expansion of the wastewater treatment plant is required by a stipulated final order from the Oregon Department of Environmental Quality (DEQ). The order requires the City to eliminate wastewater overflows during regulated storm events. The project will also provide added capacity to accommodate growth in the Albany/Millersburg service area.

In June 2006 Albany City Council awarded the construction contract for this project to Wildish Building Company through a competitive bidding process. The low bid contract award amount was \$50,286,567. Wildish began construction of the wastewater treatment plant expansion project in August 2006. Construction is approximately 65 percent complete, with excavation, utility relocation and construction of major process unit structures nearly done. Remaining work involves completing outstanding structural work, installing mechanical and electrical equipment, final grading, paving, and start up of the first phase of the project. The first phase of the project will increase the hydraulic capacity of the treatment plant from approximately 20 million gallons per day (MGD) to 68 MGD and is expected to be completed late Spring or early Summer of 2008.

The second phase of the project will involve construction of solids handling improvements and will begin in Spring 2008 with expected completion in Summer 2009. Final completion in all respects is scheduled for Fall of 2009. This schedule will complete improvements ahead of the required completion date of December 31, 2009, as required in the City's order from the state.

Funding for the project will be primarily through a loan from DEQ. The City entered into a loan agreement with DEQ in June 2003 to secure project funding. A funding plan that incorporates a combination of wastewater user rate revenue and Sewer System Development Charges has been developed to fund debt service payments for this loan.

The current priority is to complete the wastewater treatment plant expansion, upsize interceptors, and complete pump station upgrades required to meet DEQ regulatory requirements to control sanitary sewer overflows. All other lower priority sewer pipe replacement projects have been deferred until these mandated projects are completed.

Replacement Needs Prominent

Similar to the water system's steel pipelines, the sewer system has its own failing group of pipelines. Age, displaced pipe joints, crushed pipe, root intrusions, open holes, and direct storm water connections are all factors that lead to the need for replacement. Unfortunately, funds currently allocated to replacement are not adequate to fully fund the City's goal of a 100-year replacement cycle.

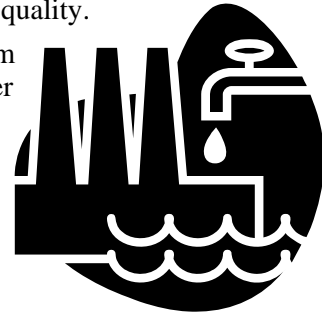
Fixing the Problems

The City Council has adopted a Wastewater Master Plan and a Wastewater Financial Plan to begin to address these problems. The highlights include direction to:

- Improve the Wastewater Treatment Plant to meet regulatory requirements by 2010.
- Dedicate at least \$1 million per year for sewer pipe replacement.
- As debt payments decrease, use that money for more pipe replacement.
- Reach a 100-year “perpetual life” replacement cycle.

Projects contained in this report are selected by assessing the priority of the need along with the timing of master plan projects. The criteria for selecting projects includes:

- Projects needed to meet regulatory requirements for improving water quality.
- Projects needed to maintain capacity and reliability of critical system components, such as pump stations and structural integrity of sewer lines.
- Projects related to street improvements.
- Projects necessary to reduce or eliminate basement flooding.
- Projects that help reduce sewer system inflow and infiltration.
- Projects related to other issues such as alleviating health hazards.



Funding Summary

The following table shows the total amount of projects scheduled in each of the five years of this CIP, broken down by the source of the funding. The costs shown are the projected total project costs in the year the project is proposed.

Each year the estimated cost of the projects is adjusted to current year costs by applying the change in the Engineering News-Record (ENR) construction cost index for Seattle. An annual 3.7 percent inflation factor is added to estimate future year costs.

Projected Cost Totals

| FUNDING SOURCE | 2009 | 2010 | 2011 | 2012 | 2013 | TOTAL |
|--------------------------------|--------------------|------------------|--------------------|--------------------|--------------------|---------------------|
| SDC – Improvement – Sewer | \$3,600,000 | \$124,000 | \$600,000 | \$1,426,000 | \$2,910,000 | \$8,660,000 |
| Sewer Rates/Operating Revenues | \$4,770,000 | \$521,000 | \$4,753,000 | \$777,000 | \$1,523,000 | \$12,344,000 |
| GRAND TOTALS: | \$8,370,000 | \$645,000 | \$5,353,000 | \$2,203,000 | \$4,433,000 | \$21,004,000 |

*Although a loan from the State Revolving Fund (SRF) will be used to fund the majority of the wastewater treatment plant expansion project in the near term, a combination of rates and SDCs will be used to pay back the debt. Overall, SDCs will fund 45 percent of the total project as shown on the individual project sheets.

Funded Projects Summary & Detail

The following projects have been identified for inclusion in this five-year Capital Improvement Program.

Each project shown below is explained in detail on the pages that follow. Projects are listed in the fiscal year order they are planned to occur, and in CIP ID# order within a given fiscal year set.

| CIP # | Phase | Title | Projected Total |
|------------------------------------|-------|--|---------------------|
| Plan Year: 2008 - 2009 | | | |
| 1197 | 6 | TREATMENT PLANT IMPROVEMENTS - CONSTRUCTION | \$8,000,000 |
| 1227 | | LATERAL REPLACEMENT & BASEMENT PROTECTION | \$220,000 |
| 1695 | | RAIN DRAIN SEPARATION PROJECTS | \$150,000 |
| Total for FY 2008 - 2009 | | | \$8,370,000 |
| Plan Year: 2009 - 2010 | | | |
| 1197 | 7 | TREATMENT PLANT IMPROVEMENTS - CONSTRUCTION | \$275,000 |
| 1228 | | LATERAL REPLACEMENT & BASEMENT PROTECTION | \$220,000 |
| 1742 | | RAIN DRAIN SEPARATION PROJECTS | \$150,000 |
| Total for FY 2009 - 2010 | | | \$645,000 |
| Plan Year: 2010 - 2011 | | | |
| 1229 | | LATERAL REPLACEMENT & BASEMENT PROTECTION | \$220,000 |
| 1630 | | OAK CREEK LIFT STATION AND FORCE MAIN IMPROVEMENTS | \$4,800,000 |
| 1744 | 2 | WASTEWATER TREATMENT PLANT PROPERTY ACQUISITION | \$183,000 |
| 1754 | | RAIN DRAIN SEPARATION PROJECTS | \$150,000 |
| Total for FY 2010 - 2011 | | | \$5,353,000 |
| Plan Year: 2011 - 2012 | | | |
| 1230 | | LATERAL REPLACEMENT & BASEMENT PROTECTION | \$220,000 |
| 1249 | 1 | COX CREEK INTERCEPTOR: WWTP TO BAIN STREET | \$1,833,000 |
| 1755 | | RAIN DRAIN SEPARATION PROJECTS | \$150,000 |
| Total for FY 2011 - 2012 | | | \$2,203,000 |
| Plan Year: 2012 - 2013 | | | |
| 1231 | | LATERAL REPLACEMENT & BASEMENT PROTECTION | \$220,000 |
| 1249 | 2 | COX CREEK INTERCEPTOR: BAIN STREET TO PRICE ROAD | \$2,533,000 |
| 1756 | | RAIN DRAIN SEPARATION PROJECTS | \$150,000 |
| 1769 | | WEST LEG OF THE COX CREEK INTERCEPTOR | \$1,530,000 |
| Total for FY 2012 - 2013 | | | \$4,433,000 |
| Grand Total for Wastewater: | | | \$21,004,000 |

Plan FY: 2008-2009 TREATMENT PLANT IMPROVEMENTS - CONSTRUCTION

CIP Project #: 1197 Phase: 6

Master Plan: Sanitary Sewer Master Plan

Plan Element:

Category: Wastewater

Classification: Treatment

Department: Public Works Department

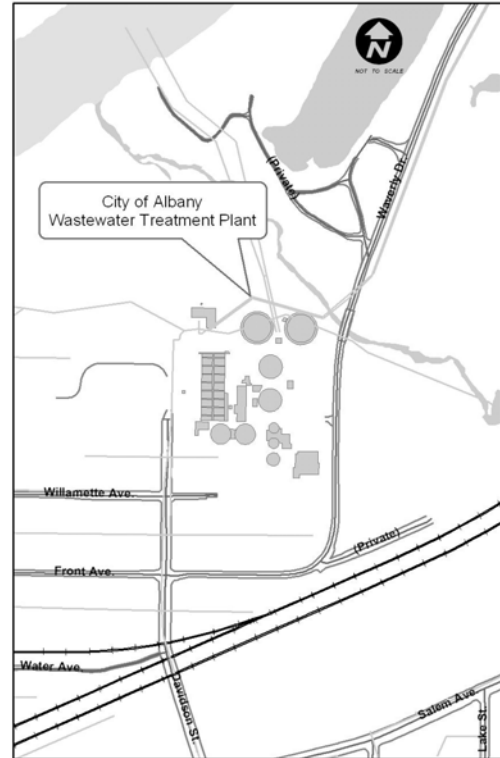
SDC

DEQ State Revolving Fund Loan

Total Cost: \$8,000,000

This project includes the design and construction of treatment plant improvements. The project began in FY 2004/05 and will continue through FY 2009/10. The improvements will increase treatment capacity to meet increased flows anticipated through 2030 and meet more stringent treatment standards required to satisfy the waste discharge permit. This project will be funded partially by loan proceeds from the State Revolving Loan Fund as authorized by Council.

Operating Budget Impact: This project will reduce maintenance costs over the long term. The treatment plant will be more cost effective in treating wastewater and biosolids. It is designed to be energy efficient, use less chemicals, and will produce significantly less biosolids.



Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|--------------------------------|-------------------------|
| 601-50-2502 | SDC - IMPROVEMENT - SEWER | \$3,600,000 |
| 601-50-2500 | SEWER RATES/OPERATING REVENUES | \$4,400,000 |
| Total: | | \$8,000,000 |

Related Projects:

| <u>Phase</u> | <u>Year</u> | <u>Title</u> | <u>Category</u> | <u>Projected Total</u> |
|-------------------------------------|-------------|---|-----------------|------------------------|
| 6 | 2009 | TREATMENT PLANT IMPROVEMENTS - CONSTRUCTION | Wastewater | \$8,000,000 |
| 7 | 2010 | TREATMENT PLANT IMPROVEMENTS - CONSTRUCTION | Wastewater | \$275,000 |
| Grand Total - All Related Projects: | | | | \$8,275,000 |

Plan FY: 2008-2009 LATERAL REPLACEMENT & BASEMENT PROTECTION

CIP Project #: 1227

Master Plan: Sanitary Sewer Master Plan **Plan Element:**
Category: Wastewater **Classification:** Miscellaneous - Wastewater
Department: Public Works Department

Total Cost: \$220,000

During FY 1999-2000, the City Council adopted three new programs to assist property owners with sanitary sewer lateral service issues.

The Basement Flooding Protection Loan Program provides a no-interest, ten-year loan to assist property owners with installation of backflow protection valves and sump pumps needed to protect buildings from flooding due to the sanitary sewer system.

The Council also adopted a Basement Flooding Protection Grant Program that provides limited City participation in the cost of basement flooding protection improvements. The grant program is targeted for properties that have experienced frequent flooding, have responded with good faith efforts to minimize the flooding risk, and in spite of these efforts, continue to experience basement flooding.

The lateral replacement program provides a one-time-only replacement of sanitary sewer service laterals on private property. The program reimburses qualifying property owners for the cost of replacing failing sanitary sewer service laterals. Replacement of these laterals reduces the amount of infiltration entering the sanitary sewer system through cracks and breaks in older, deteriorated service lines.

Operating Budget Impact: This project will reduce sewer maintenance costs over the long term by reducing the amount of extraneous flow into the sanitary sewer system that is receiving treatment.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|--|-------------------------|
| 601-50-2500 SEWER RATES/OPERATING REVENUES | \$220,000 |
| Total: | \$220,000 |

Plan FY: 2008-2009 RAIN DRAIN SEPARATION PROJECTS

CIP Project #: 1695

Master Plan: Sanitary Sewer Master Plan **Plan Element:**
Category: Wastewater **Classification:** Miscellaneous - Wastewater
Department: Public Works Department

Total Cost: \$150,000

This ongoing series of projects provides funding for reducing infiltration and inflow into the sanitary sewer system by disconnecting gutter systems that drain into the sewer. While current codes prohibit such connections, many older residences may still be connected.

Operating Budget Impact: This project will reduce maintenance costs over the long term because the removal of extraneous flow reduces the overall flow thru the collection system and treatment plant. It also preserves capacity in the long run.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|---|-------------------------|
| 601-50-2500SEWER RATES/OPERATING REVENUES | \$150,000 |
| Total: | \$150,000 |

Plan FY: 2009-2010 TREATMENT PLANT IMPROVEMENTS - CONSTRUCTION

CIP Project #: 1197 Phase: 7

Master Plan: Sanitary Sewer Master Plan
Category: Wastewater
Department: Public Works Department

Plan Element:
Classification: Treatment

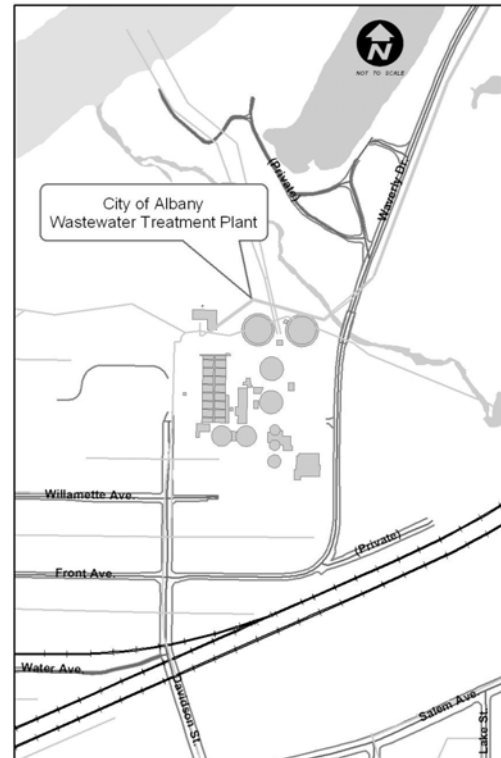
SDC

DEQ State Revolving Fund Loan

Total Cost: \$275,000

This project includes the design and construction of treatment plant improvements. The project began in FY 2004/05 and will continue through FY 2009/10. The improvements will increase treatment capacity to meet increased flows anticipated through 2030 and meet more stringent treatment standards required to satisfy the waste discharge permit. This project will be funded partially by loan proceeds from the State Revolving Loan Fund as authorized by Council.

Operating Budget Impact: This project will reduce maintenance costs over the long term. The treatment plant will be more cost effective in treating wastewater and biosolids. It is designed to be energy efficient, use less chemicals, and will produce significantly less biosolids.



Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|--------------------------------|-------------------------|
| 601-50-2502 | SDC - IMPROVEMENT - SEWER | \$124,000 |
| 601-50-2500 | SEWER RATES/OPERATING REVENUES | \$151,000 |
| Total: | | \$275,000 |

Related Projects:

| <u>Phase</u> | <u>Year</u> | <u>Title</u> | <u>Category</u> | <u>Projected Total</u> |
|-------------------------------------|-------------|---|-----------------|------------------------|
| 6 | 2009 | TREATMENT PLANT IMPROVEMENTS - CONSTRUCTION | Wastewater | \$8,000,000 |
| 7 | 2010 | TREATMENT PLANT IMPROVEMENTS - CONSTRUCTION | Wastewater | \$275,000 |
| Grand Total - All Related Projects: | | | | \$8,275,000 |

Plan FY: 2009-2010 LATERAL REPLACEMENT & BASEMENT PROTECTION**CIP Project #: 1228**

| | | | |
|---------------------|----------------------------|------------------------|----------------------------|
| Master Plan: | Sanitary Sewer Master Plan | Plan Element: | |
| Category: | Wastewater | Classification: | Miscellaneous - Wastewater |
| Department: | Public Works Department | | |

Total Cost: \$220,000

During FY 1999-2000, the City Council adopted three new programs to assist property owners with sanitary sewer lateral service issues.

The Basement Flooding Protection Loan Program provides a no-interest, ten-year loan to assist property owners with installation of backflow protection valves and sump pumps needed to protect buildings from flooding due to the sanitary sewer system.

The Council also adopted a Basement Flooding Protection Grant Program that provides limited City participation in the cost of basement flooding protection improvements. The grant program is targeted for properties that have experienced frequent flooding, have responded with good faith efforts to minimize the flooding risk, and in spite of these efforts, continue to experience basement flooding.

The lateral replacement program provides a one-time-only replacement of sanitary sewer service laterals on private property. The program reimburses qualifying property owners for the cost of replacing failing sanitary sewer service laterals. Replacement of these laterals reduces the amount of infiltration entering the sanitary sewer system through cracks and breaks in older, deteriorated service lines.

Operating Budget Impact: This project will reduce sewer maintenance costs over the long term by reducing the amount of extraneous flow into the sanitary sewer system that is receiving treatment.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|--------------------------------|-------------------------|
| 601-50-2500 | SEWER RATES/OPERATING REVENUES | \$220,000 |
| | Total: | \$220,000 |

Plan FY: 2009-2010 RAIN DRAIN SEPARATION PROJECTS

CIP Project #: 1742

Master Plan: Sanitary Sewer Master Plan

Plan Element:

Category: Wastewater

Classification: Miscellaneous - Wastewater

Department: Public Works Department

Total Cost: \$150,000

This ongoing series of projects provides funding for reducing infiltration and inflow into the sanitary sewer system by disconnecting gutter systems that drain into the sewer. While current codes prohibit such connections, many older residences may still be connected.

Operating Budget Impact: This project will reduce maintenance costs over the long term because the removal of extraneous flow reduces the overall flow thru the collection system and treatment plant. It also preserves capacity in the long run.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|--------------------------------|-------------------------|
| 601-50-2500 | SEWER RATES/OPERATING REVENUES | \$150,000 |
| | Total: | \$150,000 |

Plan FY: 2010-2011 LATERAL REPLACEMENT & BASEMENT PROTECTION**CIP Project #: 1229**

| | | | |
|---------------------|----------------------------|------------------------|----------------------------|
| Master Plan: | Sanitary Sewer Master Plan | Plan Element: | |
| Category: | Wastewater | Classification: | Miscellaneous - Wastewater |
| Department: | Public Works Department | | |

Total Cost: \$220,000

During FY 1999-2000, the City Council adopted three new programs to assist property owners with sanitary sewer lateral service issues.

The Basement Flooding Protection Loan Program provides a no-interest, ten-year loan to assist property owners with installation of backflow protection valves and sump pumps needed to protect buildings from flooding due to the sanitary sewer system.

The Council also adopted a Basement Flooding Protection Grant Program that provides limited City participation in the cost of basement flooding protection improvements. The grant program is targeted for properties that have experienced frequent flooding, have responded with good faith efforts to minimize the flooding risk, and in spite of these efforts, continue to experience basement flooding.

The lateral replacement program provides a one-time-only replacement of sanitary sewer service laterals on private property. The program reimburses qualifying property owners for the cost of replacing failing sanitary sewer service laterals. Replacement of these laterals reduces the amount of infiltration entering the sanitary sewer system through cracks and breaks in older, deteriorated service lines.

Operating Budget Impact: This project will reduce sewer maintenance costs over the long term by reducing the amount of extraneous flow into the sanitary sewer system that is receiving treatment.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|--------------------------------|-------------------------|
| 601-50-2500 | SEWER RATES/OPERATING REVENUES | \$220,000 |
| | Total: | \$220,000 |

Plan FY: 2010-2011 OAK CREEK LIFT STATION AND FORCE MAIN IMPROVEMENTS

CIP Project #: 1630

Master Plan: Sanitary Sewer Master Plan **Plan Element:**
Category: Wastewater **Classification:** Lift Stations
Department: Public Works Department

SDC

Total Cost: \$4,800,000

Evaluations were recently completed on operating strategies for the Oak Creek Lift Station, 34th Avenue Lift Station, North Albany Lift Station, and the wet weather lift station that was planned as part of the waste water treatment plant expansion project. The purpose of the evaluation was to determine the most cost effective approach for routing waste water flows and completing required lift station upgrades. Evaluations concluded with a recommendation not to construct the wet weather lift station. Instead, the City will pursue lift station and force main upgrades to the North Albany and Oak Creek Lift Stations. In addition, upgrades to the 34th Avenue Lift Station, which are already in the design phase, will proceed as planned.

This project provides for improvements to the Oak Creek Lift Station and for a new force main that will discharge to the Columbus Street Interceptor. Pre-design evaluations are currently being completed; as such, a final alignment for the force main has not been determined. Potential routes include routing along a Bonneville Power Administration easement east of the station or heading south down Highway 99 to Ellingson Road and over to Columbus Street.

As a result of the proposed operating changes, funds originally identified for the wet weather lift station will be dedicated to this project and CIP #1920 for improvements to the North Albany Lift Station and force main.

Operating Budget Impact: This project will reduce maintenance costs over the long term because wastewater received by this station will no longer be pumped to second station. Following these improvements wastewater flowing to this station will only be pumped once prior to reaching the treatment plant.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|---|-------------------------|
| 601-50-2502SDC - IMPROVEMENT - SEWER | \$600,000 |
| 601-50-2500SEWER RATES/OPERATING REVENUES | \$4,200,000 |
| Total: | \$4,800,000 |

Plan FY: 2010-2011 WASTEWATER TREATMENT PLANT PROPERTY ACQUISITION**CIP Project #: 1744 Phase: 2**

Master Plan: Sanitary Sewer Master Plan **Plan Element:**
Category: Wastewater **Classification:** Miscellaneous - Wastewater
Department: Public Works Department

Total Cost: \$183,000

This series of projects allocates funds for acquisition of property adjacent to the Wastewater Treatment Plant site that will be required for future plant expansions.

Operating Budget Impact: This project does not impact the operating budget. This is an allocation of funds in the event that property around the treatment plant is for sale and it is in the City's interest to purchase it.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|---|-------------------------|
| 601-50-2500SEWER RATES/OPERATING REVENUES | \$183,000 |
| Total: | \$183,000 |

Plan FY: 2010-2011 RAIN DRAIN SEPARATION PROJECTS

CIP Project #: 1754

Master Plan: Sanitary Sewer Master Plan

Plan Element:

Category: Wastewater

Classification: Miscellaneous - Wastewater

Department: Public Works Department

Total Cost: \$150,000

This ongoing series of projects provides funding for reducing infiltration and inflow into the sanitary sewer system by disconnecting gutter systems that drain into the sewer. While current codes prohibit such connections, many older residences may still be connected.

Operating Budget Impact: This project will reduce maintenance costs over the long term because the removal of extraneous flow reduces the overall flow thru the collection system and treatment plant. It also preserves capacity in the long run.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|--------------------------------|-------------------------|
| 601-50-2500 | SEWER RATES/OPERATING REVENUES | \$150,000 |
| | Total: | \$150,000 |

Plan FY: 2011-2012 LATERAL REPLACEMENT & BASEMENT PROTECTION**CIP Project #: 1230**

| | | | |
|---------------------|----------------------------|------------------------|----------------------------|
| Master Plan: | Sanitary Sewer Master Plan | Plan Element: | |
| Category: | Wastewater | Classification: | Miscellaneous - Wastewater |
| Department: | Public Works Department | | |

Total Cost: \$220,000

During FY 1999-2000, the City Council adopted three new programs to assist property owners with sanitary sewer lateral service issues.

The Basement Flooding Protection Loan Program provides a no-interest, ten-year loan to assist property owners with installation of backflow protection valves and sump pumps needed to protect buildings from flooding due to the sanitary sewer system.

The Council also adopted a Basement Flooding Protection Grant Program that provides limited City participation in the cost of basement flooding protection improvements. The grant program is targeted for properties that have experienced frequent flooding, have responded with good faith efforts to minimize the flooding risk, and in spite of these efforts, continue to experience basement flooding.

The lateral replacement program provides a one-time-only replacement of sanitary sewer service laterals on private property. The program reimburses qualifying property owners for the cost of replacing failing sanitary sewer service laterals. Replacement of these laterals reduces the amount of infiltration entering the sanitary sewer system through cracks and breaks in older, deteriorated service lines.

Operating Budget Impact: This project will reduce sewer maintenance costs over the long term by reducing the amount of extraneous flow into the sanitary sewer system that is receiving treatment.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|--------------------------------|-------------------------|
| 601-50-2500 | SEWER RATES/OPERATING REVENUES | \$220,000 |
| | Total: | \$220,000 |

Plan FY: 2011-2012 COX CREEK INTERCEPTOR: WWTP TO BAIN STREET

CIP Project #: 1249 Phase: 1

Master Plan: Sanitary Sewer Master Plan
Category: Wastewater
Department: Public Works Department

Plan Element: P2
Classification: Interceptors/Collectors

SDC

Total Cost: \$1,833,000

Replacement of 2,760 feet of the Cox Creek Interceptor with a 30-inch diameter sewer is required to prevent overflows in the collection system during a 5-year, 24-hour storm event. Replacement is needed to meet DEQ requirements. Replacement work involves a railroad crossing, crossing of a state highway, and excavation adjacent to waterways.

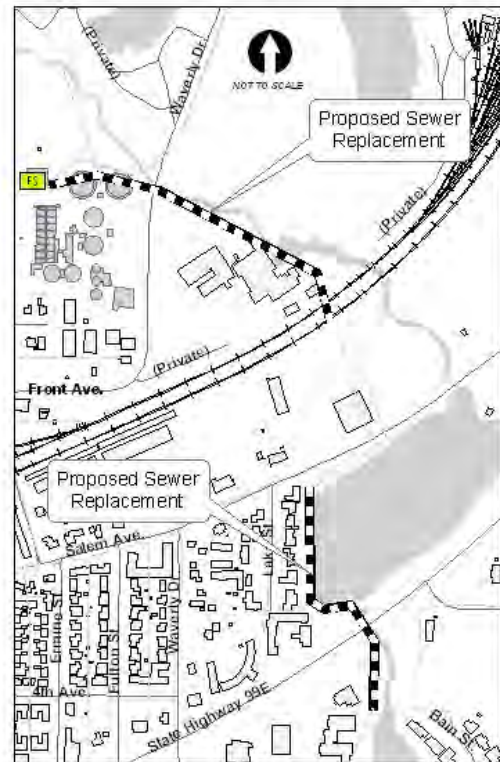
Operating Budget Impact: Although the driver for this project is to increase capacity, the new pipe should provide for removal of some extraneous water entering the system and therefore reduce maintenance costs over the long term.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|---|-------------------------|
| 601-50-2502SDC - IMPROVEMENT - SEWER | \$1,426,000 |
| 601-50-2500SEWER RATES/OPERATING REVENUES | \$407,000 |
| Total: | \$1,833,000 |

Related Projects:

| <u>Phase</u> <u>Year</u> <u>Title</u> | <u>Category</u> | <u>Projected Total</u> |
|---|-----------------|------------------------|
| 1 2012 COX CREEK INTERCEPTOR: WWTP TO BAIN STREET | Wastewater | \$1,833,000 |
| 2 2013 COX CREEK INTERCEPTOR: BAIN STREET TO PRICE ROAD | Wastewater | \$2,533,000 |
| Grand Total - All Related Projects: | | \$4,366,000 |



Plan FY: 2011-2012 RAIN DRAIN SEPARATION PROJECTS**CIP Project #: 1755**

Master Plan: Sanitary Sewer Master Plan **Plan Element:**
Category: Wastewater **Classification:** Miscellaneous - Wastewater
Department: Public Works Department

Total Cost: \$150,000

This ongoing series of projects provides funding for reducing infiltration and inflow into the sanitary sewer system by disconnecting gutter systems that drain into the sewer. While current codes prohibit such connections, many older residences may still be connected.

Operating Budget Impact: This project will reduce maintenance costs over the long term because the removal of extraneous flow reduces the overall flow thru the collection system and treatment plant. It also preserves capacity in the long run.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|---|-------------------------|
| 601-50-2500SEWER RATES/OPERATING REVENUES | \$150,000 |
| Total: | \$150,000 |

Plan FY: 2012-2013 LATERAL REPLACEMENT & BASEMENT PROTECTION

CIP Project #: 1231

Master Plan: Sanitary Sewer Master Plan **Plan Element:**
Category: Wastewater **Classification:** Miscellaneous - Wastewater
Department: Public Works Department

Total Cost: \$220,000

During FY 1999-2000, the City Council adopted three new programs to assist property owners with sanitary sewer lateral service issues.

The Basement Flooding Protection Loan Program provides a no-interest, ten-year loan to assist property owners with installation of backflow protection valves and sump pumps needed to protect buildings from flooding due to the sanitary sewer system.

The Council also adopted a Basement Flooding Protection Grant Program that provides limited City participation in the cost of basement flooding protection improvements. The grant program is targeted for properties that have experienced frequent flooding, have responded with good faith efforts to minimize the flooding risk, and in spite of these efforts, continue to experience basement flooding.

The lateral replacement program provides a one-time-only replacement of sanitary sewer service laterals on private property. The program reimburses qualifying property owners for the cost of replacing failing sanitary sewer service laterals. Replacement of these laterals reduces the amount of infiltration entering the sanitary sewer system through cracks and breaks in older, deteriorated service lines.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|--|-------------------------|
| 601-50-2500 SEWER RATES/OPERATING REVENUES | \$220,000 |
| Total: | \$220,000 |

Plan FY: 2012-2013 COX CREEK INTERCEPTOR: BAIN STREET TO PRICE ROAD

CIP Project #: 1249 Phase: 2

Master Plan: Sanitary Sewer Master Plan
Category: Wastewater
Department: Public Works Department

Plan Element: P2
Classification: Interceptors/Collectors

SDC

Total Cost: \$2,533,000

This project replaces 3,620 feet of the undersized Cox Creek Interceptor piping with a 30-inch diameter sewer. Replacement is required to prevent overflows in the collection system during a 5-year, 24-hour storm event. Replacement is needed to meet DEQ requirements. Replacement work involves excavation adjacent to waterways and a crossing of Interstate 5.

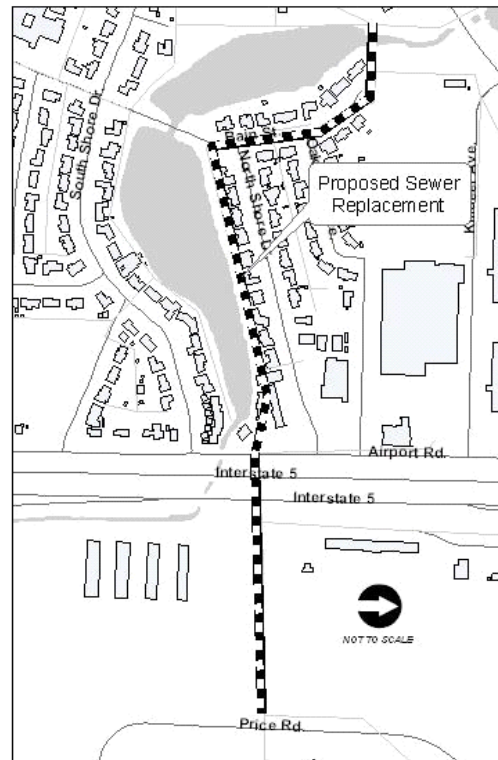
Operating Budget Impact: Although the driver for this project is to increase capacity, the new pipe should provide for removal of some extraneous water entering the system and therefore reduce maintenance costs over the long term.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|---|-------------------------|
| 601-50-2502SDC - IMPROVEMENT - SEWER | \$1,971,000 |
| 601-50-2500SEWER RATES/OPERATING REVENUES | \$562,000 |
| Total: | \$2,533,000 |

Related Projects:

| <u>Phase</u> <u>Year</u> <u>Title</u> | <u>Category</u> | <u>Projected Total</u> |
|---|-----------------|------------------------|
| 1 2012 COX CREEK INTERCEPTOR: WWTP TO BAIN STREET | Wastewater | \$1,833,000 |
| 2 2013 COX CREEK INTERCEPTOR: BAIN STREET TO PRICE ROAD | Wastewater | \$2,533,000 |
| Grand Total - All Related Projects: | | \$4,366,000 |



Plan FY: 2012-2013 RAIN DRAIN SEPARATION PROJECTS

CIP Project #: 1756

Master Plan: Sanitary Sewer Master Plan

Plan Element:

Category: Wastewater

Classification: Miscellaneous - Wastewater

Department: Public Works Department

Total Cost: \$150,000

This ongoing series of projects provides funding for reducing infiltration and inflow into the sanitary sewer system by disconnecting gutter systems that drain into the sewer. While current codes prohibit such connections, many older residences may still be connected.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|--------------------------------|-------------------------|
| 601-50-2500 | SEWER RATES/OPERATING REVENUES | \$150,000 |
| | Total: | <hr/> \$150,000 |

Plan FY: 2012-2013 WEST LEG OF THE COX CREEK INTERCEPTOR

CIP Project #: 1769

Master Plan: Sanitary Sewer Master Plan

Plan Element: P5

Category: Wastewater

Classification: Interceptors/Collectors

Department: Public Works Department

SDC

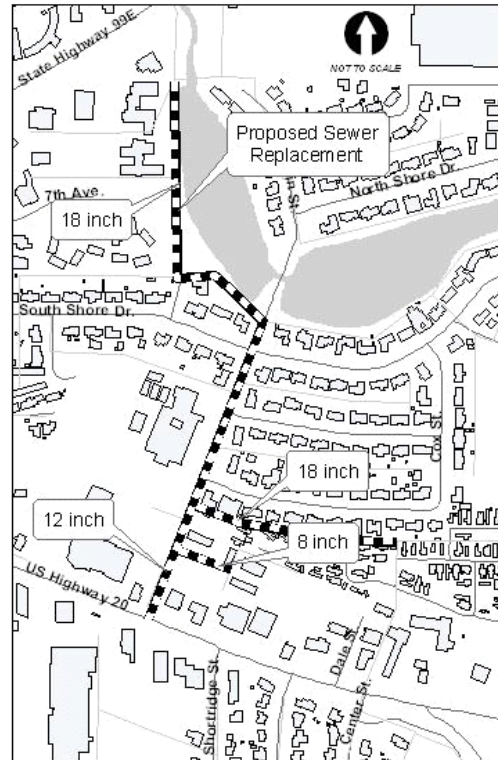
Total Cost: \$1,530,000

This project involves replacement of the west leg of the Cox Creek Interceptor Sewer with 3,100 feet of 18-inch pipe, 485 feet of 12-inch pipe, and 270 feet of 8-inch pipe. The project is required to replace existing deteriorated pipes and to increase capacity. If funds become available, unfunded CIP project #1928 should be grouped with this project because of the close proximity and similar need of replacement.

Operating Budget Impact: In addition to increasing system capacity, this project is required to replace deteriorated sewer pipe. As a result, this project will reduce maintenance costs over the long term because removal of extraneous water reduces the amount of flow thru the collection system and the treatment plant. It also will reduce emergency responses to deal with plugging or spot repairs of the structurally deficient pipe.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|--------------------------------|-------------------------|
| 601-50-2502 | SDC - IMPROVEMENT - SEWER | \$939,000 |
| 601-50-2500 | SEWER RATES/OPERATING REVENUES | \$591,000 |
| Total: | | \$1,530,000 |



Unfunded Projects

The following projects have been identified as needed repairs and/or improvements to the City's infrastructure. In most cases, these projects are the result of a master plan process, which attempts to systematically look at the needs for public infrastructure over the next 10 to 20 years. These projects are considered "Unfunded" because either a source of funding has not been made available, or they will not be implemented within the five-year window this plan covers.

Interceptors/Collectors

| CIP # | Phase | Year | Title | Projected Total |
|--|-------|------|--|--------------------|
| 1251 | | 0 | KNOX BUTTE ROAD COLLECTOR: UPSIZE LINE FROM CENTURY DRIVE LIFT STATION UPSTREAM TO ONYX STREET | \$2,256,000 |
| 1253 | | 0 | 47TH AVENUE COLLECTOR: UPSIZE LINE FROM COLUMBUS STREET UPSTREAM TO END OF GRAVITY LINE | \$852,000 |
| 1724 | | 0 | 28TH AVENUE COLLECTOR REPLACEMENT | \$713,000 |
| 1770 | | 0 | SOUTH LEG OF THE COX CREEK INTERCEPTOR | \$1,794,000 |
| 1771 | | 0 | NORTH LEG OF THE COX CREEK INTERCEPTOR | \$658,000 |
| Total for Unfunded Interceptors/Collectors: | | | | \$6,273,000 |

Lift Stations

| CIP # | Phase | Year | Title | Projected Total |
|--|-------|------|---|--------------------|
| 1254 | | 0 | LIFT STATION UPGRADES: OAK CREEK & UMATILLA | \$1,279,000 |
| 1255 | | 0 | NEW LIFT STATIONS: THORNTON LAKE, AND SPRING HILL DRIVE | \$711,000 |
| 1753 | | 2015 | CHARLOTTE STREET LIFT STATION REMOVAL | \$183,000 |
| Total for Unfunded Lift Stations: | | | | \$2,173,000 |

Miscellaneous - Wastewater

| CIP # | Phase | Year | Title | Projected Total |
|-------|-------|------|---|-----------------|
| 1232 | | 2014 | LATERAL REPLACEMENT & BASEMENT PROTECTION | \$220,000 |
| 1757 | | 2014 | RAIN DRAIN SEPARATION PROJECTS | \$150,000 |
| 1233 | | 2015 | LATERAL REPLACEMENT & BASEMENT PROTECTION | \$220,000 |
| 1758 | | 2015 | RAIN DRAIN SEPARATION PROJECTS | \$150,000 |
| 1234 | | 2016 | LATERAL REPLACEMENT & BASEMENT PROTECTION | \$220,000 |
| 1759 | | 2016 | RAIN DRAIN SEPARATION PROJECTS | \$150,000 |
| 1235 | | 2017 | LATERAL REPLACEMENT & BASEMENT PROTECTION | \$220,000 |
| 1760 | | 2017 | RAIN DRAIN SEPARATION PROJECTS | \$150,000 |
| 1236 | | 2018 | LATERAL REPLACEMENT & BASEMENT PROTECTION | \$220,000 |
| 1761 | | 2018 | RAIN DRAIN SEPARATION PROJECTS | \$150,000 |
| 1237 | | 2019 | LATERAL REPLACEMENT & BASEMENT PROTECTION | \$220,000 |
| 1762 | | 2019 | RAIN DRAIN SEPARATION PROJECTS | \$150,000 |
| 1238 | | 2020 | LATERAL REPLACEMENT & BASEMENT PROTECTION | \$220,000 |
| 1763 | | 2020 | RAIN DRAIN SEPARATION PROJECTS | \$150,000 |
| 1239 | | 2021 | LATERAL REPLACEMENT & BASEMENT PROTECTION | \$220,000 |
| 1764 | | 2021 | RAIN DRAIN SEPARATION PROJEC | \$150,000 |
| 1240 | | 2022 | LATERAL REPLACEMENT & BASEMENT PROTECTION | \$220,000 |
| 1765 | | 2022 | RAIN DRAIN SEPARATION PROJECTS | \$150,000 |
| 1241 | | 2023 | LATERAL REPLACEMENT & BASEMENT PROTECTION | \$220,000 |

Capital Improvement Program 2009-2013

| CIP # | Phase | Year | Title | Projected Total |
|---|-------|------|---|--------------------|
| 1766 | | 2023 | RAIN DRAIN SEPARATION PROJECTS | \$150,000 |
| 1242 | | 2024 | LATERAL REPLACEMENT & BASEMENT PROTECTION | \$220,000 |
| 1767 | | 2024 | RAIN DRAIN SEPARATION PROJECTS | \$150,000 |
| 1243 | | 2025 | LATERAL REPLACEMENT & BASEMENT PROTECTION | \$220,000 |
| 1768 | | 2025 | RAIN DRAIN SEPARATION PROJECTS | \$150,000 |
| Total for Unfunded Miscellaneous - Wastewater: | | | | \$4,440,000 |

Sewer Mains

| CIP # | Phase | Year | Title | Projected Total |
|--|-------|------|--|--------------------|
| 1247 | | 0 | 14TH AVENUE & HOWARD DRIVE REPLACEMENT | \$1,447,000 |
| 1248 | | 0 | 1ST AVENUE - COLUMBUS ST TO SALEM AVENUE RAILROAD CROSSING | \$289,000 |
| 1443 | 3 | 0 | OAK STREET, 9TH AVENUE TO QUEEN AVE | \$60,000 |
| 1626 | | 0 | JEFFERSON STREET, SE 21ST AVENUE TO 18TH AVENUE | \$603,000 |
| 1716 | | 0 | UMATILLA/VINE - 12TH AVENUE/QUEEN AVENUE AREA SEWER REHABILITATION | \$456,000 |
| 1717 | | 0 | LAFAYETTE SCHOOL AND TUDOR STREET/32ND AVENUE SEWER REHABILITATION | \$313,000 |
| 1718 | | 0 | 27TH AVENUE AND OAK STREET SEWER REHABILITATION | \$225,000 |
| 1719 | | 0 | GEARY STREET AND COUPLET AREA SEWER REHABILITATION | \$496,000 |
| 1720 | | 0 | GEARY ST. - WATER AVENUE TO SALEM AVENUE AREA SEWER REHABILITATION | \$532,000 |
| 1740 | | 0 | BASIN 1 REPLACEMENT, SOUTH OF 14TH AVENUE | \$1,136,000 |
| 1741 | | 0 | BASIN 1 REPLACEMENT, NORTH OF 14TH AVE | \$870,000 |
| 1909 | | 0 | HIGHWAY 99E AT PINE STREET SEWER | \$153,000 |
| 1910 | | 0 | MAIN STREET, 19TH TO 23RD AVENUE SEWER | \$255,000 |
| 1911 | | 0 | ELLSWORTH TO BROADWAY SEWER REPLACEMENT, BETWEEN 7TH AND 8TH AVENUE | \$77,000 |
| 1912 | | 0 | QUEEN ST., MARION ST., JACKSON ST., AND 13TH AVENUE AREA SEWER REPLACEMENT | \$276,000 |
| 1928 | | 0 | SOUTH SHORE AREA SEWER REPLACEMENT | \$410,000 |
| 1721 | | 2015 | OAK AND PINE STREET AREA SEWER REHABILITATION | \$477,000 |
| 1722 | | 2015 | COLUMBUS AND PACIFIC BLVD SEWER REHABILITATION | \$108,000 |
| 1772 | | 2015 | WATER AND FRONT AVENUE BACK LOT SEWERS | \$267,000 |
| Total for Unfunded Sewer Mains: | | | | \$8,450,000 |

Treatment

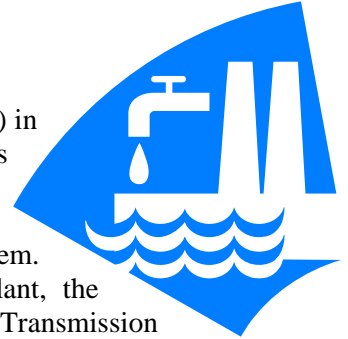
| CIP # | Phase | Year | Title | Projected Total |
|--------------------------------------|-------|------|------------------------------|---------------------|
| 1871 | | 0 | TREATMENT PLANT IMPROVEMENTS | \$13,274,000 |
| Total for Unfunded Treatment: | | | | \$13,274,000 |

Grand Total for Unfunded Wastewater: \$34,610,000

Water Sustains All

Reflecting on the past while charging ahead

The City of Albany completed an update of its Water Facility Plan (WFP) in 2004. The Plan prioritized the recommended projects into four stages with the first stage ending in 2009, this year's CIP. Most of the improvements identified in Stage 1 will be completed as projected. Others have been reprioritized based on the ever changing needs of the water system. Major improvements such as the Albany-Millersburg Water Treatment Plant, the Santiam-Albany Canal's (Canal) dam and fish screen project, the East Albany Transmission Main, and the South Albany Transmission Main are just some of the projects completed in the last five years; not to mention several miles of steel pipe replacement.



Continued Improvement

The water system is in significantly better shape than it was five years ago. Miles of leaky pipe replacements have reduced water loss, the addition of the Albany-Millersburg plant has increased capacity and provided redundancy, and fire flows have been increased to some areas. Despite all the accomplishments, there is still a lot of work to do. The second stage of the WFP (2010 to 2014) identifies approximately \$22 million in water system capital projects. In addition to these projects, there is also a significant amount of maintenance work needed on the Canal. As Albany transitions into the second stage of the WFP it is a time to reassess.

The recent accomplishments within the water system must be considered when scheduling the remaining work. For instance, if enough progress has been made on steel pipe replacement perhaps it is appropriate to slow spending on pipe replacement and direct more resources to the Canal. In addition, some of the Stage 2 projects should be reevaluated to determine if they are still needed now as predicted or if they can be deferred. City staff will be working to answer these important questions as the City enters the second stage of the WFP.

Fixing the Problems

Criteria for selecting water system capital projects include the following:

- Projects needed to meet drinking water standards and other regulatory requirements.
- Projects needed to maintain capacity and reliability of critical system components such as the Canal.
- Projects related to street improvements.
- Projects related to increased demand.
- Projects related to other issues such as alleviation of health hazards or maintaining fire flows.

Funding Summaries

The following table shows the total amount of projects scheduled in each of the five years of this CIP, broken down by the source of the funding. The costs shown are the projected construction costs in the year the project is proposed.

Each year the estimated cost of the projects is adjusted to current year costs by applying the change in the Engineering News-Record (ENR) construction cost index for Seattle. An annual 3.7 percent inflation factor is added to estimate future year costs.

Projected Cost Totals

| FUNDING SOURCE | 2009 | 2010 | 2011 | 2012 | 2013 | TOTAL |
|--------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|
| Federal Grants | \$305,000 | \$0 | \$0 | \$0 | \$0 | \$305,000 |
| SDC – Improvement – Water | \$0 | \$0 | \$473,000 | \$0 | \$380,000 | \$853,000 |
| SDC – Reimbursement – Water | \$0 | \$57,000 | \$0 | \$0 | \$0 | \$57,000 |
| Water Rates/Operating Revenues | \$2,901,000 | \$2,164,000 | \$2,116,000 | \$3,954,000 | \$2,419,000 | \$13,554,000 |
| GRAND TOTALS: | \$3,206,000 | \$2,221,000 | \$2,589,000 | \$3,954,000 | \$2,799,000 | \$14,769,000 |

Funded Projects Summary & Detail

The following projects have been identified for inclusion in this five-year Capital Improvement Program.

Each project shown below is explained in detail on the pages that follow. Projects are listed in the fiscal year order they are planned to occur, and in CIP ID# order within a given fiscal year set.

| CIP # | Phase | Title | Projected Total |
|---------------------------------|-------|--|--------------------|
| Plan Year: 2008 - 2009 | | | |
| 1297 | | 8TH AVENUE: ELM TO BROADWAY | \$288,000 |
| 1584 | | 4TH AVENUE, ERMINE, DAVIDSON, AND CLAY IN THE COLUMBUS TO WAVERLY AREA | \$473,000 |
| 1588 | | 9TH AVENUE AND 24TH AVENUE; EAST OF WAVERLY DRIVE | \$118,000 |
| 1595 | | 5TH AVENUE AND 6TH AVENUE; FERRY TO LYON | \$395,000 |
| 1675 | 6 | SANTIAM-ALBANY CANAL IMPROVEMENTS | \$1,250,000 |
| 1861 | 3 | WATER SYSTEM SEISMIC PROTECTION UPGRADES | \$407,000 |
| 1938 | | ADAIR WATER SYSTEM EMERGENCY CONNECTION | \$275,000 |
| Total for FY 2008 - 2009 | | | \$3,206,000 |
| Plan Year: 2009 - 2010 | | | |
| 1586 | | WATER AVENUE, COLUMBUS STREET AND 1ST AVENUE EAST OF BURKHART | \$210,000 |
| 1590 | | COLUMBUS STREET AND BRADLEY STREET; PACIFIC TO SANTIAM | \$256,000 |
| 1600 | | BAKER STREET; 4TH TO 8TH AVENUES | \$204,000 |
| 1605 | | SHORTRIDGE STREET; HIGHWAY 20 TO 14TH AVENUE | \$192,000 |
| 1607 | | DENVER AND 1ST AVENUE WATER LINE REPLACEMENT | \$359,000 |
| 1675 | 7 | SANTIAM-ALBANY CANAL IMPROVEMENTS | \$1,000,000 |
| Total for FY 2009 - 2010 | | | \$2,221,000 |
| Plan Year: 2010 - 2011 | | | |
| 1675 | 8 | SANTIAM-ALBANY CANAL IMPROVEMENTS | \$1,000,000 |
| 1749 | 2 | MAPLE STREET RESERVOIR IMPROVEMENTS | \$259,000 |
| 1751 | 1 | NORTH ALBANY DISTRIBUTION PROJECTS | \$1,050,000 |
| 1788 | | VINE STREET WTP SOLIDS HANDLING IMPROVEMENTS | \$280,000 |
| Total for FY 2010 - 2011 | | | \$2,589,000 |
| Plan Year: 2011 - 2012 | | | |
| 1572 | | EAST THORNTON LAKE DRIVE NW | \$287,000 |
| 1575 | | LYON STREET; 1ST TO 5TH | \$531,000 |
| 1587 | | 6TH AVENUE, ELM TO MAPLE AND WALNUT STREET, 6TH TO 7TH | \$146,000 |
| 1593 | | CLEVELAND STREET, 7TH AVENUE TO PACIFIC BOULEVARD | \$49,000 |
| 1597 | | WILLAMETTE AVENUE AND BURKHART; GEARY TO DAVIDSON STREET AREA | \$264,000 |
| 1608 | | THURSTON STREET SE AND BROADALBIN WATER LINE REPLACEMENT AND EXTENSION | \$507,000 |
| 1675 | 9 | SANTIAM-ALBANY CANAL IMPROVEMENTS | \$1,000,000 |
| 1751 | 2 | NORTH ALBANY DISTRIBUTION PROJECTS | \$1,170,000 |
| Total for FY 2011 - 2012 | | | \$3,954,000 |
| Plan Year: 2012 - 2013 | | | |
| 1570 | | CALAPOOIA STREET, BETWEEN 5TH AND 6TH | \$55,000 |

Capital Improvement Program 2009-2013

| | | | |
|---------------------------------|----|---------------------------------------|---------------------|
| 1589 | | DAVIDSON STREET, 8TH TO SANTIAM [WFP] | \$156,000 |
| 1636 | 1 | VINE STREET WTP IMPROVEMENTS, PHASE 1 | \$1,441,000 |
| 1638 | 1 | ZONE 1 DISTRIBUTION PROJECTS | \$647,000 |
| 1675 | 10 | SANTIAM-ALBANY CANAL IMPROVEMENTS | \$500,000 |
| | | | <hr/> |
| Total for FY 2012 - 2013 | | | \$2,799,000 |
| Grand Total for Water: | | | \$14,769,000 |

Plan FY: 2008-2009 8TH AVENUE: ELM TO BROADWAY

CIP Project #: 1297

Master Plan: Water Supply Master Plan **Plan Element:** Program - 1
Category: Water **Classification:** Water Mains
Department: Public Works Department

Total Cost: \$288,000

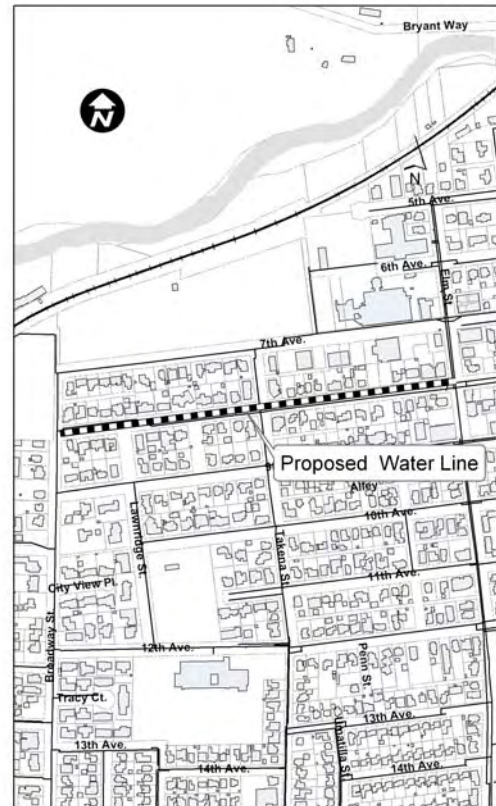
This project will replace approximately 1,800 lineal feet of 2-inch and 4-inch wrought iron lines in 8th Avenue between Elm Street and Broadway Street.

The existing deteriorated, leaky 2-inch and 4-inch iron lines have been a continuous source of maintenance problems. The new lines will improve system reliability and fire flows for the area. Replacement line cost is estimated for a 12-inch ductile iron line. Actual size will be determined during design.

Operating Budget Impact: This project will reduce maintenance costs over the long term. Replacement of these water mains will reduce the amount of water loss from the system and the number of emergency responses required to fix leaks.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|--|-------------------------|
| 615-50-2308 WATER RATES/OPERATING REVENUES | \$288,000 |
| Total: | \$288,000 |



Plan FY: 2008-2009 4TH AVENUE, ERMINE, DAVIDSON, AND CLAY IN THE COLUMBUS TO WAVERLY AREA

CIP Project #: 1584

Master Plan: Water Supply Master Plan **Plan Element:** Program - 1
Category: Water **Classification:** Water Mains
Department: Public Works Department

Total Cost: \$473,000

This project will replace approximately 2,950 feet of deteriorated and undersized 2-inch and 4-inch steel pipe with 8-inch ductile iron pipe. This project will strengthen the grid and improve pressure, fire flow, and reliability in this area. The project encompasses 1,090 feet on 4th Avenue from Columbus Street to Fulton Street; 880 feet on Ermine Street from Old Salem Road to Pacific Boulevard; 510 feet on Davidson Street from Old Salem Road to 4th Avenue; and 470 feet on Clay Street from Old Salem Road to 4th Avenue.

Operating Budget Impact: This project will reduce maintenance costs over the long term. Replacement of these water mains will reduce the amount of water loss from the system and the number of emergency responses required to fix leaks.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|--------------------------------|-------------------------|
| 615-50-2308 | WATER RATES/OPERATING REVENUES | \$473,000 |
| Total: | | \$473,000 |



Plan FY: 2008-2009 9TH AVENUE AND 24TH AVENUE; EAST OF WAVERLY DRIVE

CIP Project #: 1588

Master Plan: Water Supply Master Plan

Plan Element: Program - 1

Category: Water

Classification: Water Mains

Department: Public Works Department

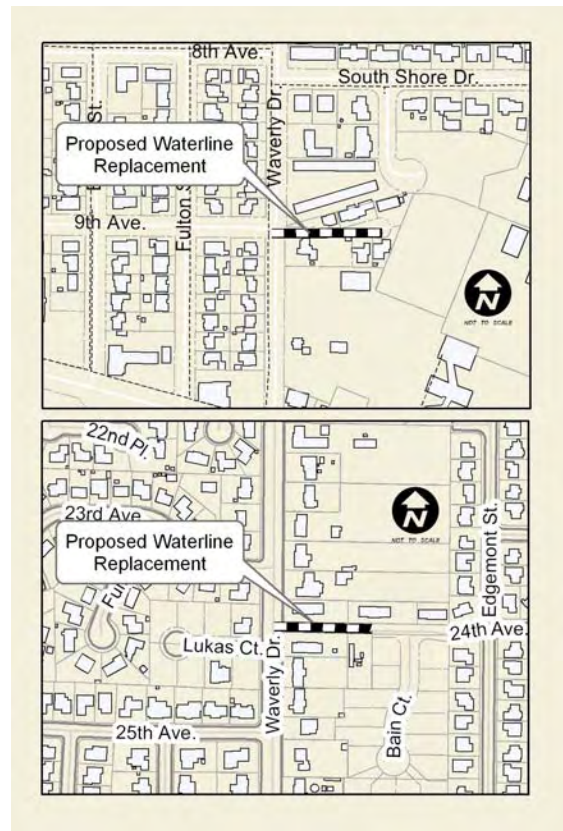
Total Cost: \$118,000

This project will replace approximately 280 feet of deteriorated 2-inch galvanized water line with 4-inch ductile iron pipe along 9th Avenue east of Waverly Drive. In addition, this project will replace approximately 350 feet of undersized galvanized water line east of Waverly Drive on 24th Avenue and eliminate a dead end by completing a connection to a new line in 24th Avenue. The completion of this project will improve water quality, increase water pressure, and increase fire flows.

Operating Budget Impact: This project will reduce maintenance costs over the long term. Replacement of these water mains will reduce the amount of water loss from the system and the number of emergency responses required to fix leaks.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|--------------------------------|-------------------------|
| 615-50-2308 | WATER RATES/OPERATING REVENUES | \$118,000 |
| Total: | | \$118,000 |



Plan FY: 2008-2009 5TH AVENUE AND 6TH AVENUE; FERRY TO LYON

CIP Project #: 1595

Master Plan: Water Supply Master Plan
Category: Water
Department: Public Works Department

Plan Element: Perpetual Life Replacement
Classification: Water Mains

Total Cost: \$395,000

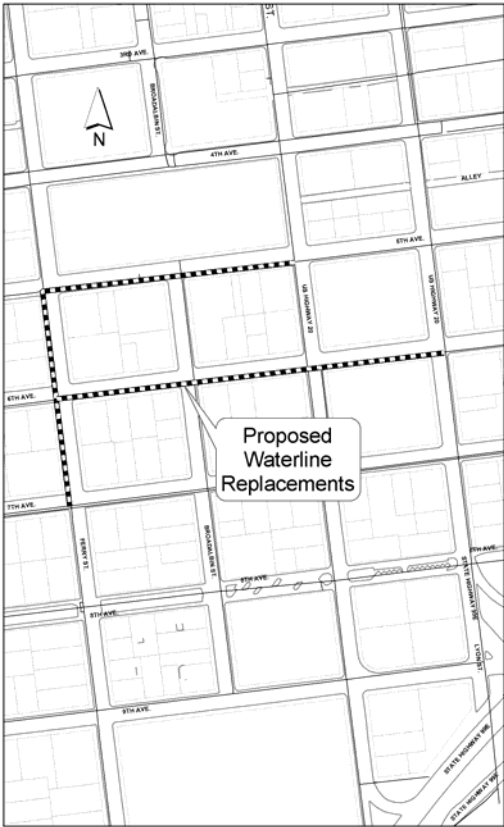
This project will replace approximately 2,240 feet of deteriorated and undersized water line with 8-inch ductile iron pipe. This project will reduce maintenance and improve flow and overall fire protection to the area around the Linn County Courthouse.

The replacements are: 5th Avenue, Ferry Street to Ellsworth Street; 6th Avenue, Ferry Street to Lyon Street; and Ferry Street, 5th Avenue to 7th Avenue. Waterline replacement in 6th Avenue between Lyon Street and Washington Street will likely be detrimental to the existing asphalt surface which is currently in poor condition. An overlay of 6th Avenue in this location will be performed following construction. The street operation and maintenance fund will fund a portion of the overlay.

Operating Budget Impact: This project will reduce maintenance costs over the long term. Replacement of these water mains will reduce the amount of water loss from the system and the number of emergency responses required to fix leaks.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|--------------------------------|-------------------------|
| 615-50-2308 | WATER RATES/OPERATING REVENUES | \$395,000 |
| Total: | | \$395,000 |



Plan FY: 2008-2009 SANTIAM-ALBANY CANAL IMPROVEMENTS

CIP Project #: 1675 Phase: 6

Master Plan: Water Supply Master Plan **Plan Element:** C2
Category: Water **Classification:** Water Supply & Storage
Department: Public Works Department

Total Cost: \$1,250,000

The first priority of this phase of Canal work will be to complete projects initiated in Phase 5 for restoring the Canal's capacity to at least 190 cfs. This phase may also provide for the construction of Canal improvements that may include, among other things: construction of new flow control structures, improvements to existing structures, sediment removal, bank stabilization, right-of-way acquisition, and replacement of bridges or culverts that represent flow constrictions at higher flow rates.

Operating Budget Impact: This project will reduce maintenance costs in the long run because flow capacity is restored by fixing failing banks and reducing the accumulated sediment in the Canal.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|--|-------------------------|
| 615-50-2307 WATER RATES/OPERATING REVENUES | \$1,250,000 |
| Total: | \$1,250,000 |

Related Projects:

| <u>Phase</u> <u>Year</u> <u>Title</u> | <u>Category</u> | <u>Projected Total</u> |
|---|-----------------|------------------------|
| 6 2009 SANTIAM-ALBANY CANAL IMPROVEMENTS | Water | \$1,250,000 |
| 7 2010 SANTIAM-ALBANY CANAL IMPROVEMENTS | Water | \$1,000,000 |
| 8 2011 SANTIAM-ALBANY CANAL IMPROVEMENTS | Water | \$1,000,000 |
| 9 2012 SANTIAM-ALBANY CANAL IMPROVEMENTS | Water | \$1,000,000 |
| 10 2013 SANTIAM-ALBANY CANAL IMPROVEMENTS | Water | \$500,000 |
| Grand Total - All Related Projects: | | \$4,750,000 |

Plan FY: 2008-2009 WATER SYSTEM SEISMIC PROTECTION UPGRADES

CIP Project #: 1861 Phase: 3

Master Plan: Water Supply Master Plan **Plan Element:**
Category: Water **Classification:** Miscellaneous - Water
Department: Public Works Department

Total Cost: \$407,000

This is the third year of a 3-year project to increase the water system's level of protection against a seismic event. 75 percent of the funding for this project is through a federal grant from FEMA. The other 25 percent is required as a local match.

The main purpose of this project is to protect the Vine Street Water Treatment Plant, a critical facility which provides essential water service for the entire Albany community. The primary objectives of this mitigation project are to provide life safety for staff in the water treatment plant and to minimize the economic impacts of loss of water service to the Albany community in future earthquakes. The project includes structural seismic upgrades for six buildings and several smaller seismic upgrades throughout the plant.

Operations Budget Impact: This project reduces maintenance costs in the long term because it adds protection from property loss due to seismic events.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|--|-------------------------|
| FEDERAL GRANTS | \$305,000 |
| 615-50-2308 WATER RATES/OPERATING REVENUES | \$102,000 |
| Total: | \$407,000 |

Plan FY: 2008-2009 ADAIR WATER SYSTEM EMERGENCY CONNECTION

CIP Project #: 1938

Master Plan:

Category: Water

Department: Public Works Department

Plan Element:

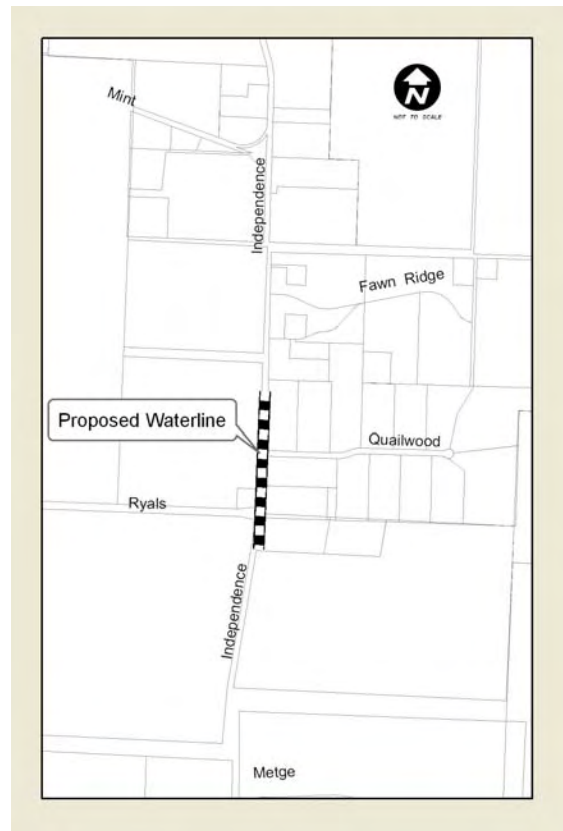
Classification: Water Mains

Total Cost: \$275,000

This project involves the construction of approximately 1,500 feet of 12-inch water line along Independence Highway. The connection will provide an emergency interconnection between the City of Albany and the City of Adair Village. Improvements to the Dumbeck pump station near Ryals Avenue will also be required to allow water to be pumped into the Albany system. The scope of these improvements is not yet defined. Hydraulic water modeling will be required in order to evaluate pump requirements. This project only dedicates funds for the anticipated pipe requirements. Once the scope of the pump improvements is known, a separate project will be identified in a future CIP.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|--|-------------------------|
| 615-50-2308 WATER RATES/OPERATING REVENUES | \$275,000 |
| Total: | \$275,000 |



Plan FY: 2009-2010 WATER AVENUE, COLUMBUS STREET AND 1ST AVENUE EAST OF BURKHART

CIP Project #: 1586

Master Plan: Water Supply Master Plan
Category: Water
Department: Public Works Department

Plan Element: Program - 1
Classification: Water Mains

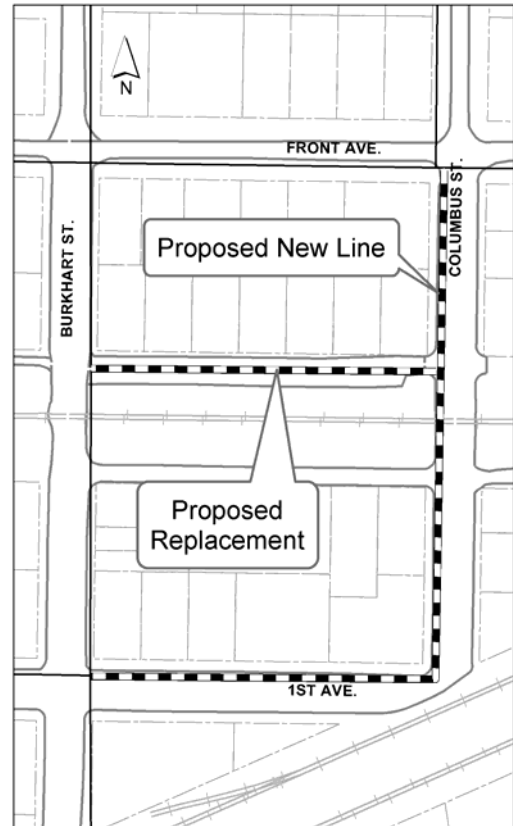
Total Cost: \$210,000

This project will replace approximately 1,260 feet of deteriorated 2-inch galvanized pipe with 8-inch ductile iron pipe. The existing deteriorated, leaky line is a source of continuous maintenance problems. The new 8-inch diameter line will improve system reliability.

Operating Budget Impact: This project will reduce maintenance costs over the long term. Replacement of these water mains will reduce the amount of water loss from the system and the number of emergency responses required to fix leaks.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|--|-------------------------|
| 615-50-2308 WATER RATES/OPERATING REVENUES | \$210,000 |
| Total: | \$210,000 |



Plan FY: 2009-2010 COLUMBUS STREET AND BRADLEY STREET; PACIFIC TO SANTIAM

CIP Project #: 1590

Master Plan: Water Supply Master Plan
Category: Water
Department: Public Works Department

Plan Element: Perpetual Life Replacement
Classification: Water Mains

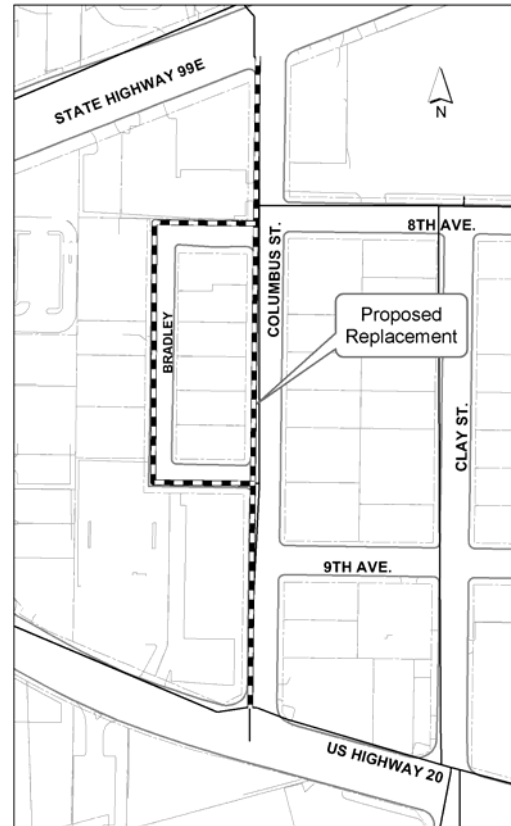
Total Cost: \$256,000

This project will replace 1,540 feet of deteriorated and undersized 2- and 4-inch water line with 8-inch ductile iron pipe.

Operating Budget Impact: This project will reduce maintenance costs over the long term. Replacement of these water mains will reduce the amount of water loss from the system and the number of emergency responses required to fix leaks.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|--|-------------------------|
| 615-50-2308 WATER RATES/OPERATING REVENUES | \$256,000 |
| Total: | \$256,000 |



Plan FY: 2009-2010 BAKER STREET; 4TH TO 8TH AVENUES

CIP Project #: 1600

Master Plan: Water Supply Master Plan

Plan Element: Program - 1

Category: Water

Classification: Water Mains

Department: Public Works Department

Total Cost: \$204,000

This project will replace approximately 1,250 feet of badly deteriorated 2-inch wrought iron water line. The existing deteriorated, leaky line is a source of continuous maintenance problems. The new 8-inch diameter ductile iron line will improve system reliability.

Operating Budget Impact: This project will reduce maintenance costs over the long term. Replacement of these water mains will reduce the amount of water loss from the system and the number of emergency responses required to fix leaks.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|--|-------------------------|
| 615-50-2308 WATER RATES/OPERATING REVENUES | \$204,000 |
| Total: | \$204,000 |



Plan FY: 2009-2010 SHORTRIDGE STREET; HIGHWAY 20 TO 14TH AVENUE

CIP Project #: 1605

Master Plan: Water Supply Master Plan

Plan Element: Program - 1

Category: Water

Classification: Water Mains

Department: Public Works Department

SDC

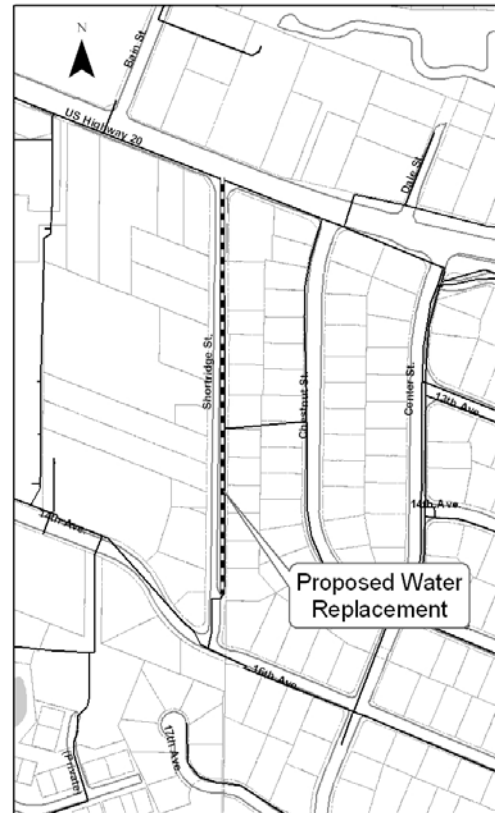
Total Cost: \$192,000

This project will replace approximately 1,175 feet of deteriorated steel water main. This will also connect the water line to the existing water line in Santiam Highway that is not connected currently. The new water line will be a 12-inch diameter ductile iron line.

Operating Budget Impact: This project will reduce maintenance costs over the long term. Replacement of these water mains will reduce the amount of water loss from the system and the number of emergency responses required to fix leaks.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|--------------------------------|-------------------------|
| 615-50-2301 | SDC - REIMBURSEMENT - WATER | \$57,000 |
| 615-50-2308 | WATER RATES/OPERATING REVENUES | \$135,000 |
| Total: | | \$192,000 |



Plan FY: 2009-2010 DENVER AND 1ST AVENUE WATER LINE REPLACEMENT

CIP Project #: 1607

Master Plan: Water Supply Master Plan **Plan Element:** Program - 1
Category: Water **Classification:** Water Mains
Department: Public Works Department

Total Cost: \$359,000

This project will replace approximately 2,200 feet of deteriorated steel water lines. The existing deteriorated, leaky line is a source of continuous maintenance problems. The new 8-inch diameter ductile iron line will improve system reliability. Following is a list of the replacements: Denver Street – Front Avenue to 2nd Avenue; 1st Avenue – Denver Street to Geary Street; Front Avenue – Cleveland Street to Geary Street; and Cleveland Street – Water Avenue to Willamette Avenue.

Operating Budget Impact: This project will reduce maintenance costs over the long term. Replacement of these water mains will reduce the amount of water loss from the system and the number of emergency responses required to fix leaks.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|--------------------------------|-------------------------|
| 615-50-2308 | WATER RATES/OPERATING REVENUES | \$359,000 |
| Total: | | \$359,000 |



Plan FY: 2009-2010 SANTIAM-ALBANY CANAL IMPROVEMENTS

CIP Project #: 1675 Phase: 7

Master Plan: Water Supply Master Plan **Plan Element:** C1, C2
Category: Water **Classification:** Water Supply & Storage
Department: Public Works Department

Total Cost: \$1,000,000

This phase provides for the construction of Canal improvements that may include, among other things: construction of new flow control structures, improvements to existing structures, sediment removal, bank stabilization, right-of-way acquisition, and replacement of bridges or culverts that represent flow constrictions at higher flow rates.

Operating Budget Impact: The majority of the improvements listed above will help reduce maintenance costs in the long term as they address previously deferred maintenance activities and or provide a means for more efficiently conducting routine maintenance activities.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|--|-------------------------|
| 615-50-2307 WATER RATES/OPERATING REVENUES | \$1,000,000 |
| Total: | \$1,000,000 |

Related Projects:

| <u>Phase</u> <u>Year</u> <u>Title</u> | <u>Category</u> | <u>Projected Total</u> |
|---|-----------------|------------------------|
| 6 2009 SANTIAM-ALBANY CANAL IMPROVEMENTS | Water | \$1,250,000 |
| 7 2010 SANTIAM-ALBANY CANAL IMPROVEMENTS | Water | \$1,000,000 |
| 8 2011 SANTIAM-ALBANY CANAL IMPROVEMENTS | Water | \$1,000,000 |
| 9 2012 SANTIAM-ALBANY CANAL IMPROVEMENTS | Water | \$1,000,000 |
| 10 2013 SANTIAM-ALBANY CANAL IMPROVEMENTS | Water | \$500,000 |
| Grand Total - All Related Projects: | | \$4,750,000 |

Plan FY: 2010-2011 SANTIAM-ALBANY CANAL IMPROVEMENTS**CIP Project #: 1675 Phase: 8**

Master Plan: Water Supply Master Plan **Plan Element:**
Category: Water **Classification:** Water Supply & Storage
Department: Public Works Department

Total Cost: \$1,000,000

This phase provides for the construction of Canal improvements that may include, among other things: construction of new flow control structures, improvements to existing structures, sediment removal, bank stabilization, right-of-way acquisition, and replacement of bridges or culverts that represent flow constrictions at higher flow rates.

Operating Budget Impact: The majority of the improvements listed above will help reduce maintenance costs in the long term as they address previously deferred maintenance activities and or provide a means for more efficiently conducting routine maintenance activities.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|--------------------------------|-------------------------|
| 615-50-2307 | WATER RATES/OPERATING REVENUES | \$1,000,000 |
| Total: | | \$1,000,000 |

Related Projects:

| <u>Phase</u> | <u>Year</u> | <u>Title</u> | <u>Category</u> | <u>Projected Total</u> |
|-------------------------------------|-------------|-----------------------------------|-----------------|------------------------|
| 6 | 2009 | SANTIAM-ALBANY CANAL IMPROVEMENTS | Water | \$1,250,000 |
| 7 | 2010 | SANTIAM-ALBANY CANAL IMPROVEMENTS | Water | \$1,000,000 |
| 8 | 2011 | SANTIAM-ALBANY CANAL IMPROVEMENTS | Water | \$1,000,000 |
| 9 | 2012 | SANTIAM-ALBANY CANAL IMPROVEMENTS | Water | \$1,000,000 |
| 10 | 2013 | SANTIAM-ALBANY CANAL IMPROVEMENTS | Water | \$500,000 |
| Grand Total - All Related Projects: | | | | \$4,750,000 |

Plan FY: 2010-2011 MAPLE STREET RESERVOIR IMPROVEMENTS

CIP Project #: 1749 Phase: 2

Master Plan: Water Supply Master Plan

Plan Element: WTP05 and paint

Category: Water

Classification: Water Supply & Storage

Department: Public Works Department

Total Cost: \$259,000

This project will repair/replace the Maple Street Reservoir baffle and recoat the interior of the reservoir.

Operations Budget Impact: This project will reduce maintenance costs in the long term because it is preserving the chlorine contact time requirements for the Vine Street Water Treatment Plant and the coating preserves the reservoir from corrosion.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|--|-------------------------|
| 615-50-2308 WATER RATES/OPERATING REVENUES | \$259,000 |
| Total: | \$259,000 |



Plan FY: 2010-2011 NORTH ALBANY DISTRIBUTION PROJECTS

CIP Project #: 1751 Phase: 1

Master Plan: Water Supply Master Plan

Plan Element: P14, P15

Category: Water

Classification: Water Mains

Department: Public Works Department

SDC

Total Cost: \$1,050,000

This project will replace approximately 4,800 feet of undersized pipelines to meet fire flow requirements in this area. Replacement will take place on Green Acres Lane with an 8 inch water line and along Spring Hill Drive and Quarry Road with a 12 inch waterline. The need and timing for this project will be re-evaluated in FY08-09.

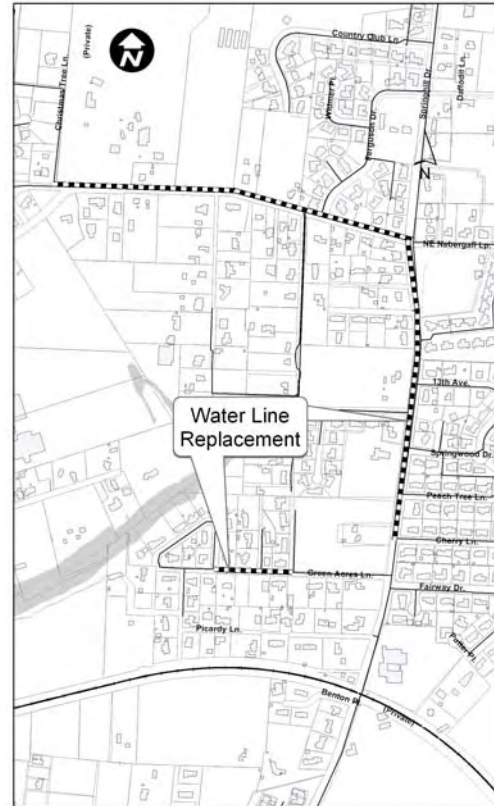
Operations Budget Impact: This project will reduce maintenance costs in the long term because it improves water flow movement in the area and increases pressure.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|--------------------------------|-------------------------|
| 615-50-2300 | SDC - IMPROVEMENT - WATER | \$473,000 |
| 615-50-2308 | WATER RATES/OPERATING REVENUES | \$577,000 |
| Total: | | \$1,050,000 |

Related Projects:

| <u>Phase</u> | <u>Year</u> | <u>Title</u> | <u>Category</u> | <u>Projected Total</u> |
|-------------------------------------|-------------|------------------------------------|-----------------|------------------------|
| 1 | 2011 | NORTH ALBANY DISTRIBUTION PROJECTS | Water | \$1,050,000 |
| 2 | 2012 | NORTH ALBANY DISTRIBUTION PROJECTS | Water | \$1,170,000 |
| 3 | 2014 | NORTH ALBANY DISTRIBUTION PROJECTS | Water | \$29,000 |
| Grand Total - All Related Projects: | | | | \$2,249,000 |



Plan FY: 2010-2011 VINE STREET WTP SOLIDS HANDLING IMPROVEMENTS

CIP Project #: 1788

Master Plan: Water Supply Master Plan **Plan Element:** WTP 16
Category: Water **Classification:** Water Supply & Storage
Department: Public Works Department

Total Cost: \$280,000

This project will improve storage capacity and minimize leaching from the existing backwash ponds. Improvements include installing a sump and reshaping and re-lining each of the existing ponds.

Operating Budget Impact: This project reduces maintenance costs in the long term by completing improvements to the backwash ponds for the Vine Street Water Treatment Plant.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|--------------------------------|-------------------------|
| 615-50-2308 | WATER RATES/OPERATING REVENUES | \$280,000 |
| | Total: | \$280,000 |

Plan FY: 2011-2012 EAST THORNTON LAKE DRIVE NW

CIP Project #: 1572

Master Plan: Water Supply Master Plan **Plan Element:** Program - 1
Category: Water **Classification:** Water Mains
Department: Public Works Department

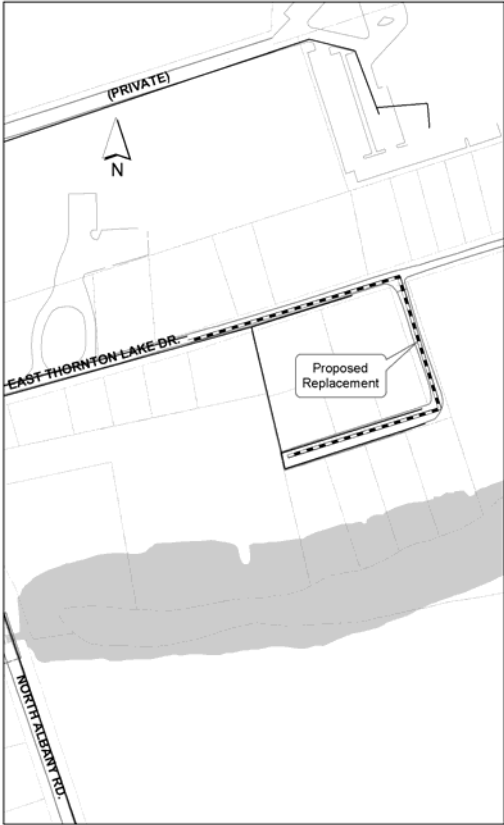
Total Cost: \$287,000

Replace approximately 1,600 feet of deteriorated 2-inch steel pipe with 8-inch ductile iron pipe in street right of way. Much of the existing pipe is run on the back lot of the properties. The project will improve pressure and fire protection in this area.

Operating Budget Impact: This project will reduce maintenance costs over the long term. Replacement of these water mains will reduce the amount of water loss from the system and the number of emergency responses required to fix leaks.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|--|-------------------------|
| 615-50-2308 WATER RATES/OPERATING REVENUES | \$287,000 |
| Total: | \$287,000 |



Plan FY: 2011-2012 LYON STREET; 1ST TO 5TH

CIP Project #: 1575

Master Plan: Water Supply Master Plan

Plan Element: Program - 1

Category: Water

Classification: Water Mains

Department: Public Works Department

Total Cost: \$531,000

This project will replace approximately 1,700 feet of deteriorated 2- and 4-inch wrought iron pipe with 12-inch ductile iron pipe. The work will take place in Oregon Department of Transportation right-of-way.

Operating Budget Impact: This project will reduce maintenance costs over the long term. Replacement of these water mains will reduce the amount of water loss from the system and the number of emergency responses required to fix leaks.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|--------------------------------|-------------------------|
| 615-50-2308 | WATER RATES/OPERATING REVENUES | \$531,000 |
| Total: | | \$531,000 |



Plan FY: 2011-2012 6TH AVENUE, ELM TO MAPLE AND WALNUT STREET, 6TH TO 7TH

CIP Project #: 1587

Master Plan: Water Supply Master Plan **Plan Element:** Program - 1
Category: Water **Classification:** Water Mains
Department: Public Works Department

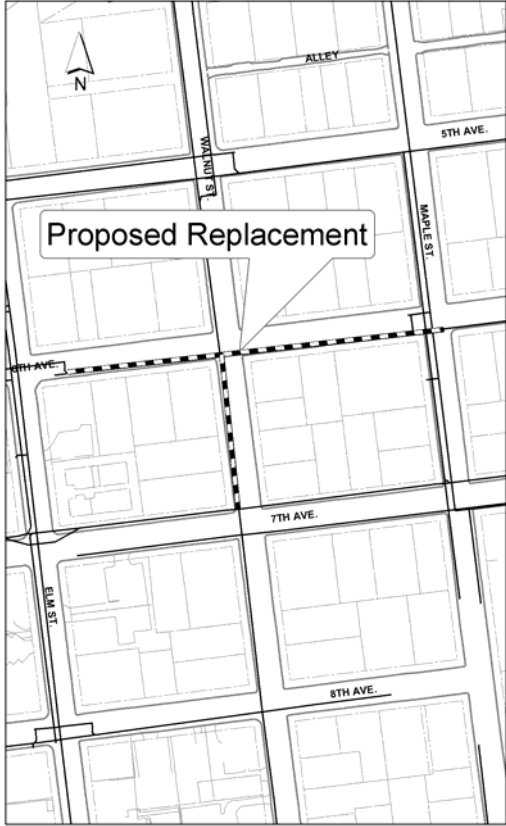
Total Cost: \$146,000

Replace approximately 810 feet of deteriorated and undersized 2-inch galvanized pipe with 8-inch ductile iron pipe.

Operating Budget Impact: This project will reduce maintenance costs over the long term. Replacement of these water mains will reduce the amount of water loss from the system and the number of emergency responses required to fix leaks.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|--|-------------------------|
| 615-50-2308 WATER RATES/OPERATING REVENUES | \$146,000 |
| Total: | \$146,000 |



Plan FY: 2011-2012 CLEVELAND STREET, 7TH AVENUE TO PACIFIC BOULEVARD

CIP Project #: 1593

Master Plan: Water Supply Master Plan

Plan Element: Program -1

Category: Water

Classification: Water Mains

Department: Public Works Department

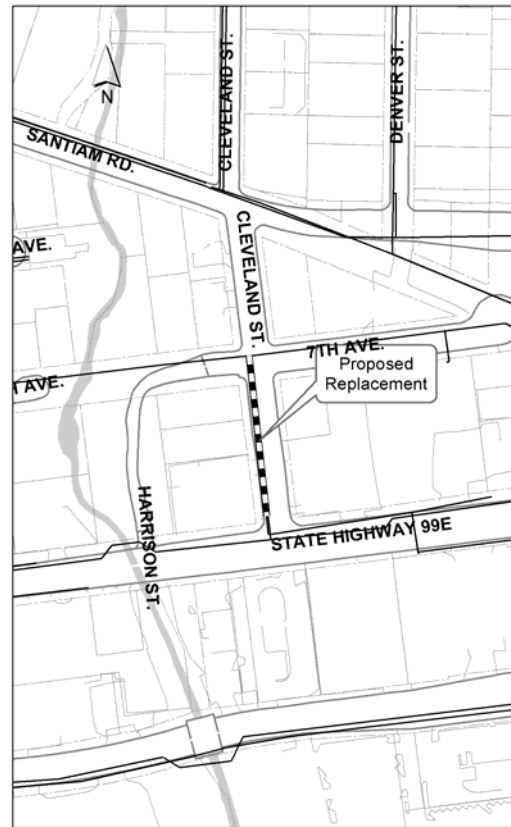
Total Cost: \$49,000

Replace 270 feet of deteriorated 2-inch galvanized water line with 8-inch ductile iron pipe.

Operating Budget Impact: This project will reduce maintenance costs over the long term. Replacement of these water mains will reduce the amount of water loss from the system and the number of emergency responses required to fix leaks.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|--|-------------------------|
| 615-50-2308 WATER RATES/OPERATING REVENUES | \$49,000 |
| Total: | \$49,000 |



Plan FY: 2011-2012 WILLAMETTE AVENUE AND BURKHART; GEARY TO DAVIDSON STREET AREA

CIP Project #: 1597

Master Plan: Water Supply Master Plan **Plan Element:** Program - 1
Category: Water **Classification:** Water Mains
Department: Public Works Department

Total Cost: \$264,000

This project will replace approximately 1,400 feet of deteriorated 2-inch galvanized pipe with 8-inch ductile iron pipe. This project will improve pressure, water quality, and fire flow in the area.

Operating Budget Impact: This project will reduce maintenance costs over the long term. Replacement of these water mains will reduce the amount of water loss from the system and the number of emergency responses required to fix leaks.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|--------------------------------|-------------------------|
| 615-50-2308 | WATER RATES/OPERATING REVENUES | \$264,000 |
| Total: | | \$264,000 |



Plan FY: 2011-2012 THURSTON STREET SE AND BROADALBIN WATER LINE REPLACEMENT AND EXTENSION

CIP Project #: 1608

Master Plan: Water Supply Master Plan
Category: Water
Department: Public Works Department

Plan Element: Perpetual Life Replacement
Classification: Water Mains

Total Cost: \$507,000

This project will replace approximately 2,540 feet of 2-inch galvanized and 4-inch wrought iron water lines. The new water line on Thurston Street will be an 8-inch diameter line. The new water line on Broadalbin Street will be a 12-inch diameter line. Following is a list of the replacements: Thurston Street – Queen Avenue to the south dead-end (approx. 1,440 ft.); and Broadalbin Street – Water Avenue to 4th Avenue.

This project will improve fire protection for the housing and school in the Thurston Street area and downtown. It will also allow for the relocation of the water service along Thurston Street to the frontage of the property they serve. Water service for much of this area currently comes across private property from Jefferson Street.



Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|--|-------------------------|
| 615-50-2308 WATER RATES/OPERATING REVENUES | \$507,000 |
| Total: | \$507,000 |

Plan FY: 2011-2012 SANTIAM-ALBANY CANAL IMPROVEMENTS**CIP Project #: 1675 Phase: 9**

Master Plan: Water Supply Master Plan **Plan Element:**
Category: Water **Classification:** Water Supply & Storage
Department: Public Works Department

Total Cost: \$1,000,000

This phase provides for the construction of Canal improvements that may include, among other things: construction of new flow control structures, improvements to existing structures, sediment removal, bank stabilization, right-of-way acquisition, and replacement of bridges or culverts that represent flow constrictions at higher flow rates.

Operating Budget Impact: The majority of the improvements listed above will help reduce maintenance costs in the long term as they address previously deferred maintenance activities and or provide a means for more efficiently conducting routine maintenance activities.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|--------------------------------|-------------------------|
| 615-50-2308 | WATER RATES/OPERATING REVENUES | \$1,000,000 |
| Total: | | \$1,000,000 |

Related Projects:

| <u>Phase</u> | <u>Year</u> | <u>Title</u> | <u>Category</u> | <u>Projected Total</u> |
|-------------------------------------|-------------|-----------------------------------|-----------------|------------------------|
| 6 | 2009 | SANTIAM-ALBANY CANAL IMPROVEMENTS | Water | \$1,250,000 |
| 7 | 2010 | SANTIAM-ALBANY CANAL IMPROVEMENTS | Water | \$1,000,000 |
| 8 | 2011 | SANTIAM-ALBANY CANAL IMPROVEMENTS | Water | \$1,000,000 |
| 9 | 2012 | SANTIAM-ALBANY CANAL IMPROVEMENTS | Water | \$1,000,000 |
| 10 | 2013 | SANTIAM-ALBANY CANAL IMPROVEMENTS | Water | \$500,000 |
| Grand Total - All Related Projects: | | | | \$4,750,000 |

Plan FY: 2011-2012 NORTH ALBANY DISTRIBUTION PROJECTS

CIP Project #: 1751 Phase: 2

Master Plan: Water Supply Master Plan
Category: Water
Department: Public Works Department

Plan Element: P16, P13
Classification: Water Mains

Total Cost: \$1,170,000

This project will replace approximately 5,000 feet of undersized water lines to meet peak hour demands and fire flow requirements. Replacement pipe will be 12-inches in diameter along Scenic Drive from Gibson Hill Road to Wildwood Drive and 12-inches in diameter along Wildwood Drive to end. The need and timing for this project will be re-evaluated in FY08-09.

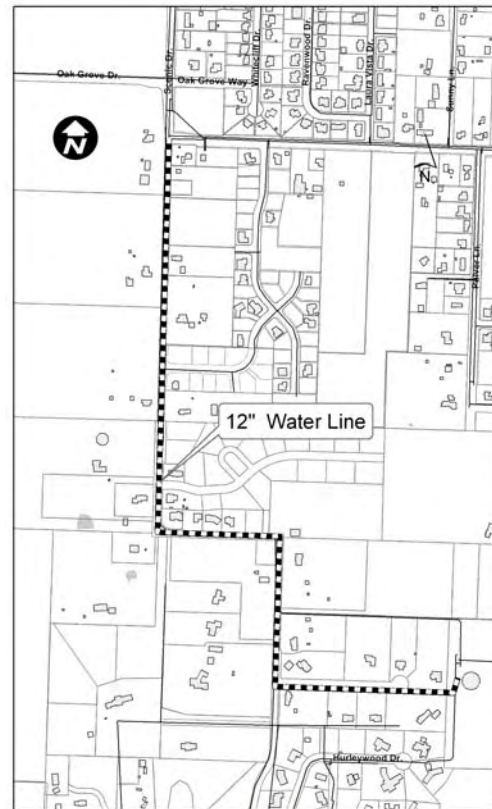
Operations Budget Impact: This project will reduce maintenance costs in the long term because it improves water flow movement in the area and increases pressure.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|--------------------------------|-------------------------|
| 615-50-2308 | WATER RATES/OPERATING REVENUES | \$1,170,000 |
| Total: | | \$1,170,000 |

Related Projects:

| <u>Phase</u> | <u>Year</u> | <u>Title</u> | <u>Category</u> | <u>Projected Total</u> |
|-------------------------------------|-------------|------------------------------------|-----------------|------------------------|
| 1 | 2011 | NORTH ALBANY DISTRIBUTION PROJECTS | Water | \$1,050,000 |
| 2 | 2012 | NORTH ALBANY DISTRIBUTION PROJECTS | Water | \$1,170,000 |
| 3 | 2014 | NORTH ALBANY DISTRIBUTION PROJECTS | Water | \$29,000 |
| Grand Total - All Related Projects: | | | | \$2,249,000 |



Plan FY: 2012-2013 CALAPOOIA STREET, BETWEEN 5TH AND 6TH

CIP Project #: 1570

Master Plan: Water Supply Master Plan **Plan Element:** Program - 1
Category: Water **Classification:** Water Mains
Department: Public Works Department

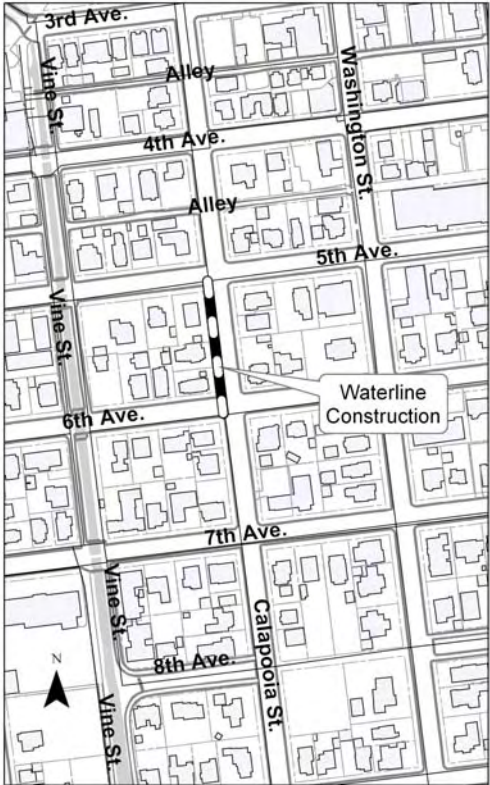
Total Cost: \$55,000

Replace approximately 295 feet of deteriorated 6-inch steel pipe with 8-inch ductile iron pipe.

Operating Budget Impact: This project will reduce maintenance costs over the long term. Replacement of these water mains will reduce the amount of water loss from the system and the number of emergency responses required to fix leaks.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|--|-------------------------|
| 615-50-2308 WATER RATES/OPERATING REVENUES | \$55,000 |
| Total: | \$55,000 |



Plan FY: 2012-2013 DAVIDSON STREET, 8TH TO SANTIAM [WFP]

CIP Project #: 1589

Master Plan: Water Supply Master Plan

Plan Element:

Category: Water

Classification: Water Mains

Department: Public Works Department

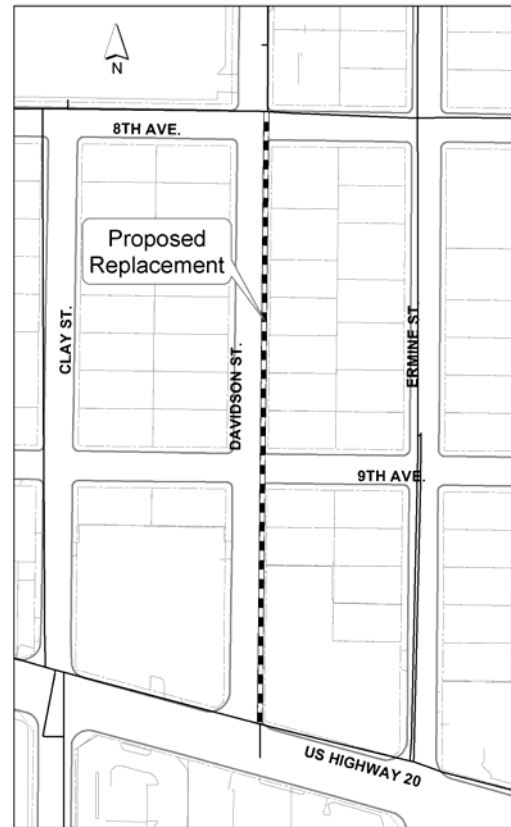
Total Cost: \$156,000

Replace 875 feet of deteriorated 6-inch galvanized water line with 8-inch ductile iron pipe. This section is identified in the Water Facility Plan as the location for the Central Albany Transmission Line. If this section is determined to be within the final alignment of the Central Line the replacement diameter will need to be 30" instead of 8-inch as used for this estimate.

Operating Budget Impact: This project will reduce maintenance costs over the long term. Replacement of these water mains will reduce the amount of water loss from the system and the number of emergency responses required to fix leaks.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|--|-------------------------|
| 615-50-2308 WATER RATES/OPERATING REVENUES | \$156,000 |
| Total: | \$156,000 |



Plan FY: 2012-2013 VINE STREET WTP IMPROVEMENTS, PHASE 1

CIP Project #: 1636 Phase: 1

Master Plan: Water Supply Master Plan **Plan Element:** WTP 03, 07, 13 & 19
Category: Water **Classification:** Water Supply & Storage
Department: Public Works Department

Total Cost: \$1,441,000

This group of projects is required to make capital maintenance improvements at the Vine Street WTP. Improvements include replacing Accelerator settling tubes in both Accelerator #1 and #2, completing filter gallery maintenance and replacing the control room HVAC system. The need for these projects will be re-evaluated in FY08-09 based on a condition assessment of the Vine Street WTP which is currently underway.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|--|-------------------------|
| 615-50-2308 WATER RATES/OPERATING REVENUES | \$1,441,000 |
| Total: | \$1,441,000 |

Plan FY: 2012-2013 ZONE 1 DISTRIBUTION PROJECTS

CIP Project #: 1638 Phase: 1

Master Plan: Water Supply Master Plan
Category: Water
Department: Public Works Department

Plan Element: P17, P18, P19, P23
Classification: Water Mains

SDC

Total Cost: \$647,000

These projects include approximately 1,400 feet of water lines necessary to meet fire flow requirements and approximately 1,500 feet of water lines required to meet future peak and maximum day demands. These projects are dispersed throughout pressure Zone 1. Pipe replacements will consist of a new 24-inch ductile iron water line on Jackson Street, a new 12-inch ductile iron water line on Ferry Street, and a new 8-inch ductile iron water line on Jefferson Street.

Funding Sources For This Project:

| <u>Activity</u> <u>Funding Source</u> | <u>Projected Amount</u> |
|--|-------------------------|
| 615-50-2300 SDC - IMPROVEMENT - WATER | \$380,000 |
| 615-50-2308 WATER RATES/OPERATING REVENUES | \$267,000 |
| Total: | \$647,000 |

Related Projects:

| <u>Phase</u> <u>Year</u> <u>Title</u> | <u>Category</u> | <u>Projected Total</u> |
|---|-----------------|------------------------|
| 1 2013 ZONE 1 DISTRIBUTION PROJECTS | Water | \$647,000 |
| 2 2014 ZONE 1 DISTRIBUTION PROJECTS | Water | \$290,000 |
| Grand Total - All Related Projects: | | \$937,000 |



Plan FY: 2012-2013 SANTIAM-ALBANY CANAL IMPROVEMENTS**CIP Project #: 1675 Phase: 10**

Master Plan: Water Supply Master Plan **Plan Element:**
Category: Water **Classification:** Water Supply & Storage
Department: Public Works Department

Total Cost: \$500,000

This phase provides for the construction of Canal improvements that may include, among other things: construction of new flow control structures, improvements to existing structures, sediment removal, bank stabilization, right-of-way acquisition, and replacement of bridges or culverts that represent flow constrictions at higher flow rates.

Operating Budget Impact: The majority of the improvements listed above will help reduce maintenance costs in the long term as they address previously deferred maintenance activities and or provide a means for more efficiently conducting routine maintenance activities.

Funding Sources For This Project:

| <u>Activity</u> | <u>Funding Source</u> | <u>Projected Amount</u> |
|-----------------|--------------------------------|-------------------------|
| 615-50-2308 | WATER RATES/OPERATING REVENUES | \$500,000 |
| Total: | | \$500,000 |

Related Projects:

| <u>Phase</u> | <u>Year</u> | <u>Title</u> | <u>Category</u> | <u>Projected Total</u> |
|-------------------------------------|-------------|-----------------------------------|-----------------|------------------------|
| 6 | 2009 | SANTIAM-ALBANY CANAL IMPROVEMENTS | Water | \$1,250,000 |
| 7 | 2010 | SANTIAM-ALBANY CANAL IMPROVEMENTS | Water | \$1,000,000 |
| 8 | 2011 | SANTIAM-ALBANY CANAL IMPROVEMENTS | Water | \$1,000,000 |
| 9 | 2012 | SANTIAM-ALBANY CANAL IMPROVEMENTS | Water | \$1,000,000 |
| 10 | 2013 | SANTIAM-ALBANY CANAL IMPROVEMENTS | Water | \$500,000 |
| Grand Total - All Related Projects: | | | | \$4,750,000 |

Unfunded Projects

The following projects have been identified as needed repairs and/or improvements to the City's infrastructure. In most cases, these projects are the result of a master plan process, which attempts to systematically look at the needs for public infrastructure over the next 10 to 20 years. These projects are considered "Unfunded" because either a source of funding has not been made available, or they will not be implemented within the five-year window this plan covers.

Miscellaneous - Water

| CIP # | Phase | Year | Title | Projected Total |
|--|-------|------|----------------------------|--------------------|
| 1790 | 1 | 2014 | WATER FACILITY PLAN UPDATE | \$426,000 |
| 1790 | 2 | 2024 | WATER FACILITY PLAN UPDATE | \$612,000 |
| Total for Unfunded Miscellaneous - Water: | | | | \$1,038,000 |

New Construction - Water

| CIP # | Phase | Year | Title | Projected Total |
|---|-------|------|---|---------------------|
| 1311 | 0 | | MARION STREET & 41ST AVENUE TO COLLEGE PARK DRIVE | \$249,000 |
| 1312 | 0 | | BROADWAY RESERVOIR TO MAIN & SALEM AVENUE | \$4,043,000 |
| 1640 | 0 | | CENTRAL ALBANY TRANSMISSION PROJECT | \$5,017,000 |
| 1641 | 0 | | DEVELOPMENT DRIVEN TRANSMISSION/DISTRIBUTION PROJECTS | \$4,662,000 |
| 1862 | 0 | | SOUTH NEBERGALL LOOP WATER LINE | \$243,000 |
| 1866 | 0 | | THREE LAKES ROAD WATERLINE EXTENSION (21ST AVE TO 2,500 FEET SOUTH) | \$582,000 |
| Total for Unfunded New Construction - Water: | | | | \$14,796,000 |

Water Mains

| CIP # | Phase | Year | Title | Projected Total |
|-------|-------|------|--|-----------------|
| 1002 | 1 | 0 | HILL STREET: QUEEN TO 24TH AVENUE | \$712,000 |
| 1002 | 2 | 0 | HILL STREET: 24TH TO 28TH AVENUE | \$402,000 |
| 1002 | 3 | 0 | HILL STREET: 28TH TO 34TH AVENUE | \$496,000 |
| 1002 | 4 | 0 | HILL STREET: 34TH TO 38TH AVENUE | \$313,000 |
| 1314 | 0 | | STEEL LINE REPLACEMENT PROGRAM | \$8,180,000 |
| 1443 | 2 | 0 | OAK STREET, 9TH AVENUE TO QUEEN AVENUE | \$603,000 |
| 1558 | 0 | | SPRINGHILL DRIVE OFF COUNTRYMAN CIRCLE | \$112,000 |
| 1559 | 0 | | RIDGEVIEW LANE NW | \$100,000 |
| 1560 | 0 | | KOUNS DRIVE AREA TO SCENIC DRIVE | \$805,000 |
| 1561 | 0 | | RONDO STREET AREA, HIGHWAY 20 TO KOUNS DRIVE | \$1,034,000 |
| 1562 | 0 | | COUNTRYMAN CIRCLE, WEST SIDE | \$618,000 |
| 1564 | 0 | | SCENIC DRIVE NW, VALLEY VIEW DRIVE TO DEAD END NORTH OF PALESTINE AVENUE | \$912,000 |
| 1565 | 0 | | KNOLLWOODS DRIVE, SOUTH OF POWERS AVENUE NW | \$101,000 |
| 1566 | 0 | | SOX LANE NW, SOUTH OF POWERS AVENUE | \$95,000 |
| 1567 | 0 | | POWERS AVENUE, OAK GROVE DRIVE EAST | \$324,000 |
| 1568 | 0 | | OAK GROVE DRIVE, NORTH OF POWERS AND ALONG PALESTINE DRIVE | \$604,000 |
| 1569 | 0 | | VINE STREET, 6TH TO 7TH | \$47,000 |
| 1571 | 0 | | THORNTON LAKE DRIVE NW, REPLACE SERVICE CONNECTION | \$17,000 |
| 1573 | 0 | | PARK TERRACE NW, OFF GIBSON HILL ROAD | \$159,000 |

Capital Improvement Program 2009-2013

| CIP # | Phase | Year | Title | Projected Total |
|--|-------|------|--|----------------------|
| 1578 | | 0 | FRANKLIN AVENUE WATER LINE REPLACEMENT | \$104,000 |
| 1580 | | 0 | FRONT AVENUE, MAIN TO SHERMAN | \$31,000 |
| 1581 | | 0 | MONTGOMERY STREET, WATER AVENUE TO 1ST AVENUE | \$27,000 |
| 1582 | | 0 | 2ND AVENUE, CALAPOOIA STREET TO WASHINGTON STREET | \$47,000 |
| 1583 | | 0 | PACIFIC BOULEVARD, WAVERLY DRIVE TO ALBANY AVENUE | \$417,000 |
| 1585 | | 0 | SKYLINE DRIVE, GIBSON HILL ROAD TO ORCHARD HEIGHTS DRIVE | \$160,000 |
| 1592 | | 0 | JEFFERSON, MONTGOMERY, JACKSON AND 6TH AVENUE AREA | \$536,000 |
| 1596 | | 0 | LINCOLN STREET, 12TH AVENUE TO 15TH AVENUE | \$248,000 |
| 1606 | | 0 | LAFAYETTE, CLOVERDALE, PEACH TREE, CHERRY AND FAIRWAY AREA | \$774,000 |
| 1746 | | 0 | UNDERSIZED PIPELINES WITH HYDRANTS REPLACEMENT PROGRAM | \$3,961,000 |
| 1747 | | 0 | PERPETUAL LIFE REPLACEMENT PROGRAM | \$83,883,000 |
| 1782 | | 0 | CENTURY DRIVE WATER SYSTEM | \$1,145,000 |
| 1783 | | 0 | DRAPERVILLE WATER SYSTEM | \$785,000 |
| 1806 | | 0 | SHADY LANE, SOUTH OF DOGWOOD LANE NW | \$142,000 |
| 1594 | | 2014 | WASHINGTON AND FERRY STREETS AREA; 9TH TO 14TH | \$1,086,000 |
| 1638 | 2 | 2014 | ZONE 1 DISTRIBUTION PROJECTS | \$290,000 |
| Total for Unfunded Water Mains: | | | | \$109,270,000 |

Water Supply & Storage

| CIP # | Phase | Year | Title | Projected Total |
|---|-------|------|---|---------------------|
| 1300 | 1 | 0 | KNOX BUTTE RESERVOIR PROJECT, PHASE 1 | \$6,870,000 |
| 1300 | 2 | 0 | KNOX BUTTE RESERVOIR PROJECT, PHASE 2 | \$3,994,000 |
| 1634 | | 0 | INCREASE LEVEL 2 PUMP STATION CAPACITY | \$11,000 |
| 1636 | 2 | 0 | VINE STREET WTP PROJECTS, PHASE 2 | \$5,154,000 |
| 1639 | 2 | 0 | ELLINGSON ROAD RESERVOIR PROJECT | \$3,863,000 |
| 1644 | | 0 | JOINT WATER PROJECT, PHASE 2 | \$4,450,000 |
| 1675 | 1 | 0 | SANTIAM-ALBANY CANAL IMPROVEMENTS, 9TH TO QUEEN | \$500,000 |
| 1675 | 11 | 0 | SANTIAM-ALBANY CANAL IMPROVEMENTS | \$4,108,000 |
| 1752 | | 0 | WILDWOOD RESERVOIR #2 | \$782,000 |
| 1639 | 1 | 2014 | ELLINGSON ROAD RESERVOIR PROJECT | \$6,121,000 |
| 1751 | 3 | 2014 | NORTH ALBANY DISTRIBUTION PROJECTS | \$29,000 |
| Total for Unfunded Water Supply & Storage: | | | | \$35,882,000 |

Grand Total for Unfunded Water: \$160,986,000