

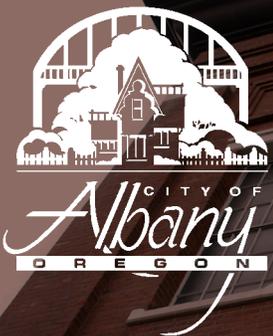


CITY OF ALBANY



CAPITAL IMPROVEMENT PROGRAM

FY 2009-2010
THROUGH 2013-2014



City of Albany
Capital Improvement Program

FY 2009-2010 through 2013-2014



Sharon Konopa
MAYOR

Floyd Collins



Ward I



Dick Olsen

Bill Coburn



Ward II



Ralph Reid, Jr.

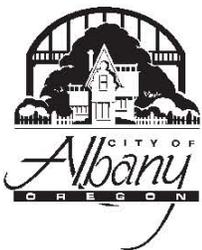
Jeff Christman



Ward III



Bessie Johnson



Wes Hare
CITY MANAGER
Stewart Taylor
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COMMUNITY DEVELOPMENT DIRECTOR
John Bradner
FIRE CHIEF

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Ed Boyd
POLICE CHIEF
Diane Taniguchi-Dennis
PUBLIC WORKS DIRECTOR

City Manager's Message

To the City Council and Citizens of Albany:



Capital Improvement Programs are developed to ensure money is accumulated to fund large-scale projects. Putting aside resources requires planning and discipline that ultimately saves the City money by earning interest rather than having to pay it. We are currently facing serious economic challenges that could well extend through the years covered in this proposed plan. These challenges could test the City's commitment to capital planning.

I strongly recommend that we continue to follow our plan. Deferring improvements could mean that critical systems will fail or, at the very least, cost much more than necessary. I know that the City Council, Budget Committee, and Planning Commission fully appreciate the importance of the Capital Improvement Program; but I believe it is necessary to reaffirm our commitment to it at a time when pressure will build to place more emphasis on operating expenses.

The proposed program is both a planning tool for city staff and a means of communicating how resources will be allocated to projects. Interested citizens can turn to this document to determine what major physical improvements the City has planned during the next five-year interval. There is inherent tension in the document between those projects that will receive funding and those that do not. While staff attempts to be as objective as possible in making difficult choices, the final decisions are made by policy makers through a political process. Citizens sometimes lament the presence of "politics" in public decision making, but it is entirely appropriate that elected representatives balance competing interests (politics) when making important decisions.

These are challenging times, and it will be our commitment to sound management practices that helps the community make the best of difficult circumstances. Completing the projects called for in the plan will help employ people and sustain businesses, while making Albany a better place to live.

Respectfully submitted,

Wes Hare
City Manager

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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.

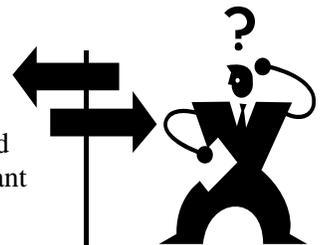
The four primary themes of the strategic plan are Great Neighborhoods, a Safe City, a Healthy Economy, and an Effective Government.

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 2009-2010. 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 accessibility, finance, parks, public facilities, revitalization, stormwater, 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 #1324 River View Heights Playground Replacement

This project was completed in June 2008.

COMPLETED #1807 New Community Park Acquisition

This project was completed in 2008.

COMPLETED #1894 Oak Street Park Development

This project is under construction and is scheduled to be completed by June 2009.

IN PROCESS #1901 Timber Linn Park Improvements, Phase 1A

This project includes park improvements related to the construction of a new YMCA in the park. The project has been delayed pending the completion of the YMCA's capital campaign, approvals by State and Federal agencies, and final approval by the City Council; final decisions should be made in current fiscal year.

IN PROCESS #1922 Eades Park Development

Construction is scheduled for spring 2009.

IN PROCESS #1939 Periwinkle Path and Bridge

Construction is pending award of grant funds in current fiscal year.

DEFERRED #1321 Timber Hill Park Acquisition (formerly Clover Ridge Park Acquisition)

Project indefinitely postponed due to land costs.

DEFERRED #1886 Timber Linn Park Improvements, Phase 1B

Project delayed due to insufficient funds; deferred to FY 2010-11.

DEFERRED #1895 Community Park Development – Phase I

Project deferred to FY 2010-11 due to insufficient funds.

DEFERRED #1896 Draper Park Playground Replacement

Project deferred to FY 2009-10 due to insufficient funds.

DEFERRED #1897 Picnic Shelters at Gibson Hill, Lexington and Takena Parks

Project deferred to FY 2009-10 due to insufficient funds.

DEFERRED #1898 Pineway Park Playground Replacement

Design underway in current fiscal year; construction deferred to FY 2011-12 due to insufficient funds.

DEFERRED #1899 Henderson Park Playground Replacement

Project deferred to FY 2009-10 due to insufficient funds.

DEFERRED #1900 Teloh Calapooia Park Playground Replacement

Project delayed due to denial of grant request; deferred to FY 2010.

DEFERRED #1902 Swanson Park/Albany Train Station Connector

Project deferred to FY 2009-10 due to delays in securing grant funding.

PUBLIC FACILITIES

COMPLETED #1915 Albany Police Station HVAC Evaluation

This project has been completed.

COMPLETED #1917 Relocation of Waste Staging Area at City Hall

This project is scheduled to be completed by the end of June 2009.

COMPLETED #1905 New Library Facility

This project was completed in winter of 2009.

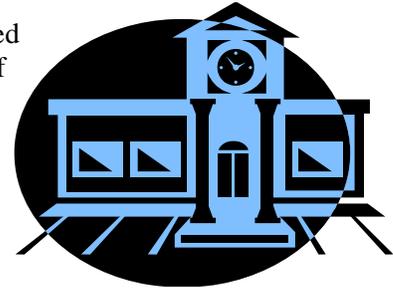
IN PROCESS #1743 Operations Building Improvements (Phase 1)

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.

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 #1913 Waverly Drive Rehabilitation, Phase 1

This project was completed in the summer of 2008.

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

This assessment was completed in winter 2009.

COMPLETED #1925 Albany Airport FAA Improvements

This project was completed in the winter of 2009.

COMPLETED #1929 Third Avenue Bridge Repair

This project was completed in the winter of 2009.

DELETED #1852 Albany Municipal Airport Landscaping

IN PROCESS #1654 North Albany Park and Ride

Design will be completed during FY 2009-10 with construction during FY 2010-11.

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

Design will be completed during FY 2009-10 with construction during FY 2010-11.

IN PROCESS #1868 53rd Avenue Extension

This project is on hold since the proposed Gatorade plant has fallen through.

IN PROCESS #1883 Albany Transit System – Bus Replacement

This project will be completed by June 2009.

WASTEWATER

COMPLETED #1196 34th Avenue Lift Station Replacement

This project will be completed in the spring of 2009.

IN PROCESS #1193 Calapooia Interceptor: Takena – 12th

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

IN PROCESS #1197 Treatment Plant Improvements – Construction

Construction is almost completed and plant start up will be completed during 2009.

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

This project is currently in design and is scheduled to be completed by the end of 2009.

WATER

COMPLETED #1257 Hydroelectric Facility Improvements

This project was completed in winter 2009.

COMPLETED #1298 Madison Street and 12th Avenue Area

This project was completed in the summer of 2008.

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

This project was completed in the summer of 2008.

COMPLETED #1611 4th Avenue, 5th Avenue, and Chicago Area

This project was completed in the spring of 2008.

COMPLETED #1745 Water System Security Upgrades

This project has been completed.

COMPLETED #1297 8th Avenue Elm to Broadway

This project was completed in winter 2009.

COMPLETED #1588 9th Avenue and 24th Avenue East of Waverly Drive

This project was completed in winter 2009.

COMPLETED #1595 5th Avenue and 6th Avenue, Ferry to Lyon

This project was completed in spring 2009.

COMPLETED #1938 Adair Water System Emergency Connection

Initial investigations have been completed for this project and the interconnection will not be constructed at this time until the broader water discussion with the City of Adair Village and Benton County is completed. The intertie along Independence Highway would provide only limited flows to the City of Albany given the current size, configuration, and condition of the existing Adair Village water source. Therefore, more discussion is needed with the City of Adair Village and Benton County to evaluate the best alternatives for using and preserving the Adair water right for the City of Albany and the region.

This work will need to be coordinated with all local communities and the State Water Resource Department.

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, 5, and 6)

Design and construction activities are currently underway. Canal gate improvements, excessive brush removal, bank repairs, and hydraulic analysis are just some of the activities.

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

Construction anticipated to be completed by fall 2009.

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

This project is scheduled to be completed in fall 2009.

IN PROCESS #1750 Valley View Reservoir Improvements

This project is scheduled to be completed in fall 2009.

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 (Phases 1, 2, and 3)

Design is underway with construction anticipated by spring 2009.

IN PROCESS #1584 4th Avenue, Ermine, Davidson, and Clay in the Columbus to Waverly Area

This project will be completed during summer 2009 to avoid traffic impacts to nearby Waverly Elementary School.

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





Finances

Paying for Capital Projects

A preliminary look at financing, pending further decisions

Let us 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.

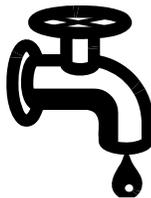
Sources of Funding

The table on the next page shows the relative breakdown of funding sources for all the projects contained in the 2010-2014 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	2010	2011	2012	2013	2014	TOTAL
Economic Development	\$35,000	\$0	\$0	\$0	\$0	\$35,000
Federal Grants	\$315,000	\$0	\$0	\$0	\$0	\$315,000
Federal Stimulus Funds	\$1,694,000	\$0	\$0	\$0	\$0	\$1,694,000
Future Donations	\$99,000	\$850,000	\$115,000	\$0	\$0	\$1,064,000
Future State Grant	\$75,000	\$250,000	\$300,000	\$0	\$750,000	\$1,375,000
Grant – Unspecified	\$35,000	\$750,000	\$50,000	\$0	\$0	\$835,000
Local Improvement District	\$4,695,000	\$0	\$0	\$0	\$0	\$4,695,000
North Albany Street Improvement	\$0	\$0	\$307,000	\$0	\$0	\$307,000
Parks and Recreation	\$110,000	\$625,000	\$235,000	\$0	\$0	\$970,000
Reserve: Capital Projects	\$2,284,000	\$0	\$0	\$0	\$0	\$2,284,000
SDC Improvement – Parks	\$100,000	\$700,000	\$400,000	\$0	\$750,000	\$1,950,000
SDC Improvement – Sewer	\$0	\$166,000	\$0	\$0	\$794,000	\$960,000
SDC Improvement – Transportation	\$0	\$110,000	\$0	\$0	\$0	\$110,000
SDC Improvement – Water	\$96,000	\$0	\$0	\$367,000	\$857,000	\$1,320,000
SDC Reimbursement – Water	\$55,000	\$0	\$0	\$0	\$0	\$55,000
Sewer Rates/Operating Revenues	\$667,000	\$756,000	\$545,000	\$545,000	\$6,107,000	\$8,620,000
State Highway Fund (gas tax)	\$171,000	\$0	\$0	\$0	\$0	\$171,000
State of Oregon	\$0	\$845,000	\$0	\$0	\$1,277,000	\$2,122,000
Street Capital Reserves	\$503,000	\$394,000	\$40,000	\$40,000	\$562,000	\$1,539,000
Water Bond Fund	\$2,124,000	\$845,000	\$0	\$0	\$0	\$2,969,000
Water Rates/Operating Revenues	\$0	\$341,000	\$2,529,000	\$2,328,000	\$2,494,000	\$7,692,000
TOTAL:	\$13,058,000	\$6,632,000	\$4,521,000	\$3,280,000	\$13,591,000	\$41,082,000

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	2010	2011	2012	2013	2014	TOTAL
Accessibility	\$0	\$0	\$0	\$0	\$0	\$0
Parks	\$419,000	\$3,175,000	\$1,100,000	\$0	\$1,500,000	\$6,194,000
Public Facilities	\$2,284,000	\$0	\$0	\$0	\$0	\$2,284,000
Revitalization	\$0	\$0	\$0	\$0	\$0	\$0
Stormwater	\$585,000	\$0	\$0	\$0	\$0	\$585,000
Transportation	\$7,046,000	\$1,349,000	\$347,000	\$40,000	\$1,839,000	\$10,621,000
Wastewater	\$545,000	\$922,000	\$545,000	\$545,000	\$6,901,000	\$9,458,000
Water	\$2,179,000	\$1,186,000	\$2,529,000	\$2,695,000	\$3,351,000	\$11,940,000
GRAND TOTALS:	\$13,058,000	\$6,632,000	\$4,521,000	\$3,280,000	\$13,591,000	\$41,082,000

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

These projects involve construction of new facilities to deal with police overcrowding, fire station building deficiencies, and emergency service training needs. Should the community consider funding these projects, raising the projected \$17 million dollars would cost the owners of a \$150,000 house an additional \$82 per year in taxes, based on a 20-year General Obligation bond and an assumed interest rate of five and one-half 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 \$48 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.

Stormwater Management Utility

This proposal has been discussed as a means of funding the costs of maintaining and improving the stormwater collection system. Increased community concern regarding stormwater quantity and quality along with increased state and federal regulations regarding stormwater treatment is requiring more City resources to improve and maintain the City's stormwater system. The utility has been discussed as a \$5.00 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.



Accessibility

Addressing Physical Barriers

This is the first year the topic of accessibility has been individually addressed in the City's Capital Improvement Program. This step is reflective of the City's determination to have a more inclusive infrastructure that adequately meets the needs of all citizens. Through progressive efforts, Albany's public facilities will become increasingly accessible to people of all abilities.

Acknowledging We Can Not Remedy All Issues Now

From steep slopes to stairs, there are many barriers to accessibility around the City. This is common in established cities, as many facilities were constructed before accessibility standards were enacted. The prevalence of these barriers may make complete accessibility seem daunting, or even unattainable. Limited funding means we cannot address every problem area immediately. Through proactive efforts, however, continued measurable progress, along with planned implementation, will bring considerable benefits to Albany's citizens. In addition, because all new projects are required to be accessible, the number of deficiencies throughout the city will not increase, but will only decline.



To comply with the Americans with Disabilities Act, accessibility deficiencies must be incorporated into the City's transportation infrastructure upgrade plans. This includes incorporation into plans such as those targeting bus stops and the installation of new curb ramps where none exist. Over the past year, staff has been working to design and implement plans to improve disability access throughout the city, and will continue to ensure disability access is included in future planning. All such plans for new projects will meet either the *Americans with Disabilities Act Accessibility Guidelines* (ADAAG) or the *Uniform Federal Accessibility Standards* (UFAS); both are approved Department of Justice standards as a way to measure accessibility of facilities.

Although no accessibility-specific projects are shown in this year's CIP, it is important to note the City is making substantial investments in improving accessibility throughout Albany. As mentioned above, these efforts are typically paired with other required maintenance or capital project activities. For instance, the City is currently installing approximately 90 curb ramps in areas planned for street overlays this summer. Similarly, approximately 25 curb ramps were installed last summer in overlay areas. Other recent noteworthy improvements are upgraded facilities along Waverly Drive with the recent street rehabilitation project and the City's current efforts to upgrade 18 bus shelters to current accessibility standards.

What We Plan to Address First

The City has recently created a Disability Access Coordinator position to identify accessibility deficiencies within the public right-of-way and create a database of existing public infrastructure that does not meet current accessibility standards. The Disability Access Coordinator is also responsible for creating a transition plan to bring the City's infrastructure into compliance. Additionally, the coordinator reviews private development proposals, conducts site inspections, and responds to complaints from citizens regarding lack of access for people with disabilities. Complaints to the City have included lack of

curb ramps, deficient curb ramps, inaccessible bus stops, and uneven sidewalks, among other things. Our goal is to address these and other access-related citizen complaints in a timely and productive manner.

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.

CIP #	Phase	Year	Title	Projected Total
1932		2010	AMERICANS WITH DISABILITIES ACT (ADA) PUBLIC IMPROVEMENT COMPLIANCE PROGRAM	\$25,000
1933		2011	AMERICANS WITH DISABILITIES ACT (ADA) PUBLIC IMPROVEMENT COMPLIANCE PROGRAM	\$25,000
1934		2012	AMERICANS WITH DISABILITIES ACT (ADA) PUBLIC IMPROVEMENT COMPLIANCE PROGRAM	\$25,000
1935		2013	AMERICANS WITH DISABILITIES ACT (ADA) PUBLIC IMPROVEMENT COMPLIANCE PROGRAM	\$25,000
1945		2014	AMERICANS WITH DISABILITIES ACT (ADA) PUBLIC IMPROVEMENT COMPLIANCE PROGRAM	\$25,000
Total for Unfunded :				\$125,000

Grand Total for Unfunded Accessibility: \$125,000



Parks

Neighborhoods Reflect our City's Image

In 2006, the Albany City Council adopted the 2006-2010 Parks and Recreation Master Plan. This plan guides the City's investment in park acquisition, renovation, and new facility improvements. Parks projects are funded by a mix of funds from outside grants, private donations, Parks System Development Charges, and the Parks and Recreation Department's annual operating fund. The current slow-down in the local economy has reduced estimated revenues in each of our funding sources for park projects, requiring adjustments to the schedules for several projects in this CIP.

A high priority of the Parks Master 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, Riverview Heights, and Burkhart parks. In 2008-09, the City will complete the replacement of equipment at Eades Park.

Playground replacements at three parks – Teloh Calapooia, Pineway, and Henderson – were also to be initiated in FY 2008-09. These projects have been postponed by one or more years in the proposed CIP, reflecting the anticipated reduction in available revenues. Projects at Draper, Sunrise, Deerfield, Grand Prairie, and Lehigh parks are scheduled in the latter years of the proposed CIP.

Equally important is the acquisition of land for new parks in the areas of the City that have experienced significant growth and those established communities without parks. New park sites are typically acquired through donation or purchased with Parks SDC funds and grants. In 2008, the City received a gift of a 12-acre parcel from the Boys and Girls Club of Albany for a new neighborhood park on Oak Street in central Albany. The City secured a park development grant from the State of Oregon to build the park, which will be completed by June 2009.

The Parks Master Plan also calls for a new neighborhood park site in the Knox Butte Road area. The site has been identified. However, due to funding constraints, the purchase has been postponed indefinitely.



The 2010-2014 CIP also includes the design and development of the new community park in south Albany. This site was acquired in 2008 and will be developed with much-needed sports fields. Design work will begin in 2009. Depending on grant funding and private donations to supplement Parks SDC funds, these improvements are expected to begin in 2010-2011.

Finally, the CIP includes funding for several phases of improvements to Timber Linn Park. The first of these includes City-funded improvements related to the relocation of the YMCA to Timber Linn Park. Long-delayed, this project may begin in 2009, depending on the completion of the YMCA's capital campaign and City Council's final approval. Other phases of Timber Linn Park's development must be postponed one or more years due to insufficient funding. These changes are reflected in the proposed CIP.

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	2010	2011	2012	2013	2014	TOTAL
Future Donations	\$99,000	\$850,000	\$115,000	\$0	\$0	\$1,064,000
Future State Grant	\$75,000	\$250,000	\$300,000	\$0	\$750,000	\$1,375,000
Grant – Unspecified	\$35,000	\$750,000	\$50,000	\$0	\$0	\$835,000
Parks and Recreation	\$110,000	\$625,000	\$235,000	\$0	\$0	\$970,000
SDC – Improvement – Parks	\$100,000	\$700,000	\$400,000	\$0	\$750,000	\$1,950,000
GRAND TOTALS:	\$419,000	\$3,175,000	\$1,100,000	\$0	\$1,500,000	\$6,194,000

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: 2009 - 2010		
1897	PICNIC SHELTERS AT GIBSON HILL, LEXINGTON, AND TAKENA PARKS	\$150,000
1899	HENDERSON PARK PLAYGROUND REPLACEMENT	\$94,000
1900	TELOH CALAPOOIA PARK PLAYGROUND REPLACEMENT	\$150,000
1902	SWANSON PARK/ALBANY TRAIN STATION CONNECTOR PATH	\$25,000
Total for FY 2009 - 2010		\$419,000
Plan Year: 2010 - 2011		
1886	TIMBER LINN PARK IMPROVEMENTS - PHASE 1B	\$400,000
1887	TIMBER LINN PARK IMPROVEMENTS - PHASE 1C	\$600,000
1889	GRAND PRAIRIE PARK PLAYGROUND REPLACEMENT	\$150,000
1890	LEHIGH PARK PLAYGROUND REPLACEMENT	\$150,000
1891	HACKLEMAN PARK SHELTER REPLACEMENT	\$75,000
1892	SUNRISE PARK PLAYGROUND REPLACEMENT	\$150,000
1895	COMMUNITY PARK DEVELOPMENT - PHASE 1	\$1,500,000
1896	DRAPER PARK PLAYGROUND REPLACEMENT	\$150,000
Total for FY 2010 - 2011		\$3,175,000
Plan Year: 2011 - 2012		
1884	NEIGHBORHOOD PARK DEVELOPMENT - NORTH POINTE MEADOWS	\$400,000
1888	CANAL ESPLANADE TRAIL	\$200,000
1893	DEERFIELD PARK RENOVATION	\$400,000
1898	PINEWAY PARK PLAYGROUND REPLACEMENT	\$100,000
Total for FY 2011 - 2012		\$1,100,000
Plan Year: 2013 - 2014		
1936	COMMUNITY PARK DEVELOPMENT - PHASE 2	\$1,000,000
1937	NEW HIKE/BIKE TRAIL DEVELOPMENT	\$500,000
Total for FY 2013 - 2014		\$1,500,000
Grand Total for Parks:		\$6,194,000

Plan FY: 2009-2010 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

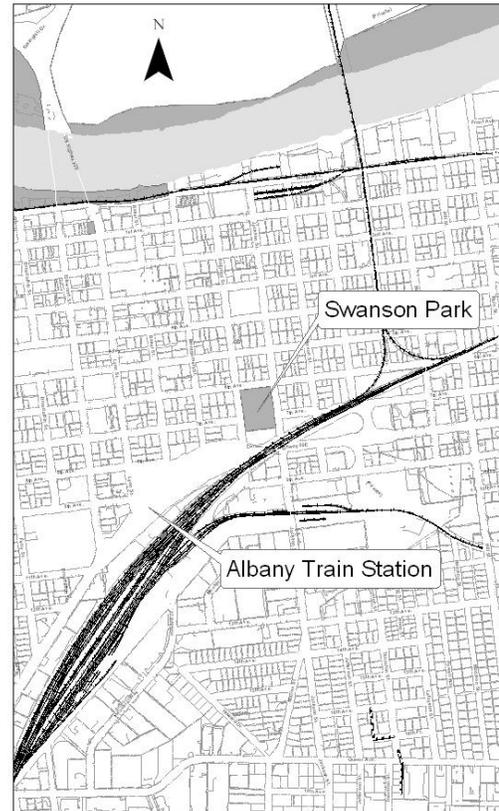
Total Cost: \$25,000

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: 2010-2011 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

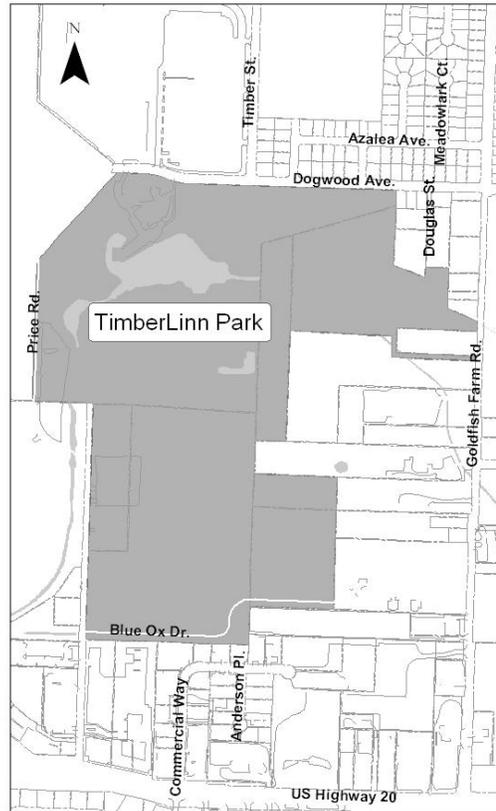
Total Cost: \$400,000

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: 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 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: 2011-2012 NEIGHBORHOOD PARK DEVELOPMENT - NORTH POINTE MEADOWS

CIP Project #: 1884

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

Plan Element: NP-1
Classification: Park Development

SDC

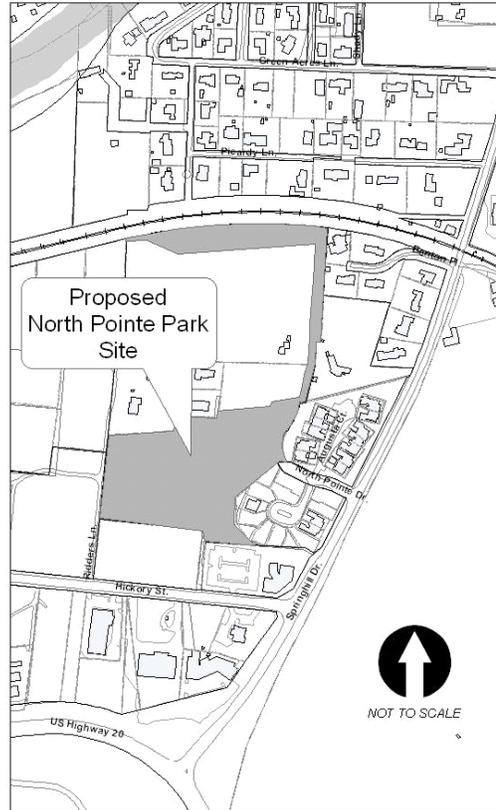
Total Cost: \$400,000

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: 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

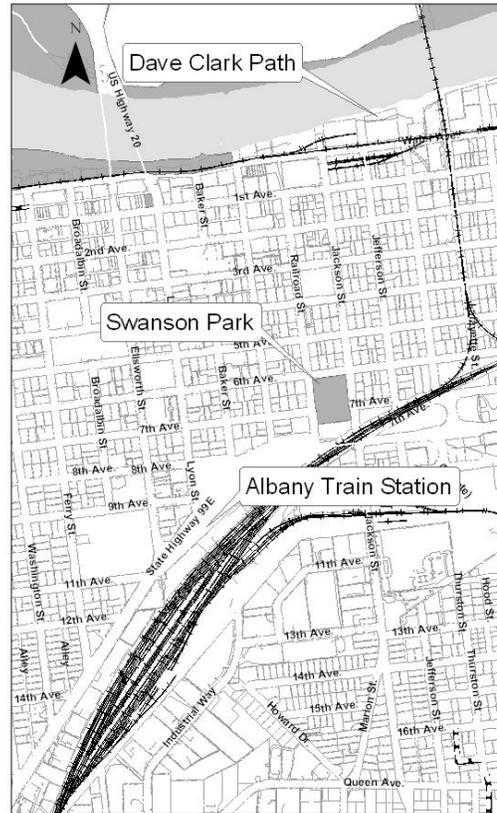
Total Cost: \$200,000

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



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.

Park Development

CIP #	Phase	Year	Title	Projected Total
1321		0	TIMBER HILL PARK ACQUISITION	\$300,000
1903		0	NEIGHBORHOOD PARK DEVELOPMENT - TIMBERHILL SITE	\$300,000
1904		0	NEIGHBORHOOD PARK DEVELOPMENT - TIMBERHILL SITE PHASE 2	\$200,000
Total for Unfunded Park Development:				\$800,000

Grand Total for Unfunded Parks: \$800,000

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 1988, 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 system 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.
- Emergency services personnel lack adequate training facilities so they can develop new skills and maintain proficiency in current capabilities. Emergency responders must stay current in suppression, life saving, and rescue techniques in order to properly handle the numerous situations they may encounter.

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	2010	2011	2012	2013	2014	TOTAL
Reserve: Capital Projects	\$2,284,000	\$0	\$0	\$0	\$0	\$2,284,000
GRAND TOTALS:	\$2,284,000	\$0	\$0	\$0	\$0	\$2,284,000

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: 2009 - 2010		
1941	NEW POLICE STATION PROPERTY ACQUISITION	\$2,284,000
Total for FY 2009 - 2010		\$2,284,000
Grand Total for Public Facilities:		\$2,284,000

Plan FY: 2009-2010 NEW POLICE STATION PROPERTY ACQUISITION**CIP Project #: 1941****Master Plan:****Category:** Public Facilities**Department:** Police Department**Plan Element:****Classification:** Police Facilities**Total Cost: \$2,284,000**

This project will provide for property acquisition needed to construct a new police station. Built in 1989, the existing building and parking lot are too small for present staff, with no place to expand.

Operating Budget Impact: This project will increase maintenance costs by a small amount to provide for property maintenance until the police station facility is constructed.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
217-10-1034	RESERVE: CAPITAL PROJECTS	\$2,284,000
	Total:	\$2,284,000

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	\$6,000,000
1942		0	SEISMIC UPGRADE TO FIRE STATION 12	\$275,000
1943		0	EMERGENCY SERVICE TRAINING CENTER	\$4,500,000
Total for Unfunded Fire Facilities:				\$10,775,000

General Facilities

CIP #	Phase	Year	Title	Projected Total
1743	2	0	OPERATIONS BUILDING IMPROVEMENTS	\$300,000
1743	3	0	OPERATIONS BUILDING IMPROVEMENTS	\$3,500,000
1851		0	BUS SERVICE FACILITY	\$2,482,000
1940		0	PUBLIC WORKS DEPARTMENT BUILDING	\$10,000,000
Total for Unfunded General Facilities:				\$16,282,000

Police Facilities

CIP #	Phase	Year	Title	Projected Total
1335		0	POLICE STATION ADDITION/REPLACEMENT	\$11,090,000
Total for Unfunded Police Facilities:				\$11,090,000

Grand Total for Unfunded Public Facilities: \$38,147,000



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

To date CARA has spent about \$8.4 million on projects that assist the revitalization of Central Albany:

- Installation of streetscape improvements along First Avenue in the downtown core.
- Financial assistance towards the Ironworks project. This development, now completed, includes a 15,000 square foot office building, seven LEED-certified town homes, and an apartment building.
- Financial assistance in the form of grants totaling \$1,655,000 for 18 small business owners in the downtown core, as well as, assistance to the Brass Ring Carousel, and for building low-income housing for the elderly.
- Loans to four projects, larger renovations including upstairs rehabilitation of downtown properties including Pix Theater, Jordan Jewelers, and a law office.
- Developer assistance on projects including Willamette Community Bank, RCM Homes, and David Johnson totaling \$4,542,000.
- Non-capital projects that include installation of a fiber optic line, the Riverfront Refinement plan, and others.
- Development partnership assistance for waterfront projects including Edgewater Village consisting of 146 condominium units.

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, highest and best use of Senior Center properties, and continued improvement and restoration of downtown properties.

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.

Development Partnerships

CIP #	Phase	Year	Title	Projected Total
1338		0	PROPERTY ACQUISITION & ASSEMBLY	\$250,000
1341		0	PROPERTY REDEVELOPMENT ASSISTANCE	\$1,000,000
1342		0	PAINT PROGRAM	\$100,000
1343		0	ALBANY SQUARE DEVELOPMENT	\$150,000
1344		0	WATER AVENUE IMPROVEMENTS	\$2,000,000
1345		0	RIVERFRONT HOUSING INFRASTRUCTURE	\$2,625,000
1346		0	TRANSITION AREAS REDEVELOPMENT	\$1,250,000
1347		0	HOUSING DEMONSTRATION	\$250,000
1348		0	HOUSING DEVELOPMENT	\$825,000
1349		0	HOUSING REHABILITATION	\$700,000
Total for Unfunded Development Partnerships:				\$9,150,000

General Facilities

CIP #	Phase	Year	Title	Projected Total
1331		0	CANAL ESPLANADE	\$3,013,000
1333		0	COMMUNITY GATEWAYS	\$510,000
Total for Unfunded General Facilities:				\$3,523,000

Infrastructure

CIP #	Phase	Year	Title	Projected Total
1366		0	COMMUNICATIONS INFRASTRUCTURE	\$500,000
1367		0	UNDERGROUND OVERHEAD UTILITIES	\$1,000,000
1368		0	ROADS, WATER, SEWER, STORM SEWER, RAIL CROSSING	\$3,000,000
1369		0	STREET REDEVELOPMENT	\$2,000,000
1370		0	ALLEY REDEVELOPMENT	\$750,000
1371		0	DOWNTOWN GRID SYSTEM	\$100,000
1372		0	TRAFFIC CALMING	\$250,000
1373		0	QUEEN AVENUE RAIL CROSSING	\$300,000
1374		0	1ST AVENUE UNDERCROSSING	\$500,000
Total for Unfunded Infrastructure:				\$8,400,000

Pedestrian/Bicycle Connectivity

CIP #	Phase	Year	Title	Projected Total
1375		0	WILLAMETTE RIVERFRONT PATH - CALAPOOIA CROSSING	\$1,000,000
1376		0	WILLAMETTE RIVERWALK - BOWMAN/HARRISON CONNECTION	\$250,000

CIP #	Phase	Year	Title	Projected Total
1377		0	CALAPOOIA RIVERWALK	\$500,000
1379		0	8TH AVENUE CANAL ESPLANADE	\$500,000
1380		0	THURSTON CANAL ESPLANADE	\$600,000
Total for Unfunded Pedestrian/Bicycle Connectivity:				\$2,850,000

Public Spaces & Facilities

CIP #	Phase	Year	Title	Projected Total
1352		0	BROADALBIN PROMENADE	\$350,000
1353		0	ALBANY SQUARE	\$1,000,000
1354		0	ALBANY LANDING	\$350,000
1356		0	DOWNTOWN BEAUTIFICATION	\$300,000
1357		0	AWNING PROGRAM	\$125,000
1358		0	RIVERFRONT HOUSING AREA STREETSCAPE	\$120,000
1359		0	MAIN STREET AREA STREETSCAPE	\$75,000
1360		0	SIDEWALK PROGRAM	\$250,000
1361		0	STREET TREE PLANTING	\$250,000
1362		0	HISTORIC DISTRICTS SIGNAGE	\$200,000
1363		0	DOWNTOWN PARKING AREAS	\$350,000
1364		0	GOVERNMENT CENTER PARKING STRUCTURE	\$2,000,000
1365		0	WATER AVENUE AREA PARKING STRUCTURE	\$1,500,000
1384		0	PUBLIC FACILITIES	\$550,000
Total for Unfunded Public Spaces & Facilities:				\$7,420,000

Watershed Health & Education

CIP #	Phase	Year	Title	Projected Total
1381		0	WATERSHED HEALTH	\$265,000
1382		0	RIPARIAN RESTORATION	\$50,000
1383		0	ALBANY GROVE	\$75,000
Total for Unfunded Watershed Health & Education:				\$390,000

Grand Total for Unfunded Revitalization: \$31,733,000



Stormwater

Protecting our Resources

Ready to meet the challenge

Albany receives an average annual rainfall of approximately 42 inches. During rain events it is important to have infrastructure in place to collect and transport, or potentially infiltrate, stormwater in a safe and efficient manner that protects against flooding while also minimizing environmental impacts. To accomplish this goal, it is important the City understands how the existing stormwater system performs, plan for future infrastructure needs, adapt to new regulatory requirements, and understand new methods and technologies for protecting Albany's valuable water resources.

Assessing Our System and Planning for the Future

The City recently initiated a stormwater master planning effort which will evaluate our existing system and plan for future growth. The last master plan, which was completed in 1988, did not include North Albany and does not reflect current stormwater management practices, the current level of development within the community, or current regulatory requirements. When the plan is completed, a comprehensive project list will be added to this section of the CIP. However, without a dedicated funding source, it is likely the majority of the projects will be unfunded.

Significant Regulatory Requirements Ahead

One of the stormwater challenges the City is faced with is how to respond to new and upcoming regulatory requirements. In September 2006 the Department of Environmental Quality (DEQ) issued a Willamette River Basin Total Maximum Daily Load (TMDL) Order. The TMDL is a regulatory mechanism required under the Federal Clean Water Act for streams that do not meet water quality standards. It places requirements on cities and other government agencies to reduce pollutant loadings to the Willamette River and its tributaries. In June 2008 the City received approval of our five-year plan for complying with the Willamette River TMDL. To comply with the approved plan, the City will need to make significant changes to our stormwater management practices within the five-year window of this CIP. As new programs, development requirements, and engineering standards are developed, any required capital projects will be identified and shown in future CIPs.

Within the next three years it is also anticipated that Albany will be required to obtain a municipal permit for stormwater runoff, called a National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) permit. These permits are issued by DEQ and required under the Federal Clean Water Act. Primarily, permit compliance will require changes to construction and maintenance practices, public outreach, and the adoption of post-construction water quality improvements on new development activities. However, if investments in infrastructure are determined to be necessary for permit compliance, they will be shown in this section of the CIP.

The Funding Challenge

Unlike the street, wastewater, and water utilities, the City of Albany does not currently have dedicated

funding sources for stormwater management and maintenance activities. As a result, when improvements, evaluations, or maintenance activities are required, funds aimed at other utilities are redirected to stormwater. As the City moves forward with improving our stormwater management practices and more stormwater regulatory requirements are developed, a long-term funding strategy will need to be identified. The creation of a stormwater utility fee has been discussed in the past but has not been implemented due to a concern of overburdening citizens with utility fees.

Following completion of the master planning effort discussed above, Council can consider implementing a stormwater System Development Charge (SDC). This SDC could be used as a component of a stormwater funding methodology.

Fixing the Problems

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 protecting water quality.
- Projects needed to maintain capacity and reliability of critical system components needed to protect against flooding
- Projects related to street improvements.

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	2010	2011	2012	2013	2014	TOTAL
Sewer Rates/Operating Revenues	\$122,000	\$0	\$0	\$0	\$0	\$122,000
Street Capital Reserves	\$463,000	\$0	\$0	\$0	\$0	\$463,000
GRAND TOTALS:	\$585,000	\$0	\$0	\$0	\$0	\$585,000

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: 2009 - 2010		
1958	STORMWATER MASTER PLAN	\$300,000
1959	UMATILLA STREET CULVERT REPLACEMENT	\$285,000
Total for FY 2009 - 2010		\$585,000
Grand Total for Stormwater:		\$585,000

Plan FY: 2009-2010 STORMWATER MASTER PLAN

CIP Project #: 1958

Master Plan: Stormwater Master Plan **Plan Element:**
Category: Stormwater **Classification:**
Department: Public Works Department

Total Cost: \$300,000

This project will complete a new stormwater master plan for the City. The last stormwater master plan was completed in 1988 and did not include North Albany. Typically, master plans are completed on 10-year cycles to keep pace with the level of development, current regulatory requirements, current engineering standards, and in this case, storm water quality strategies.

Operating Budget Impact: The development of master plan will not impact the operating budget.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
601-50-2500	SEWER RATES/OPERATING REVENUES	\$122,000
250-50-2700	STREET CAPITAL RESERVES	\$178,000
	Total:	<hr/> \$300,000

Plan FY: 2009-2010 UMATILLA STREET CULVERT REPLACEMENT

CIP Project #: 1959

Master Plan: Stormwater Master Plan **Plan Element:**
Category: Stormwater **Classification:**
Department: Public Works Department

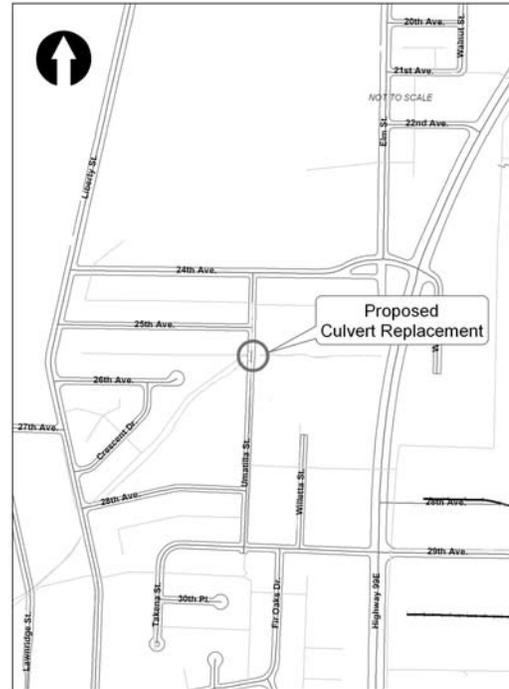
Total Cost: \$285,000

This project will provide for an engineering analysis and likely replacement of the Umatilla Street Culvert. The Umatilla Street Culvert appears to be under sized and constructed at the wrong elevation. During high flows, storm water backs up the Cathey Creek channel and surcharges the Elm Street storm drain system. This surcharging leads to flooding in the vicinity of Queen Avenue and Elm Street. The engineering analysis is intended to verify that replacing the Umatilla Street Culvert will not simply shift a drainage problem to further downstream on Cathey Creek. Additionally, if the culvert is replaced, several catch basins within this drainage basin can potentially be disconnected from the sewer system and rerouted to the storm system.

Operating Budget Impact: This project should reduce long term maintenance costs by reduced responses to flooding.

Funding Sources For This Project:

<u>Activity</u> <u>Funding Source</u>	<u>Projected Amount</u>
250-50-2700 STREET CAPITAL RESERVES	\$285,000
Total:	\$285,000





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 \$375,000. 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 with which the Council is comfortable moving forward has yet to be worked out.

Short Term Boost

The American Recovery and Reinvestment Act signed by President Obama in February provided some one-time funding for transportation projects. The funding was geared toward projects that could be bid in a



short time frame while meeting all federal funding requirements. The City received an allotment of just over \$1 million for roadway improvements. The City applied for and received an additional \$650,000 for improvements to the Albany Station park and ride lot. These one-time funding sources provide a boost to the City's transportation system funding and allow us to complete some important projects that would not have been funded otherwise.

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. 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. There may be some transportation improvements identified in the new TSP that will be implemented within the five-year window of this CIP.

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 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	2010	2011	2012	2013	2014	TOTAL
Economic Development	\$35,000	\$0	\$0	\$0	\$0	\$35,000
Federal Grants	\$315,000	\$0	\$0	\$0	\$0	\$315,000
Federal Stimulus Funds	\$1,694,000	\$0	\$0	\$0	\$0	\$1,694,000
Local Improvement District	\$4,695,000	\$0	\$0	\$0	\$0	\$4,695,000
North Albany Street Improvement	\$0	\$0	\$307,000	\$0	\$0	\$307,000
SDC – Improvement – Transportation	\$0	\$110,000	\$0	\$0	\$0	\$110,000
SDC – Improvement – Water	\$96,000	\$0	\$0	\$0	\$0	\$96,000
State Highway Fund (Gas Tax)	\$171,000	\$0	\$0	\$0	\$0	\$171,000
State of Oregon	\$0	\$845,000	\$0	\$0	\$1,277,000	\$2,122,000
Street Capital Reserves	\$40,000	\$394,000	\$40,000	\$40,000	\$562,000	\$1,076,000
GRAND TOTALS:	\$7,046,000	\$1,349,000	\$347,000	\$40,000	\$1,839,000	\$10,621,000

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: 2009 - 2010			
1802		BICYCLE AND PEDESTRIAN IMPROVEMENT GRANT MATCH	\$40,000
1930		COLUMBUS STREET BRIDGE REPAIR	\$171,000
1953		AIRPORT MASTER PLAN UPDATE & ENVIRONMENTAL ASSESSMENT	\$350,000
1956		FEDERAL STIMULUS OVERLAY PROJECTS	\$1,044,000
1957	1	SOMERSET DRIVE AND BRANDIS STREET (GAPS) LID #1	\$2,100,000
1957	2	SOMERSET DRIVE AND BRANDIS STREET (GAPS) LID #2	\$2,691,000
1960		ALBANY STATION PARK AND RIDE - FEDERAL STIMULUS PROJECT	\$650,000
Total for FY 2009 - 2010			\$7,046,000
Plan Year: 2010 - 2011			
1860		BICYCLE AND PEDESTRIAN IMPROVEMENT GRANT MATCH	\$40,000
1908		JACKSON STREET RECONSTRUCTION	\$1,309,000
Total for FY 2010 - 2011			\$1,349,000
Plan Year: 2011 - 2012			
1907		BICYCLE AND PEDESTRIAN IMPROVEMENT GRANT MATCH	\$40,000
1949		GIBSON HILL ROAD SIDEWALK IMPROVEMENTS - PHASE A	\$307,000
Total for FY 2011 - 2012			\$347,000
Plan Year: 2012 - 2013			
1927		BICYCLE AND PEDESTRIAN IMPROVEMENT GRANT MATCH	\$40,000
Total for FY 2012 - 2013			\$40,000
Plan Year: 2013 - 2014			
1002	6	HILL ST, QUEEN TO 24TH AVENUE	\$1,799,000
1948		BICYCLE AND PEDESTRIAN IMPROVEMENT GRANT MATCH	\$40,000
Total for FY 2013 - 2014			\$1,839,000
Grand Total for Transportation:			\$10,621,000

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: \$171,000

The City of Albany's Columbus Street Bridge over the Santiam-Albany Canal has been the subject of a recent structural inspection indicating portions of the structure are in need of repair. The study determined 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)	\$171,000
Total:		\$171,000



Plan FY: 2009-2010 AIRPORT MASTER PLAN UPDATE & ENVIRONMENTAL ASSESSMENT

CIP Project #: 1953

Master Plan: Airport Master Plan
Category: Transportation
Department: Public Works Department

Plan Element:
Classification: Airport

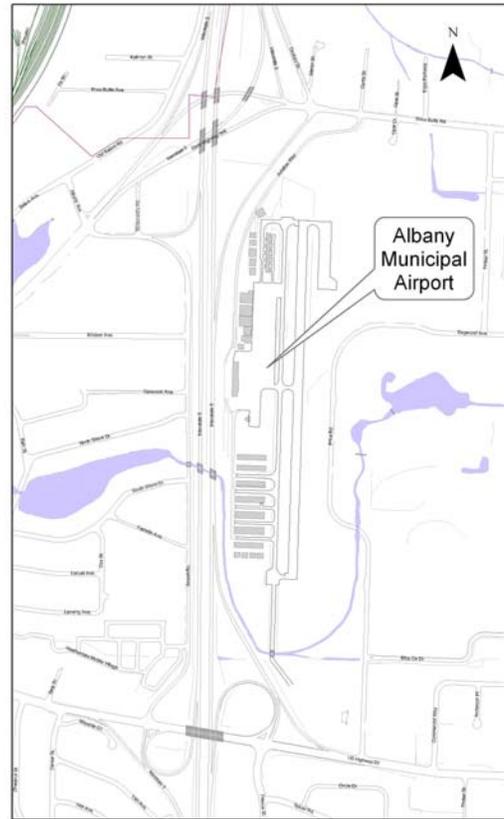
Total Cost: \$350,000

This project will update the City's Airport Master Plan and complete an Environmental Assessment for future runway extensions.

Operating Budget Impact: None.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
	FEDERAL GRANTS	\$315,000
211-16-1103	ECONOMIC DEVELOPMENT	\$35,000
	Total:	\$350,000



Plan FY: 2009-2010 FEDERAL STIMULUS OVERLAY PROJECTS

CIP Project #: 1956

Master Plan: Transportation Master Plan **Plan Element:**
Category: Transportation **Classification:** Pavement Preservation
Department: Public Works Department

Total Cost: \$1,044,000

This project uses federal stimulus money to overlay a group of streets, within the allowable categories of collector or higher, with favorable Pavement Condition Index's for overlays. The locations include: Salem Avenue from Sherman Street to the Union Pacific Railroad, Geary Street from Front Avenue to 6th Avenue, Liberty Street from Queen Avenue to 24th Avenue, Waverly Drive from Pacific Boulevard to Santiam Highway, Waverly Drive from Queen Avenue to Grand Prairie Road, and Queen Avenue from 200 feet west of Pacific Boulevard to Marion Street.

Operating Budget Impact: This project will reduce long term maintenance costs by extending the life of the existing pavement system.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
	FEDERAL STIMULUS FUNDS	\$1,044,000
	Total:	\$1,044,000

Plan FY: 2009-2010 SOMERSET DRIVE AND BRANDIS STREET (GAPS) LID #1

CIP Project #: 1957 Phase: 1

Master Plan: Transportation Master Plan **Plan Element:**
Category: Transportation **Classification:** New Construction
Department: Public Works Department

Total Cost: \$2,100,000

This project will complete the first of two LIDs created to serve the Brandis properties and the new 3-8 school site north of Knox Butte Road by constructing street and storm drain improvements for an extension of Somerset Drive and a portion of Brandis Street. Sewer and water utilities were installed in summer 2008 and those costs are not included in this estimate.

Operating Budget Impact: This project will increase long term maintenance costs by constructing new facilities.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
	LOCAL IMPROVEMENT DISTRICT	\$2,100,000
Total:		\$2,100,000

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
1	2010	SOMERSET DRIVE AND BRANDIS STREET (GAPS) LID #1	Transportation	\$2,100,000
2	2010	SOMERSET DRIVE AND BRANDIS STREET (GAPS) LID #2	Transportation	\$2,691,000
Grand Total - All Related Projects:				\$4,791,000



Plan FY: 2009-2010 SOMERSET DRIVE AND BRANDIS STREET (GAPS) LID #2

CIP Project #: 1957 Phase: 2

Master Plan: Transportation Master Plan

Plan Element:

Category: Transportation

Classification: New Construction

Department: Public Works Department

SDC

Total Cost: \$2,691,000

This project will complete the second of two LIDs created to serve the Brandis properties and the new 3-8 school site north of Knox Butte Road. Improvements include street, storm drain, sewer, and water improvements necessary to construct the remaining portion of Brandis Street between the school site and Knox Butte Road. A round-a-bout will be provided at the intersection of Knox Butte Road and Brandis Street. The design will be completed in Fiscal Year 2009-10 with construction anticipated in Fiscal Year 2010-11.

Operating Budget Impact: This project will increase long term maintenance costs by constructing new facilities.



Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
	SDC - IMPROVEMENT - WATER	\$96,000
	LOCAL IMPROVEMENT DISTRICT	\$2,595,000
	Total:	\$2,691,000

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
1	2010	SOMERSET DRIVE AND BRANDIS STREET (GAPS) LID #1	Transportation	\$2,100,000
2	2010	SOMERSET DRIVE AND BRANDIS STREET (GAPS) LID #2	Transportation	\$2,691,000
Grand Total - All Related Projects:				\$4,791,000

Plan FY: 2009-2010 ALBANY STATION PARK AND RIDE - FEDERAL STIMULUS PROJECT
CIP Project #: 1960

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

Total Cost: \$650,000

This project utilizes the Federal Stimulus funds allocated to this project by the Oregon Transportation Committee. The project will expand the existing park and ride lot at Albany Station by approximately 30 parking spaces and provide for additional bus shelters and bike lockers. This project was selected for funding because of its shovel ready status and because of the benefit to the state of Oregon by expanding a Multimodal Facility that is heavily used by four separate transit agencies and Amtrack. Public park and ride usage reduces trip generation on the state highway system. The facility will improve efficiency and safety of the transportation system by providing a centralized transfer point for public transit and passenger rail users.

Operating Budget Impact: Because this project is creating new facilities, new maintenance activities will be required.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
	FEDERAL STIMULUS FUNDS	\$650,000
	Total:	\$650,000

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 STREET CAPITAL RESERVES	\$40,000
Total:	\$40,000

Plan FY: 2010-2011 JACKSON STREET RECONSTRUCTION

CIP Project #: 1908

Master Plan: Transportation Master Plan
Category: Transportation
Department: Public Works Department

Plan Element:
Classification: Street Reconstruction/Improvements

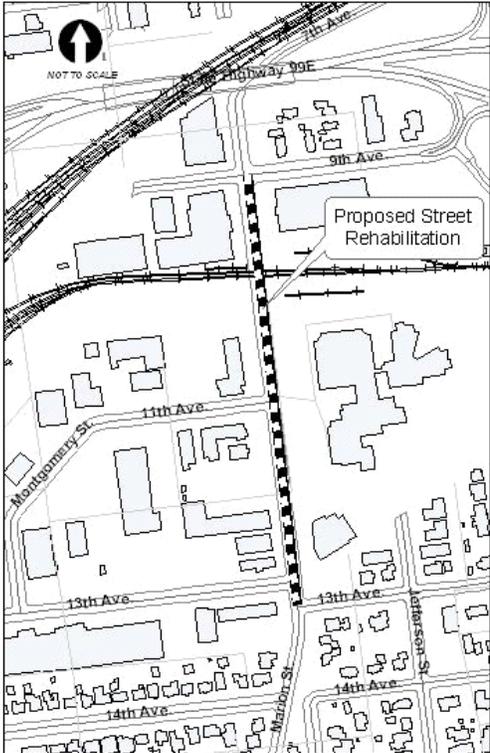
SDC

Total Cost: \$1,309,000

This project includes full street reconstruction of Jackson Street between 7th Avenue and 13th Avenue. The existing pavement and curbs are in poor condition due to heavy truck traffic.

This project will also add bike lanes to this section of Jackson Street. To accommodate the new bike lanes and meet City Council's direction to maintain parking on both sides of Jackson Street, the roadway will be widened approximately six feet on one side and the planter strip eliminated. The widening portion of the project is Transportation SDC eligible.

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>
250-50-2702SDC - IMPROVEMENT - TRANSPORTATION	\$110,000
250-50-2700STREET CAPITAL RESERVES	\$354,000
250-50-2700STATE OF OREGON	\$845,000
Total:	\$1,309,000

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

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 STREET CAPITAL RESERVES	\$40,000
Total:	\$40,000

Plan FY: 2013-2014 HILL ST, QUEEN TO 24TH AVENUE**CIP Project #: 1002 Phase: 6**

Master Plan: Transportation Master Plan **Plan Element:**
Category: Transportation **Classification:** Pavement Preservation
Department: Public Works Department

Total Cost: \$1,799,000

This street reconstruction project will provide two travel lanes, bike lanes, and on-street parking on both sides. The existing street is heavily deteriorated due to age.

Operating Budget Impact: This project will reduce maintenance costs over the long term by reducing the amount of temporary patching and other maintenance of the deteriorated pavement..

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
250-50-2700	STATE OF OREGON	\$1,277,000
250-50-2700	STREET CAPITAL RESERVES	\$522,000
Total:		\$1,799,000

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
1	2014	HILL STREET: QUEEN TO 24TH AVENUE	Water	\$854,000
6	2014	HILL ST, QUEEN TO 24TH AVENUE	Transportation	\$1,799,000
Grand Total - All Related Projects:				\$2,653,000

Plan FY: 2013-2014 BICYCLE AND PEDESTRIAN IMPROVEMENT GRANT MATCH

CIP Project #: 1948

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 STREET CAPITAL RESERVES	\$40,000
Total:	\$40,000

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
1879	0	0	LANDSCAPE FBO FRONTAGE	\$224,000
1880	0	0	SEWER EXTENSION TO NORTH HANGERS	\$612,000
1881	0	0	RUNWAY 34 SAFETY OVERRUN PROTECTION	\$327,000
1954	0	0	RUNWAY 16-34 EXTENSION	\$1,350,000
1955	0	0	AWOS	\$300,000
1926	2010	0	ALBANY AIRPORT SEWER EXTENSION	\$200,000
Total for Unfunded Airport:				\$3,671,000

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	\$3,270,000
1793	2	0	TIMBER STREET IMPROVEMENTS	\$4,360,000
1794		0	EAST I-5, SOUTH	\$6,867,000

CIP #	Phase	Year	Title	Projected Total
Total for Unfunded Miscellaneous - Transportation:				\$15,776,000

New Construction

CIP #	Phase	Year	Title	Projected Total
1118		0	MAJOR AND MINOR COLLECTORS IN EAST ALBANY	\$64,420,000
1119		0	FESCUE ST EXTENSION, SPICER TO FESCUE & SOUTH OF FESCUE TO THREE LAKES ROAD	\$8,950,000
1121		0	GOLDFISH FARM ROAD EXTENSION, SOUTH TO SPICER DR	\$4,228,000
1122		0	MAJOR COLLECTOR, SPICER DR TO GOLDFISH FARM ROAD	\$4,374,000
1123		0	DUNLAP AVENUE, CENTURY DR TO NEW MAJOR COLLECTOR	\$2,705,000
1124		0	MAJOR COLLECTOR, DUNLAP AVENUE TO KNOX BUTTE ROAD	\$4,374,000
1126		0	PRINCIPAL ARTERIAL IN SOUTH ALBANY, PACIFIC BLVD/SR 99E TO LOCHNER ROAD	\$14,794,000
1127		0	LOCHNER ROAD EXTENSION, SOUTH TO UGB (FOR EVENTUAL CONNECTION TO BETA DR OUTSIDE UGB)	\$1,776,000
1128		0	MAJOR COLLECTOR IN SOUTH ALBANY, LOCHNER ROAD TO COLUMBUS ST	\$7,956,000
1129		0	LOONEY LN EXTENSION, SOUTH TO ALLEN LN	\$2,458,000
1130		0	BETA DR, PACIFIC BLVD/SR 99E TO UGB (FOR EVENTUAL CONNECTION TO LOCHNER ROAD EXTENSION, OUTSIDE UGB)	\$4,773,000
1134		0	ELLINGSON ROAD, COLUMBUS TO I-5 FUTURE ALIGNMENT	\$2,841,000
1136		0	MINOR COLLECTOR BETWEEN FESCUE AND THREE LAKES ROAD	\$1,969,000
1137		0	PACIFIC BLVD/SR 99E AND WAVERLY DR	\$923,000
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	\$4,448,000
Total for Unfunded New Construction:				\$132,632,000

Pavement Preservation

CIP #	Phase	Year	Title	Projected Total
1049		0	GEARY ST, FRONT AVENUE TO 14TH AVENUE (EXCEPT 7TH TO 9TH: PART OF COUPLET)	\$1,752,000
1053		0	US 20, JUNIPER LN TO BLOSSOM LN	\$895,000
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:				\$3,139,000

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
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

Capital Improvement Program 2010-2014

CIP #	Phase	Year	Title	Projected Total
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	\$170,000
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	\$349,000
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	\$153,000
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
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
1950		0	GIBSON HILL ROAD SIDEWALK IMPROVEMENTS - PHASE B	\$300,000
1951		0	GIBSON HILL ROAD SIDEWALK IMPROVEMENTS - PHASE C	\$275,000
1952		0	GIBSON HILL ROAD SIDEWALK IMPROVEMENTS - PHASE D	\$160,000
Total for Unfunded Pedestrian & Bikeway:				\$3,447,000

Street Reconstruction/Improvements

CIP #	Phase	Year	Title	Projected Total
1002	7	0	HILL ST, 24TH TO 28TH AVENUE	\$855,000
1002	8	0	HILL ST, 28TH TO 34TH AVENUE	\$1,038,000
1009		0	PACIFIC BOULEVARD/SR 99E AND QUEEN AVENUE	\$2,131,000
1011		0	US 20/SANTIAM HIGHWAY AND WAVERLY DR	\$2,870,000
1013		0	MAIN STREET INTERSECTIONS WITH 1ST AVENUE, 2ND AVENUE, SALEM AVENUE, SANTIAM ROAD	\$3,346,000
1014		0	US 20 AND NW SCENIC DR	\$57,000
1015		0	7TH AVENUE, HILL ST TO MAIN ST	\$207,000
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	\$1,691,000
1021		0	COLUMBUS ST, WAVERLY DR TO ALBANY UGB	\$4,287,000
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	\$6,404,000
1025		0	NW GIBSON HILL ROAD, NW SCENIC DR TO NW CROCKER LN	\$2,812,000
1026		0	GOLDFISH FARM ROAD, KNOX BUTTE ROAD TO US 20/SANTIAM HIGHWAY	\$7,309,000
1027		0	GRAND PRAIRIE ROAD, WEST OF I-5 TO ALBANY UGB	\$5,200,000
1028		0	KNOX BUTTE ROAD, CENTURY DRIVE TO TIMBER ST	\$450,000
1029		0	KNOX BUTTE ROAD, TIMBER STREET TO ALBANY UGB	\$11,507,000
1030		0	LOCHNER ROAD, MARION STREET TO ELLINGSON ROAD	\$12,781,000
1031		0	MAIN ST, SANTIAM ROAD TO 7TH AVE	\$967,000
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	\$2,306,000
1034		0	NW SCENIC DR, APPROX. 2800' SOUTH OF NW GIBSON HILL ROAD TO NORTHERLY ALBANY UGB	\$3,708,000
1035		0	SCRAVEL HILL ROAD, ALBANY UGB TO REALIGNED SEGMENT	\$11,246,000
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	\$4,268,000
1039		0	NW SPRING HILL DRIVE, NW HICKORY ROAD TO ALBANY UGB	\$1,757,000
1041		0	THREE LAKES ROAD, SPICER DRIVE TO ALBANY UGB, NOT INCLUDING SEGMENT TO BE REALIGNED (PROJECT 213)	\$9,845,000
1042		0	US 20/SANTIAM HIGHWAY, PRICE ROAD TO GOLDFISH FARM ROAD	\$170,000
1043		0	US 20/SANTIAM HIGHWAY, GOLDFISH FARM ROAD TO ALBANY UGB	\$4,519,000
1044		0	NW VALLEY VIEW DR, NW SCENIC DR TO NW CROCKER LANE	\$2,002,000
1045		0	NW WEST THORNTON LAKE DR, NW NORTH ALBANY ROAD TO NW EDGEWOOD DR	\$3,371,000
1046		0	KENNEL ROAD, HWY 20 TO ALBANY UGB	\$268,000
1056		0	NW GIBSON HILL ROAD, NW CROCKER LN TO NORTH ALBANY ROAD	\$3,338,000
1057		0	NW PINEVIEW DR AND NW SCENIC DR	\$142,000
1131		0	THREE LAKES ROAD REALIGNMENT	\$2,611,000
1132		0	OAK GROVE ROAD REALIGNMENT	\$465,000
1133		0	SCRAVEL HILL ROAD REALIGNMENT	\$3,760,000
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	\$1,709,000
1151		0	NW NORTH ALBANY ROAD AND WEST THORNTON LAKE DR	\$1,703,000
1159		0	GEARY ST, 9TH AVENUE TO QUEEN AVE	\$3,212,000
1160		0	US 20, NW SCENIC DR TO NW NORTH ALBANY ROAD	\$12,708,000
1161		0	WAVERLY DR, QUEEN AVENUE TO GRAND PRAIRIE ROAD	\$2,397,000
1162		0	KNOX BUTTE INTERCHANGE (AKA NORTH ALBANY INTERCHANGE)	\$4,972,000
1163		0	SANTIAM INTERCHANGE	\$35,516,000
1164		0	INTERSTATE 5 MAINLINE, ALBANY NORTH CITY LIMITS TO SANTIAM INTERCHANGE	\$17,872,000
1443	1	0	OAK STREET, 9TH AVENUE TO QUEEN AVENUE	\$2,146,000
1652		0	SHORT RIDGE – HIGHWAY 20 TO 16TH AVENUE	\$411,000
1653		0	37TH AVENUE – HIGHWAY 99 TO WEST END	\$359,000
1857		0	QUEEN AVENUE STREET REHABILITATION	\$771,000

Capital Improvement Program 2010-2014

CIP #	Phase	Year	Title	Projected Total
Total for Unfunded Street Reconstruction/Improvements:				\$204,917,000

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	\$1,635,000
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:				\$2,655,000

Grand Total for Unfunded Transportation: \$367,031,000

Wastewater

Meeting Environmental Challenges

The largest public works project in Albany's history is online

Expansion of the wastewater treatment plant was 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 expansion project will also provide added capacity to accommodate growth in the Albany/Millersburg service area.

Funding for the project is 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.

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 90 percent complete, with excavation, utility relocation, and construction of major process unit structures completed. Remaining work involves, completing installation of 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 in early 2009.

The second phase of the project involves construction of solids handling improvements and is expected to be substantially complete in Summer 2009. Final project 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. When completed, the new facility will be known as the "*Albany-Millersburg Water Reclamation Facility*" to reflect shared investments with the City of Millersburg and emphasize treated and reclaimed wastewater as a resource.

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 stormwater connections are all factors leading 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. Currently the City is performing spot repairs on the most critical problems. The pipe replacement program will be reinstated when funding becomes available which will most likely be when the large treatment, lift station, and interceptor projects are completed.

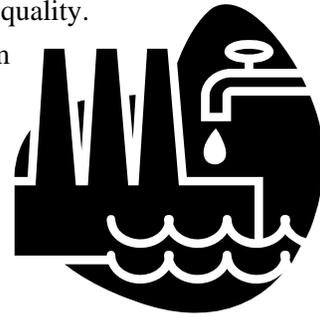
Fixing the Problems

The City Council has adopted a Wastewater Master Plan and a Wastewater Financial Plan to begin addressing 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	2010	2011	2012	2013	2014	TOTAL
SDC – Improvement – Sewer	\$0	\$166,000	\$0	\$0	\$794,000	\$960,000
Sewer Rates/Operating Revenues	\$545,000	\$756,000	\$545,000	\$545,000	\$6,107,000	\$8,498,000
GRAND TOTALS:	\$545,000	\$922,000	\$545,000	\$545,000	\$6,901,000	\$9,458,000

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: 2009 - 2010			
1228		LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1742		INFLOW REDUCTION PROGRAM	\$150,000
1744	2	WATER RECLAMATION FACILITY PROPERTY ACQUISITION	\$175,000
Total for FY 2009 - 2010			\$545,000
Plan Year: 2010 - 2011			
1229		LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1744	3	WATER RECLAMATION FACILITY PROPERTY ACQUISITION	\$175,000
1754		INFLOW REDUCTION PROGRAM	\$150,000
1944		LAWNDALE SEWER RELOCATION	\$377,000
Total for FY 2010 - 2011			\$922,000
Plan Year: 2011 - 2012			
1230		LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1744	4	WATER RECLAMATION FACILITY PROPERTY ACQUISITION	\$175,000
1755		INFLOW REDUCTION PROGRAM	\$150,000
Total for FY 2011 - 2012			\$545,000
Plan Year: 2012 - 2013			
1231		LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1744	5	WATER RECLAMATION FACILITY PROPERTY ACQUISITION	\$175,000
1756		INFLOW REDUCTION PROGRAM	\$150,000
Total for FY 2012 - 2013			\$545,000
Plan Year: 2013 - 2014			
1232		LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1630		OAK CREEK LIFT STATION AND FORCE MAIN IMPROVEMENTS	\$6,356,000
1744	6	WATER RECLAMATION FACILITY PROPERTY ACQUISITION	\$175,000
1757		INFLOW REDUCTION PROGRAM	\$150,000
Total for FY 2013 - 2014			\$6,901,000
Grand Total for Wastewater:			\$9,458,000

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>
601-50-2500SEWER RATES/OPERATING REVENUES	\$220,000
Total:	\$220,000

Plan FY: 2009-2010 INFLOW REDUCTION PROGRAM

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, parking lot catch basins, and other surface drainage 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 WATER RECLAMATION FACILITY 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: \$175,000

This project represents an annual allowance for acquisition of property adjacent to the Wastewater Treatment Plant site as it becomes available. Additional property will be required for future plant and Public Works facility 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	\$175,000
Total:	\$175,000

Related Projects:

<u>Phase</u> <u>Year</u> <u>Title</u>	<u>Category</u>	<u>Projected Total</u>
2 2010 WATER RECLAMATION FACILITY PROPERTY ACQUISITION	Wastewater	\$175,000
3 2011 WATER RECLAMATION FACILITY PROPERTY ACQUISITION	Wastewater	\$175,000
4 2012 WATER RECLAMATION FACILITY PROPERTY ACQUISITION	Wastewater	\$175,000
5 2013 WATER RECLAMATION FACILITY PROPERTY ACQUISITION	Wastewater	\$175,000
6 2014 WATER RECLAMATION FACILITY PROPERTY ACQUISITION	Wastewater	\$175,000
Grand Total - All Related Projects:		\$875,000

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>
601-50-2500SEWER RATES/OPERATING REVENUES	\$220,000
Total:	\$220,000

Plan FY: 2010-2011 WATER RECLAMATION FACILITY PROPERTY ACQUISITION

CIP Project #: 1744 Phase: 3

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

Total Cost: \$175,000

This project represents an annual allowance for acquisition of property adjacent to the Wastewater Treatment Plant site as it becomes available. Additional property will be required for future plant and Public Works facility 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	\$175,000
Total:	\$175,000

Related Projects:

<u>Phase</u> <u>Year</u> <u>Title</u>	<u>Category</u>	<u>Projected Total</u>
2 2010 WATER RECLAMATION FACILITY PROPERTY ACQUISITION	Wastewater	\$175,000
3 2011 WATER RECLAMATION FACILITY PROPERTY ACQUISITION	Wastewater	\$175,000
4 2012 WATER RECLAMATION FACILITY PROPERTY ACQUISITION	Wastewater	\$175,000
5 2013 WATER RECLAMATION FACILITY PROPERTY ACQUISITION	Wastewater	\$175,000
6 2014 WATER RECLAMATION FACILITY PROPERTY ACQUISITION	Wastewater	\$175,000
Grand Total - All Related Projects:		\$875,000

Plan FY: 2010-2011 INFLOW REDUCTION PROGRAM

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, parking lot catch basins, and other surface drainage 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: 2010-2011 LAWNSDALE SEWER RELOCATION

CIP Project #: 1944

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

Plan Element: E7
Classification: Lift Stations

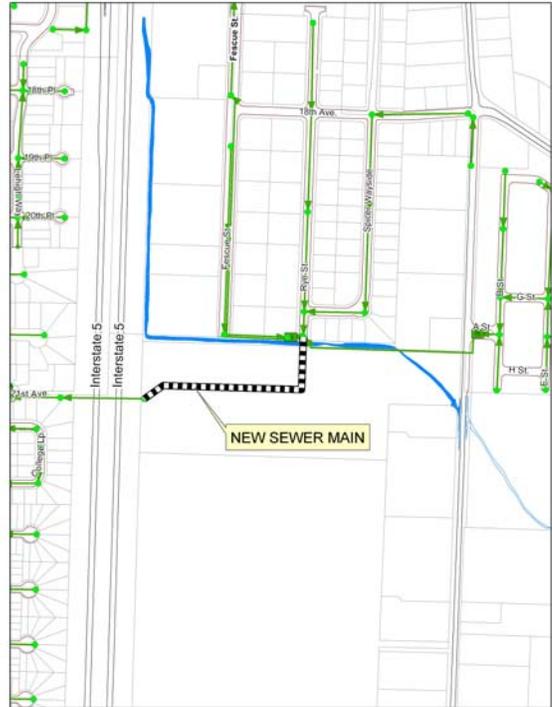
SDC

Total Cost: \$377,000

This project will construct approximately 1,000 linear feet of new 10-inch and 21-inch diameter sewer mains from the east side of Interstate 5 to the Lawnsdale sewer lift station. The existing force main directs flow into the Cox Creek Interceptor, which is both in a different sewer basin and undersized. Construction of the new gravity line will free up additional sewer capacity in the Cox Creek Interceptor basin.

Funding Sources For This Project:

<u>Activity</u> <u>Funding Source</u>	<u>Projected Amount</u>
601-50-2502SDC - IMPROVEMENT - SEWER	\$166,000
601-50-2500SEWER RATES/OPERATING REVENUES	\$211,000
Total:	\$377,000



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 WATER RECLAMATION FACILITY PROPERTY ACQUISITION

CIP Project #: 1744 Phase: 4

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

Total Cost: \$175,000

This project represents an annual allowance for acquisition of property adjacent to the Wastewater Treatment Plant site as it becomes available. Additional property will be required for future plant and Public Works facility 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	\$175,000
Total:	\$175,000

Related Projects:

<u>Phase</u> <u>Year</u> <u>Title</u>	<u>Category</u>	<u>Projected Total</u>
2 2010 WATER RECLAMATION FACILITY PROPERTY ACQUISITION	Wastewater	\$175,000
3 2011 WATER RECLAMATION FACILITY PROPERTY ACQUISITION	Wastewater	\$175,000
4 2012 WATER RECLAMATION FACILITY PROPERTY ACQUISITION	Wastewater	\$175,000
5 2013 WATER RECLAMATION FACILITY PROPERTY ACQUISITION	Wastewater	\$175,000
6 2014 WATER RECLAMATION FACILITY PROPERTY ACQUISITION	Wastewater	\$175,000
Grand Total - All Related Projects:		\$875,000

Plan FY: 2011-2012 INFLOW REDUCTION PROGRAM

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, parking lot catch basins, and other surface drainage 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>
601-50-2500SEWER RATES/OPERATING REVENUES	\$220,000
Total:	\$220,000

Plan FY: 2012-2013 WATER RECLAMATION FACILITY PROPERTY ACQUISITION

CIP Project #: 1744 Phase: 5

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

Total Cost: \$175,000

This project represents an annual allowance for acquisition of property adjacent to the Wastewater Treatment Plant site as it becomes available. Additional property will be required for future plant and Public Works facility 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	\$175,000
Total:	\$175,000

Related Projects:

<u>Phase</u> <u>Year</u> <u>Title</u>	<u>Category</u>	<u>Projected Total</u>
2 2010 WATER RECLAMATION FACILITY PROPERTY ACQUISITION	Wastewater	\$175,000
3 2011 WATER RECLAMATION FACILITY PROPERTY ACQUISITION	Wastewater	\$175,000
4 2012 WATER RECLAMATION FACILITY PROPERTY ACQUISITION	Wastewater	\$175,000
5 2013 WATER RECLAMATION FACILITY PROPERTY ACQUISITION	Wastewater	\$175,000
6 2014 WATER RECLAMATION FACILITY PROPERTY ACQUISITION	Wastewater	\$175,000
Grand Total - All Related Projects:		\$875,000

Plan FY: 2012-2013 INFLOW REDUCTION PROGRAM

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, parking lot catch basins, and other surface drainage 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: 2013-2014 LATERAL REPLACEMENT & BASEMENT PROTECTION

CIP Project #: 1232

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: 2013-2014 OAK CREEK LIFT STATION AND FORCE MAIN IMPROVEMENTS

CIP Project #: 1630

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

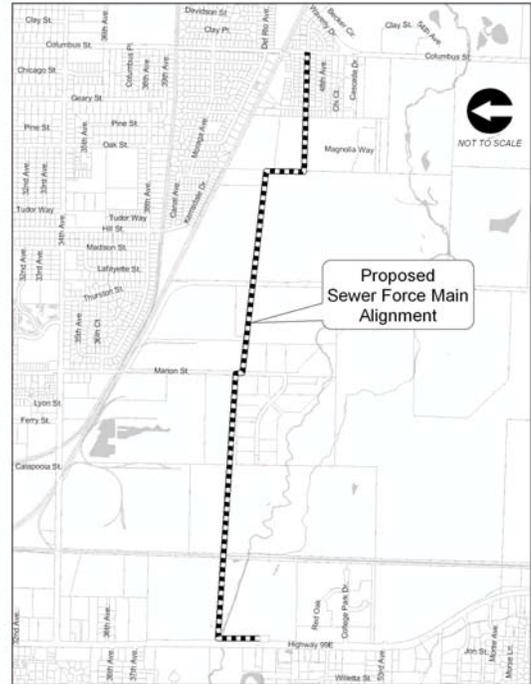
Plan Element:
Classification: Lift Stations

SDC

Total Cost: \$6,356,000

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. 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.

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 a 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>
601-50-2502	SDC - IMPROVEMENT - SEWER	\$794,000
601-50-2500	SEWER RATES/OPERATING REVENUES	\$5,562,000
Total:		\$6,356,000

Plan FY: 2013-2014 WATER RECLAMATION FACILITY PROPERTY ACQUISITION

CIP Project #: 1744 Phase: 6

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

Total Cost: \$175,000

This project represents an annual allowance for acquisition of property adjacent to the Wastewater Treatment Plant site as it becomes available. Additional property will be required for future plant and Public Works facility 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>
601-50-2500	SEWER RATES/OPERATING REVENUES	\$175,000
Total:		\$175,000

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
2	2010	WATER RECLAMATION FACILITY PROPERTY ACQUISITION	Wastewater	\$175,000
3	2011	WATER RECLAMATION FACILITY PROPERTY ACQUISITION	Wastewater	\$175,000
4	2012	WATER RECLAMATION FACILITY PROPERTY ACQUISITION	Wastewater	\$175,000
5	2013	WATER RECLAMATION FACILITY PROPERTY ACQUISITION	Wastewater	\$175,000
6	2014	WATER RECLAMATION FACILITY PROPERTY ACQUISITION	Wastewater	\$175,000
Grand Total - All Related Projects:				\$875,000

Plan FY: 2013-2014 INFLOW REDUCTION PROGRAM

CIP Project #: 1757

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, parking lot catch basins, and other surface drainage 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

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	\$2,255,000
1253		0	47TH AVENUE COLLECTOR: UPSIZE LINE FROM COLUMBUS STREET UPSTREAM TO END OF GRAVITY LINE	\$852,000
1724		0	28TH AVENUE COLLECTOR REPLACEMENT	\$712,000
1770		0	SOUTH LEG OF THE COX CREEK INTERCEPTOR	\$1,793,000
1771		0	NORTH LEG OF THE COX CREEK INTERCEPTOR	\$657,000
1249	1	2015	COX CREEK INTERCEPTOR: WWTP TO BAIN STREET	\$1,971,000
1249	2	2016	COX CREEK INTERCEPTOR: BAIN STREET TO PRICE ROAD	\$2,724,000
Total for Unfunded Interceptors/Collectors:				\$10,964,000

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	\$710,000
1753		0	CHARLOTTE STREET LIFT STATION REMOVAL	\$142,000
Total for Unfunded Lift Stations:				\$2,131,000

Miscellaneous - Wastewater

CIP #	Phase	Year	Title	Projected Total
1233		2015	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1758		2015	INFLOW REDUCTION PROGRAM	\$150,000
1234		2016	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1759		2016	INFLOW REDUCTION PROGRAM	\$150,000
1235		2017	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1760		2017	INFLOW REDUCTION PROGRAM	\$150,000
1236		2018	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1761		2018	INFLOW REDUCTION PROGRAM	\$150,000
1237		2019	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1762		2019	INFLOW REDUCTION PROGRAM	\$150,000
1238		2020	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1763		2020	INFLOW REDUCTION PROGRAM	\$150,000
1239		2021	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1764		2021	INFLOW REDUCTION PROGRAM	\$150,000
1240		2022	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1765		2022	INFLOW REDUCTION PROGRAM	\$150,000
1241		2023	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000

Capital Improvement Program 2010-2014

CIP #	Phase	Year	Title	Projected Total
1766		2023	INFLOW REDUCTION PROGRAM	\$150,000
1242		2024	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1767		2024	INFLOW REDUCTION PROGRAM	\$150,000
1243		2025	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1768		2025	INFLOW REDUCTION PROGRAM	\$150,000
Total for Unfunded Miscellaneous - Wastewater:				\$4,070,000

Sewer Mains

CIP #	Phase	Year	Title	Projected Total
1247		0	14TH AVENUE & HOWARD DRIVE REPLACEMENT	\$1,446,000
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	\$602,000
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
1721		0	OAK AND PINE STREET AREA SEWER REHABILITATION	\$370,000
1722		0	COLUMBUS AND PACIFIC BLVD SEWER REHABILITATION	\$84,000
1740		0	BASIN 1 REPLACEMENT, SOUTH OF 14TH AVENUE	\$1,136,000
1741		0	BASIN 1 REPLACEMENT, NORTH OF 14TH AVE	\$870,000
1772		0	WATER AND FRONT AVENUE BACK LOT SEWERS	\$207,000
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
1946		0	HAZELWOOD AREA SEWER REPLACEMENT	\$300,000
Total for Unfunded Sewer Mains:				\$8,557,000

Treatment

CIP #	Phase	Year	Title	Projected Total
1871		0	TREATMENT PLANT IMPROVEMENTS - WETLANDS	\$24,300,000
Total for Unfunded Treatment:				\$24,300,000

Grand Total for Unfunded Wastewater: \$50,022,000

Water

Water Sustains All

Investing in infrastructure

This year's CIP shows the City's continued commitment to replace leaky steel water lines throughout town and to catch up on years of deferred maintenance along the Santiam-Albany Canal. Replacement of leaky water lines will reduce waste of treated water and reduce the number of times Albany staff is called out to repair deteriorating lines. Investments in major Canal maintenance activities are necessary to restore and preserve capacity, protect property, and restore and update flow control structures that have exceeded their service life.



Hydropower Back on-line

In February 2009 the City officially dedicated Albany's renovated hydropower facility. In Albany, hydropower was first generated from the Santiam-Albany Canal (Canal) in 1888. In 1924 two turbines were installed in the hydroelectric facility adjacent to the Vine Street Water Treatment Plant. Those turbines were decommissioned in 1991 as the City pursued a hydropower generating license from the Federal Energy Regulatory Commission. The City received a license in 1998 and began work toward compliance, and ultimately start-up, of the restored facility. That work included constructing a new headwork control structure and fish screen at the Canal intake, fish ladders at the diversion dam on the South Santiam River, channel restoration within the Canal, and installations of a new 500-kilowatt turbine generator at the Vine Street Water Treatment Plant hydropower facility.

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 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	2010	2011	2012	2013	2014	TOTAL
SDC – Improvement – Water	\$0	\$0	\$0	\$367,000	\$857,000	\$1,224,000
SDC – Reimbursement – Water	\$55,000	\$0	\$0	\$0	\$0	\$55,000
Water Bond Fund	\$2,124,000	\$845,000	\$0	\$0	\$0	\$2,969,000
Water Rates/Operating Revenues	\$0	\$341,000	\$2,529,000	\$2,328,000	\$2,494,000	\$7,692,000
GRAND TOTALS:	\$2,179,000	\$1,186,000	\$2,529,000	\$2,695,000	\$3,351,000	\$11,940,000

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: 2009 - 2010			
1586		WATER AVENUE, COLUMBUS STREET, AND 1ST AVENUE EAST OF BURKHART	\$202,000
1590		COLUMBUS STREET AND BRADLEY STREET; PACIFIC TO SANTIAM	\$247,000
1600		BAKER STREET; 4TH TO 8TH AVENUES	\$197,000
1605		SHORTRIDGE STREET; HIGHWAY 20 TO 14TH AVENUE	\$186,000
1607		DENVER AND 1ST AVENUE WATER LINE REPLACEMENT	\$346,000
1675	7	SANTIAM-ALBANY CANAL IMPROVEMENTS	\$1,001,000
Total for FY 2009 - 2010			\$2,179,000
Plan Year: 2010 - 2011			
1675	8	SANTIAM-ALBANY CANAL IMPROVEMENTS	\$575,000
1749	2	MAPLE STREET RESERVOIR IMPROVEMENTS	\$249,000
1751	1	NORTH ALBANY DISTRIBUTION PROJECTS	\$92,000
1788		VINE STREET WTP SOLIDS HANDLING IMPROVEMENTS	\$270,000
Total for FY 2010 - 2011			\$1,186,000
Plan Year: 2011 - 2012			
1572		EAST THORNTON LAKE DRIVE NW	\$275,000
1575		LYON STREET; 1ST TO 5TH	\$512,000
1587		6TH AVENUE, ELM TO MAPLE AND WALNUT STREET, 6TH TO 7TH	\$139,000
1593		CLEVELAND STREET, 7TH AVENUE TO PACIFIC BOULEVARD	\$47,000
1597		WILLAMETTE AVENUE AND BURKHART; GEARY TO DAVIDSON STREET AREA	\$254,000
1608		THURSTON STREET SE AND BROADALBIN WATER LINE REPLACEMENT AND EXTENSION	\$488,000
1675	9	SANTIAM-ALBANY CANAL IMPROVEMENTS	\$546,000
1751	2	NORTH ALBANY DISTRIBUTION PROJECTS	\$268,000
Total for FY 2011 - 2012			\$2,529,000
Plan Year: 2012 - 2013			
1570		CALAPOOIA STREET, BETWEEN 5TH AND 6TH	\$53,000
1589		DAVIDSON STREET, 8TH TO SANTIAM	\$150,000
1636	1	VINE STREET WTP IMPROVEMENTS, PHASE 1	\$1,296,000
1638	1	ZONE 1 DISTRIBUTION PROJECTS	\$624,000
1675	10	SANTIAM-ALBANY CANAL IMPROVEMENTS	\$572,000
Total for FY 2012 - 2013			\$2,695,000
Plan Year: 2013 - 2014			
1002	1	HILL STREET: QUEEN TO 24TH AVENUE	\$854,000
1585		SKYLINE DRIVE, GIBSON HILL ROAD TO ORCHARD HEIGHTS DRIVE	\$192,000
1594		WASHINGTON AND FERRY STREETS AREA; 9TH TO 14TH	\$1,046,000
1638	2	ZONE 1 DISTRIBUTION PROJECTS	\$279,000

Capital Improvement Program 2010-2014

1675	11	SANTIAM-ALBANY CANAL IMPROVEMENTS	\$570,000
1790	1	WATER FACILITY PLAN UPDATE	\$410,000
		Total for FY 2013 - 2014	\$3,351,000
		Grand Total for Water:	\$11,940,000

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

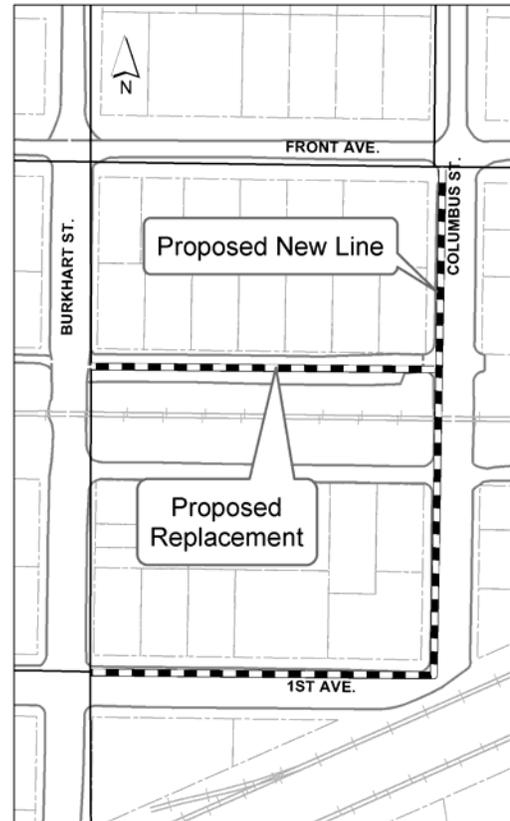
Total Cost: \$202,000

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>
615-50-2302	WATER BOND FUND	\$202,000
Total:		\$202,000



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

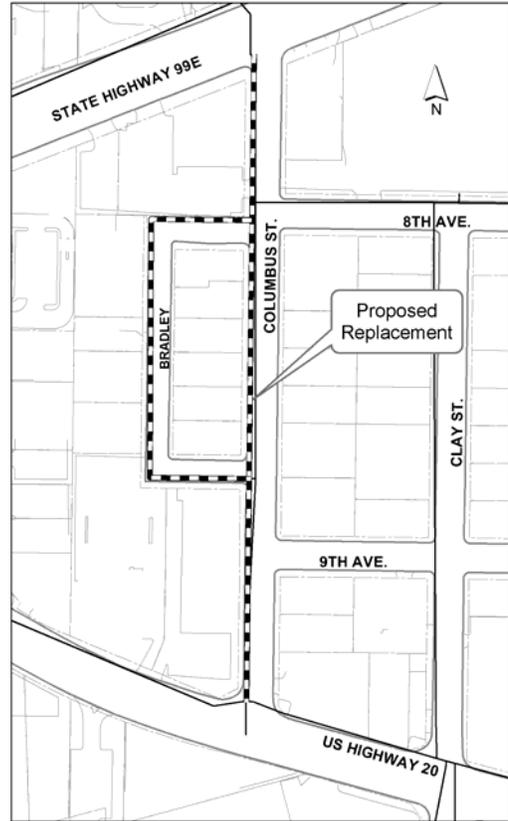
Total Cost: \$247,000

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>
615-50-2302	WATER BOND FUND	\$247,000
Total:		\$247,000



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: \$197,000

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>
615-50-2302	WATER BOND FUND	\$197,000
Total:		\$197,000



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

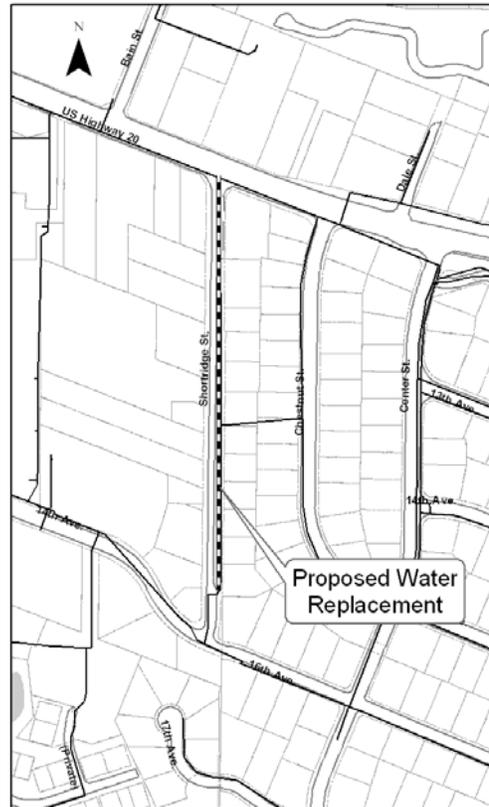
Total Cost: \$186,000

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	\$55,000
615-50-2302 WATER BOND FUND	\$131,000
Total:	\$186,000



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: \$346,000

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>
615-50-2302	WATER BOND FUND	\$346,000
Total:		\$346,000



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: \$1,001,000

This phase provides for improvements to the gate structure located near the Lebanon Water Treatment Plant and a bank repair upstream of Three Lakes Road between Canal Stations 228+40 and 231+60.

Operating Budget Impact: The improvements listed above will help reduce maintenance costs in the long term as they address previously deferred maintenance activities.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
615-50-2302	WATER BOND FUND	\$1,001,000
Total:		\$1,001,000

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
7	2010	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$1,001,000
8	2011	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$575,000
9	2012	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$546,000
10	2013	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$572,000
11	2014	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$570,000
Grand Total - All Related Projects:				\$3,264,000

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: \$575,000

This phase provides for the construction of Canal bank improvements and other channel improvements upstream of Three Lakes Road between Canal Stations 218+15 and 221+30 and downstream of Tallman Road between Canal Stations 451+30 and 481+30.

Operating Budget Impact: The improvements listed above will help reduce maintenance costs in the long term as they address previously deferred maintenance activities.

Funding Sources For This Project:

<u>Activity</u> <u>Funding Source</u>	<u>Projected Amount</u>
615-50-2302 WATER BOND FUND	\$575,000
Total:	\$575,000

Related Projects:

<u>Phase</u> <u>Year</u> <u>Title</u>	<u>Category</u>	<u>Projected Total</u>
7 2010 SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$1,001,000
8 2011 SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$575,000
9 2012 SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$546,000
10 2013 SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$572,000
11 2014 SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$570,000
Grand Total - All Related Projects:		\$3,264,000

Plan FY: 2010-2011 MAPLE STREET RESERVOIR IMPROVEMENTS

CIP Project #: 1749 Phase: 2

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

Plan Element: WTP05 and paint
Classification: Water Supply & Storage

Total Cost: \$249,000

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	\$249,000
Total:	\$249,000



Plan FY: 2010-2011 NORTH ALBANY DISTRIBUTION PROJECTS

CIP Project #: 1751 Phase: 1

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

Plan Element: P15
Classification: Water Mains

Total Cost: \$92,000

This project will replace approximately 530 feet of undersized asbestos cement water line on Green Acres Lane with an 8-inch ductile iron water line. This project is required to meet fire flow requirements.

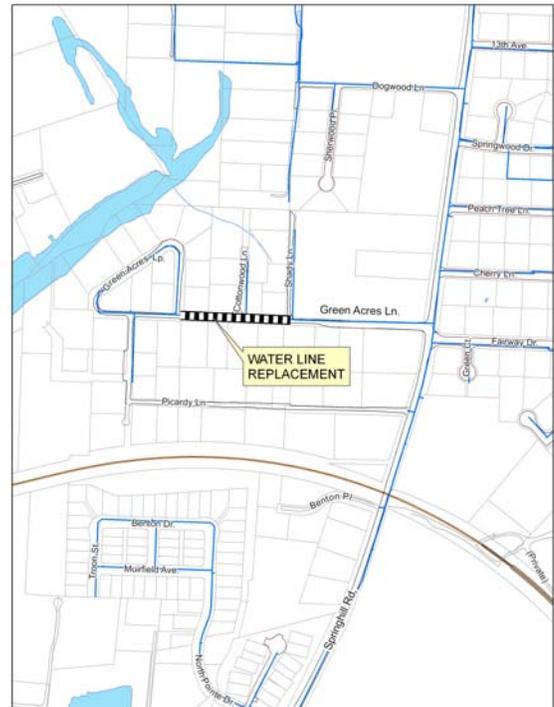
Operations Budget Impact: This project will reduce maintenance costs in the long term because it improves water flow movement in the area and increases pressure.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
615-50-2308	WATER RATES/OPERATING REVENUES	\$92,000
Total:		\$92,000

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	\$92,000
2	2012	NORTH ALBANY DISTRIBUTION PROJECTS	Water	\$268,000
Grand Total - All Related Projects:				\$360,000



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: \$270,000

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>
615-50-2302 WATER BOND FUND	\$270,000
Total:	\$270,000

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

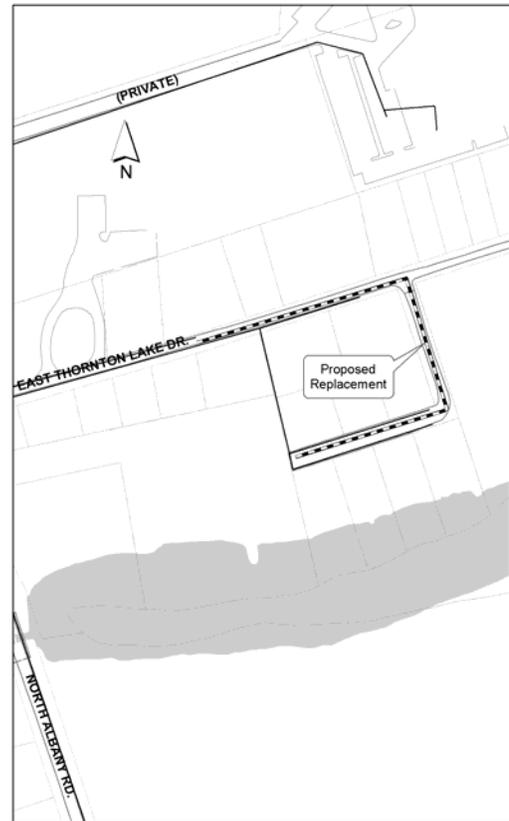
Total Cost: \$275,000

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	\$275,000
Total:	\$275,000



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

CIP Project #: 1575

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

Plan Element: Program - 1
Classification: Water Mains

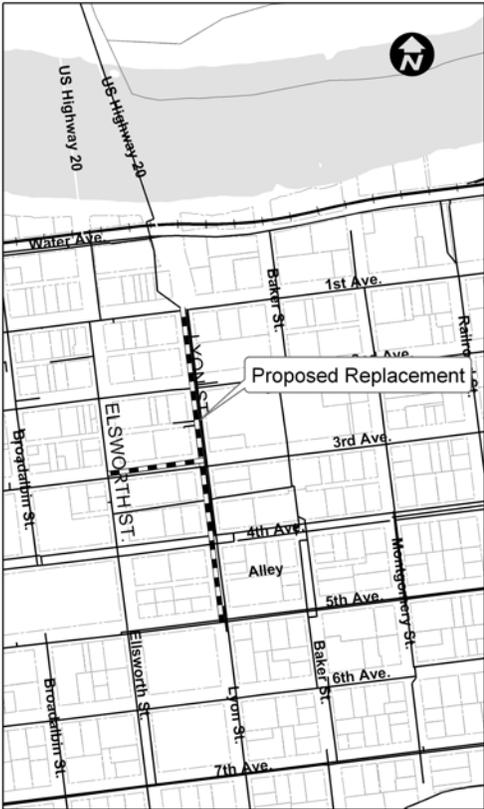
Total Cost: \$512,000

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	\$512,000
Total:		\$512,000



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

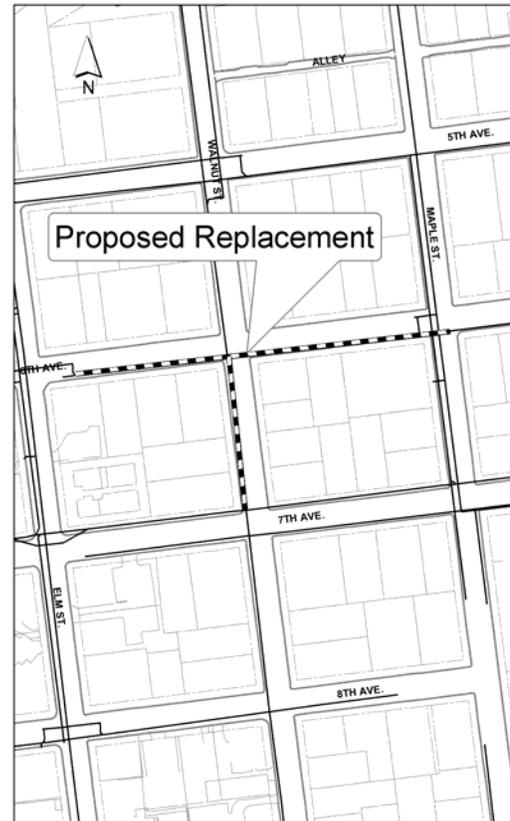
Total Cost: \$139,000

Replace approximately 810 feet of deteriorated and undersized 2-inch galvanized pipe with 8-inch ductile iron pipe. This project will improve pressure, water quality, and fire flows 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	\$139,000
Total:	\$139,000



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

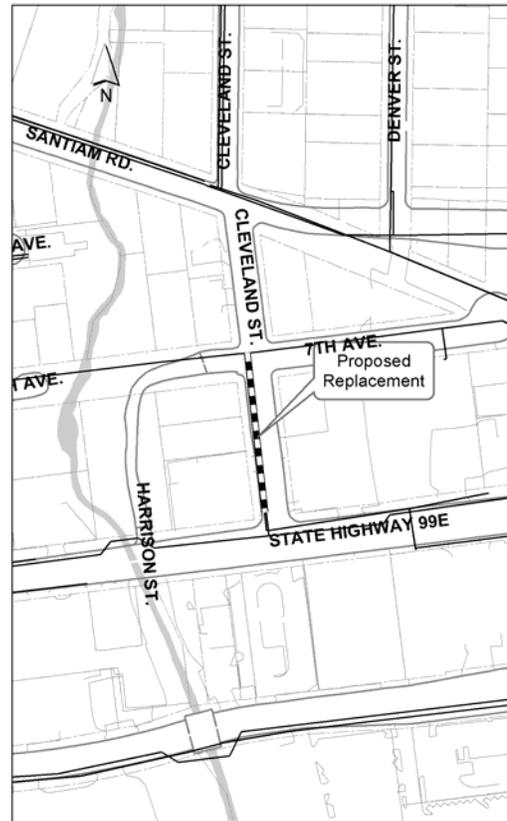
Total Cost: \$47,000

This project will replace 270 feet of deteriorated 2-inch galvanized water line with 8-inch ductile iron pipe. This project will improve pressure, water quality, and fire flows 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	\$47,000
Total:		\$47,000



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: \$254,000

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	\$254,000
Total:		\$254,000



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

CIP Project #: 1608

Master Plan: Water Supply Master Plan **Plan Element:** Perpetual Life Replacement
Category: Water **Classification:** Water Mains
Department: Public Works Department

Total Cost: \$488,000

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.

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	\$488,000
Total:		\$488,000

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: \$546,000

This phase provides for the construction of Canal improvements and includes numerous bank repairs within the Albany City Limits and grade control and maintenance downstream of Goltra Road between Canal Stations 258+50 and 317+00.

Operating Budget Impact: The improvements listed above will help reduce maintenance costs in the long term as they address previously deferred 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	\$546,000
Total:		\$546,000

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
7	2010	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$1,001,000
8	2011	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$575,000
9	2012	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$546,000
10	2013	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$572,000
11	2014	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$570,000
Grand Total - All Related Projects:				\$3,264,000

Plan FY: 2011-2012 NORTH ALBANY DISTRIBUTION PROJECTS

CIP Project #: 1751 Phase: 2

Master Plan: Water Supply Master Plan **Plan Element:** P16
Category: Water **Classification:** Water Mains
Department: Public Works Department

Total Cost: \$268,000

This project will replace approximately 1,100 feet of undersized water lines on Wildwood Drive to meet fire flow requirements. Replacement pipe will be 12 inches in diameter.

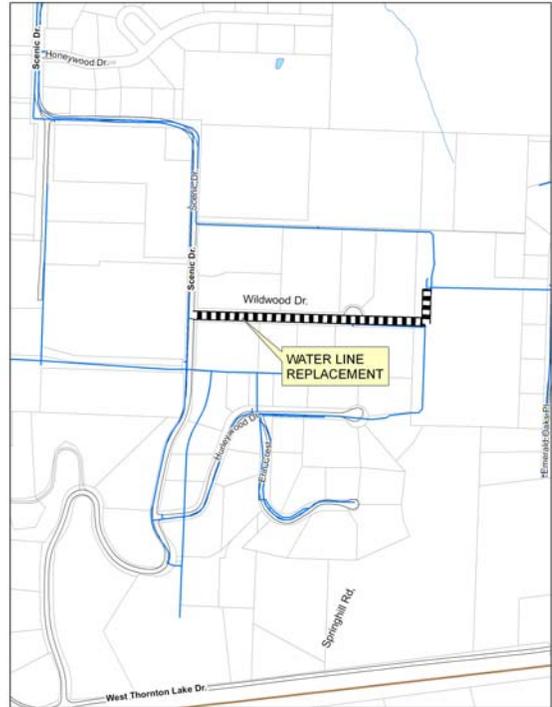
Operations Budget Impact: This project will reduce maintenance costs in the long term because it improves water flow movement in the area and increases pressure.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
615-50-2308	WATER RATES/OPERATING REVENUES	\$268,000
Total:		\$268,000

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	\$92,000
2	2012	NORTH ALBANY DISTRIBUTION PROJECTS	Water	\$268,000
Grand Total - All Related Projects:				\$360,000



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: \$53,000

This project will replace approximately 295 feet of deteriorated 6-inch steel pipe with 8-inch ductile iron pipe. This project will improve pressure, water quality, and fire flows 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	\$53,000
Total:	\$53,000



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

CIP Project #: 1589

Master Plan: Water Supply Master Plan

Plan Element: P25

Category: Water

Classification: Water Mains

Department: Public Works Department

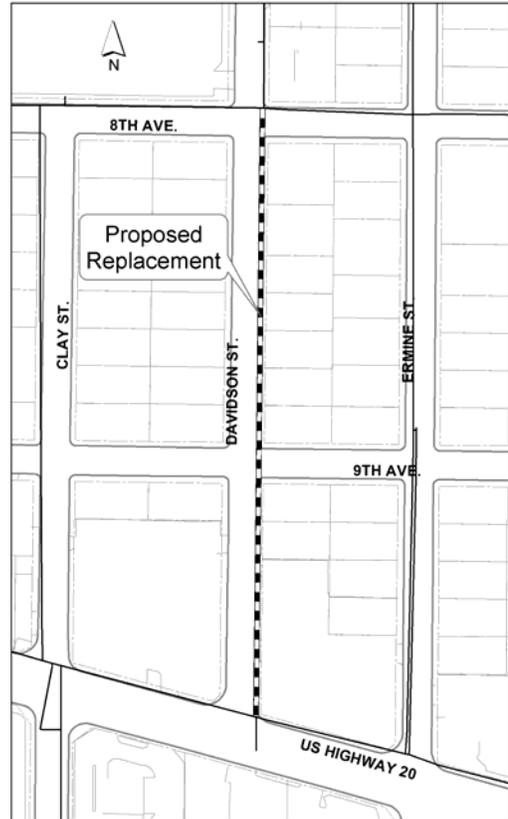
Total Cost: \$150,000

This project will 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	\$150,000
Total:	\$150,000



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: \$1,296,000

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 and completing filter gallery maintenance.

Funding Sources For This Project:

<u>Activity</u> <u>Funding Source</u>	<u>Projected Amount</u>
615-50-2308 WATER RATES/OPERATING REVENUES	\$1,296,000
Total:	\$1,296,000



Plan FY: 2012-2013 ZONE 1 DISTRIBUTION PROJECTS

CIP Project #: 1638 Phase: 1

Master Plan: Water Supply Master Plan

Plan Element: P17, P18, P19, P23

Category: Water

Classification: Water Mains

Department: Public Works Department

SDC

Total Cost: \$624,000

These projects include approximately 1,400 feet of water lines necessary to meet fire 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	\$367,000
615-50-2308	WATER RATES/OPERATING REVENUES	\$257,000
Total:		\$624,000

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	\$624,000
2	2014	ZONE 1 DISTRIBUTION PROJECTS	Water	\$279,000
Grand Total - All Related Projects:				\$903,000

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: \$572,000

This phase provides for the construction of Canal bank and channel improvements between Canal Stations 372+00 and 411+00 and between Stations 614+20 and 620+10.

Operating Budget Impact: The improvements listed above will help reduce maintenance costs in the long term as they address previously deferred 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	\$572,000
Total:	\$572,000

Related Projects:

<u>Phase</u> <u>Year</u> <u>Title</u>	<u>Category</u>	<u>Projected Total</u>
7 2010 SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$1,001,000
8 2011 SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$575,000
9 2012 SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$546,000
10 2013 SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$572,000
11 2014 SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$570,000
Grand Total - All Related Projects:		\$3,264,000

Plan FY: 2013-2014 HILL STREET: QUEEN TO 24TH AVENUE

CIP Project #: 1002 Phase: 1

Master Plan: Water Supply Master Plan

Plan Element: P26

Category: Water

Classification: Water Mains

Department: Public Works Department

SDC

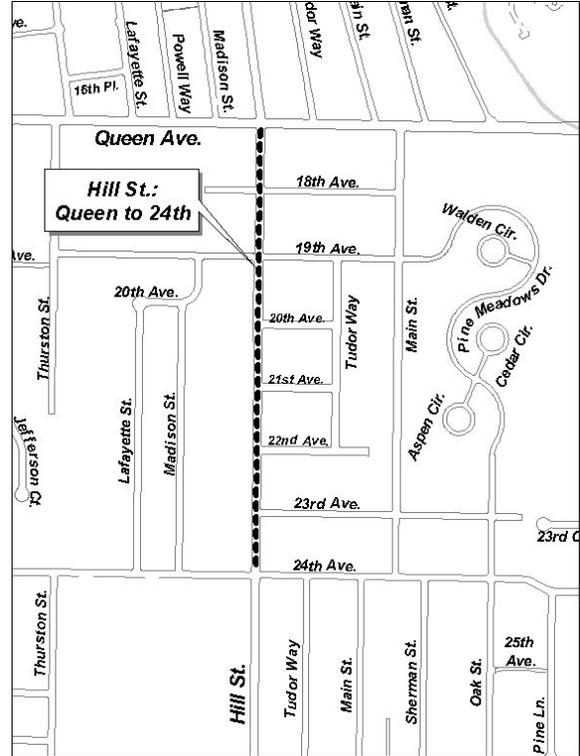
Total Cost: \$854,000

This project will replace approximately 2,400 feet of deteriorated distribution lines with 24-inch ductile iron transmission lines. The near term benefit of upsizing this line will be better service to southeast Albany. However, as future improvements are completed, this large diameter line will help move large quantities of water from the new water treatment plant to all of south Albany. Timing for this project is tied to the street improvement project shown in the transportation section as CIP #1002, Phase 6.

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>
		\$0
615-50-2300	SDC - IMPROVEMENT - WATER	\$632,000
615-50-2308	WATER RATES/OPERATING REVENUES	\$222,000
Total:		\$854,000



Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
1	2014	HILL STREET: QUEEN TO 24TH AVENUE	Water	\$854,000
6	2014	HILL ST, QUEEN TO 24TH AVENUE	Transportation	\$1,799,000
Grand Total - All Related Projects:				\$2,653,000

Plan FY: 2013-2014 SKYLINE DRIVE, GIBSON HILL ROAD TO ORCHARD HEIGHTS DRIVE

CIP Project #: 1585

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

Plan Element: Program - 1
Classification: Water Mains

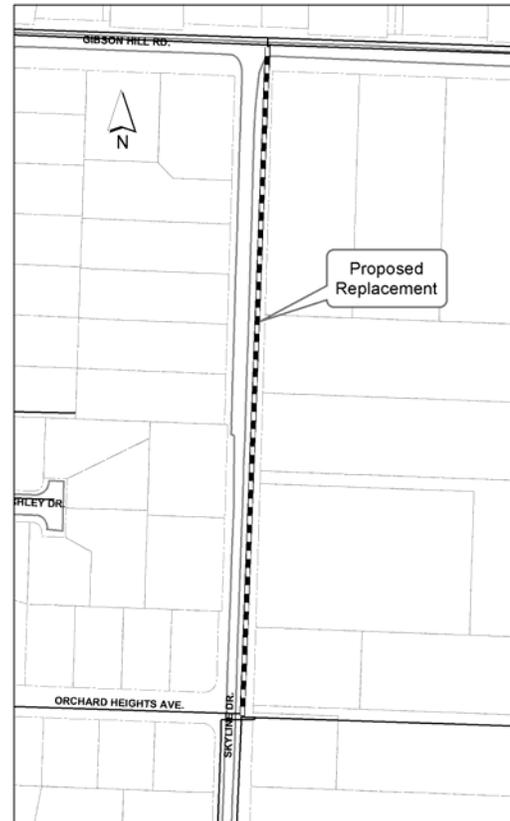
Total Cost: \$192,000

Replace approximately 1,035 feet of deteriorated 6-inch steel pipe with 8-inch ductile iron pipe. This project will improve pressure, water quality, and fire flows 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	\$192,000
Total:	\$192,000



Plan FY: 2013-2014 WASHINGTON AND FERRY STREETS AREA; 9TH TO 14TH

CIP Project #: 1594

Master Plan: Water Supply Master Plan

Plan Element: Program - 1

Category: Water

Classification: Water Mains

Department: Public Works Department

Total Cost: \$1,046,000

This project will replace approximately 5,400 feet of deteriorated and undersized galvanized and steel water line with 8-inch ductile iron pipe. This project will also relocate services from the alley between Ferry Street and Washington Street south of 12th Avenue to Washington Street and Ferry Street. In addition, this project will abandon a steel pipe crossing the Canal at 14th Avenue and will construct 460 feet of new ductile iron pipe with a Canal crossing on the bridge at 12th Avenue. The completion of this project will increase pressure and fire flow in the area. Pipe replacement will take place in the areas: Ferry Street, 9th Avenue to 12th Avenue; Washington Street, 9th Avenue to Pacific Boulevard; Vine Street, 12th Avenue to 14th Avenue; 10th Avenue, Vine Street to Washington Street; 12th Avenue, Vine Street to Ferry Street; and 14th Avenue, West of Vine Street to Washington Street.

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	\$1,046,000
Total:		\$1,046,000



Plan FY: 2013-2014 ZONE 1 DISTRIBUTION PROJECTS

CIP Project #: 1638 Phase: 2

Master Plan: Water Supply Master Plan **Plan Element:** P20, P21, P22
Category: Water **Classification:** Water Mains
Department: Public Works Department

Total Cost: \$279,000

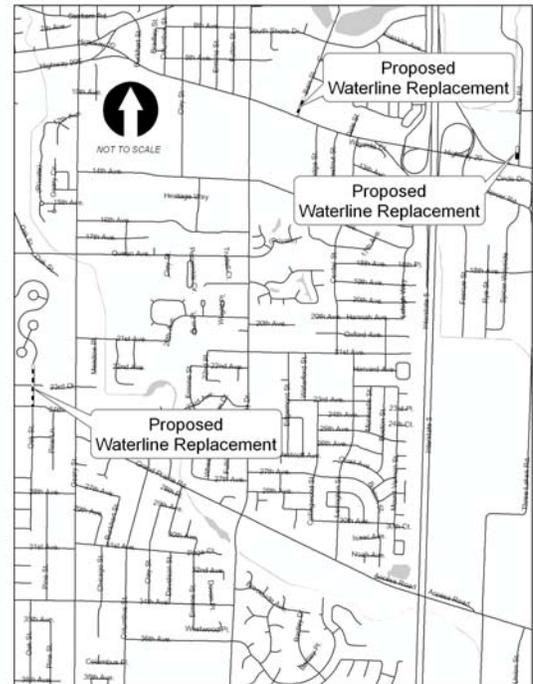
These projects include approximately 1,300 feet of water lines necessary to meet fire flow requirements. These projects are dispersed throughout pressure Zone 1.

Funding Sources For This Project:

<u>Activity</u> <u>Funding Source</u>	<u>Projected Amount</u>
615-50-2308 WATER RATES/OPERATING REVENUES	\$279,000
Total:	\$279,000

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	\$624,000
2 2014 ZONE 1 DISTRIBUTION PROJECTS	Water	\$279,000
Grand Total - All Related Projects:		\$903,000



Plan FY: 2013-2014 SANTIAM-ALBANY CANAL IMPROVEMENTS**CIP Project #: 1675 Phase: 11**

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

Total Cost: \$570,000

This phase provides for the construction of Canal improvements that include: overland inflow repair Station, 241+75 to 243+20; bank repair and tree removal, Station 249+30 to 249+90; field drainage improvements, Station 362+00 to 367+50; selective tree removal, Station 416+80 to 486+30; channel and bank improvements, Station 419+10 to 428+00; bank protection, Station 654+00 to 656+00; and urban bank protection, Station 724+10 to 725+80.

Operating Budget Impact: The improvements listed above will help reduce maintenance costs in the long term as they address previously deferred 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	\$570,000
Total:		\$570,000

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
7	2010	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$1,001,000
8	2011	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$575,000
9	2012	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$546,000
10	2013	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$572,000
11	2014	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$570,000
Grand Total - All Related Projects:				\$3,264,000

Plan FY: 2013-2014 WATER FACILITY PLAN UPDATE

CIP Project #: 1790 Phase: 1

Master Plan: Water Supply Master Plan **Plan Element:** Planning - 2
Category: Water **Classification:** Miscellaneous - Water
Department: Public Works Department

SDC

Total Cost: \$410,000

Water Facility Plan Updates are required periodically to reflect changes in expected growth patterns and demands, the regulatory environment and capital improvement needs. On average, facility plan updates are completed on 10-year cycles. The last water facility plan update was completed in 2004.

Funding Sources For This Project:

<u>Activity</u> <u>Funding Source</u>	<u>Projected Amount</u>
615-50-2300 SDC - IMPROVEMENT - WATER	\$225,000
615-50-2308 WATER RATES/OPERATING REVENUES	\$185,000
Total:	\$410,000

Related Projects:

<u>Phase</u> <u>Year</u> <u>Title</u>	<u>Category</u>	<u>Projected Total</u>
1 2014 WATER FACILITY PLAN UPDATE	Water	\$410,000
2 2024 WATER FACILITY PLAN UPDATE	Water	\$590,000
Grand Total - All Related Projects:		\$1,000,000

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	2	2024	WATER FACILITY PLAN UPDATE	\$590,000
Total for Unfunded Miscellaneous - Water:				\$590,000

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	\$4,040,000
1640	0		CENTRAL ALBANY TRANSMISSION PROJECT	\$5,014,000
1641	0		DEVELOPMENT DRIVEN TRANSMISSION/DISTRIBUTION PROJECTS	\$4,659,000
1862	0		SOUTH NEBERGALL LOOP WATER LINE	\$243,000
1866	0		THREE LAKES ROAD WATERLINE EXTENSION (21ST AVE TO 2,500 FEET SOUTH)	\$581,000
Total for Unfunded New Construction - Water:				\$14,786,000

Water Mains

CIP #	Phase	Year	Title	Projected Total
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	\$312,000
1314		0	STEEL LINE REPLACEMENT PROGRAM	\$8,175,000
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	\$804,000
1561		0	RONDO STREET AREA, HIGHWAY 20 TO KOUNS DRIVE	\$1,033,000
1562		0	COUNTRYMAN CIRCLE, WEST SIDE	\$618,000
1564		0	SCENIC DRIVE NW, VALLEY VIEW DRIVE TO DEAD END NORTH OF PALESTINE AVENUE	\$911,000
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	\$603,000
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
1578		0	FRANKLIN AVENUE WATER LINE REPLACEMENT	\$104,000
1580		0	FRONT AVENUE, MAIN TO SHERMAN	\$31,000

CIP #	Phase	Year	Title	Projected Total
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	\$416,000
1592		0	JEFFERSON, MONTGOMERY, JACKSON AND 6TH AVENUE AREA	\$536,000
1596		0	LINCOLN STREET, 12TH AVENUE TO 15TH AVENUE	\$247,000
1606		0	LAFAYETTE, CLOVERDALE, PEACH TREE, CHERRY AND FAIRWAY AREA	\$773,000
1746		0	UNDERSIZED PIPELINES WITH HYDRANTS REPLACEMENT PROGRAM	\$3,958,000
1747		0	PERPETUAL LIFE REPLACEMENT PROGRAM	\$83,832,000
1782		0	CENTURY DRIVE WATER SYSTEM	\$1,144,000
1783		0	DRAPERVILLE WATER SYSTEM	\$785,000
1806		0	SHADY LANE, SOUTH OF DOGWOOD LANE NW	\$142,000
Total for Unfunded Water Mains:				\$106,954,000

Water Supply & Storage

CIP #	Phase	Year	Title	Projected Total
1300	1	0	KNOX BUTTE RESERVOIR PROJECT, PHASE 1	\$6,865,000
1300	2	0	KNOX BUTTE RESERVOIR PROJECT, PHASE 2	\$3,992,000
1634		0	INCREASE LEVEL 2 PUMP STATION CAPACITY	\$11,000
1636	2	0	VINE STREET WTP PROJECTS, PHASE 2	\$5,150,000
1639	2	0	ELLINGSON ROAD RESERVOIR PROJECT	\$3,860,000
1644		0	JOINT WATER PROJECT, PHASE 2	\$4,448,000
1675	1	0	SANTIAM-ALBANY CANAL IMPROVEMENTS, 9TH TO QUEEN	\$500,000
1751	3	0	NORTH ALBANY DISTRIBUTION PROJECTS	\$23,000
1752		0	WILDWOOD RESERVOIR #2	\$781,000
1639	1	2015	ELLINGSON ROAD RESERVOIR PROJECT	\$6,117,000
Total for Unfunded Water Supply & Storage:				\$31,747,000

Grand Total for Unfunded Water: \$154,077,000