

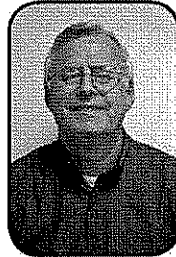
Capital Improvement Program



FY 2007-2008 through 2011-2012

City of Albany
Capital Improvement Program

FY 2007-2008 through 2011-2012

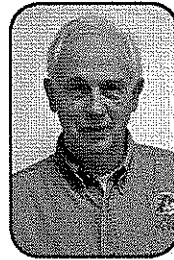


Doug Killin
MAYOR



Dan Bedore

Ward I

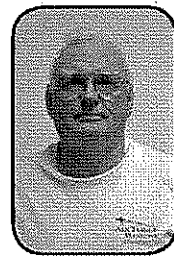


Dick Olsen



Sharon Konopa

Ward II



Ralph Reid, Jr.



Jeff Christman

Ward III



Bessie Johnson



Wes Hare
CITY MANAGER

John Stahl
FINANCE DIRECTOR
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Helen Burns Sharp
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Dick Ebbert
ECONOMIC DEVELOPMENT DIRECTOR

Kevin Kreitman
FIRE CHIEF

David Shaw
HUMAN RESOURCES DIRECTOR

Jorge Salinas
INFORMATION TECHNOLOGY DIRECTOR

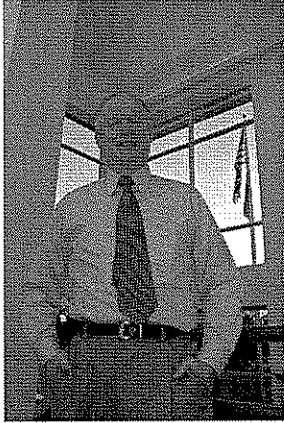
Ed Gallagher
LIBRARY DIRECTOR

Ed Hodney
PARKS & RECREATION DIRECTOR

Ed Boyd
POLICE CHIEF

Diane Taniguchi-Dennis
PUBLIC WORKS DIRECTOR

To the City Council and Citizens of Albany:



If Albany's city council decided to sell every capital asset owned by the City and give the money to its citizens, every person in town would receive a check for about \$2,500. The City's capital assets were valued at nearly \$115,000,000 in the 2005 Annual Financial Report and our population is slightly more than 46,000 people. Selling the City's assets probably does not make much sense because there tends to be a limited market for streets, sidewalks, wastewater treatment plants, and sewer lines. It is unlikely the City would realize full value by selling what it owns, despite eBay's success at getting large sums for weird things. Even if the City could get a good return on its assets, we would be left with some rather large questions about how to get around, where sewage would go, and where water would come from, to name a few.

The size of the value of the City's assets is impressive enough to reinforce the idea that they need to be prudently managed. The Capital Improvement Program attempts to address this need by systematically identifying projects necessary to maintain existing infrastructure or accommodate growth. The City Council reviews proposals from staff and makes the final decisions about what will or will not be included in the program. Any citizen can express concerns or lobby for projects at required public hearings.

Capital improvement programs are the kind of imposing documents rarely read by the average person, but this lack of attention has no relationship to the importance of the program. The document represents many hours of essential work needed to protect the public's \$115,000,000 investment.

Respectfully submitted,

Wes Hare
City Manager

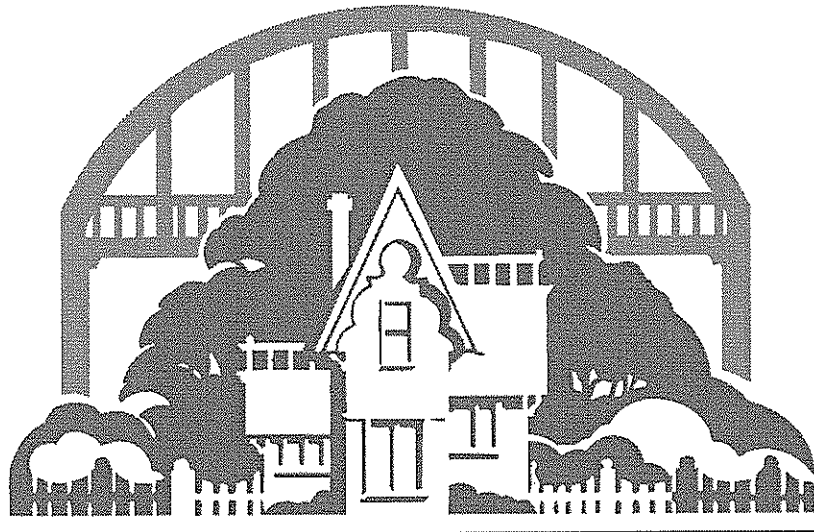
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CITY OF
Albany
OREGON

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.

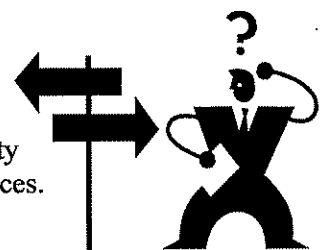
The four primary themes of the strategic plan are Great Neighborhoods, a Safe City, a Healthy Economy, and an Effective Government.

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 2007-2008. Once a project appears in the first year of the CIP and makes it into the budget, it does not appear again in the CIP because the project has moved beyond the planning phase.

How to Use This Report

Each section of the report deals with a major infrastructure service the City provides. You will find separate sections for parks, water, wastewater, transportation, public facilities, and revitalization. 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 on those projects that are 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 section in which they appear in the CIP.

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 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 #1318-2 Lexington Park Development

This project was completed in summer 2006.

COMPLETED #1435 Burkhart Park Playground Replacement (Phase 2)

Phase 1, funded partially through private gifts, accomplished the needed improvements.

IN PROCESS #1321 Clover Ridge Park Acquisition

Land is planned for purchase in spring 2007.

IN PROCESS #1324 River View Heights Playground Replacement

Playground equipment will be replaced in spring 2007.

IN PROCESS #1773 53rd Avenue Park Development

This project will be completed in spring 2007.

IN PROCESS #1774 Swanson Park Playground Replacement

Playground equipment will be replaced in spring 2007.

IN PROCESS #1807 New Community Park Acquisition

This project will be completed in spring 2007.

DEFERRED #1662 Henderson Park Playground Replacement (Now #1906)

This project has been deferred to 2008.

PUBLIC FACILITIES

COMPLETED #1743 Building Maintenance – City Hall Roof Replacement

This project was completed in fall 2006.

COMPLETED #1743 Building Maintenance – City Hall Interior Finish

This project was completed in winter 2006-2007.

IN PROCESS #1743 Operations Building Improvements (Phase 1)

This project remains in process as needs and opportunities continue to be clarified with the construction of the new wastewater treatment plant. Some staff have been relocated to the Vine Street Water Treatment Plant and improvements to the outdated, one bathroom, facility will be needed to accommodate the additional staff.

IN PROCESS #1778 Carnegie Library Emergency Systems

A Contractor of Record has been hired by the City to perform this project as well as other basement renovation projects at the Carnegie Library. The work is being completed in partnership with the Albany Public Library Foundation.

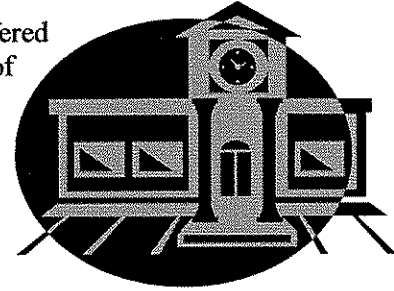
IN PROCESS #1784 New Library Facility (Now #1905)

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

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 #1156 North Albany Road LID/Extension

This project was completed in summer 2006.

COMPLETED #1785 Albany Airport FAA Improvements (Now #1850)

This project was completed in late 2006.

COMPLETED #1792 North Albany Road and West Thornton Lake Road

This project was completed in winter 2006-2007.

DELETED #1786 Bus Barn Relocation (Now #1851, Public Facilities)

DEFERRED #1797 Waverly Drive Rehabilitation, Phase 1 (Now #1913)

During the initial design efforts of the project it became clear the street was in worse shape than originally anticipated. The work required to rehabilitate the street would have required the City to expend almost all of the available street capital reserves. Therefore, the project has been delayed one year. This will allow the City to use the Surface Transportation Program Funds allocated both for last year and the upcoming year on this project, and will allow the project to be completed correctly without expending the City's capital funds down to zero.

IN PROCESS #1654 North Albany Park and Ride

The City is in the process of developing grant agreements with federal agencies.

IN PROCESS #1795 2nd Avenue Crossing of Periwinkle Creek

This project is currently in the design phase and is planned for construction in summer 2007.

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

Federal and state grant agreements are in process.

IN PROCESS #1797 Grand Prairie Road Street Improvements

This project is currently in the design phase and is planned for construction in summer 2007.

DEFERRED #1787 Albany Airport Fiber Optic Improvements

A new schedule for these improvements is yet to be developed.

WASTEWATER

COMPLETED #1197 Treatment Plant Improvements – Design

Design was completed in spring 2006.

COMPLETED #1440 Queen and Pacific Sewer Replacement

This project was completed in spring 2006.

IN PROCESS #1193 Calapooia Interceptor: Takena – 12th

This project is currently in design and is planned for construction in summer 2007.

IN PROCESS #1196 34th Avenue Lift Station Replacement

This project is currently in the design phase and is planned for construction in summer 2007.

IN PROCESS #1197 Treatment Plant Improvements – Construction

Construction is currently in progress. See the wastewater section for a project update.

IN PROCESS #1625 Queen and Thurston Vicinity

Design is completed on this project and construction is planned for summer 2007.

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

Design is completed on this project and construction is planned for summer 2007.

IN PROCESS #1797 Grand Prairie Road Sewer Extension

This project is currently in the design phase and is planned for construction in summer 2007.

IN PROCESS #1855 Cox Creek Flow/Capacity Basin Evaluation

Flow monitoring and capacity evaluations are currently taking place. The City should receive recommendations for this basin in spring 2007.

WATER

COMPLETED #1259 and #1260 Fish Screens and Diversion Dam Improvements

This project was completed in winter 2006-2007.

COMPLETED #1295 13th Avenue Replacement

This project was completed in spring 2006.

COMPLETED #1563 Valley View Drive, Valley View Reservoir to Crocker Lane NW

This project was completed in summer 2006.

COMPLETED #1591 Pineview Drive Water Line Replacement

This project was completed in summer 2006.

COMPLETED #1749 Maple Street Reservoir Improvements (Phase 1)

This project was completed in summer 2006.

IN PROCESS #1257 Hydroelectric Facility Improvements

The turbines and generating equipment have been inspected. A final engineering report was received in October 2006 and the project was approved for construction by City Council on October 25, 2006. An engineering design-build contract has been awarded to CF Malm Engineering and construction began in January 2007. Expected completion is October 2008.

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

This project is currently in the design phase and is planned for construction in summer 2007.

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

This project is currently in the design phase and is planned for construction in summer 2007.

IN PROCESS #1616 Sunny Lane NW and Erin Crest NW Water Line Replacement

This project is currently in the design phase and is planned for construction in spring 2007.

IN PROCESS #1633 South Albany Transmission Main

This project is currently in the design phase and is planned for construction in summer 2007.

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

This project is currently in the planning and investigation phase. The project outcome will be to identify canal deficiencies that might limit the canal capacity below the flows required to operate the hydro electric generation plant located at Vine Street. As deficiencies are identified they will be corrected to the extent funding allows. This project will likely result in identifying additional projects that will be added to future CIP documents.

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

Alternative evaluations are underway on this project. Design is anticipated for early 2007 with construction following in summer 2008.

IN PROCESS #1683 Zone 4 Separation – New Piping and Pump Station

This project will be completed in spring 2007.

IN PROCESS #1685 Chlorine System Safety Improvements

This project is currently in the design phase and is planned for construction in spring 2007.

IN PROCESS #1686 Crocker Lane, Gibson Hill Northward

This project is currently in the design phase and is planned for construction in summer 2007.

IN PROCESS #1745 Water System Security Upgrades

Security upgrades are currently under design and are planned for installation in summer 2007. Equipment installation includes items such as intrusion alarms and motion detectors.

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

This project is currently in the design phase and is planned for construction in summer 2007.

IN PROCESS #1797 Grand Prairie Road Water Line Extension

This project is currently in the design phase and is planned for construction in summer 2007.

IN PROCESS #1853 17th Avenue and Burkhart St. Water Line Infill

This project is currently in the design phase and is planned for construction in summer 2007.

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

The City has informally received a federal grant for these improvements. Staff continues to work with FEMA/SHPO to finalize grant funding. In addition, staff has begun the process of selecting a consultant for design. If grant funding is secured, staff will seek Council approval before accepting and proceeding with the project. With Council approval, construction would begin in summer 2008.

DEFERRED #1297 8th Avenue Elm to Broadway

This project was deferred in order to use funds for an emergency waterline replacement on Crittenden Loop. Replacement of this water line is now scheduled for 2010.

Got a Question?

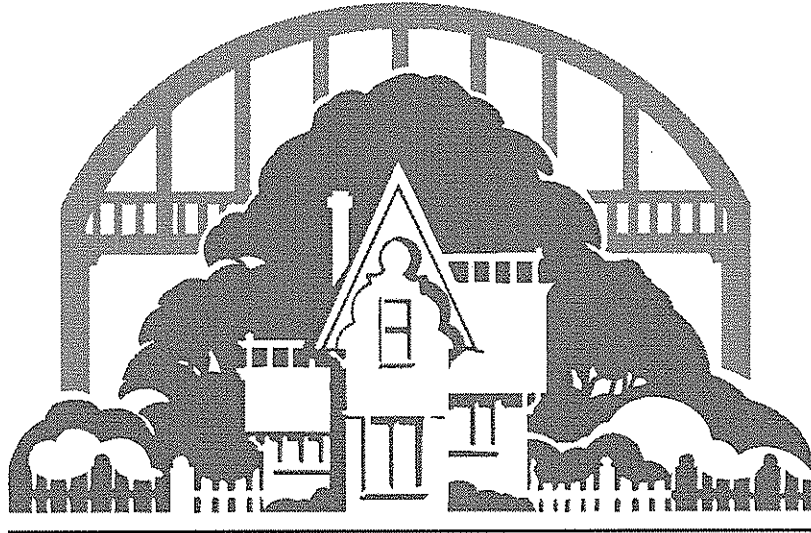
Some of the information and issues in this report can be rather complex. If you are having trouble understanding something or have a question, your City staff stands ready and willing to provide the information you need:

For information please contact:

City Manager's Office

Marilyn Smith, (541) 917-7507
Management Assistant/Public Information Officer
marilyn.smith@cityofalbany.net





CITY OF
Albany
OREGON

Paying for Capital Projects

A preliminary look at financing, pending further decisions

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

Sources of Funding

The table on the next page shows the relative breakdown of funding sources for all the projects contained in the 2008-2012 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	2008	2009	2010	2011	2012	TOTAL
Building Maintenance Projects	\$32,000	\$67,000	\$0	\$0	\$0	\$99,000
Capital Reserves	\$1,305,000	\$40,000	\$181,000	\$40,000	\$493,000	\$2,059,000
Donations	\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000
Economic Development	\$92,000	\$0	\$0	\$0	\$0	\$92,000
Equipment Replacement	\$93,000	\$0	\$0	\$0	\$0	\$93,000
Existing Library Sale and Fundraising	\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000
Federal Grants	\$834,000	\$305,000	\$0	\$0	\$0	\$1,139,000
Future Conations	\$72,000	\$500,000	\$175,000	\$250,000	\$0	\$997,000
Future State Grant	\$75,000	\$575,000	\$275,000	\$175,000	\$100,000	\$1,200,000
Linn County	\$1,500,000	\$0	\$0	\$0	\$0	\$1,500,000
Loan State of Oregon	\$7,501,000	\$0	\$0	\$0	\$0	\$7,501,000
ODOT Rail	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Parks and Recreation	\$272,000	\$275,000	\$175,000	\$275,000	\$100,000	\$1,097,000
SDC Improvement – Parks	\$1,756,000	\$850,000	\$600,000	\$200,000	\$450,000	\$3,856,000
SDC Improvement – Sewer	\$12,440,000	\$4,100,000	\$110,000	\$1,412,000	\$2,867,000	\$20,929,000
SDC Improvement – Transportation	\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000
SDC Improvement – Water	\$10,000	\$1,394,000	\$5,385,000	\$10,000	\$10,000	\$6,809,000
SDC Reimbursement – Water	\$180,000	\$0	\$0	\$0	\$0	\$180,000
Sewer Rates/Operating Revenues	\$26,051,000	\$5,841,000	\$867,000	\$954,000	\$1,501,000	\$35,214,000
State Highway Fund (gas tax)	\$0	\$200,000	\$0	\$0	\$0	\$200,000
State IOF Grant	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000
State of Oregon	\$845,000	\$161,000	\$584,000	0	\$745,000	\$2,335,000
UPRR	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Water Rates/Operating Revenues	\$4,212,000	\$1,754,000	\$2,288,000	\$2,904,000	\$4,327,000	\$15,485,000
TOTAL:	\$64,770,000	\$16,062,000	\$10,640,000	\$6,220,000	\$10,593,000	\$108,285,000

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

Financing Projects with Bonds or Loans

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

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

There are two types of bonds:

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

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

Lastly, the City can secure a loan from other sources. In 2003 the City was able to secure a loan from the Department of Environmental Quality State Revolving 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.

Projected Cost Totals by Category

CATEGORY	2008	2009	2010	2011	2012	TOTAL
Parks	\$2,250,000	\$2,200,000	\$1,225,000	\$900,000	\$650,000	\$7,225,000
Public Facilities	\$4,032,000	\$67,000	\$0	\$0	\$0	\$4,099,000
Revitalization	\$0	\$0	\$0	\$0	\$0	\$0
Transportation	\$12,364,000	\$412,000	\$787,000	\$40,000	\$1,238,000	\$14,841,000
Wastewater	\$39,466,000	\$9,941,000	\$977,000	\$2,366,000	\$4,368,000	\$57,118,000
Water	\$6,658,000	\$3,442,000	\$7,651,000	\$2,914,000	\$4,337,000	\$25,002,000
GRAND TOTALS:	\$64,770,000	\$16,062,000	\$10,640,000	\$6,220,000	\$10,593,000	\$108,285,000

Community Needs

Major Needs that Remain Unfunded

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

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

Park Equipment Replacement/Renovation Needs

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



Police and Fire Facilities

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

Street Construction

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

Transportation Utility/Local Gas Tax

These two mechanisms have been discussed as alternative ways to provide funding for ongoing street repairs. The utility has been discussed as a \$5 per month charge, where the gas tax proposal has been discussed at \$0.05 per gallon.

Storm Water Utility

This proposal has been discussed as a means of funding the costs of maintaining and improving the storm water collection system. The utility has been discussed as a \$5 per month charge.

Canal Esplanade

This project is a linear, water-oriented public space that is intended to provide a continuous link throughout Central Albany and a pedestrian and bicycle connection to South Albany. The first phase of the project would provide improvements along the Canal right-of-way between Pacific Boulevard/Queen Avenue north to the Vine Street Water Treatment Plant. Improvements would include landscaping, benches, lighting, and pathway surfacing.

Lochner Road/Marion Street Improvements

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

Community Gateways

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

East I-5 – Infrastructure Improvements

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

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

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

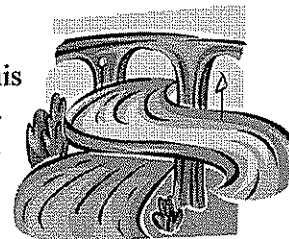
The City recently adopted an alignment for the extension of Timber Street. The work to develop the alignment was funded by a Special Public Works Grant from the state of Oregon, and included development of legal descriptions and maps identifying needed right-of-way. The adoption of the alignment allows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

Draperville Water System

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

Century Drive Water System

This project would extend water service to the Century Drive area. Presently this area is not served by city water and all development draws water from wells. However, a water line was installed along Century Drive as part of the construction for the Albany-Millersburg Water Treatment Plant. With this water line, water service is adjacent to all the streets serving this area. Extension of 8-inch and 12-inch lines along the area streets would provide service to this entire area.



Revitalization

Revitalization Underway!

CARA works to turn vision into reality

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



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

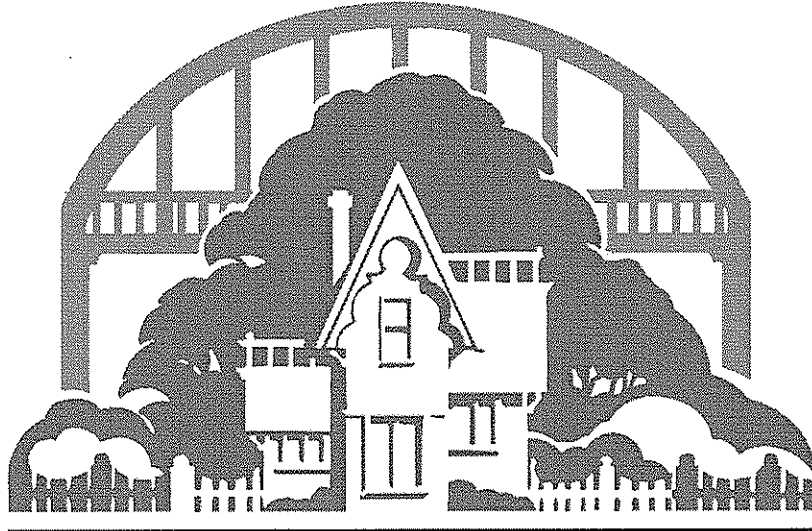
The Results

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

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

Looking Forward

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



CITY OF
Albany
OREGON

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	\$2,953,000
1333		0	COMMUNITY GATEWAYS	\$500,000
Total for Unfunded General Facilities:				\$3,453,000

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

Capital Improvement Program 2008-2012

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: \$31,663,000

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

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

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

Projected Cost Totals

FUNDING SOURCE	2008	2009	2010	2011	2012	TOTAL
Building Maintenance Projects	\$32,000	\$67,000	\$0	\$0	\$0	\$99,000
Donations	\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000
Existing Library Sale and Fund Raising	\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000
GRAND TOTALS:	\$4,032,000	\$67,000	\$0	\$0	\$0	\$4,099,000

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: 2007 - 2008		
1905	NEW LIBRARY FACILITY	\$4,000,000
1915	ALBANY POLICE STATION HVAC EVALUATION	\$16,000
1916	MAPLE LAWN ROOF REPLACEMENT	\$16,000
Total for FY 2007 - 2008		\$4,032,000
Plan Year: 2008 - 2009		
1917	RELOCATION OF WASTE STAGING AREA AT CITY HALL	\$67,000
Total for FY 2008 - 2009		\$67,000
Grand Total for Public Facilities:		\$4,099,000

Plan FY: 2007-2008 NEW LIBRARY FACILITY

CIP Project #: 1905

Master Plan: Library Master Plan
Category: Public Facilities
Department: Library Department

Plan Element:
Classification: Library Facilities

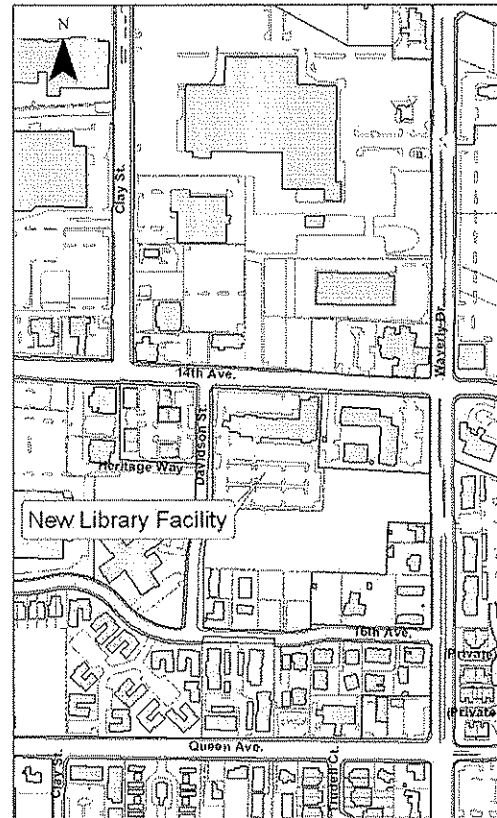
Total Cost: \$4,000,000

This project will completely renovate and upgrade to code a 42,250 square foot office building for conversion to a new main library. A private donation, in addition to other resources, will make this project possible.

Operating Budget Impact: This is a major expansion of current library services, and all costs associated with improved library services will increase. Sustainable design choices for the new facility will seek maximum efficiencies across all HVAC and other operational spheres.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
	EXISTING LIBRARY SALE AND FUNDRAISING	\$2,000,000
	100-45-1701 DONATIONS	\$2,000,000
	Total:	\$4,000,000



Capital Improvement Program 2008-2012

Plan FY: 2007-2008 ALBANY POLICE STATION HVAC EVALUATION

CIP Project #: 1915

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

Total Cost: \$16,000

The Albany Police Station currently experiences significant temperature differentials throughout the building. It is unknown at this time whether modifications can be made to the existing system or if a new system will be required to correct the problem. This project allocates funds to evaluate the HVAC system at the Albany Police Station. The evaluation will identify any modifications and/or complete a new design and specifications for bidding. If a new system is required, costs could be as high as \$150,000.

Operating Budget Impact: There is no impact to maintenance costs because this is a planning document.

Funding Sources For This Project:

<u>Activity</u> <u>Funding Source</u>	<u>Projected Amount</u>
217-10-2002 BUILDING MAINTENANCE PROJECTS	\$16,000
Total:	\$16,000

Plan FY: 2007-2008 MAPLE LAWN ROOF REPLACEMENT

CIP Project #: 1916

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

Total Cost: \$16,000

The roof of the Maple Lawn Preschool has exceeded its service life and is in need of replacement. Currently, the Preschool is experiencing leaks throughout the building. The existing roof will be replaced with a composite shingle roof system.

Operation Budget Impact: Replacement of the roof will reduce the amount of annual maintenance costs related to emergency responses required to fix leaks.

Funding Sources For This Project:

<u>Activity</u> <u>Funding Source</u>	<u>Projected Amount</u>
217-10-2002 BUILDING MAINTENANCE PROJECTS	\$16,000
Total:	\$16,000

Capital Improvement Program 2008-2012

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

CIP Project #: 1917

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

Plan Element:
Classification: General Facilities

Total Cost: \$67,000

Currently, all City waste and recycling is contained indoors in a room behind the municipal court offices. The current facility is not properly ventilated and odors escape to active work areas. This project will provide for relocation of waste and recycling containers to an outside facility that will consist of a concrete pad, fencing, and appropriate loading and unloading facilities. The current storage area will be renovated and converted to a storage area.

Operating Budget Impact: This project will eliminate maintenance costs associated with customer complaints about indoor air quality.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
217-10-2002	BUILDING MAINTENANCE PROJECTS	\$67,000
	Total:	<u>\$67,000</u>

Unfunded Projects

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

Fire Facilities

CIP #	Phase	Year	Title	Projected Total
1334		0	DOWNTOWN FIRE STATION	\$5,316,000
Total for Unfunded Fire Facilities:				\$5,316,000

General Facilities

CIP #	Phase	Year	Title	Projected Total
1743	2	2007	OPERATIONS BUILDING IMPROVEMENTS	\$300,000
1743	3	2008	OPERATIONS BUILDING IMPROVEMENTS	\$3,500,000
1851		2008	BUS BARN RELOCATION	\$2,522,000
Total for Unfunded General Facilities:				\$6,322,000

Police Facilities

CIP #	Phase	Year	Title	Projected Total
1335		0	POLICE STATION ADDITION/REPLACEMENT	\$10,868,000
Total for Unfunded Police Facilities:				\$10,868,000

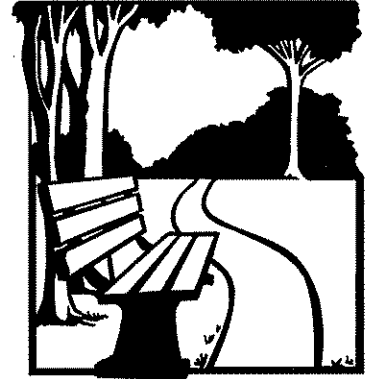
Grand Total for Unfunded Public Facilities: \$22,506,000

Parks

Neighborhoods Reflect our City's Image

Sustaining the pursuit of City goals

Parks and recreation facilities play an important role in establishing a desirable quality of life for our residents and creating a city with a unique identity that distinguishes it from other communities. In addition to providing opportunities for recreation, this network of public spaces supports Albany's economic development objectives, enhances the natural and built environment in which we live, and helps the community address social concerns.



A parks and recreation system requires a significant investment of public and private resources to 1) sustain existing park assets and 2) to keep pace with Albany's population growth. The Parks CIP relies on a creative mix of Park System Development Charges, private gifts, grants from other government agencies, effective partnerships with local non-profits, volunteer labor, and local tax dollars to pursue these two objectives. The projects are derived from the adopted 2006-2010 Parks and Recreation Master Plan.

The 2008-2012 Parks CIP continues a program to replace existing playgrounds that no longer meet design and safety standards. Many of these units are more than 20 years old. In addition to their dated designs, these playgrounds cost an increasing amount of money to maintain and repair each year. Three playgrounds have already been replaced through FY 2006-2007, and eight more will be completed by FY 2010-2011, improving park safety and helping to control the Parks and Recreation Department's maintenance expenses.

The CIP also provides for the acquisition and construction of new neighborhood and community parks in areas of new residential development. In FY 2006-2007, a new neighborhood park is scheduled to open in the 53rd Avenue neighborhood. A new neighborhood park will be purchased for the Knox Butte/Clover Ridge area before summer 2007. The CIP also includes funding for the development of three more neighborhood parks to be acquired by gift in the next two years, including parks in North Albany, the Oak Creek area, and along Oak Street in Central Albany. Finally, the 2008-2012 CIP supports the initial development of soccer fields on the new community park in the Oak Creek area (to be purchased summer 2007).

Projected Cost Totals

FUNDING SOURCE	2008	2009	2010	2011	2012	TOTAL
Future Donations	\$72,000	\$500,000	\$175,000	\$250,000	\$0	\$997,000
Future State Grants	\$75,000	\$575,000	\$275,000	\$175,000	\$100,000	\$1,200,000
Parks and Recreation	\$272,000	\$275,000	\$175,000	\$275,000	\$100,000	\$1,097,000
SDC – Improvement – Parks	\$1,756,000	\$850,000	\$600,000	\$200,000	\$450,000	\$3,856,000
Sewer Rates/Operating Revenues	\$75,000	\$0	\$0	\$0	\$0	\$75,000
GRAND TOTALS:	\$2,250,000	\$2,200,000	\$1,225,000	\$900,000	\$650,000	\$7,225,000

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: 2007 - 2008		
1894	NEIGHBORHOOD PARK DEVELOPMENT - OAK STREET SITE	\$156,000
1898	PINEWAY PARK PLAYGROUND REPAACEMENT	\$100,000
1899	HENDERSON PARK PLAYGROUND REPLACEMENT	\$94,000
1900	TELOH CALAPOOIA PARK PLAYGROUND REPLACEMENT	\$150,000
1901	TIMBER LINN PARK IMPROVEMENTS - PHASE 1A	\$1,300,000
1902	SWANSON PARK/ALBANY TRAIN STATION CONNECTOR PATH	\$25,000
1903	NEIGHBORHOOD PARK DEVELOPMENT - TIMBERHILL SITE	\$300,000
1922	EADES PARK DEVELOPMENT	\$125,000
Total for FY 2007 - 2008		\$2,250,000
Plan Year: 2008 - 2009		
1886	TIMBER LINN PARK IMPROVEMENTS - PHASE 1B	\$400,000
1895	COMMUNITY PARK DEVELOPMENT - PHASE 1	\$1,500,000
1896	DRAPER PARK PLAYGROUND REPLACEMENT	\$150,000
1897	PICNIC SHELTERS AT GIBSON HILL, LEXINGTON, AND TAKENA PARKS	\$150,000
Total for FY 2008 - 2009		\$2,200,000
Plan Year: 2009 - 2010		
1884	NEIGHBORHOOD PARK DEVELOPMENT - NORTH POINTE MEADOWS	\$400,000
1891	HACKLEMAN PARK SHELTER REPLACEMENT	\$75,000
1892	SUNRISE PARK PLAYGROUND REPLACEMENT	\$150,000
1893	DEERFIELD PARK RENOVATION	\$400,000
1904	NEIGHBORHOOD PARK DEVELOPMENT - TIMBERHILL SITE PHASE 2	\$200,000
Total for FY 2009 - 2010		\$1,225,000
Plan Year: 2010 - 2011		
1887	TIMBER LINN PARK IMPROVEMENTS - PHASE 1C	\$600,000
1889	GRAND PRAIRIE PARK PLAYGROUND REPLACEMENT	\$150,000
1890	LEHIGH PARK PLAYGROUND REPLACEMENT	\$150,000
Total for FY 2010 - 2011		\$900,000
Plan Year: 2011 - 2012		
1885	NEIGHBORHOOD PARK DEVELOPMENT - HENSHAW FARMS SITE	\$450,000
1888	CANAL ESPLANADE TRAIL	\$200,000
Total for FY 2011 - 2012		\$650,000
Grand Total for Parks:		\$7,225,000

Plan FY: 2007-2008 NEIGHBORHOOD PARK DEVELOPMENT - OAK STREET SITE

CIP Project #: 1894

Master Plan: Parks Master Plan Plan Element: NP-3
 Category: Parks Classification: Park Development
 Department: Parks & Recreation Department

SDC

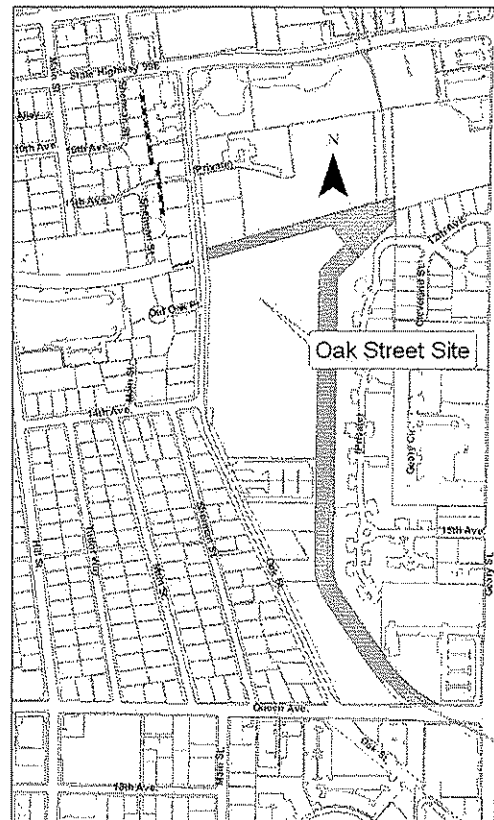
Total Cost: \$156,000

Provides for the development of a playground, picnic facilities, and other park elements on a site to be donated to the City of Albany by the Boys and Girls Club of Albany in 2008.

Operating Budget Impact: This project will increase operation and maintenance costs approximately \$25,000 per year to complete grounds maintenance activities for 8 acres, net of contributions from the Boys and Girls Club.

Funding Sources For This Project:

Activity	Funding Source	Projected Amount
	202-35-1500.SDC - IMPROVEMENT - PARKS	\$156,000
Total:		\$156,000



Capital Improvement Program 2008-2012

Plan FY: 2007-2008 PINEWAY PARK PLAYGROUND REPACEMENT

CIP Project #: 1898

Master Plan: Parks Master Plan

Plan Element:

Category: Parks

Classification: Replacement Projects

Department: Parks & Recreation Department

Total Cost: \$100,000

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

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

Funding Sources For This Project:

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



Plan FY: 2007-2008 HENDERSON PARK PLAYGROUND REPLACEMENT

CIP Project #: 1899

Master Plan: Parks Master Plan Plan Element:
 Category: Parks Classification: Replacement Projects
 Department: Parks & Recreation Department

Total Cost: \$94,000

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

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

Funding Sources For This Project:

Activity	Funding Source	Projected Amount
	FUTURE DONATIONS	\$47,000
	202-35-1408 PARKS AND RECREATION	\$47,000
	Total:	\$94,000



Capital Improvement Program 2008-2012

Plan FY: 2007-2008 TELOH CALAPOOIA PARK PLAYGROUND REPLACEMENT

CIP Project #: 1900

Master Plan: Parks Master Plan **Plan Element:**
Category: Parks **Classification:** Replacement Projects
Department: Parks & Recreation Department

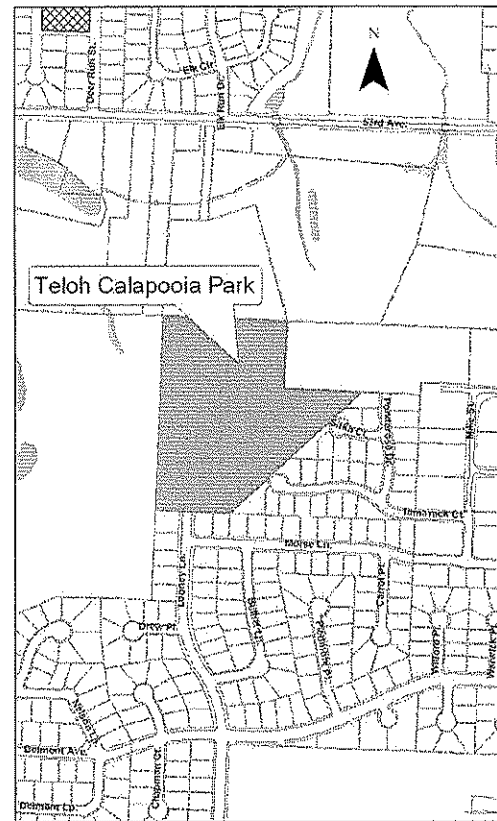
Total Cost: \$150,000

This project provides for the replacement of an existing, outdated playground at this neighborhood park.

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

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
	FUTURE DONATIONS	\$25,000
	FUTURE STATE GRANT	\$75,000
	202-35-1408 PARKS AND RECREATION	\$50,000
	Total:	\$150,000



Plan FY: 2007-2008 **TIMBER LINN PARK IMPROVEMENTS - PHASE 1A**

CIP Project #: 1901

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

SDC

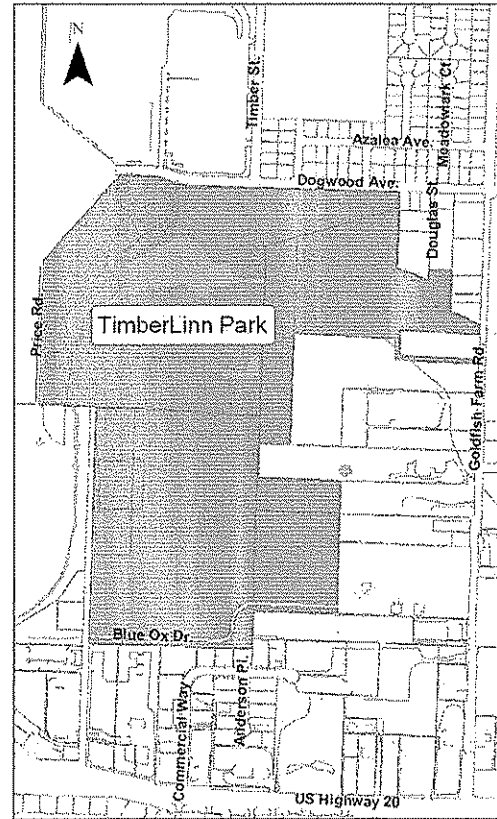
Total Cost: \$1,300,000

This project provides for various improvements that are related to the implementation of the 2006 Timber Linn Park Plan and the establishment of the new YMCA at the north end of Timber Linn Park.

Operating Budget Impact: This project will increase annual operation and maintenance costs approximately \$40,000 in order to cover custodial services, supplies, and utilities, net of revenue offsets. These costs exclude staff which is included in recreation program budgets and is fully offset with program fees.

Funding Sources For This Project:

<u>Activity</u> <u>Funding Source</u>	<u>Projected Amount</u>
202-35-1500 SDC - IMPROVEMENT - PARKS	\$1,300,000
Total:	\$1,300,000



Capital Improvement Program 2008-2012

Plan FY: 2007-2008 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

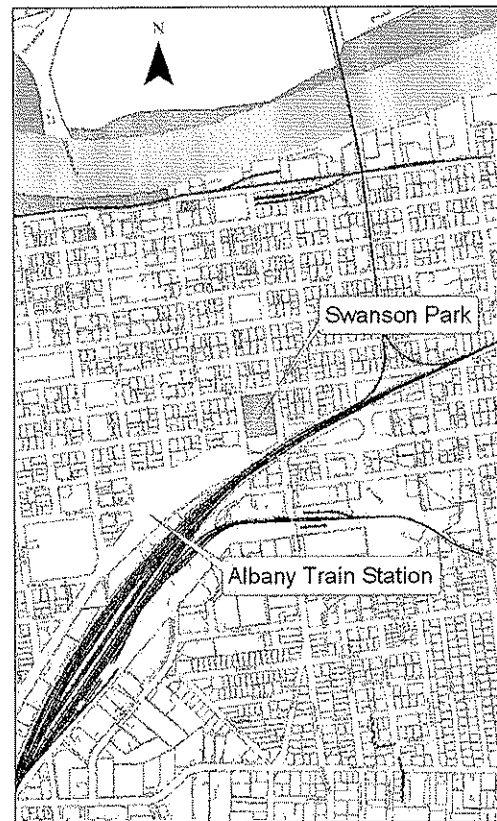
Total Cost: \$25,000

This project provides Parks funding for a portion of this project (see CIP Project #1796 Phase 3). 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: 2007-2008 NEIGHBORHOOD PARK DEVELOPMENT - TIMBERHILL SITE

CIP Project #: 1903

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

Plan Element: NP-2
Classification: Park Development

SDC

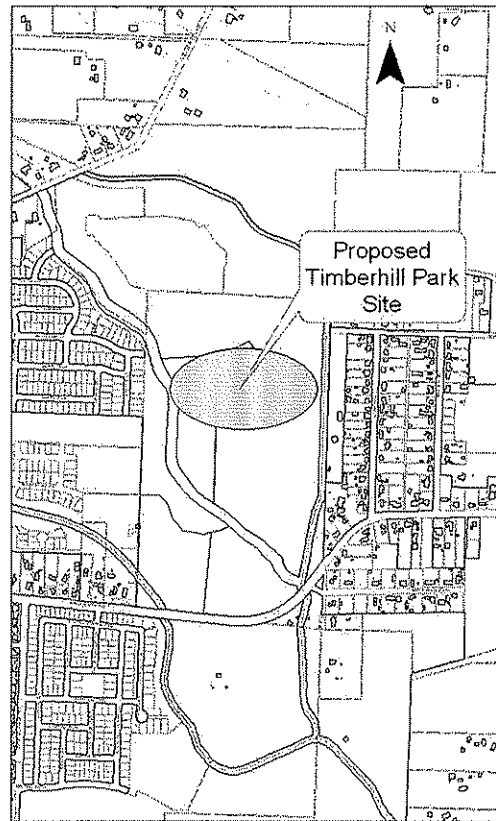
Total Cost: \$300,000

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

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

Funding Sources For This Project:

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



Capital Improvement Program 2008-2012

Plan FY: 2007-2008 EADES PARK DEVELOPMENT

CIP Project #: 1922

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

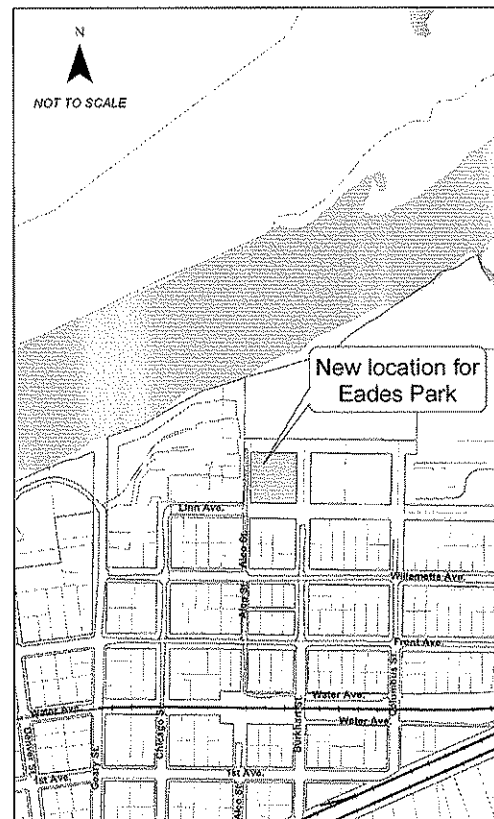
Total Cost: \$125,000

Eades Park has been moved to a new location at the corner of Linn Avenue and Alcoe Street, in order to accommodate the expansion of the wastewater treatment plant. This project funds improvements to the new site, including playground equipment, picnic area, lighting, and paths. The project will be constructed by Parks and Public Works employees. Funds will be used to purchase equipment and materials.

Operating Budget Impact: Approximately \$8,000 will be required annually to maintain the grounds and minimal facilities. This expense is partially offset by savings which accrue due to the closure of the existing Eades Park.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
202-35-1408	PARKS AND RECREATION	\$50,000
601-50-2500	SEWER RATES/OPERATING REVENUES	\$75,000
Total:		\$125,000



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

CIP Project #: 1886

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

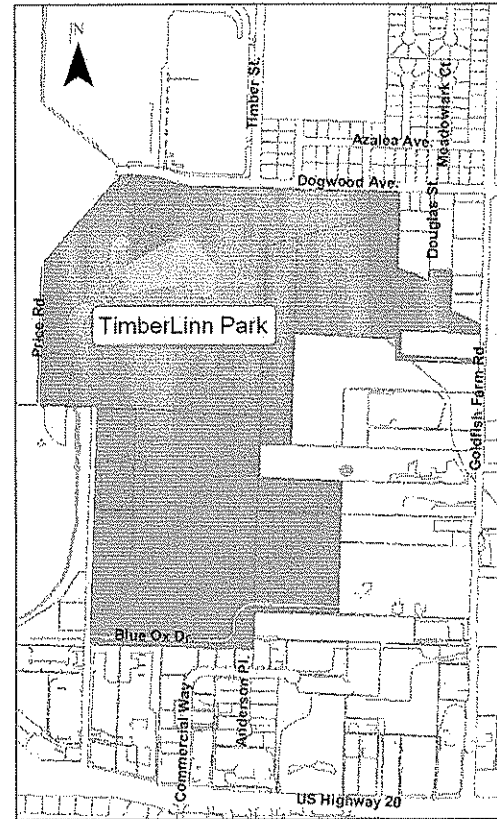
Total Cost: \$400,000

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

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

Funding Sources For This Project:

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



Capital Improvement Program 2008-2012

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

CIP Project #: 1895

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

SDC

Total Cost: \$1,500,000

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

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

Funding Sources For This Project:

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

Plan FY: 2008-2009 DRAPER PARK PLAYGROUND REPLACEMENT

CIP Project #: 1896

Master Plan: Parks Master Plan Plan Element:
 Category: Parks Classification: Replacement Projects
 Department: Parks & Recreation Department

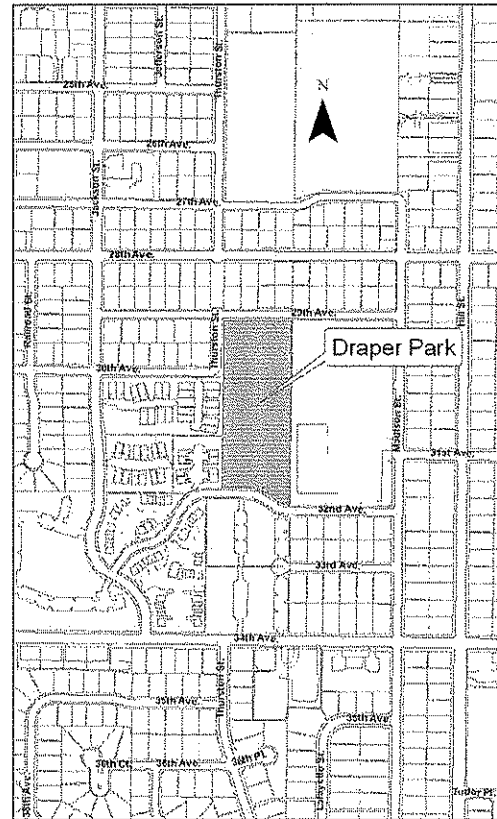
Total Cost: \$150,000

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

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

Funding Sources For This Project:

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



Capital Improvement Program 2008-2012

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

CIP Project #: 1897

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

SDC

Total Cost: \$150,000

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

Operating Budget Impact: This project will increase operation and maintenance expenses approximately \$3,000 per year in order to conduct weekly cleaning activities during the rental season.

Funding Sources For This Project:

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

Plan FY: 2009-2010 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

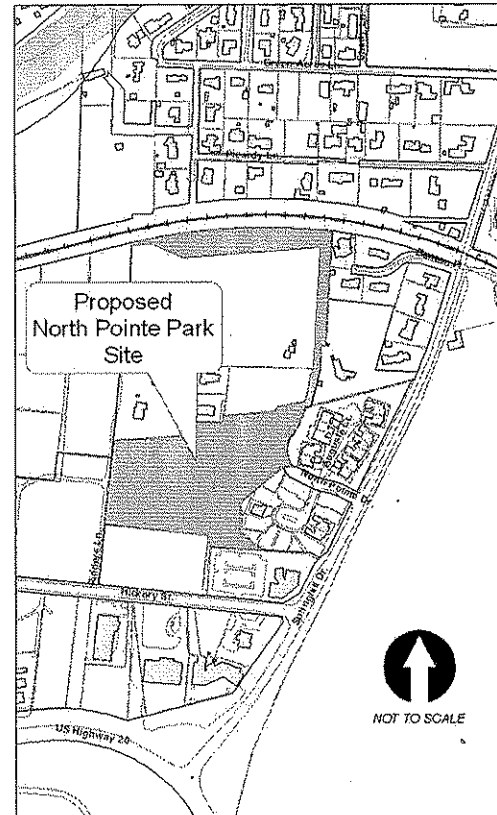
Total Cost: \$400,000

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



Capital Improvement Program 2008-2012

Plan FY: 2009-2010 HACKLEMAN PARK SHELTER REPLACEMENT

CIP Project #: 1891

Master Plan: Parks Master Plan **Plan Element:**
Category: Parks **Classification:** Replacement Projects
Department: Parks & Recreation Department

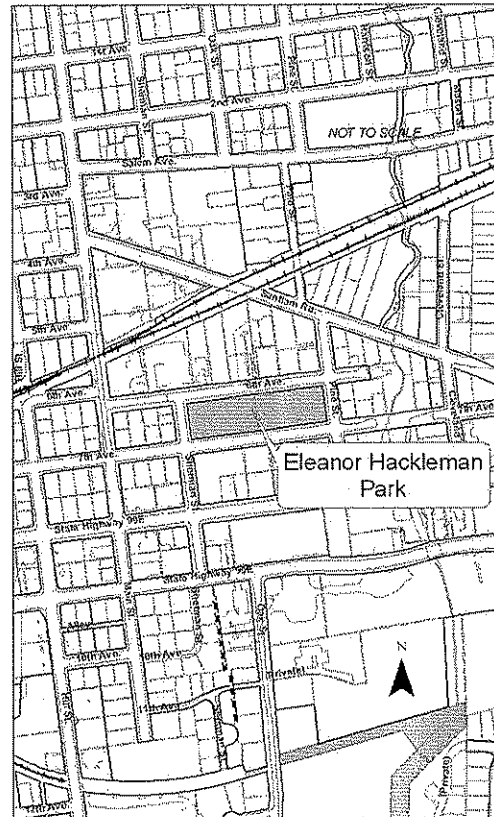
Total Cost: \$75,000

Improvements will replace the existing outdated shelter with a new and larger design.

Operating Budget Impact: This project will have no impact on operation and maintenance expenses as it is replacing an existing shelter.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
	FUTURE DONATIONS	\$75,000
	Total:	\$75,000



Plan FY: 2009-2010 SUNRISE PARK PLAYGROUND REPLACEMENT

CIP Project #: 1892

Master Plan: Parks Master Plan Plan Element:
 Category: Parks Classification: Replacement Projects
 Department: Parks & Recreation Department

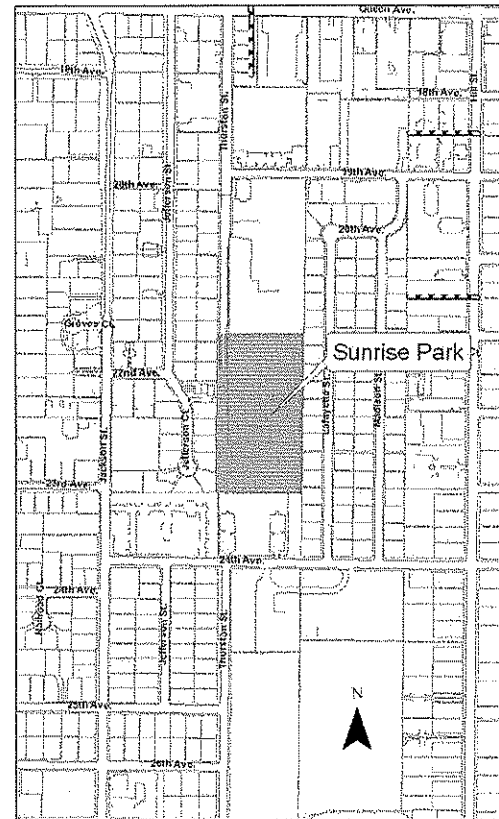
Total Cost: \$150,000

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

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

Funding Sources For This Project:

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



Capital Improvement Program 2008-2012

Plan FY: 2009-2010 DEERFIELD PARK RENOVATION

CIP Project #: 1893

Master Plan: Parks Master Plan **Plan Element:**
Category: Parks **Classification:** Park Renovations
Department: Parks & Recreation Department

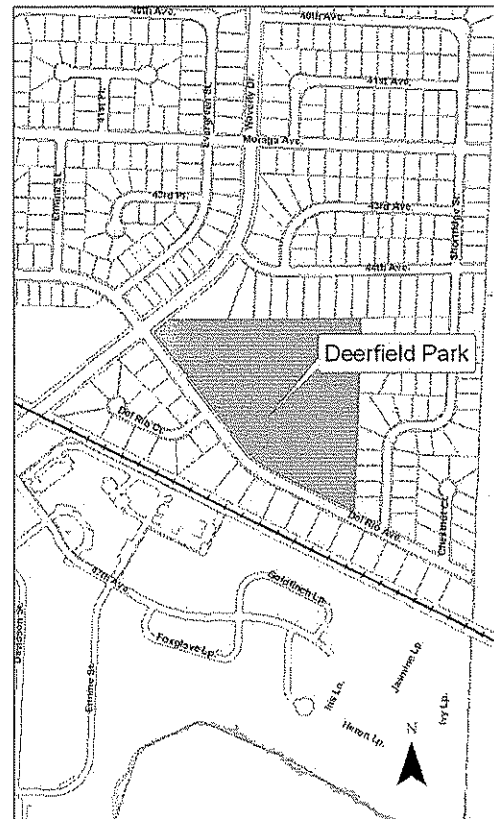
Total Cost: \$400,000

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

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

Funding Sources For This Project:

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



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

CIP Project #: 1904

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

Plan Element: NP-2
 Classification: Park Development

SDC

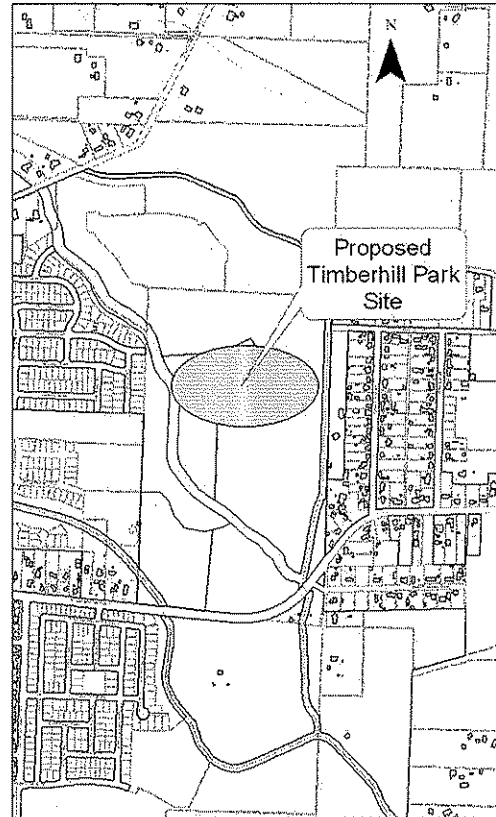
Total Cost: \$200,000

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

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

Funding Sources For This Project:

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



Capital Improvement Program 2008-2012

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

CIP Project #: 1887

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

Plan Element:
Classification: Park Development

SDC

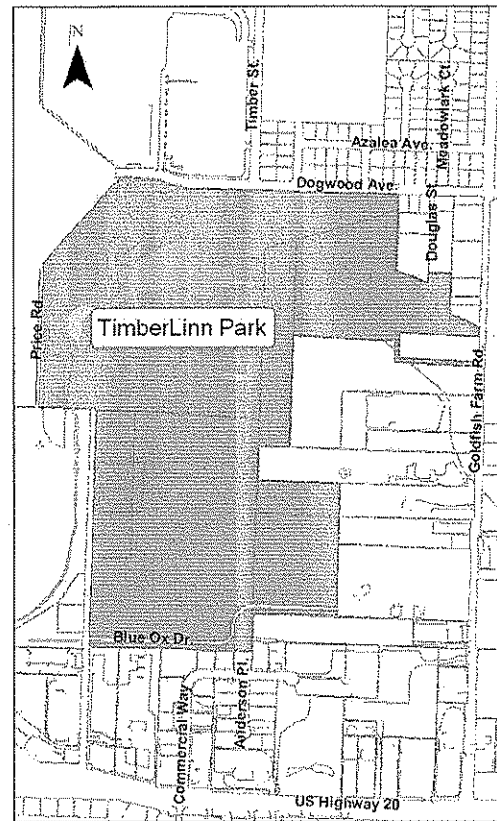
Total Cost: \$600,000

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

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

Funding Sources For This Project:

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



Plan FY: 2010-2011 GRAND PRAIRIE PARK PLAYGROUND REPLACEMENT

CIP Project #: 1889

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

Plan Element:
Classification: Replacement Projects

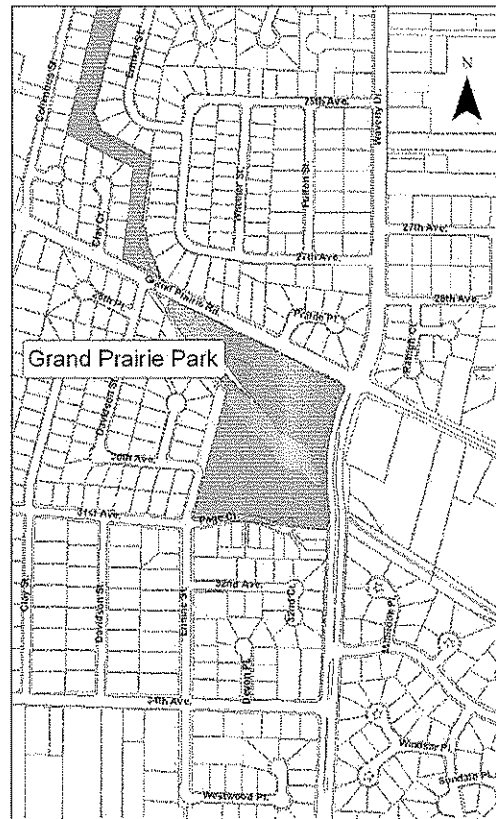
Total Cost: \$150,000

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

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

Funding Sources For This Project:

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



Plan FY: 2010-2011 LEHIGH PARK PLAYGROUND REPLACEMENT

CIP Project #: 1890

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

Plan Element:
Classification: Replacement Projects

Total Cost: \$150,000

This project replaces the existing outdated playground equipment at Lehigh Park.

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

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
	FUTURE DONATIONS	\$50,000
202-35-1408	PARKS AND RECREATION	\$100,000
	Total:	\$150,000



Plan FY: 2011-2012 NEIGHBORHOOD PARK DEVELOPMENT - HENSHAW FARMS SITE
 CIP Project #: 1885

Master Plan: Parks Master Plan Plan Element: NP-5
 Category: Parks Classification: Park Development
 Department: Parks & Recreation Department

SDC

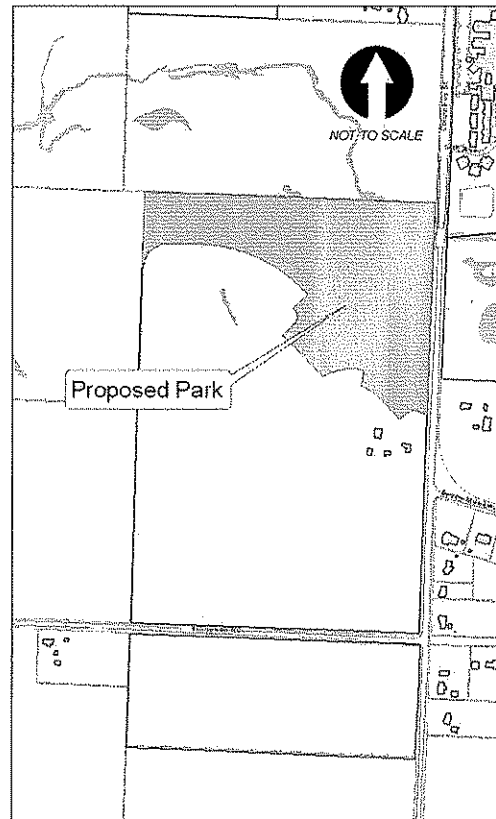
Total Cost: \$450,000

This project provides for initial development of a new park on the Henshaw Farms site, which is to be donated by the developer to the City in 2007-08.

Operating Budget Impact: This project will increase annual operation and maintenance expenses by approximately \$15,000 to provide grounds maintenance for 3 acres.

Funding Sources For This Project:

Activity	Funding Source	Projected Amount
	202-35-1500 SDC - IMPROVEMENT - PARKS	\$450,000
Total:		\$450,000



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

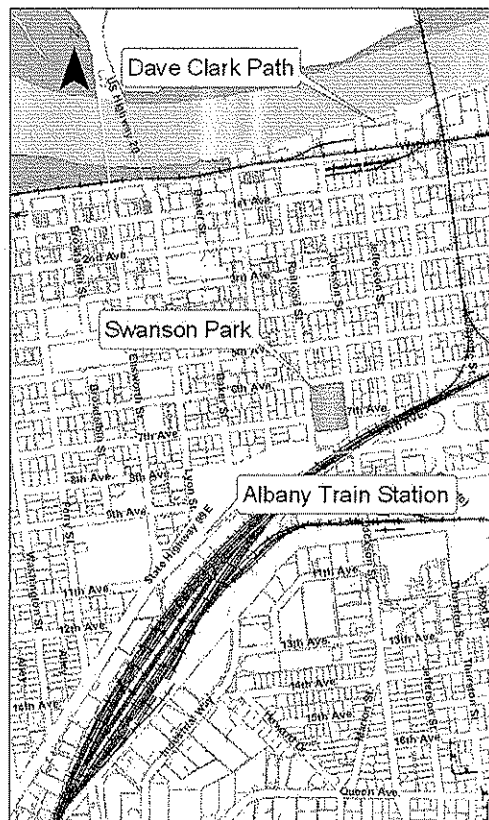
Total Cost: \$200,000

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



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 upon the City's population. The current annual amount is approximately \$370,000. These funds are used for specific road rehabilitation projects based on street condition and traffic volume. Due to the small amount of available funding and the high cost to complete large projects, the City will some times skip undertaking a project one year so two or more year's STP funding can be pooled to fund the needed projects.

Acknowledging Our Problems

Albany's streets are not being properly maintained because of a lack of money. The number of miles of streets is growing, the cost to maintain streets is increasing, and the amount of money available to fund street maintenance activities from the community's share of the State Gas Tax is not sufficient.

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

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

Funding On Hold

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

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

Transportation System Plan

The City is currently updating the City's Transportation System Plan (TSP). The City's existing TSP was completed in 1997. Since completion of the TSP there has been a lot of development, land use changes, and many of the identified projects in the TSP have been



completed. With the current pace of development in the city, staff anticipates an update of the TSP should take place about every 10 years to keep it relevant. This will allow the plan to stay current with changing development patterns, revisit difficult project areas, and update the financial options available to the City Council to address transportation needs.

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

Funding Summary

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

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

Projected Cost Totals

FUNDING SOURCE	2008	2009	2010	2011	2012	TOTAL
Capital Reserves	\$1,305,000	\$40,000	\$181,000	\$40,000	\$493,000	\$2,059,000
Economic Development	\$92,000	\$0	\$0	\$0	\$0	\$92,000
Equipment Replacement	\$93,000	\$0	\$0	\$0	\$0	\$93,000
Federal Grants	\$529,000	\$0	\$0	\$0	\$0	\$529,000
Linn County	\$1,500,000	\$0	\$0	\$0	\$0	\$1,500,000
Loan – State of Oregon	\$4,500,000	\$0	\$0	\$0	\$0	\$4,500,000
ODOT Rail	\$250,000	\$0	\$0	\$0	\$0	\$250,000
SDC– Improvement – Transportation	\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000
State Highway Fund (Gas Tax)	\$0	\$200,000	\$0	\$0	\$0	\$200,000
State IOF Grant	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000
State of Oregon	\$845,000	\$161,000	\$584,000	\$0	\$745,000	\$2,335,000
UP RR	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Water Rates/Operating Revenues	\$0	\$11,000	\$22,000	\$0	\$0	\$33,000
GRAND TOTALS:	\$12,364,000	\$412,000	\$787,000	\$40,000	\$1,238,000	\$14,841,000

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: 2007 - 2008		
1787	ALBANY AIRPORT FIBER OPTIC IMPROVEMENTS	\$20,000
1800	BICYCLE AND PEDESTRIAN IMPROVEMENT GRANT MATCH	\$40,000
1852	ALBANY MUNICIPAL AIRPORT LANDSCAPING	\$54,000
1868	53RD AVENUE EXTENSION	\$9,500,000
1882	ALBANY AIRPORT FAA IMPROVEMENTS	\$174,000
1883	ALBANY TRANSIT SYSTEM - BUS REPLACEMENT	\$466,000
1913	WAVERLY DRIVE REHABILITATION, PHASE 1	\$1,970,000
1918	WATER AVENUE STREETScape PLAN	\$130,000
1919	GIBSON HILL RD/OAK GROVE DR. PEDESTRIAN PATH ASSESSMENT - GIBSON HILL PARK TO OAK GROVE SCHOOL	\$10,000
Total for FY 2007 - 2008		\$12,364,000
Plan Year: 2008 - 2009		
1801	BICYCLE AND PEDESTRIAN IMPROVEMENT GRANT MATCH	\$40,000
1856	2 WAVERLY DRIVE REHABILITATION, PHASE 2	\$172,000
1914	INTERSTATE-5 EXPANSION THROUGH CITY OF ALBANY	\$200,000
Total for FY 2008 - 2009		\$412,000
Plan Year: 2009 - 2010		
1802	BICYCLE AND PEDESTRIAN IMPROVEMENT GRANT MATCH	\$40,000
1857	QUEEN AVENUE STREET REHABILITATION	\$747,000
Total for FY 2009 - 2010		\$787,000
Plan Year: 2010 - 2011		
1860	BICYCLE AND PEDESTRIAN IMPROVEMENT GRANT MATCH	\$40,000
Total for FY 2010 - 2011		\$40,000
Plan Year: 2011 - 2012		
1907	BICYCLE AND PEDESTRIAN IMPROVEMENT GRANT MATCH	\$40,000
1908	JACKSON STREET RECONSTRUCTION	\$1,198,000
Total for FY 2011 - 2012		\$1,238,000
Grand Total for Transportation:		\$14,841,000

Plan FY: 2007-2008 ALBANY AIRPORT FIBER OPTIC IMPROVEMENTS

CIP Project #: 1787

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

Plan Element: Field Improvements/Upgrades
Classification: Airport

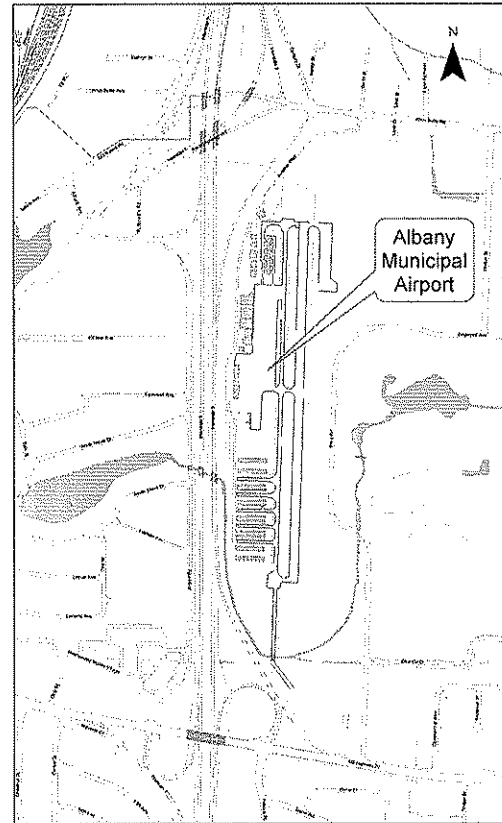
Total Cost: \$20,000

Installation of fiber optic cable onto the airfield. This project would entail extending the fiber optic cable that will terminate at Century Drive and Knox Butte Road to the fixed base operator building. Extending fiber to the central utility building will facilitate greatly enhanced telephone, internet, and security services for the airport, as well as significantly improving its market appeal. Approximately 2,050 feet of 48/pair fiber cable is required. The estimate is for 3-inch conduit only and assumes trenching is donated by pilots and cable is installed by franchise utility.

Operating Budget Impact: This project will not impact operating and maintenance costs as it only installs conduit. Maintenance of cables in the conduit will be the responsibility of the utility provider.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
211-16-1103	ECONOMIC DEVELOPMENT	\$20,000
	Total:	\$20,000



Plan FY: 2007-2008 BICYCLE AND PEDESTRIAN IMPROVEMENT GRANT MATCH

CIP Project #: 1800

Master Plan:

Category: Transportation
Department: Public Works Department

Plan Element:

Classification: Pedestrian & Bikeway

Total Cost: \$40,000

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

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

Funding Sources For This Project:

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

Capital Improvement Program 2008-2012

Plan FY: 2007-2008 ALBANY MUNICIPAL AIRPORT LANDSCAPING

CIP Project #: 1852

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

Plan Element: Development Program
Classification: Airport

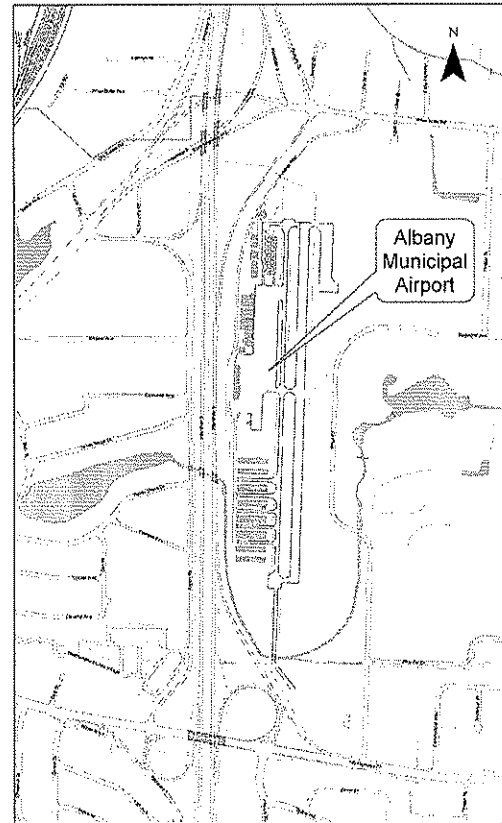
Total Cost: \$54,000

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

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

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
211-16-1103	ECONOMIC DEVELOPMENT	\$54,000
	Total:	\$54,000



Plan FY: 2007-2008 53RD AVENUE EXTENSION

CIP Project #: 1868

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

SDC

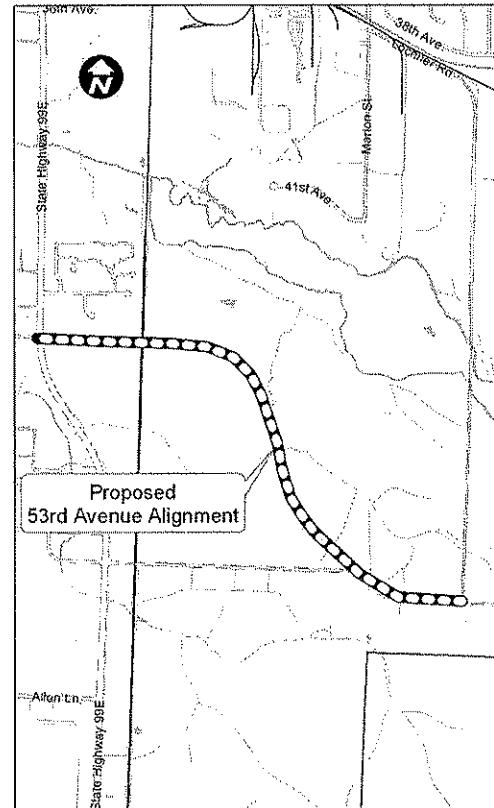
Total Cost: \$9,500,000

This project will complete a vital east-west transportation link in southern Albany. It will provide a grade-separated crossing of the Union Pacific railroad tracks. These tracks present a major obstacle to efficient east-west vehicular traffic movement in Albany. This improvement is required to serve the Gatorade development.

The project will construct a new arterial street from the intersection of 53rd Avenue and Highway 99E to the intersection of Ellingson Road and Lochner Road. The improvements will include a bridge over the Union Pacific railroad tracks.

A local improvement district will be formed to pay for costs not covered by the City, County, and ODOT.

Operating Budget Impact: The construction of this new road increases the miles of road to be maintained in the City. This will increase street maintenance costs to provide street sweeping, electricity for street lights and traffic signals, and routine maintenance of the street, signs, traffic signal, and pedestrian/bikeway facilities.



Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
	LOAN - STATE OF OREGON	\$4,500,000
	UP RR	\$250,000
	ODOT RAIL	\$250,000
	STATE IOF GRANT	\$1,000,000
	LINN COUNTY	\$1,500,000
	250-50-2702SDC - IMPROVEMENT - TRANSPORTATION	\$2,000,000
	Total:	\$9,500,000

Capital Improvement Program 2008-2012

Plan FY: 2007-2008 ALBANY AIRPORT FAA IMPROVEMENTS

CIP Project #: 1882

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

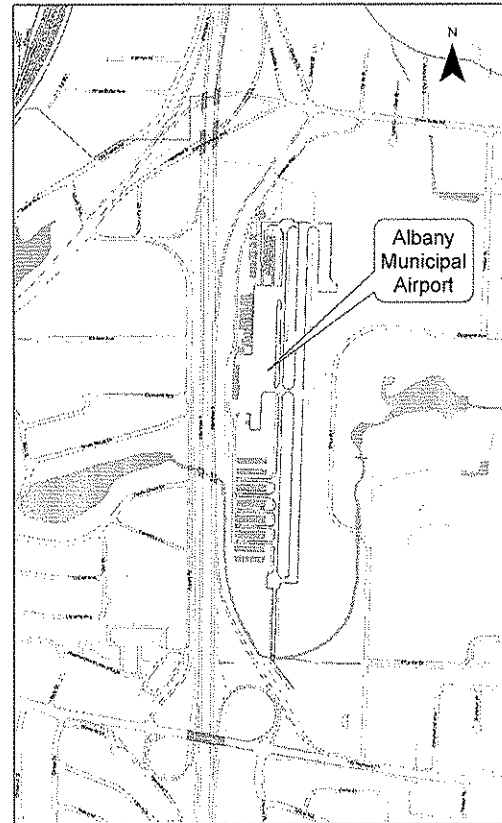
Total Cost: \$174,000

Planned improvements include fencing for improved security.

Operating Budget Impact: This project will not impact operation and maintenance activities.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
	FEDERAL GRANTS	\$156,000
211-16-1103	ECONOMIC DEVELOPMENT	\$18,000
	Total:	\$174,000



Plan FY: 2007-2008 ALBANY TRANSIT SYSTEM - BUS REPLACEMENT

CIP Project #: 1883

Master Plan: Transportation Master Plan **Plan Element:**
Category: Transportation **Classification:** Transit & Rail
Department: Economic Development

Total Cost: \$466,000

Albany Transit System bus #470 has reached the end of its scheduled service life (12 years). Replacement of this full sized bus with two mid-sized buses will allow more flexibility in route planning and transit services. Replacement is anticipated to be 80 percent funded by the Federal Transit Administration (FTA).

Operating Budget Impact: The purchase of two smaller buses will increase insurance, fuel expense, and wages and salaries/benefits for an additional transit operator. However, because of warranties, vehicle maintenance expenses are not expected to increase in the first year.

Funding Sources For This Project:

<u>Activity</u> <u>Funding Source</u>	<u>Projected Amount</u>
217-10-1010 EQUIPMENT REPLACEMENT	\$93,000
203-50-5035 FEDERAL GRANTS	\$373,000
Total:	\$466,000

Capital Improvement Program 2008-2012

Plan FY: 2007-2008 WAVERLY DRIVE REHABILITATION, PHASE 1

CIP Project #: 1913

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

Plan Element:
Classification: Street Reconstruction/Improvements

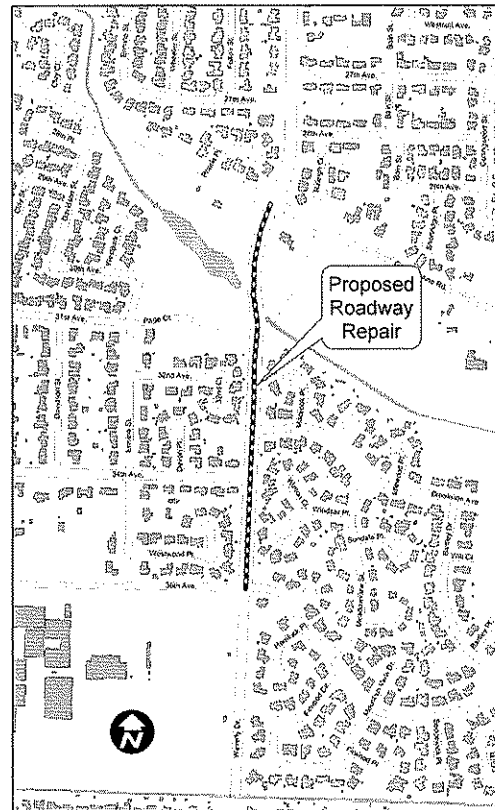
Total Cost: \$1,970,000

This project includes pavement rehabilitation and reconstruction of the median island on Waverly Drive between Grand Prairie Road and 36th Avenue. The existing pavement is rutted and cracked from heavy truck traffic and needs to be replaced. In addition, the travel lanes are too narrow for the current speed limit. To correct this unsafe condition, the existing 16-foot wide median island will be replaced with a new 10-foot wide median island to allow for wider lanes.

Operating Budget Impact: This project will reduce street maintenance costs in the long term with fewer pothole and patching repairs and fewer responses to customer complaints.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
250-50-2700	CAPITAL RESERVES	\$1,125,000
250-50-2700	STATE OF OREGON	\$845,000
Total:		\$1,970,000



Plan FY: 2007-2008 WATER AVENUE STREETSCAPE PLAN

CIP Project #: 1918

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

Total Cost: \$130,000

The City of Albany is interested in energizing its downtown core area and riverfront. A major part of that effort involves the transition of the Water Avenue corridor from its former function as an industrial waterfront to a vibrant mixed use urban waterfront. Much of Water Avenue lacks standard urban street facilities such as curb, gutter, and sidewalk. An active rail line runs along the corridor, complicating redevelopment of sites located between Water Avenue and the Willamette River.

In order to encourage redevelopment along the corridor, the City must establish a streetscape plan. The plan should identify improvements required to create a pedestrian-friendly facility that allows for access by all transportation modes, address access issues relating to the rail line, and identify aesthetic improvements that take advantage of Albany's frontage along the Willamette River.

Operating Budget Impact: There is no impact to street maintenance costs because this is a planning document.

Funding Sources For This Project:

<u>Activity</u> <u>Funding Source</u>	<u>Projected Amount</u>
250-50-2700 CAPITAL RESERVES	\$130,000
	<hr/>
Total:	\$130,000

**Plan FY: 2007-2008 GIBSON HILL RD/OAK GROVE DR. PEDESTRIAN PATH
ASSESSMENT – GIBSON HILL PARK TO OAK GROVE SCHOOL**

CIP Project #: 1919

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

Total Cost: \$10,000

This project will fund an engineering analysis of the feasibility of constructing a pedestrian path along Gibson Hill Road and Oak Grove Drive between Gibson Hill Park and Oak Grove School. Funding for this project is the result of Council direction in response from a request of a citizens group from North Albany working with the "Safe Routes to School" program.

The analysis will evaluate location options, right-of-way restrictions, and how the path may tie into future roadway improvements to Gibson Hill Road. The analysis will provide cost estimates and potential funding sources to be considered by the Council. Since both Gibson Hill Road and Oak Grove Drive are under the jurisdiction of Benton County, extensive cooperation with Benton County will be needed on this analysis as well.

Operating Budget Impact: There is no impact to street maintenance costs because this is a planning document.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
250-50-2700	CAPITAL RESERVES	\$10,000
	Total:	\$10,000

Plan FY: 2008-2009 BICYCLE AND PEDESTRIAN IMPROVEMENT GRANT MATCH
CIP Project #: 1801

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

Total Cost: \$40,000

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

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

Funding Sources For This Project:

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

Capital Improvement Program 2008-2012

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

CIP Project #: 1856 Phase: 2

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

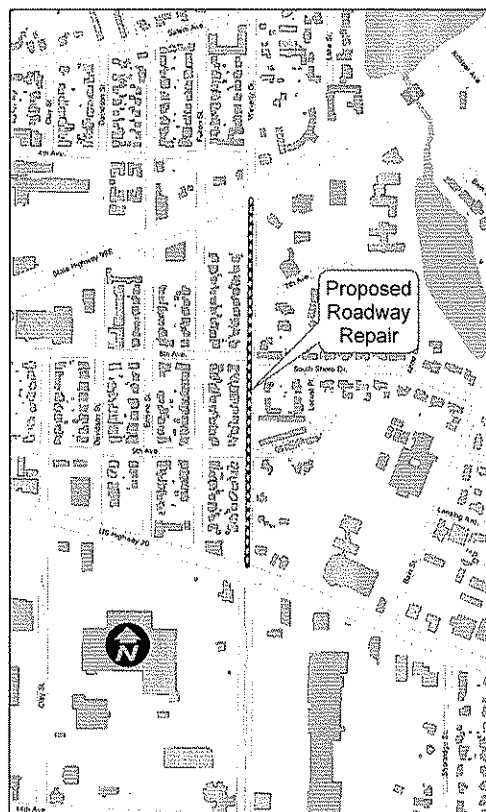
Total Cost: \$172,000

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

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

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
615-50-2308	WATER RATES/OPERATING REVENUES	\$11,000
250-50-2700	STATE OF OREGON	\$161,000
	Total:	\$172,000



Plan FY: 2008-2009 INTERSTATE-5 EXPANSION THROUGH CITY OF ALBANY

CIP Project #: 1914

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

Total Cost: \$200,000

This project provides City funds to the state for development of the appropriate federal environmental documents needed to modernize Interstate-5 (I-5) through the City with additional travel lanes, upgraded and replaced interchanges, and frontage roads. This contribution is being made in return for an equal amount of money the state previously contributed from State Planning and Research (SPR) funds towards updating Albany's Transportation System Plan (TSP).

Operating Budget Impact: This project has no impact on street maintenance costs because it is a planning document.

Funding Sources For This Project:

<u>Activity</u> <u>Funding Source</u>	<u>Projected Amount</u>
250-50-2700 STATE HIGHWAY FUND (Gas Tax)	\$200,000
Total:	\$200,000

Plan FY: 2009-2010 BICYCLE AND PEDESTRIAN IMPROVEMENT GRANT MATCH

CIP Project #: 1802

Master Plan:

Plan Element:

Category: Transportation

Classification: Pedestrian & Bikeway

Department: Public Works Department

Total Cost: \$40,000

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

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

Funding Sources For This Project:

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

Plan FY: 2009-2010 QUEEN AVENUE STREET REHABILITATION

CIP Project #: 1857

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

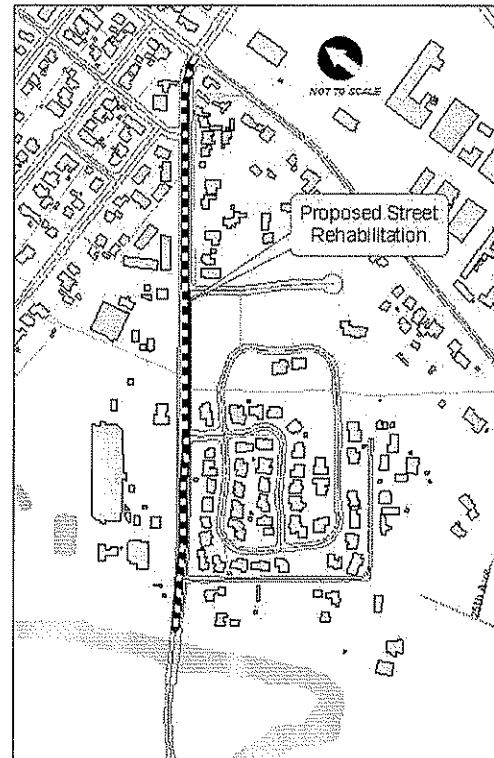
Total Cost: \$747,000

This project includes pavement rehabilitation in the travel lanes and an asphalt overlay of the entire street on Queen Avenue from Broadway Street west to the city limits. The existing pavement in the travel lanes is cracked and rutted due to heavy truck traffic and inadequate asphalt thickness. Also included in this project is a 120 feet of 8-inch ductile iron waterline to connect the waterline in Lincoln Street to the line in Queen Avenue.

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

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
250-50-2700	STATE OF OREGON	\$584,000
615-50-2308	WATER RATES/OPERATING REVENUES	\$22,000
250-50-2700	CAPITAL RESERVES	\$141,000
Total:		\$747,000



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

CIP Project #: 1860

Master Plan:

Plan Element:

Category: Transportation

Classification: Pedestrian & Bikeway

Department: Public Works Department

Total Cost: \$40,000

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

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

Funding Sources For This Project:

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

Plan FY: 2011-2012 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 CAPITAL RESERVES	\$40,000
Total:	\$40,000

Capital Improvement Program 2008-2012

Plan FY: 2011-2012 JACKSON STREET RECONSTRUCTION

CIP Project #: 1908

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

Plan Element:
Classification: Street Reconstruction/Improvements

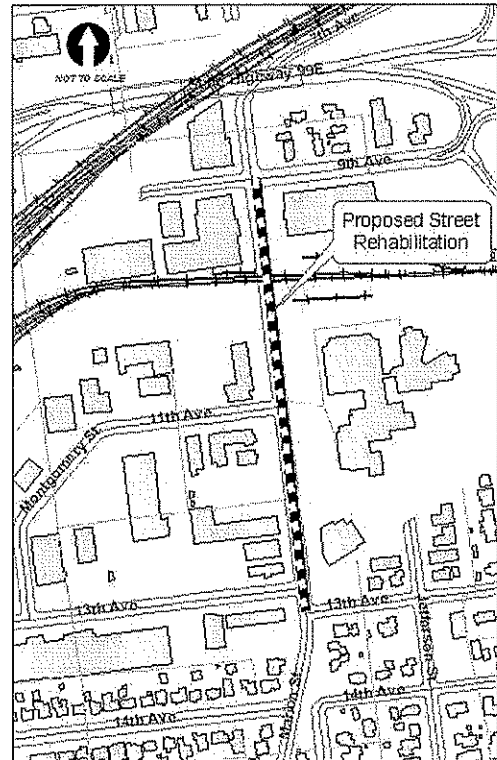
Total Cost: \$1,198,000

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

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

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
250-50-2700	CAPITAL RESERVES	\$453,000
250-50-2700	STATE OF OREGON	\$745,000
	Total:	\$1,198,000



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	\$177,000
1697	2	0	REHABILITATE THE FIXED BASE OPERATOR BUILDING	\$200,000
1697	3	0	REHABILITATE THE FIXED BASE OPERATOR BUILDING	\$238,000
1700		0	ACQUIRE PROPERTY - RUNWAY 16 RPZ	\$30,000
1876		0	AIRPORT STORM DRAINAGE ANALYSIS	\$50,000
1877		0	REHABILITATE OPEN T-HANGER TAXIWAY / DRAINAGE	\$80,000
1878		0	SEWER EXTENSION TO SOUTH HANGERS	\$280,000
1879		0	LANDSCAPE FBO FRONTAGE	\$220,000
1880		0	SEWER EXTENSION TO NORTH HANGERS	\$600,000
1881		0	RUNWAY 34 SAFETY OVERRUN PROTECTION	\$320,000
Total for Unfunded Airport:				\$2,195,000

Bridges

CIP #	Phase	Year	Title	Projected Total
1061		0	3RD AVE/BRYANT WAY AT CALAPOOIA RIVER	\$95,000
1063		0	7TH AVENUE AT ALBANY CANAL	\$61,000
1064		0	9TH AVENUE AT ALBANY CANAL	\$56,000
1065		0	10TH AVENUE AT ALBANY CANAL	\$39,000
1066		0	11TH AVENUE AT ALBANY CANAL	\$33,000
1067		0	COLUMBUS STREET AT ALBANY CANAL	\$47,000
1069		0	SALEM AVENUE AT PERIWINKLE CREEK	\$45,000
Total for Unfunded Bridges:				\$376,000

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	\$139,000
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/SANTAM HIGHWAY AND SPICER DR/I-5 NB RAMPS	\$70,000
1147		0	NW GIBSON HILL ROAD AND NW CROCKER LN	\$237,000
1148		0	KNOX BUTTE ROAD AND CENTURY DR/I-5 NB OFF-RAMP	\$160,000
1149		0	KNOX BUTTE ROAD AND I-5 NB OFF-RAMP - SIGNALS	\$334,000
1150		0	NW NORTH ALBANY ROAD AND NW HICKORY STREET	\$237,000
1188		0	ALBANY BY-PASS BRIDGE STUDY	\$50,000
1793	1	0	TIMBER STREET RIGHT-OF-WAY ACQUISITION	\$3,204,000
1793	2	0	TIMBER STREET IMPROVEMENTS	\$4,273,000

CIP #	Phase	Year	Title	Projected Total
1794		0	EAST I-5, SOUTH	\$6,729,000
Total for Unfunded Miscellaneous - Transportation:				\$15,461,000

New Construction

CIP #	Phase	Year	Title	Projected Total
1118		0	MAJOR AND MINOR COLLECTORS IN EAST ALBANY	\$63,131,000
1119		0	FESCUE ST EXTENSION, SPICER TO FESCUE & SOUTH OF FESCUE TO THREE LAKES ROAD	\$8,771,000
1121		0	GOLDFISH FARM ROAD EXTENSION, SOUTH TO SPICER DR	\$4,143,000
1122		0	MAJOR COLLECTOR, SPICER DR TO GOLDFISH FARM ROAD	\$4,287,000
1123		0	DUNLAP AVENUE, CENTURY DR TO NEW MAJOR COLLECTOR	\$2,651,000
1124		0	MAJOR COLLECTOR, DUNLAP AVENUE TO KNOX BUTTE ROAD	\$4,287,000
1126		0	PRINCIPAL ARTERIAL IN SOUTH ALBANY, PACIFIC BLVD/SR 99E TO LOCHNER ROAD	\$14,498,000
1127		0	LOCHNER ROAD EXTENSION, SOUTH TO UGB (FOR EVENTUAL CONNECTION TO BETA DR OUTSIDE UGB)	\$1,740,000
1128		0	MAJOR COLLECTOR IN SOUTH ALBANY, LOCHNER ROAD TO COLUMBUS ST	\$7,796,000
1129		0	LOONEY LN EXTENSION, SOUTH TO ALLEN LN	\$2,409,000
1130		0	BETA DR, PACIFIC BLVD/SR 99E TO UGB (FOR EVENTUAL CONNECTION TO LOCHNER ROAD EXTENSION, OUTSIDE UGB)	\$4,678,000
1134		0	ELLINGSON ROAD, COLUMBUS TO I-5 FUTURE ALIGNMENT	\$2,784,000
1136		0	MINOR COLLECTOR BETWEEN FESCUE AND THREE LAKES ROAD	\$1,930,000
1137		0	PACIFIC BLVD/SR 99E AND WAVERLY DR	\$905,000
1187		0	14TH AVE, CALAPOOIA TO VINE	\$213,000
1676		0	NORTH ALBANY ROAD, CROCKER LANE TO COVEY RUN SUBDIVISION	\$1,397,000
1677		0	GIBSON HILL ROAD, CROCKER LANE TO SCENIC DRIVE	\$4,359,000
Total for Unfunded New Construction:				\$129,979,000

Pavement Preservation

CIP #	Phase	Year	Title	Projected Total
1002	6	0	HILL ST, QUEEN TO 24TH AVENUE	\$1,475,000
1002	7	0	HILL ST, 24TH TO 28TH AVENUE	\$838,000
1002	8	0	HILL ST, 28TH TO 34TH AVENUE	\$1,017,000
1049		0	GEARY ST, FRONT AVENUE TO 14TH AVENUE (EXCEPT 7TH TO 9TH: PART OF COUPLET)	\$1,717,000
1051		0	JACKSON ST, 7TH AVENUE TO 9TH	\$592,000
1053		0	US 20, JUNIPER LN TO BLOSSOM LN	\$877,000
1055		0	9TH AVENUE, JACKSON TO PACIFIC/9TH COUPLET	\$315,000
1651		0	COLUMBUS STREET - GRAND PRAIRIE TO 34TH AVENUE	\$168,000
Total for Unfunded Pavement Preservation:				\$6,999,000

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

Capital Improvement Program 2008-2012

CIP #	Phase	Year	Title	Projected Total
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	BRYAN'T WAY BIKE LANES, VINE STREET TO ALBANY UGB	\$175,000
1086		0	LIBERTY ST BIKE LANES, 24TH AVENUE TO QUEEN AVE	\$8,000
1087		0	LOONEY LANE, SOUTH OF BELMONT AVE	\$2,000
1089		0	US 20/ELLSWORTH ST, 1ST AVENUE TO 9TH AVE	\$10,000
1090		0	US 20/LYON ST, 9TH AVENUE TO 1ST AVE	\$10,000
1091		0	WASHINGTON ST, 9TH AVENUE TO 14TH AVE	\$9,000
1092		0	24TH AVENUE, LIBERTY ST TO PACIFIC BLVD/SR 99E	\$82,000
1094		0	BRYAN'T WAY SIDEWALK, ALBANY UGB TO CALAPOOIA RIVER BRIDGE	\$167,000
1095		0	COLUMBUS ST, DEL RIO AVENUE TO WAVERLY DRIVE	\$51,000
1097		0	CONNECTION BETWEEN LINN AVENUE AND KNOX BUTTE ROAD, EAST OF TIMBER ST	\$19,000
1098		0	CONNECTION BETWEEN LINN-BENTON COMMUNITY COLLEGE AND LOONEY LN	\$135,000
1099		0	CONNECTION BETWEEN NORTH ALBANY SCHOOLS AND NW QUARRY ROAD	\$71,000
1100		0	CONNECTION BETWEEN NORTH ALBANY SCHOOLS AND NW SHADY LANE	\$342,000
1101		0	DEL RIO AVENUE, COLUMBUS ST TO SHORTRIDGE STREET	\$34,000
1103		0	GEARY ST, 21ST AVENUE TO GEARY PLACE	\$107,000
1104		0	GEARY ST, GRAND PRAIRIE ROAD TO 34TH AVE	\$150,000
1106		0	LIBERTY ST SIDEWALK, QUEEN AVENUE TO 24TH AVE	\$46,000
1107		0	MAIN ST, 2ND AVENUE TO SANTIAM AVE	\$50,000
1108		0	NW EDGEWOOD DR, NW SKYLINE DR TO W. THORNTON LAKE DR	\$358,000
1109		0	NW GIBSON HILL ROAD AT NW SUNNY LN AND NW PULVER LN	\$7,000
1110		0	NW SCENIC DR AT NW GIBSON HILL ROAD	\$7,000
1111		0	NW SPRING HILL ROAD, US 20 TO NW HICKORY ROAD	\$29,000
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	\$363,000
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	\$19,000
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	\$195,000
1186		0	CONNECTION BETWEEN NW JONES AVENUE AND RESIDENTIAL AREAS TO THE WEST	\$38,000
1867		0	MARION STREET, RAILROAD TRACKS TO LOCHNER ROAD	\$78,000
Total for Unfunded Pedestrian & Bikeway:				\$2,668,000

Street Reconstruction/Improvements

CIP #	Phase	Year	Title	Projected Total
1009		0	PACIFIC BOULEVARD/SR 99E AND QUEEN AVENUE	\$2,088,000
1011		0	US 20/SANTIAM HIGHWAY AND WAVERLY DR	\$2,812,000
1013		0	MAIN STREET INTERSECTIONS WITH 1ST AVENUE, 2ND AVENUE, SALEM AVENUE, SANTIAM ROAD	\$3,279,000
1014		0	US 20 AND NW SCENIC DR	\$56,000
1015		0	7TH AVENUE, HILL ST TO MAIN ST	\$203,000
1018		0	ALLEN LN, PACIFIC BLVD/SR 99E TO LOONEY LN	\$608,000

CIP #	Phase	Year	Title	Projected Total
1019		0	CENTURY DR, DUNLAP AVENUE TO ALBANY UGB	\$1,657,000
1021		0	COLUMBUS ST, WAVERLY DR TO ALBANY UGB	\$4,202,000
1022		0	NW CROCKER LN, NW GIBSON HILL ROAD TO NW VALLEY VIEW DR	\$1,313,000
1024		0	ELLINGSON ROAD, LOCHNER ROAD TO COLUMBUS ST	\$6,276,000
1025		0	NW GIBSON HILL ROAD, NW SCENIC DR TO NW CROCKER LN	\$2,756,000
1026		0	GOLDFISH FARM ROAD, KNOX BUTTE ROAD TO US 20/SANTIAM HIGHWAY	\$7,163,000
1027		0	GRAND PRAIRIE ROAD, WAVERLY DR TO ALBANY UGB	\$7,601,000
1028		0	KNOX BUTTE ROAD, CENTURY DRIVE TO TIMBER ST	\$441,000
1029		0	KNOX BUTTE ROAD, TIMBER STREET TO ALBANY UGB	\$11,277,000
1030		0	LOCHNER ROAD, MARION STREET TO ELLINGSON ROAD	\$10,437,000
1031		0	MAIN ST, SANTIAM ROAD TO 7TH AVE	\$948,000
1032		0	NW NORTH ALBANY ROAD, NW QUARRY ROAD TO NW GIBSON HILL ROAD	\$606,000
1033		0	NW QUARRY ROAD, NW NORTH ALBANY ROAD TO NW SPRING HILL DRIVE	\$2,260,000
1034		0	NW SCENIC DR, APPROX. 2800' SOUTH OF NW GIBSON HILL ROAD TO NORTHERLY ALBANY UGB	\$3,634,000
1035		0	SCRAVEL HILL ROAD, ALBANY UGB TO REALIGNED SEGMENT	\$11,021,000
1036		0	NW SKYLINE DR, NW GIBSON HILL TO NW MIRADA ST	\$631,000
1037		0	SPICER DR, US 20/SANTIAM HIGHWAY TO EAST END OF CIRCLE DR	\$161,000
1038		0	SPICER DR, THREE LAKES ROAD TO ALBANY UGB	\$4,182,000
1039		0	NW SPRING HILL DRIVE, NW HICKORY ROAD TO NW COUNTRY CLUB LANE	\$1,384,000
1040		0	NW SPRING HILL DRIVE, NW COUNTRY CLUB LANE TO ALBANY UGB	\$338,000
1041		0	THREE LAKES ROAD, SPICER DRIVE TO ALBANY UGB, NOT INCLUDING SEGMENT TO BE REALIGNED (PROJECT 213)	\$9,648,000
1042		0	US 20/SANTIAM HIGHWAY, PRICE ROAD TO GOLDFISH FARM ROAD	\$167,000
1043		0	US 20/SANTIAM HIGHWAY, GOLDFISH FARM ROAD TO ALBANY UGB	\$4,429,000
1044		0	NW VALLEY VIEW DR, NW SCENIC DR TO NW CROCKER LANE	\$1,962,000
1045		0	NW WEST THORNTON LAKE DR, NW NORTH ALBANY ROAD TO NW EDGEWOOD DR	\$3,304,000
1046		0	KENNEL ROAD, HWY 20 TO ALBANY UGB	\$263,000
1056		0	NW GIBSON HILL ROAD, NW CROCKER LN TO NORTH ALBANY ROAD	\$3,272,000
1057		0	NW PINEVIEW DR AND NW SCENIC DR	\$139,000
1071		0	LOCHNER ROAD, AT OAK CREEK	\$2,088,000
1131		0	THREE LAKES ROAD REALIGNMENT	\$2,559,000
1132		0	OAK GROVE ROAD REALIGNMENT	\$455,000
1133		0	SCRAVEL HILL ROAD REALIGNMENT	\$3,685,000
1138		0	US 20 AND NW SPRING HILL DRIVE	\$35,000
1141		0	US 20/LYON STREET AND 1ST AVENUE	\$28,000
1144		0	PACIFIC BLVD/SR 99E AND AIRPORT ROAD/ALBANY AVENUE	\$1,675,000
1151		0	NW NORTH ALBANY ROAD AND WEST THORNTON LAKE DR	\$1,669,000
1159		0	GEARY ST, 9TH AVENUE TO QUEEN AVE	\$3,148,000
1160		0	US 20, NW SCENIC DR TO NW NORTH ALBANY ROAD	\$12,453,000
1161		0	WAVERLY DR, QUEEN AVENUE TO GRAND PRAIRIE ROAD	\$2,349,000
1162		0	KNOX BUTTE INTERCHANGE (AKA NORTH ALBANY INTERCHANGE)	\$4,873,000
1163		0	SANTIAM INTERCHANGE	\$34,805,000
1164		0	INTERSTATE 5 MAINLINE, ALBANY NORTH CITY LIMITS TO SANTIAM INTERCHANGE	\$17,514,000
1443	1	0	OAK STREET, 9TH AVENUE TO QUEEN AVENUE	\$2,835,000
1652		0	SHORT RIDGE - HIGHWAY 20 TO 16TH AVENUE	\$402,000

Capital Improvement Program 2008-2012

CIP #	Phase	Year	Title	Projected Total
1653		0	37TH AVENUE - HIGHWAY 99 TO WEST END	\$352,000
Total for Unfunded Street Reconstruction/Improvements:				\$201,443,000

Traffic Signals

CIP #	Phase	Year	Title	Projected Total
1154		0	NW SPRING HILL DR AND NW HICKORY STREET	\$237,000
1157		0	US 20/SANTIAM HIGHWAY AND TIMBER STREET	\$306,000
Total for Unfunded Traffic Signals:				\$543,000

Transit & Rail

CIP #	Phase	Year	Title	Projected Total
1796	4	0	MULTIMODAL PHASE IV - RAIL PLATFORM	\$1,602,000
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:				\$2,622,000

Grand Total for Unfunded Transportation: \$362,286,000



CITY OF
Albany
OREGON

Wastewater

Meeting Environmental Challenges

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

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

In June 2006 Albany City Council awarded the construction contract for this project to Wildish Building Company through a competitive bidding process. The low bid contract award amount was \$50,286,567. Wildish began construction of the wastewater treatment plant expansion project in August 2006. Initial work has involved replacement and realignment of a section of the Riverfront Interceptor Sewer, construction of a screening wall, relocation of on-site utilities, and excavation for treatment units. Construction is scheduled to be completed in phases, with the first phase scheduled for completion in November 2008 and final completion in all respects scheduled for November 2009. This schedule will complete improvements ahead of the required completion date of December 31, 2009, as required in the City's order from the state.

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

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

Replacement Needs Prominent

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

Fixing the Problems

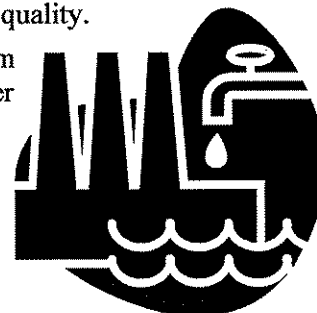
The City Council has adopted a Wastewater Master Plan and a Wastewater Financial Plan to begin to address these problems. The highlights include direction to:

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

- Reach a 100-year “perpetual life” replacement cycle.

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

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



Funding Summary

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

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

Projected Cost Totals

FUNDING SOURCE	2008	2009	2010	2011	2012	TOTAL
Loan – State of Oregon	\$1,050,000	\$0	\$0	\$0	\$0	\$1,050,000
SDC – Improvement – Sewer	\$12,440,000	\$4,100,000	\$110,000	\$1,412,000	\$2,867,000	\$20,929,000
Sewer Rates/Operating Revenues	\$25,976,000	\$5,841,000	\$867,000	\$954,000	\$1,501,000	\$35,139,000
GRAND TOTALS:	\$39,466,000	\$9,941,000	\$977,000	\$2,366,000	\$4,368,000	\$57,118,000

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

Funded Projects Summary & Detail

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

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

CIP #	Phase	Title	Projected Total
Plan Year: 2007 - 2008			
1197	5	TREATMENT PLANT IMPROVEMENTS - CONSTRUCTION	\$26,278,000
1203		FUTURE PIPES (OVERSIZING)	\$15,000
1226		LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1630		OAK CREEK LIFT STATION AND FORCE MAIN IMPROVEMENTS	\$5,883,000
1694		RAIN DRAIN SEPARATION PROJECTS	\$150,000
1869		GATORADE DEVELOPMENT SEWER SYSTEM IMPROVEMENTS	\$1,050,000
1920		NORTH ALBANY LIFT STATION AND FORCE MAIN IMPROVEMENTS	\$5,870,000
Total for FY 2007 - 2008			\$39,466,000
Plan Year: 2008 - 2009			
1197	6	TREATMENT PLANT IMPROVEMENTS - CONSTRUCTION	\$9,078,000
1204		FUTURE PIPES (OVERSIZING)	\$15,000
1227		LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1695		RAIN DRAIN SEPARATION PROJECTS	\$150,000
1721		OAK AND PINE STREET AREA SEWER REHABILITATION	\$389,000
1722		COLUMBUS AND PACIFIC BLVD SEWER REHABILITATION	\$89,000
Total for FY 2008 - 2009			\$9,941,000
Plan Year: 2009 - 2010			
1197	7	TREATMENT PLANT IMPROVEMENTS - CONSTRUCTION	\$211,000
1205		FUTURE PIPES (OVERSIZING)	\$15,000
1228		LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1742		RAIN DRAIN SEPARATION PROJECTS	\$150,000
1753		CHARLOTTE STREET LIFT STATION REMOVAL	\$155,000
1772		WATER AND FRONT AVENUE BACK LOT SEWERS	\$226,000
Total for FY 2009 - 2010			\$977,000
Plan Year: 2010 - 2011			
1206		FUTURE PIPES (OVERSIZING)	\$15,000
1229		LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1249	1	COX CREEK INTERCEPTOR: WWTP TO BAIN STREET	\$1,796,000
1744	2	WASTEWATER TREATMENT PLANT PROPERTY ACQUISITION	\$185,000
1754		RAIN DRAIN SEPARATION PROJECTS	\$150,000
Total for FY 2010 - 2011			\$2,366,000
Plan Year: 2011 - 2012			
1207		FUTURE PIPES (OVERSIZING)	\$15,000
1230		LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1249	2	COX CREEK INTERCEPTOR: BAIN STREET TO PRICE ROAD	\$2,484,000
1755		RAIN DRAIN SEPARATION PROJECTS	\$150,000

Capital Improvement Program 2008-2012

1769

WEST LEG OF THE COX CREEK INTERCEPTOR

\$1,499,000

Total for FY 2011 - 2012

\$4,368,000

Grand Total for Wastewater:

\$57,118,000

Plan FY: 2007-2008 TREATMENT PLANT IMPROVEMENTS - CONSTRUCTION

CIP Project #: 1197 Phase: 5

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

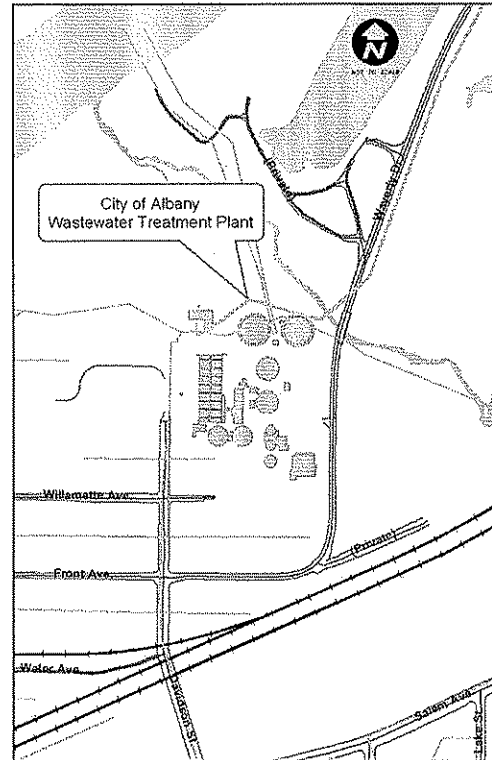
Plan Element:
Classification: Treatment

SDC DEQ State Revolving Fund Loan

Total Cost: \$26,278,000

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

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



Funding Sources For This Project:

Activity	Funding Source	Projected Amount
601-50-2502	SDC - IMPROVEMENT - SEWER	\$11,825,000
601-50-2500	SEWER RATES/OPERATING REVENUES	\$14,453,000
Total:		\$26,278,000

Related Projects:

Phase	Year	Title	Category	Projected Total
5	2008	TREATMENT PLANT IMPROVEMENTS - CONSTRUCTION	Wastewater	\$26,278,000
6	2009	TREATMENT PLANT IMPROVEMENTS - CONSTRUCTION	Wastewater	\$9,078,000
7	2010	TREATMENT PLANT IMPROVEMENTS - CONSTRUCTION	Wastewater	\$211,000
Grand Total - All Related Projects:				\$35,567,000

Capital Improvement Program 2008-2012

Plan FY: 2007-2008 FUTURE PIPES (OVERSIZING)

CIP Project #: 1203

Master Plan: Sanitary Sewer Master Plan

Plan Element:

Category: Wastewater

Classification: Developer Improvements - Wastewater

Department: Public Works Department

SDC

Total Cost: \$15,000

This is a programmed allocation to reserve funds to pay for sanitary sewer line oversizing costs.

Developers may be required, as a condition of land use approval, to construct sewer lines that are larger than the minimum line size that could otherwise serve their development. These lines are identified in the Wastewater System Facility Plan and are intended to provide additional capacity. When the larger-sized lines are constructed, if funds are available, the developer may be reimbursed for the construction cost difference between the line as constructed and the minimum size line otherwise required to serve the development.

Operating Budget Impact: This project does not impact operating costs. This is a reimbursement to developers for oversizing sewer pipelines constructed as part of their development.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
601-50-2502	SDC - IMPROVEMENT - SEWER	\$15,000
	Total:	\$15,000

Plan FY: 2007-2008 LATERAL REPLACEMENT & BASEMENT PROTECTION

CIP Project #: 1226

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: 2007-2008 OAK CREEK LIFT STATION AND FORCE MAIN IMPROVEMENTS
CIP Project #: 1630

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

SDC

Total Cost: \$5,883,000

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

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

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

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

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
601-50-2500	SEWER RATES/OPERATING REVENUES	\$5,283,000
601-50-2502	SDC - IMPROVEMENT - SEWER	\$600,000
	Total:	\$5,883,000

Plan FY: 2007-2008 RAIN DRAIN SEPARATION PROJECTS

CIP Project #: 1694

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

Total Cost: \$150,000

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

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

Funding Sources For This Project:

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

Plan FY: 2007-2008 GATORADE DEVELOPMENT SEWER SYSTEM IMPROVEMENTS

CIP Project #: 1869

Master Plan: Sanitary Sewer Master Plan

Plan Element:

Category: Wastewater

Classification: Sewer Mains

Department: Public Works Department

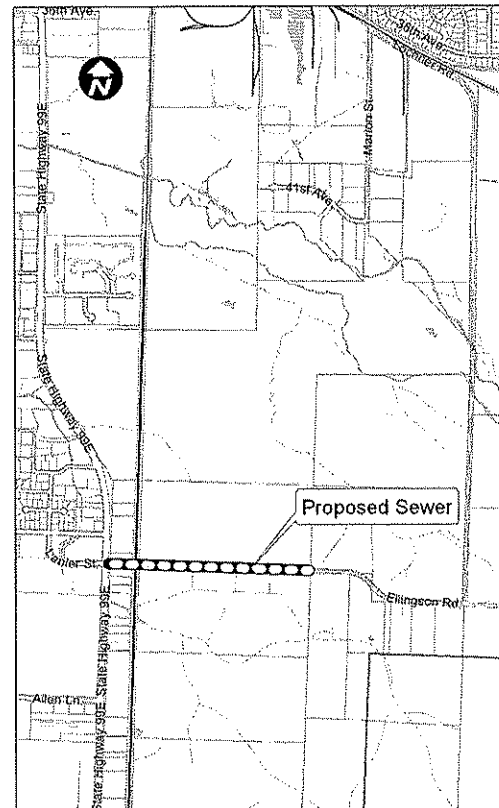
SDC

Total Cost: \$1,050,000

This project will provide sanitary sewer service to the Gatorade development and meet the project's "to and through" requirements for sanitary sewer. The project includes the extension of a 21-inch diameter sanitary sewer approximately 2,100 feet along the project's frontage on Ellingson Road. This project also provides some funding for the improvements required at the Oak Creek lift station and force main to accommodate the sanitary sewer flows produced by the Gatorade facility and other future developments in the area.

The initial funding for this project will be provided by a state loan. The loan will be paid back by a combination of assessments to benefited properties, SDCi contributions, and revenues from Urban Renewal District (TIF funds). The exact split of funding will be set when Council approves a Local Improvement District assessment methodology.

Operating Budget Impact: This project will increase maintenance costs over the long term because it is increasing the miles of sewer pipe to be maintained. There is a return on investment because the new line enables additional customers to connect to the system providing additional revenue.



Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
	LOAN - STATE OF OREGON	\$1,050,000
	Total:	\$1,050,000

Plan FY: 2007-2008 NORTH ALBANY LIFT STATION AND FORCE MAIN IMPROVEMENTS

CIP Project #: 1920

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

Total Cost: \$5,870,000

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

This project provides for improvements to the North Albany Lift Station and for a new force main that will discharge to the Columbus Street Interceptor or directly to the Wastewater Treatment Plant. Pre-design evaluations are currently in progress and a final alignment for the force main has not been determined. The preliminary alignment for the force main crosses the Willamette River at Lyons Street and follows Water Avenue to Geary Street, then north along Geary Street to Front Avenue and east along Front Avenue to connect with the Davidson Street Interceptor.

As a result of the proposed operating changes, funds originally identified for the wet weather lift station will be dedicated to this project and CIP #1630 for improvements to the Oak Creek Lift Station and force main.

Operating Budget Impact: This project will reduce maintenance costs over the long term because the improvement to this pump station will eliminate the need to construct a new wet weather pump station and the cost associated with running a new pump station.

Funding Sources For This Project:

<u>Activity</u> <u>Funding Source</u>	<u>Projected Amount</u>
SEWER RATES/OPERATING REVENUES	\$5,870,000
Total:	\$5,870,000

Capital Improvement Program 2008-2012

Plan FY: 2008-2009 TREATMENT PLANT IMPROVEMENTS - CONSTRUCTION

CIP Project #: 1197 Phase: 6

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

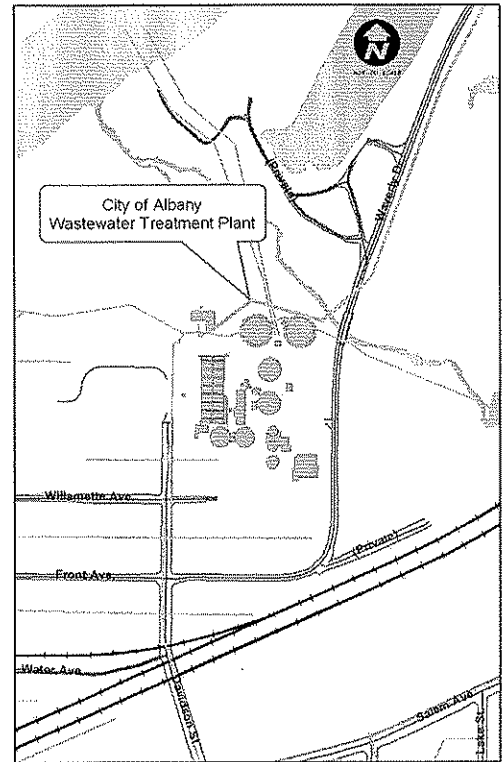
Plan Element:
Classification: Treatment

SDC **DEQ State Revolving Fund Loan**

Total Cost: \$9,078,000

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

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



Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
601-50-2502	SDC - IMPROVEMENT - SEWER	\$4,085,000
601-50-2500	SEWER RATES/OPERATING REVENUES	\$4,993,000
Total:		\$9,078,000

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
5	2008	TREATMENT PLANT IMPROVEMENTS - CONSTRUCTION	Wastewater	\$26,278,000
6	2009	TREATMENT PLANT IMPROVEMENTS - CONSTRUCTION	Wastewater	\$9,078,000
7	2010	TREATMENT PLANT IMPROVEMENTS - CONSTRUCTION	Wastewater	\$211,000
Grand Total - All Related Projects:				\$35,567,000

Plan FY: 2008-2009 FUTURE PIPES (OVERSIZING)

CIP Project #: 1204

Master Plan: Sanitary Sewer Master Plan Plan Element:
 Category: Wastewater Classification: Developer Improvements - Wastewater
 Department: Public Works Department

SDC

Total Cost: \$15,000

This is a programmed allocation to reserve funds to pay for sanitary sewer line oversizing costs.

Developers may be required, as a condition of land use approval, to construct sewer lines that are larger than the minimum line size that could otherwise serve their development. These lines are identified in the Wastewater System Facility Plan and are intended to provide additional capacity. When the larger-sized lines are constructed, if funds are available, the developer may be reimbursed for the construction cost difference between the line as constructed and the minimum size line otherwise required to serve the development.

Operating Budget Impact: This project does not impact operating costs. This is a reimbursement to developers for oversizing sewer pipelines constructed as part of their development.

Funding Sources For This Project:

<u>Activity</u> <u>Funding Source</u>	<u>Projected Amount</u>
601-50-2502 SDC - IMPROVEMENT - SEWER	\$15,000
Total:	\$15,000

Plan FY: 2008-2009 LATERAL REPLACEMENT & BASEMENT PROTECTION

CIP Project #: 1227

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

Total Cost: \$220,000

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

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

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

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

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

Funding Sources For This Project:

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

Plan FY: 2008-2009 RAIN DRAIN SEPARATION PROJECTS

CIP Project #: 1695

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

Total Cost: \$150,000

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

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

Funding Sources For This Project:

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

Plan FY: 2008-2009 OAK AND PINE STREET AREA SEWER REHABILITATION

CIP Project #: 1721

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

Plan Element: Perpetual Life Replacement
Classification: Sewer Mains

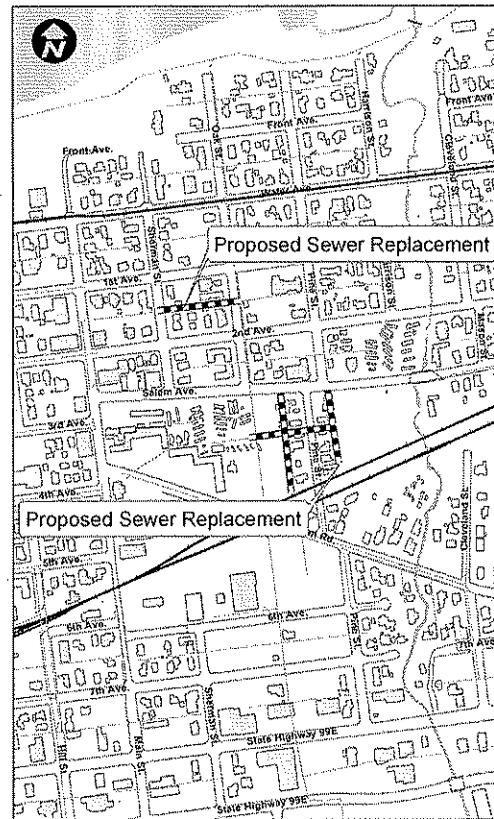
Total Cost: \$389,000

This project will rehabilitate approximately 1,400 feet of 8-inch diameter back lot sewer lines. These lines have a combination of structural deficiencies and flow constrictions. Replacement lines will be eight inches in diameter. It is anticipated that this project will reduce infiltration and inflow in these lines. Following are the lines included in this project: the line between 1st Avenue and 2nd Avenue that runs between Sherman and Oak Streets; and the lines surrounding Pine Street between Salem Avenue and the railroad tracks, east of Oak Street.

Operating Budget Impact: This project will reduce maintenance costs over the long term because removal of extraneous water reduces the amount of flow thru the collection system and the treatment plant. It also will reduce emergency responses to deal with plugging or spot repairs of the structurally deficient pipe.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
601-50-2500 SEWER RATES/OPERATING REVENUES		\$389,000
	Total:	\$389,000



Plan FY: 2008-2009 COLUMBUS AND PACIFIC BLVD SEWER REHABILITATION
 CIP Project #: 1722

Master Plan: Sanitary Sewer Master Plan **Plan Element:** Perpetual Life Replacement
Category: Wastewater **Classification:** Sewer Mains
Department: Public Works Department

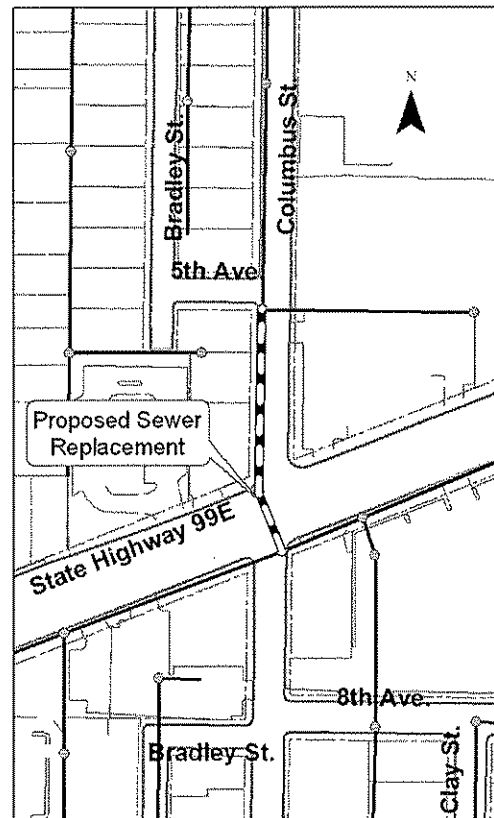
Total Cost: \$89,000

This project will rehabilitate approximately 300 feet of 12-inch diameter sewer. This line has a combination of structural deficiencies and flow constrictions. The replacement line will be 12 inches in diameter.

Operating Budget Impact: This project will reduce maintenance costs over the long term because removal of extraneous water reduces the amount of flow thru the collection system and the treatment plant. It also will reduce emergency responses to deal with plugging or spot repairs of the structurally deficient pipe.

Funding Sources For This Project:

Activity	Funding Source	Projected Amount
601-50-2500	SEWER RATES/OPERATING REVENUES	\$89,000
Total:		\$89,000



Plan FY: 2009-2010 TREATMENT PLANT IMPROVEMENTS - CONSTRUCTION

CIP Project #: 1197 Phase: 7

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

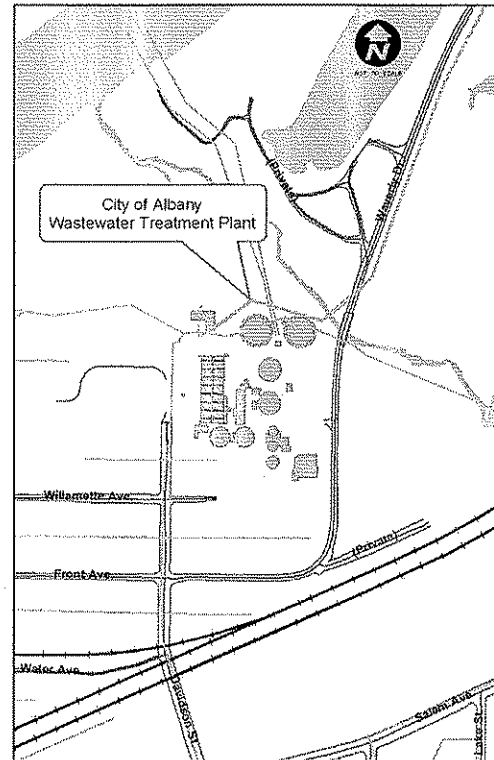
Plan Element:
Classification: Treatment

SDC DEQ State Revolving Fund Loan

Total Cost: \$211,000

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

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



Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
601-50-2502	SDC - IMPROVEMENT - SEWER	\$95,000
601-50-2500	SEWER RATES/OPERATING REVENUES	\$116,000
Total:		\$211,000

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
5	2008	TREATMENT PLANT IMPROVEMENTS - CONSTRUCTION	Wastewater	\$26,278,000
6	2009	TREATMENT PLANT IMPROVEMENTS - CONSTRUCTION	Wastewater	\$9,078,000
7	2010	TREATMENT PLANT IMPROVEMENTS - CONSTRUCTION	Wastewater	\$211,000
Grand Total - All Related Projects:				\$35,567,000

Plan FY: 2009-2010 FUTURE PIPES (OVERSIZING)

CIP Project #: 1205

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

SDC

Total Cost: \$15,000

This is a programmed allocation to reserve funds to pay for sanitary sewer line oversizing costs.

Developers may be required, as a condition of land use approval, to construct sewer lines that are larger than the minimum line size that could otherwise serve their development. These lines are identified in the Wastewater System Facility Plan and are intended to provide additional capacity. When the larger-sized lines are constructed, if funds are available, the developer may be reimbursed for the construction cost difference between the line as constructed and the minimum size line otherwise required to serve the development.

Operating Budget Impact: This project does not impact operating costs. This is a reimbursement to developers for oversizing sewer pipelines constructed as part of their development.

Funding Sources For This Project:

<u>Activity</u> <u>Funding Source</u>	<u>Projected Amount</u>
601-50-2502SDC - IMPROVEMENT - SEWER	\$15,000
Total:	\$15,000

Plan FY: 2009-2010 LATERAL REPLACEMENT & BASEMENT PROTECTION

CIP Project #: 1228

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

Total Cost: \$220,000

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

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

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

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

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

Funding Sources For This Project:

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

Plan FY: 2009-2010 RAIN DRAIN SEPARATION PROJECTS

CIP Project #: 1742

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

Total Cost: \$150,000

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

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

Funding Sources For This Project:

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

Plan FY: 2009-2010 CHARLOTTE STREET LIFT STATION REMOVAL

CIP Project #: 1753

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

Plan Element:
Classification: Lift Stations

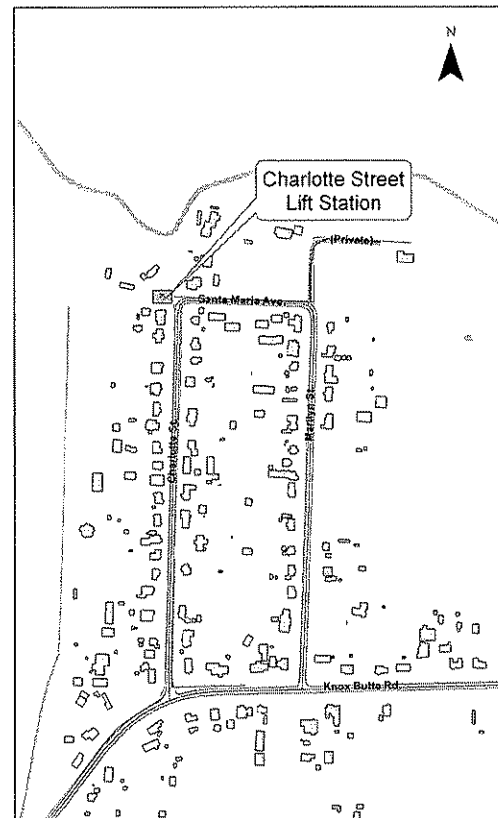
Total Cost: \$155,000

As construction of gravity sewer lines, completed as part of new development, reach the Charlotte Street Lift Station site, the lift station can be abandoned through connection to gravity sewers.

Operating Budget Impact: This project will result in an immediate reduction in maintenance costs by eliminating the electricity and repair work associated with keeping the pump station operational. It will, however, increase the miles of sewer line to be maintained over the long term.

Funding Sources For This Project:

Activity	Funding Source	Projected Amount
601-50-2500 SEWER RATES/OPERATING REVENUES		\$155,000
Total:		\$155,000



Plan FY: 2009-2010 WATER AND FRONT AVENUE BACK LOT SEWERS

CIP Project #: 1772

Master Plan: Sanitary Sewer Master Plan **Plan Element:** Perpetual Life Replacement
Category: Wastewater **Classification:** Sewer Mains
Department: Public Works Department

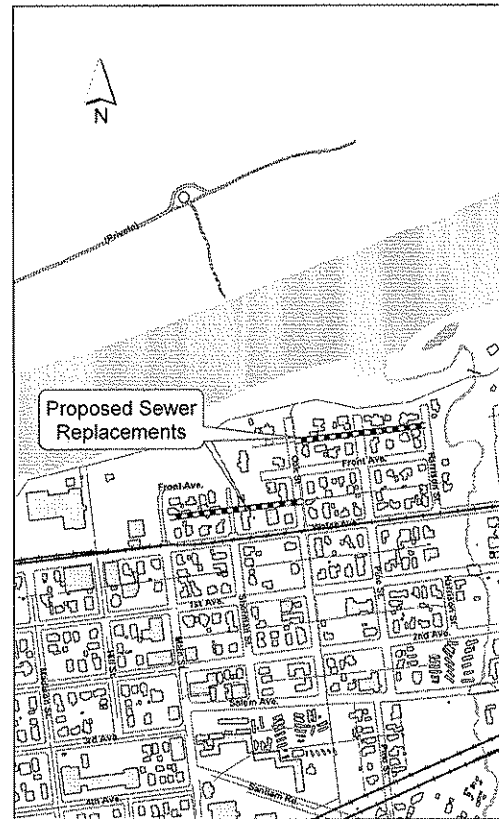
Total Cost: \$226,000

This project will rehabilitate approximately 1,250 feet of 8-inch diameter back lot sewer. These lines have a combination of structural deficiencies and flow constrictions. Replacement lines will be eight inches in diameter. It is anticipated that this project will reduce infiltration and inflow in these lines. The lines to be replaced are between Front Avenue and Water Avenue from Main Street to Oak Street and north of Front Avenue from Oak Street to Harrison Street.

Operating Budget Impact: This project will reduce maintenance costs over the long term because removal of extraneous water reduces the amount of flow thru the collection system and the treatment plant. It also will reduce emergency responses to deal with plugging or spot repairs of the structurally deficient pipe.

Funding Sources For This Project:

Activity	Funding Source	Projected Amount
601-50-2500 SEWER RATES/OPERATING REVENUES		\$226,000
Total:		\$226,000



Capital Improvement Program 2008-2012

Plan FY: 2010-2011 FUTURE PIPES (OVERSIZING)

CIP Project #: 1206

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

Plan Element:
Classification: Developer Improvements - Wastewater

SDC

Total Cost: \$15,000

This is a programmed allocation to reserve funds to pay for sanitary sewer line oversizing costs.

Developers may be required, as a condition of land use approval, to construct sewer lines that are larger than the minimum line size that could otherwise serve their development. These lines are identified in the Wastewater System Facility Plan and are intended to provide additional capacity. When the larger-sized lines are constructed, if funds are available, the developer may be reimbursed for the construction cost difference between the line as constructed and the minimum size line otherwise required to serve the development.

Operating Budget Impact: This project does not impact operating costs. This is a reimbursement to developers for oversizing sewer pipelines constructed as part of their development.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
601-50-2502	SDC - IMPROVEMENT - SEWER	\$15,000
	Total:	\$15,000

Plan FY: 2010-2011 LATERAL REPLACEMENT & BASEMENT PROTECTION

CIP Project #: 1229

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

Total Cost: \$220,000

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

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

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

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

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

Funding Sources For This Project:

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

Capital Improvement Program 2008-2012

Plan FY: 2010-2011 COX CREEK INTERCEPTOR: WWTP TO BAIN STREET

CIP Project #: 1249 Phase: 1

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

Plan Element: P2
Classification: Interceptors/Collectors

SDC

Total Cost: \$1,796,000

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

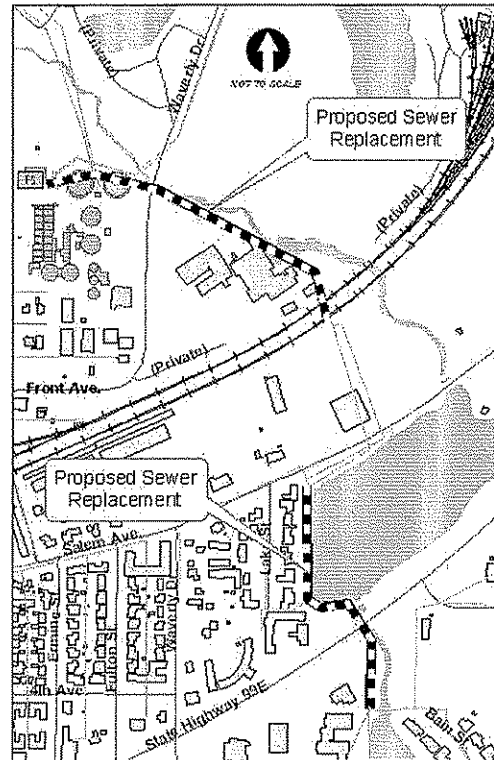
Operating Budget Impact: Although the driver for this project is to increase capacity, the new pipe should provide for removal of some extraneous water entering the system and therefore reduce maintenance costs over the long term.

Funding Sources For This Project:

<u>Activity</u> <u>Funding Source</u>	<u>Projected Amount</u>
601-50-2502 SDC - IMPROVEMENT - SEWER	\$1,397,000
601-50-2500 SEWER RATES/OPERATING REVENUES	\$399,000
Total:	\$1,796,000

Related Projects:

<u>Phase</u> <u>Year</u> <u>Title</u>	<u>Category</u>	<u>Projected Total</u>
1 2011 COX CREEK INTERCEPTOR: WWTP TO BAIN STREET	Wastewater	\$1,796,000
2 2012 COX CREEK INTERCEPTOR: BAIN STREET TO PRICE ROAD	Wastewater	\$2,484,000
Grand Total - All Related Projects:		\$4,280,000



Plan FY: 2010-2011 WASTEWATER TREATMENT PLANT PROPERTY ACQUISITION

CIP Project #: 1744 Phase: 2

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

Total Cost: \$185,000

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

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

Funding Sources For This Project:

<u>Activity</u> <u>Funding Source</u>	<u>Projected Amount</u>
601-50-2500 SEWER RATES/OPERATING REVENUES	\$185,000
Total:	\$185,000

Plan FY: 2010-2011 RAIN DRAIN SEPARATION PROJECTS

CIP Project #: 1754

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

Total Cost: \$150,000

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

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

Funding Sources For This Project:

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

Plan FY: 2011-2012 FUTURE PIPES (OVERSIZING)

CIP Project #: 1207

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

SDC

Total Cost: \$15,000

This is a programmed allocation to reserve funds to pay for sanitary sewer line oversizing costs.

Developers may be required, as a condition of land use approval, to construct sewer lines that are larger than the minimum line size that could otherwise serve their development. These lines are identified in the Wastewater System Facility Plan and are intended to provide additional capacity. When the larger-sized lines are constructed, if funds are available, the developer may be reimbursed for the construction cost difference between the line as constructed and the minimum size line otherwise required to serve the development.

Operating Budget Impact: This project does not impact operating costs. This is a reimbursement to developers for oversizing sewer pipelines constructed as part of their development.

Funding Sources For This Project:

<u>Activity</u> <u>Funding Source</u>	<u>Projected Amount</u>
601-50-2502 SDC - IMPROVEMENT - SEWER	\$15,000
Total:	\$15,000

Plan FY: 2011-2012 LATERAL REPLACEMENT & BASEMENT PROTECTION

CIP Project #: 1230

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

Total Cost: \$220,000

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

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

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

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

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

Funding Sources For This Project:

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

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

CIP Project #: 1249 Phase: 2

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

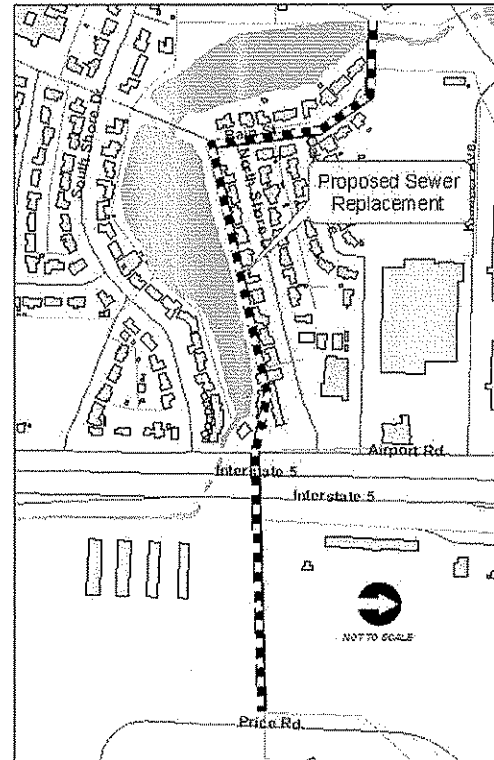
Plan Element: P2
 Classification: Interceptors/Collectors

SDC

Total Cost: \$2,484,000

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

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



Funding Sources For This Project:

Activity	Funding Source	Projected Amount
601-50-2502	SDC - IMPROVEMENT - SEWER	\$1,932,000
601-50-2500	SEWER RATES/OPERATING REVENUES	\$552,000
Total:		\$2,484,000

Related Projects:

Phase	Year	Title	Category	Projected Total
1	2011	COX CREEK INTERCEPTOR: WWTP TO BAIN STREET	Wastewater	\$1,796,000
2	2012	COX CREEK INTERCEPTOR: BAIN STREET TO PRICE ROAD	Wastewater	\$2,484,000
Grand Total - All Related Projects:				\$4,280,000

Plan FY: 2011-2012 RAIN DRAIN SEPARATION PROJECTS

CIP Project #: 1755

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

Total Cost: \$150,000

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

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

Funding Sources For This Project:

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

Plan FY: 2011-2012 WEST LEG OF THE COX CREEK INTERCEPTOR

CIP Project #: 1769

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

Plan Element: P5
Classification: Interceptors/Collectors

SDC

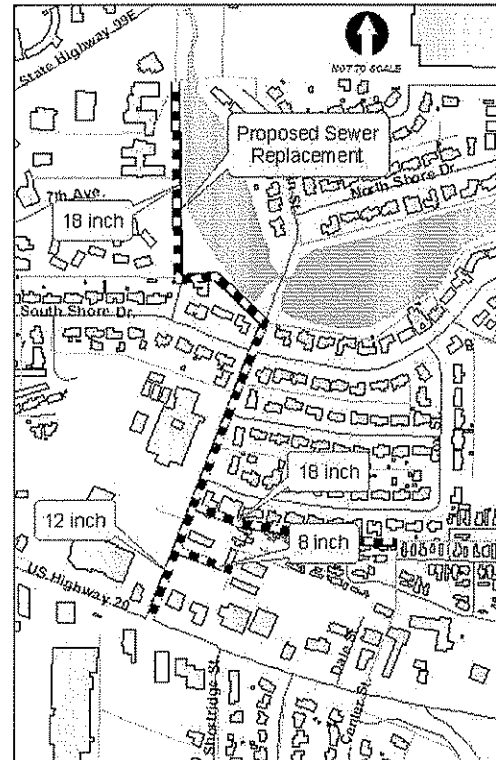
Total Cost: \$1,499,000

This project involves replacement of the west leg of the Cox Creek Interceptor Sewer with 3,100 feet of 18-inch pipe, 485 feet of 12-inch pipe, and 270 feet of 8-inch pipe. The project is required to replace existing deteriorated pipes and to increase capacity.

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

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
601-50-2502	SDC - IMPROVEMENT - SEWER	\$920,000
601-50-2500	SEWER RATES/OPERATING REVENUES	\$579,000
Total:		\$1,499,000



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.

Developer Improvements - Wastewater

CIP #	Phase	Year	Title	Projected Total
1208		2013	FUTURE PIPES (OVERSIZING)	\$15,000
1209		2014	FUTURE PIPES (OVERSIZING)	\$15,000
1210		2015	FUTURE PIPES (OVERSIZING)	\$15,000
1211		2016	FUTURE PIPES (OVERSIZING)	\$15,000
1212		2017	FUTURE PIPES (OVERSIZING)	\$15,000
1213		2018	FUTURE PIPES (OVERSIZING)	\$15,000
1214		2019	FUTURE PIPES (OVERSIZING)	\$15,000
1215		2020	FUTURE PIPES (OVERSIZING)	\$15,000
1216		2021	FUTURE PIPES (OVERSIZING)	\$15,000
1217		2022	FUTURE PIPES (OVERSIZING)	\$15,000
1218		2023	FUTURE PIPES (OVERSIZING)	\$15,000
1219		2024	FUTURE PIPES (OVERSIZING)	\$15,000
1220		2025	FUTURE PIPES (OVERSIZING)	\$15,000
Total for Unfunded Developer Improvements - Wastewater:				\$195,000

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	\$2,210,000
1253		0	47TH AVENUE COLLECTOR: UPSIZE LINE FROM COLUMBUS STREET UPSTREAM TO END OF GRAVITY LINE	\$835,000
1724		0	28TH AVENUE COLLECTOR REPLACEMENT	\$698,000
1770		0	SOUTH LEG OF THE COX CREEK INTERCEPTOR	\$1,757,000
1771		0	NORTH LEG OF THE COX CREEK INTERCEPTOR	\$644,000
Total for Unfunded Interceptors/Collectors:				\$6,144,000

Lift Stations

CIP #	Phase	Year	Title	Projected Total
1254		0	LIFT STATION UPGRADES: OAK CREEK & UMATILLA	\$1,253,000
1255		0	NEW LIFT STATIONS: THORNTON LAKE, AND SPRING HILL DRIVE	\$696,000
Total for Unfunded Lift Stations:				\$1,949,000

Miscellaneous - Wastewater

CIP #	Phase	Year	Title	Projected Total
1231		2013	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1756		2013	RAIN DRAIN SEPARATION PROJECTS	\$150,000

Capital Improvement Program 2008-2012

CIP #	Phase	Year	Title	Projected Total
1232		2014	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1757		2014	RAIN DRAIN SEPARATION PROJECTS	\$150,000
1233		2015	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1758		2015	RAIN DRAIN SEPARATION PROJECTS	\$150,000
1234		2016	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1759		2016	RAIN DRAIN SEPARATION PROJECTS	\$150,000
1235		2017	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1760		2017	RAIN DRAIN SEPARATION PROJECTS	\$150,000
1236		2018	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1761		2018	RAIN DRAIN SEPARATION PROJECTS	\$150,000
1237		2019	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1762		2019	RAIN DRAIN SEPARATION PROJECTS	\$150,000
1238		2020	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1763		2020	RAIN DRAIN SEPARATION PROJECTS	\$150,000
1239		2021	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1764		2021	RAIN DRAIN SEPARATION PROJECES	\$150,000
1240		2022	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1765		2022	RAIN DRAIN SEPARATION PROJECTS	\$150,000
1241		2023	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1766		2023	RAIN DRAIN SEPARATION PROJECTS	\$150,000
1242		2024	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1767		2024	RAIN DRAIN SEPARATION PROJECTS	\$150,000
1243		2025	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$220,000
1768		2025	RAIN DRAIN SEPARATION PROJECTS	\$150,000
Total for Unfunded Miscellaneous - Wastewater:				\$4,810,000

Sewer Mains

CIP #	Phase	Year	Title	Projected Total
1247		0	14TH AVENUE & HOWARD DRIVE REPLACEMENT	\$1,418,000
1248		0	1ST AVENUE - COLUMBUS ST TO SALEM AVENUE RAILROAD CROSSING	\$284,000
1443	3	0	OAK STREET, 9TH AVENUE TO QUEEN AVE	\$59,000
1717		0	LAFAYETTE SCHOOL AND TUDOR STREET/32ND AVENUE SEWER REHABILITATION	\$306,000
1718		0	27TH AVENUE AND OAK STREET SEWER REHABILITATION	\$220,000
1719		0	GEARY STREET AND COUPLER AREA SEWER REHABILITATION	\$486,000
1740		0	BASIN 1 REPLACEMENT, SOUTH OF 14TH AVENUE	\$1,113,000
1741		0	BASIN 1 REPLACEMENT, NORTH OF 14TH AVE	\$852,000
1626		2013	JEFFERSON STREET, SE 21ST AVENUE TO 18TH AVENUE	\$734,000
1716		2013	UMATILLA/VINE - 12TH AVENUE/QUEEN AVENUE AREA SEWER REHABILITATION	\$555,000
1909		2013	HIGHWAY 99E AT PINE STREET SEWER	\$187,000
1911		2013	ELLSWORTH TO BROADWAY SEWER REPLACEMENT, BETWEEN 7TH AND 8TH AVENUE	\$93,000
1720		2014	GEARY ST. - WATER AVENUE TO SALEM AVENUE AREA SEWER REHABILITATION	\$672,000
1910		2014	MAIN STREET, 19TH TO 23RD AVENUE SEWER	\$322,000
1912		2014	QUEEN ST., MARION ST., JACKSON ST., AND 13TH AVENUE AREA SEWER REPLACEMENT	\$348,000

CIP #	Phase	Year	Title	Projected Total
Total for Unfunded Sewer Mains:				\$7,649,000

Treatment

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

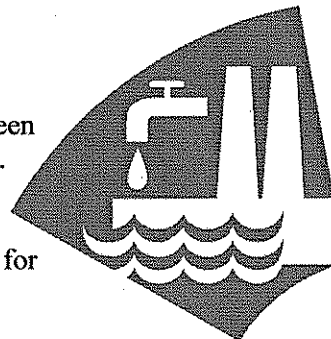
Grand Total for Unfunded Wastewater: \$33,747,000

Water

Water Sustains All

Albany-Millersburg Joint Water Supply Project Up and Running

The Albany-Millersburg Joint Water Supply Project (JWP) has now been on-line serving both Albany and Millersburg residents for over one year. The JWP uses state-of-the-art technology to treat Santiam River water. The plant has exceeded anticipated production capacity. The JWP adds substantial reliability and safety through a second source of water supply for Albany and Millersburg.



Continued Improvement

The City continues to make significant improvements to the water distribution system through steel pipe and asbestos cement pipe replacement projects. However, despite the major replacement effort, more than 20 miles of leaky steel water lines remain in the distribution system. The majority of the water line replacement projects shown in this year's CIP are steel water line replacement projects. Even with more than \$1.5 million being allocated to steel pipe replacement every year, full replacement of these aging pipes will take 15 to 20 years.

Another area receiving significant attention is the Santiam-Albany Canal (Canal). The Canal has a long list of maintenance, repair, and improvement projects needed to strengthen this water delivery system. A project to evaluate canal capacity and maintenance deficiencies is underway. Continuation of this project, as well as anticipated projects that will be defined by the current efforts, is shown in this year's CIP.

Fixing the Problems

Criteria for selecting water system capital projects include the following:

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

Funding Summaries

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

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

Projected Cost Totals

FUNDING SOURCE	2008	2009	2010	2011	2012	TOTAL
Federal Grants	\$305,000	\$305,000	\$0	\$0	\$0	\$610,000
Loan – State of Oregon	\$1,951,000	\$0	\$0	\$0	\$0	\$1,951,000
SDC –Improvement – Water	\$10,000	\$1,394,000	\$5,385,000	\$10,000	\$10,000	\$6,809,000
SDC – Reimbursement – Water	\$180,000	\$0	\$0	\$0	\$0	\$180,000
Water Rates/Operating Revenues	\$4,212,000	\$1,743,000	\$2,266,000	\$2,904,000	\$4,327,000	\$15,452,000
GRAND TOTALS:	\$6,658,000	\$3,442,000	\$7,651,000	\$2,914,000	\$4,337,000	\$25,002,000

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: 2007 - 2008			
1269		FUTURE PIPE OVERSIZING	\$10,000
1298		MADISON STREET AND 12TH AVENUE AREA	\$1,006,000
1603		9TH AVENUE, 10TH AVENUE, 15TH AVENUE, AND PARK TERRACE WATER LINE REPLACEMENT	\$507,000
1611		4TH AVENUE, 5TH AVENUE, AND CHICAGO AREA	\$273,000
1615		MAIER LANE, SKYLINE TERRACE TO PENNY LANE WATER LINE REPLACEMENT	\$292,000
1675	5	SANTIAM-ALBANY CANAL IMPROVEMENTS	\$1,500,000
1750		VALLEY VIEW RESERVOIR IMPROVEMENTS	\$712,000
1861	2	WATER SYSTEM SEISMIC PROTECTION UPGRADES	\$407,000
1870		GATORADE DEVELOPMENT WATER SYSTEM IMPROVEMENTS	\$1,951,000
Total for FY 2007 - 2008			\$6,658,000
Plan Year: 2008 - 2009			
1002	1	HILL STREET: QUEEN TO 24TH AVENUE	\$750,000
1002	2	HILL STREET: 24TH TO 28TH AVENUE	\$424,000
1002	3	HILL STREET: 28TH TO 34TH AVENUE	\$522,000
1002	4	HILL STREET: 34TH TO 38TH AVENUE	\$329,000
1270		FUTURE PIPE OVERSIZING	\$10,000
1675	6	SANTIAM-ALBANY CANAL IMPROVEMENTS	\$1,000,000
1861	3	WATER SYSTEM SEISMIC PROTECTION UPGRADES	\$407,000
Total for FY 2008 - 2009			\$3,442,000
Plan Year: 2009 - 2010			
1271		FUTURE PIPE OVERSIZING	\$10,000
1297		8TH AVENUE: ELM TO BROADWAY	\$288,000
1584		4TH AVENUE, ERMINE, DAVIDSON, AND CLAY IN THE COLUMBUS TO WAVERLY AREA	\$498,000
1586		WATER AVENUE, COLUMBUS AVENUE AND 1ST AVENUE EAST OF BURKHART	\$213,000
1600		BAKER STREET; 4TH TO 8TH AVENUES	\$207,000
1605		SHORTRIDGE STREET; HIGHWAY 20 TO 14TH AVENUE	\$195,000
1607		DENVER AND 1ST AVENUE WATER LINE REPLACEMENT	\$365,000
1639	1	ELLINGSON ROAD RESERVOIR PROJECT	\$5,375,000
1675	7	SANTIAM-ALBANY CANAL IMPROVEMENTS	\$500,000
Total for FY 2009 - 2010			\$7,651,000
Plan Year: 2010 - 2011			
1272		FUTURE PIPE OVERSIZING	\$10,000
1575		LYON STREET; 1ST TO 5TH	\$520,000
1590		COLUMBUS STREET AND BRADLEY STREET; PACIFIC TO SANTIAM	\$271,000
1675	8	SANTIAM-ALBANY CANAL IMPROVEMENTS	\$500,000

Capital Improvement Program 2008-2012

1749	2	MAPLE STREET RESERVOIR IMPROVEMENTS	\$263,000
1751	1	NORTH ALBANY DISTRIBUTION PROJECTS	\$1,066,000
1788		VINE STREET WTP SOLIDS HANDLING IMPROVEMENTS	\$284,000
Total for FY 2010 - 2011			\$2,914,000

Plan Year: 2011 - 2012

1273		FUTURE PIPE OVERSIZING	\$10,000
1588		9TH AVENUE AND 24TH AVENUE; EAST OF WAVERLY DRIVE	\$134,000
1594		WASHINGTON AND FERRY STREETS AREA; 9TH TO 14TH	\$1,025,000
1595		5TH AVENUE AND 6TH AVENUE; FERRY TO LYON	\$447,000
1597		WILLAMETTE AVENUE AND BURKHART; GEARY TO DAVIDSON STREET AREA	\$269,000
1675	9	SANTIAM-ALBANY CANAL IMPROVEMENTS	\$500,000
1751	2	NORTH ALBANY DISTRIBUTION PROJECTS	\$1,188,000
1789		VINE STREET WTP SEISMIC UPGRADES	\$764,000
Total for FY 2011 - 2012			\$4,337,000

Grand Total for Water: \$25,002,000

Plan FY: 2007-2008 FUTURE PIPE OVERSIZING

CIP Project #: 1269

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

Plan Element:
Classification: Developer Improvements - Water

SDC

Total Cost: \$10,000

This is a programmed allocation to provide a source of funds to pay for water line oversizing costs.

As a condition of land use approval, developers are sometimes required to construct water lines that are larger than the minimum line size that could otherwise serve their development. These are lines that are identified in the Water System Facility Plan and are designed to serve system capacity and operational needs. When the larger-sized lines are constructed, if funds are available, the developer may be reimbursed for the material cost difference between the large-size line and the minimum-size line required.

Operating Budget Impact: This project does not impact the operating budget. These funds are available to reimburse developers for oversizing waterlines constructed as part of their development project.

Funding Sources For This Project:

<u>Activity</u> <u>Funding Source</u>	<u>Projected Amount</u>
615-50-2300 SDC - IMPROVEMENT - WATER	\$10,000
Total:	\$10,000

Capital Improvement Program 2008-2012

Plan FY: 2007-2008 MADISON STREET AND 12TH AVENUE AREA

CIP Project #: 1298

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

Plan Element: Program - 1
Classification: Water Mains

SDC

Total Cost: \$1,006,000

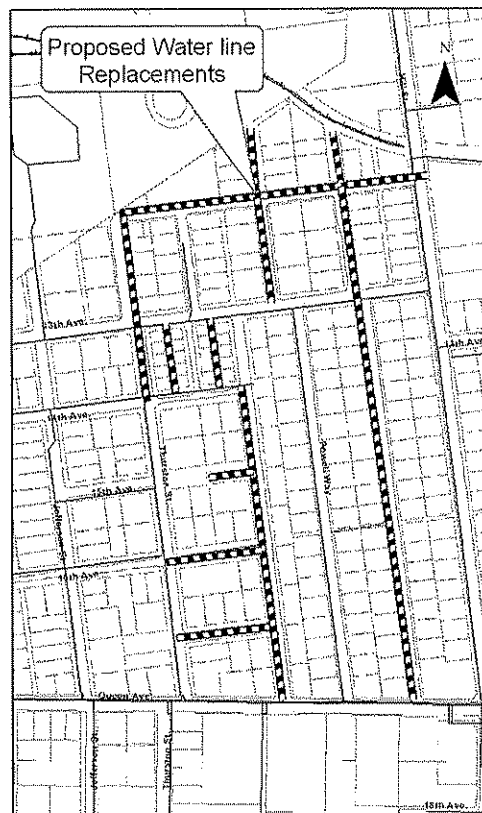
This project will replace approximately 6,400 lineal feet of 2-inch, 4-inch, and 6-inch steel water lines in the Madison Street and 12th Avenue Area. The existing deteriorated and leaking lines are a maintenance problem. The new lines will improve system reliability and fire flows for the area.

Replacement line costs are estimated for an 8-inch ductile iron line. Actual size will be determined during design.

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

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
615-50-2301	SDC - REIMBURSEMENT - WATER	\$89,000
615-50-2308	WATER RATES/OPERATING REVENUES	\$917,000
Total:		\$1,006,000



Plan FY: 2007-2008 9TH AVENUE, 10TH AVENUE, 15TH AVENUE, AND PARK TERRACE WATER LINE REPLACEMENT

CIP Project #: 1603

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

Plan Element: Program - 1
Classification: Water Mains

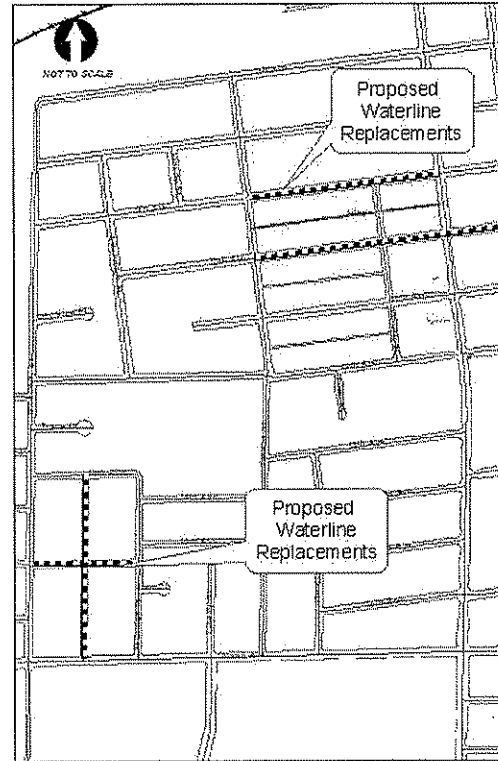
Total Cost: \$507,000

This project will replace approximately 3,285 feet of undersized and deteriorated 2-inch, 4-inch, and 6-inch steel and galvanized iron water mains. The existing deteriorated, leaky line is a source of continuous maintenance problems. The new line will improve system reliability. The replacement ductile iron water lines will be eight inches in diameter. Following is a list of the replacements: 10th Avenue - Walnut Street to Takena Street; 9th Avenue - Elm Street to Takena Street; 15th - Lawncridge Street to Broadway Street; and Park Terrace Street – 13th Avenue to Queen 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:

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



Capital Improvement Program 2008-2012

Plan FY: 2007-2008 4TH AVENUE, 5TH AVENUE, AND CHICAGO AREA

CIP Project #: 1611

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

Plan Element: Program - 1
Classification: Water Mains

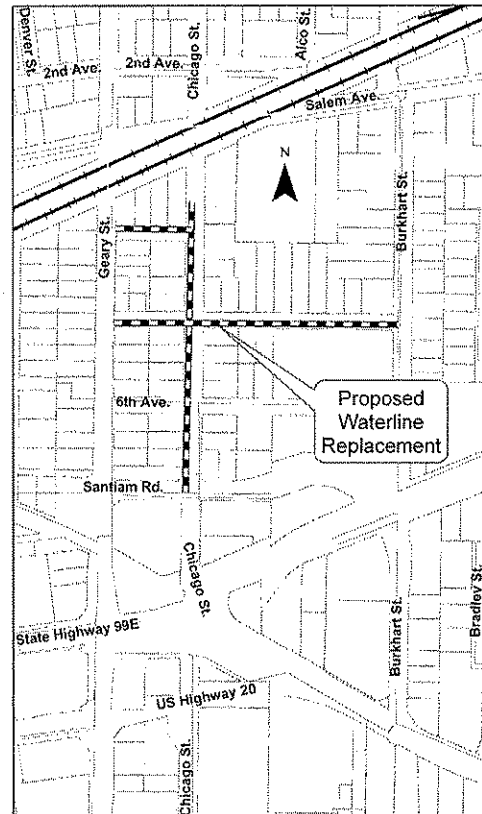
Total Cost: \$273,000

This project will replace approximately 1,790 feet of deteriorated steel main. 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: Chicago Street – 4th Avenue to 7th Avenue; 4th Avenue – Geary Street to Chicago Street; and 5th Avenue - Geary Street to Burkhardt 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	\$273,000
Total:		\$273,000



Plan FY: 2007-2008 MAIER LANE, SKYLINE TERRACE TO PENNY LANE WATER LINE REPLACEMENT

CIP Project #: 1615

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

Plan Element: Program - 1
 Classification: Water Mains

SDC

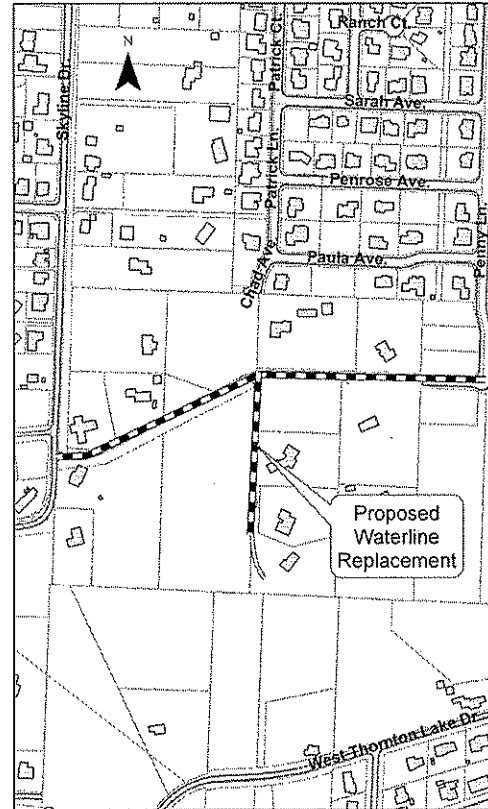
Total Cost: \$292,000

This project will replace approximately 1,900 feet of deteriorated galvanized and plastic water mains with new ductile iron pipe. This will also connect lines in Penny Lane and Skyline Terrace that are currently not connected. The new water line will be eight inches in diameter.

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:

Activity	Funding Source	Projected Amount
615-50-2308	WATER RATES/OPERATING REVENUES	\$201,000
615-50-2301	SDC - REIMBURSEMENT - WATER	\$91,000
Total:		\$292,000



Capital Improvement Program 2008-2012

Plan FY: 2007-2008 SANTIAM-ALBANY CANAL IMPROVEMENTS

CIP Project #: 1675 Phase: 5

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

Total Cost: \$1,500,000

The primary focus of this phase is to restore the Canal's carrying capacity to at least 190 cubic feet per second. It is anticipated that the majority of the work effort will be focused on dredging and repair of the Canal banks.

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

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
615-50-2307	WATER RATES/OPERATING REVENUES	\$1,500,000
	Total:	\$1,500,000

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
5	2008	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$1,500,000
6	2009	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$1,000,000
7	2010	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$500,000
8	2011	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$500,000
9	2012	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$500,000
10	2014	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$500,000
Grand Total - All Related Projects:				\$4,500,000

Plan FY: 2007-2008 VALLEY VIEW RESERVOIR IMPROVEMENTS

CIP Project #: 1750

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

Plan Element: S1, S2, S3, S4
Classification: Water Supply & Storage

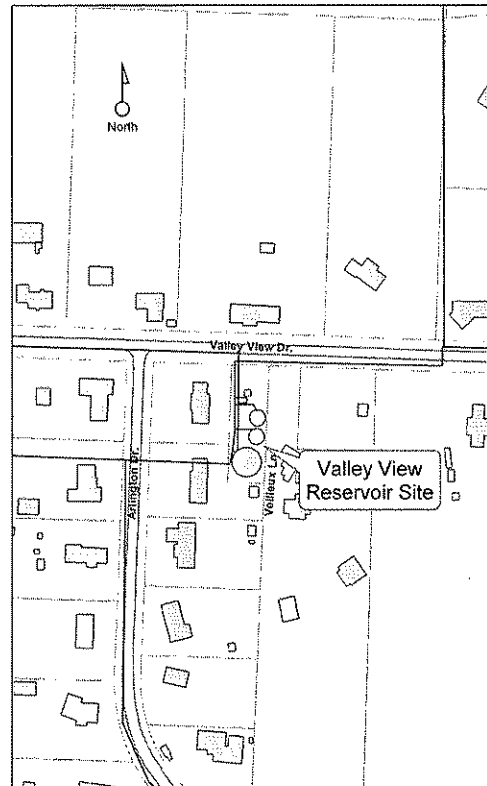
Total Cost: \$712,000

This group of improvements is required for increased safety and regulatory compliance. Improvements include installation of seismic restraints, seismic valves, dechlorination facilities, and new overflow piping. This project also includes painting the interior and exterior of the three reservoirs.

Operating Budget Impact: This project will reduce maintenance costs in the long run by preserving the reservoir from corrosion and reduction of damage caused by a seismic event.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
615-50-2308	WATER RATES/OPERATING REVENUES	\$712,000
Total:		\$712,000



Capital Improvement Program 2008-2012

Plan FY: 2007-2008 WATER SYSTEM SEISMIC PROTECTION UPGRADES

CIP Project #: 1861 Phase: 2

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

Plan Element:
Classification: Miscellaneous - Water

Total Cost: \$407,000

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

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

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

Funding Sources For This Project:

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

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
2	2008	WATER SYSTEM SEISMIC PROTECTION UPGRADES	Water	\$407,000
3	2009	WATER SYSTEM SEISMIC PROTECTION UPGRADES	Water	\$407,000
Grand Total - All Related Projects:				\$814,000

Plan FY: 2007-2008 GATORADE DEVELOPMENT WATER SYSTEM IMPROVEMENTS
 CIP Project #: 1870

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

Plan Element:
 Classification: New Construction - Water

SDC

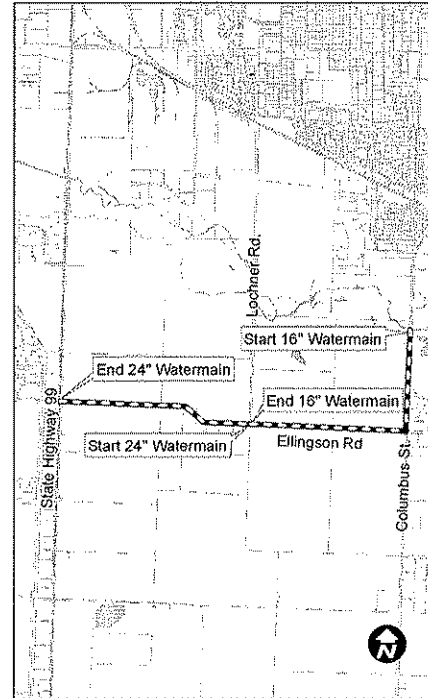
Total Cost: \$1,951,000

This project will provide water at sufficient volume and pressure as required for the Gatorade development. This project will construct the following water line components:

- 16-inch diameter water line along Columbus Street between Oak Creek and Ellingson Road.
- 16-inch diameter water line along Ellingson Road between Columbus Street and Lochner Road.
- 24-inch diameter water line along Ellingson Road between Lochner Road and the Union Pacific railroad tracks.

The initial funding for this project will be provided by a state loan. The loan will be paid back by a combination of assessments to benefited properties, SDCi contributions, and revenues from Urban Renewal District (TIF funds). The exact split of funding will be set when Council approves a Local Improvement District assessment methodology.

Operations Budget Impact: This project will increase maintenance costs because it adds to the miles of water main in the system. However, there is a return on investment as new customers connect to the water system.



Funding Sources For This Project:

Activity	Funding Source	Projected Amount
	LOAN - STATE OF OREGON	\$1,951,000
	Total:	\$1,951,000

Plan FY: 2008-2009 HILL STREET: QUEEN TO 24TH AVENUE

CIP Project #: 1002 Phase: 1

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

Plan Element: P26
Classification: Water Mains

SDC

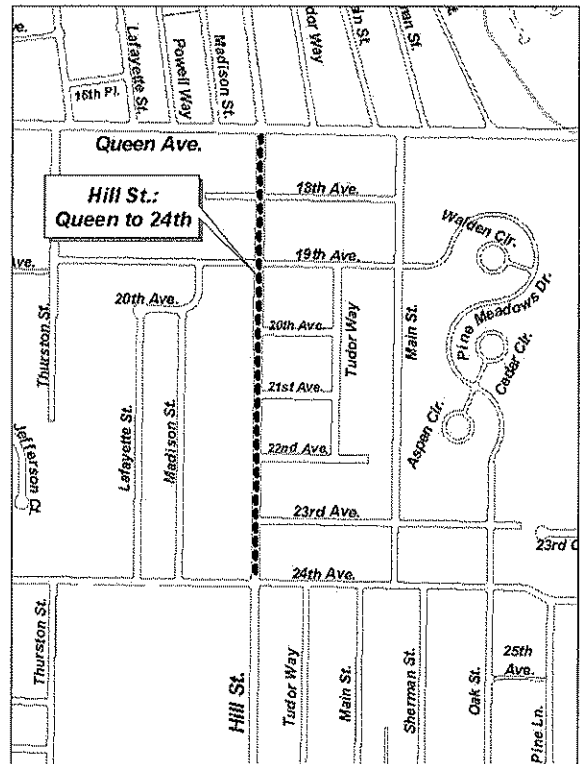
Total Cost: \$750,000

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.

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>
615-50-2300 SDC - IMPROVEMENT - WATER	\$555,000
615-50-2308 WATER RATES/OPERATING REVENUES	\$195,000
Total:	\$750,000



Related Projects:

<u>Phase</u> <u>Year</u> <u>Title</u>	<u>Category</u>	<u>Projected Total</u>
1 2009 HILL STREET: QUEEN TO 24TH AVENUE	Water	\$750,000
2 2009 HILL STREET: 24TH TO 28TH AVENUE	Water	\$424,000
3 2009 HILL STREET: 28TH TO 34TH AVENUE	Water	\$522,000
4 2009 HILL STREET: 34TH TO 38TH AVENUE	Water	\$329,000
Grand Total - All Related Projects:		\$2,025,000

Plan FY: 2008-2009 HILL STREET: 24TH TO 28TH AVENUE

CIP Project #: 1002 Phase: 2

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

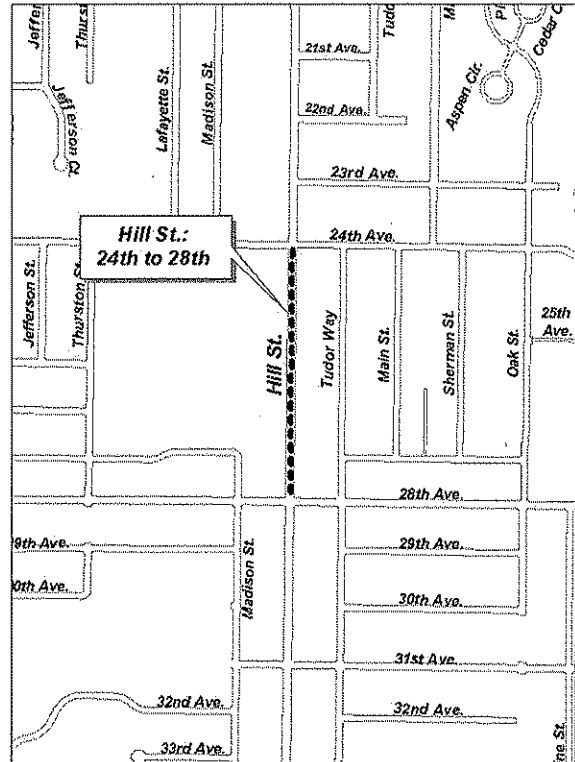
Plan Element: P26
 Classification: Water Mains

SDC

Total Cost: \$424,000

This project will replace approximately 1,350 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.

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:

Activity	Funding Source	Projected Amount
615-50-2300	SDC - IMPROVEMENT - WATER	\$314,000
615-50-2308	WATER RATES/OPERATING REVENUES	\$110,000
Total:		\$424,000

Related Projects:

Phase	Year	Title	Category	Projected Total
1	2009	HILL STREET: QUEEN TO 24TH AVENUE	Water	\$750,000
2	2009	HILL STREET: 24TH TO 28TH AVENUE	Water	\$424,000
3	2009	HILL STREET: 28TH TO 34TH AVENUE	Water	\$522,000
4	2009	HILL STREET: 34TH TO 38TH AVENUE	Water	\$329,000
Grand Total - All Related Projects:				\$2,025,000

Capital Improvement Program 2008-2012

Plan FY: 2008-2009 HILL STREET: 28TH TO 34TH AVENUE

CIP Project #: 1002 Phase: 3

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

Plan Element: P26
Classification: Water Mains

SDC

Total Cost: \$522,000

This project will replace approximately 1,650 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.

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>
615-50-2300	SDC - IMPROVEMENT - WATER	\$387,000
615-50-2308	WATER RATES/OPERATING REVENUES	\$135,000
Total:		\$522,000



Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
1	2009	HILL STREET: QUEEN TO 24TH AVENUE	Water	\$750,000
2	2009	HILL STREET: 24TH TO 28TH AVENUE	Water	\$424,000
3	2009	HILL STREET: 28TH TO 34TH AVENUE	Water	\$522,000
4	2009	HILL STREET: 34TH TO 38TH AVENUE	Water	\$329,000
Grand Total - All Related Projects:				\$2,025,000

Plan FY: 2008-2009 HILL STREET: 34TH TO 38TH AVENUE

CIP Project #: 1002 Phase: 4

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

Plan Element: P28
 Classification: Water Mains

SDC

Total Cost: \$329,000

This project will replace approximately 1,250 feet of deteriorated distribution lines with 16-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.

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:

Activity	Funding Source	Projected Amount
615-50-2300	SDC - IMPROVEMENT - WATER	\$128,000
615-50-2308	WATER RATES/OPERATING REVENUES	\$201,000
Total:		\$329,000



Related Projects:

Phase	Year	Title	Category	Projected Total
1	2009	HILL STREET: QUEEN TO 24TH AVENUE	Water	\$750,000
2	2009	HILL STREET: 24TH TO 28TH AVENUE	Water	\$424,000
3	2009	HILL STREET: 28TH TO 34TH AVENUE	Water	\$522,000
4	2009	HILL STREET: 34TH TO 38TH AVENUE	Water	\$329,000
Grand Total - All Related Projects:				\$2,025,000

Capital Improvement Program 2008-2012

Plan FY: 2008-2009 FUTURE PIPE OVERSIZING

CIP Project #: 1270

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

Plan Element:
Classification: Developer Improvements - Water

SDC

Total Cost: \$10,000

This is a programmed allocation to provide a source of funds to pay for water line oversizing costs.

As a condition of land use approval, developers are sometimes required to construct water lines that are larger than the minimum line size that could otherwise serve their development. These are lines that are identified in the Water System Facility Plan and are designed to serve system capacity and operational needs. When the larger-sized lines are constructed, if funds are available, the developer may be reimbursed for the material cost difference between the large-size line and the minimum-size line required.

Operating Budget Impact: This project does not impact the operating budget. These funds are available to reimburse developers for oversizing waterlines constructed as part of their development project.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
615-50-2300	SDC - IMPROVEMENT - WATER	\$10,000
	Total:	\$10,000

Plan FY: 2008-2009 SANTIAM-ALBANY CANAL IMPROVEMENTS

CIP Project #: 1675 Phase: 6

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

Total Cost: \$1,000,000

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

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

Funding Sources For This Project:

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

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
5	2008	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$1,500,000
6	2009	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$1,000,000
7	2010	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$500,000
8	2011	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$500,000
9	2012	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$500,000
10	2014	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$500,000
Grand Total - All Related Projects:				\$4,500,000

Capital Improvement Program 2008-2012

Plan FY: 2008-2009 WATER SYSTEM SEISMIC PROTECTION UPGRADES

CIP Project #: 1861 Phase: 3

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

Total Cost: \$407,000

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

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

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

Funding Sources For This Project:

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

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
2	2008	WATER SYSTEM SEISMIC PROTECTION UPGRADES	Water	\$407,000
3	2009	WATER SYSTEM SEISMIC PROTECTION UPGRADES	Water	\$407,000
Grand Total - All Related Projects:				\$814,000

Plan FY: 2009-2010 FUTURE PIPE OVERSIZING

CIP Project #: 1271

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

Plan Element:
 Classification: Developer Improvements - Water

SDC

Total Cost: \$10,000

This is a programmed allocation to provide a source of funds to pay for water line oversizing costs.

As a condition of land use approval, developers are sometimes required to construct water lines that are larger than the minimum line size that could otherwise serve their development. These are lines that are identified in the Water System Facility Plan and are designed to serve system capacity and operational needs. When the larger-sized lines are constructed, if funds are available, the developer may be reimbursed for the material cost difference between the large-size line and the minimum-size line required.

Operating Budget Impact: This project does not impact the operating budget. These funds are available to reimburse developers for oversizing waterlines constructed as part of their development project.

Funding Sources For This Project:

<u>Activity</u> <u>Funding Source</u>	<u>Projected Amount</u>
615-50-2300 SDC - IMPROVEMENT - WATER	\$10,000
Total:	\$10,000

Capital Improvement Program 2008-2012

Plan FY: 2009-2010 8TH AVENUE: ELM TO BROADWAY

CIP Project #: 1297

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

Total Cost: \$288,000

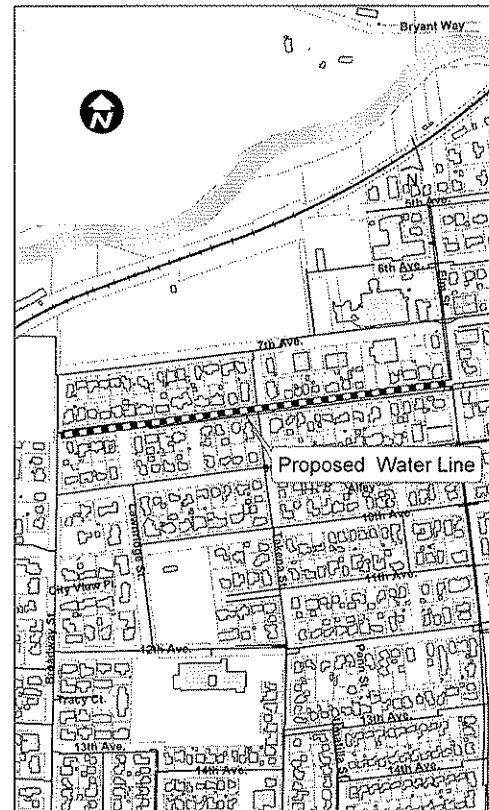
This project will replace approximately 1,800 lineal feet of 2-inch and 4-inch wrought iron lines in 8th Avenue between Elm Street and Broadway Street.

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

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

Funding Sources For This Project:

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



Plan FY: 2009-2010 4TH AVENUE, ERMINE, DAVIDSON, AND CLAY IN THE COLUMBUS TO WAVERLY AREA

CIP Project #: 1584

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

Plan Element: Program - 1
Classification: Water Mains

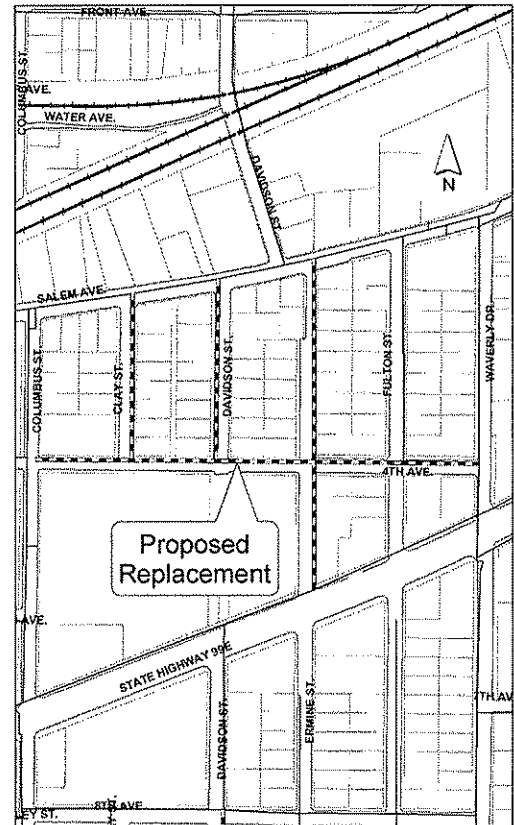
Total Cost: \$498,000

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

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

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
615-50-2308	WATER RATES/OPERATING REVENUES	\$498,000
Total:		\$498,000



Capital Improvement Program 2008-2012

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

CIP Project #: 1586

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

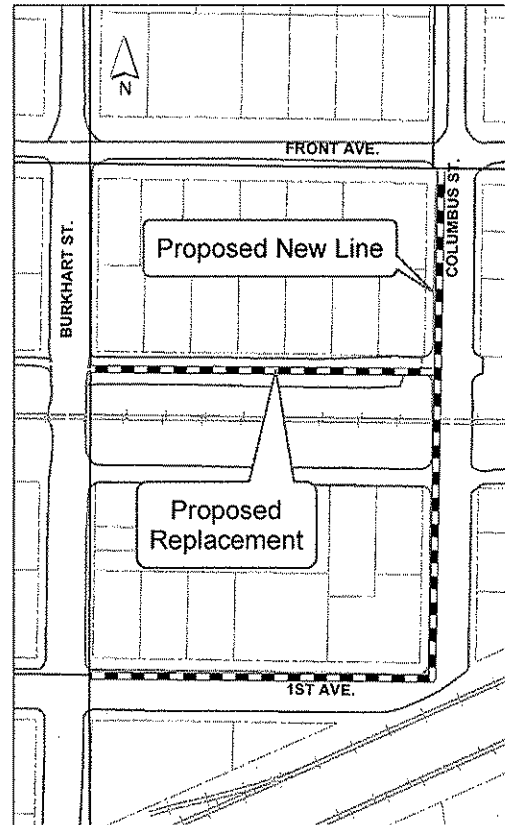
Total Cost: \$213,000

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

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

Funding Sources For This Project:

<u>Activity</u> <u>Funding Source</u>	<u>Projected Amount</u>
615-50-2308 WATER RATES/OPERATING REVENUES	\$213,000
Total:	\$213,000



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

CIP Project #: 1600

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

Plan Element: Program - 1
Classification: Water Mains

Total Cost: \$207,000

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:

Activity	Funding Source	Projected Amount
615-50-2308	WATER RATES/OPERATING REVENUES	\$207,000
Total:		\$207,000



Capital Improvement Program 2008-2012

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

CIP Project #: 1605

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

Plan Element: Program - 1
Classification: Water Mains

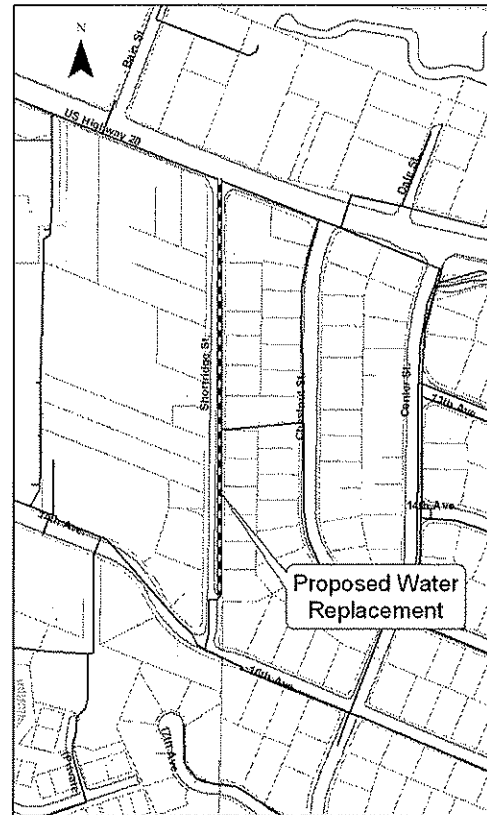
Total Cost: \$195,000

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>
615-50-2308	WATER RATES/OPERATING REVENUES	\$195,000
Total:		\$195,000



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

CIP Project #: 1607

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

Plan Element: Program - 1
Classification: Water Mains

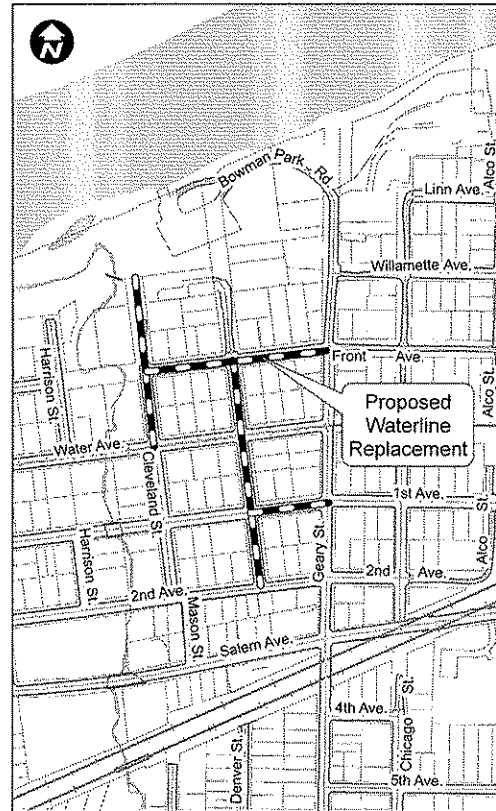
Total Cost: \$365,000

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:

Activity	Funding Source	Projected Amount
615-50-2308	WATER RATES/OPERATING REVENUES	\$365,000
Total:		\$365,000



Plan FY: 2009-2010 ELLINGSON ROAD RESERVOIR PROJECT

CIP Project #: 1639 Phase: 1

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

Plan Element: P24, S6, PS13
Classification: Water Supply & Storage

SDC

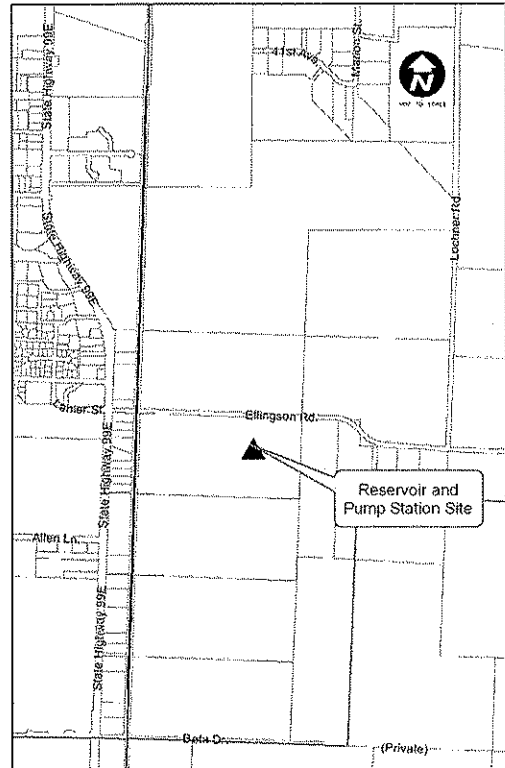
Total Cost: \$5,375,000

This project includes a 4-million gallon concrete reservoir and 6-million gallon per day pump station located on Ellingson Road and an allowance of 300 feet of new 24-inch pipeline necessary to connect the reservoir to the water line on Ellingson Road constructed as part of the Gatorade project (see CIP #1870). This project is needed to meet future storage requirements in Zone 1 and will provide local fire protection storage and enhanced service pressures in the southwest Albany area.

Operations Budget Impact: This project will increase maintenance costs because it adds a new reservoir and pump station to be operated and maintained.

Funding Sources For This Project:

<u>Activity</u> <u>Funding Source</u>	<u>Projected Amount</u>
615-50-2300 SDC - IMPROVEMENT - WATER	\$5,375,000
Total:	\$5,375,000



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: \$500,000

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

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

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
615-50-2307	WATER RATES/OPERATING REVENUES	\$500,000
	Total:	\$500,000

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
5	2008	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$1,500,000
6	2009	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$1,000,000
7	2010	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$500,000
8	2011	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$500,000
9	2012	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$500,000
10	2014	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$500,000
Grand Total - All Related Projects:				\$4,500,000

Plan FY: 2010-2011 FUTURE PIPE OVERSIZING

CIP Project #: 1272

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

Plan Element:
Classification: Developer Improvements - Water

SDC

Total Cost: \$10,000

This is a programmed allocation to provide a source of funds to pay for water line oversizing costs.

As a condition of land use approval, developers are sometimes required to construct water lines that are larger than the minimum line size that could otherwise serve their development. These are lines that are identified in the Water System Facility Plan and are designed to serve system capacity and operational needs. When the larger-sized lines are constructed, if funds are available, the developer may be reimbursed for the material cost difference between the large-size line and the minimum-size line required.

Operating Budget Impact: This project does not impact the operating budget. These funds are available to reimburse developers for oversizing waterlines constructed as part of their development project.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
615-50-2300	SDC - IMPROVEMENT - WATER	\$10,000
	Total:	\$10,000

Plan FY: 2010-2011 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

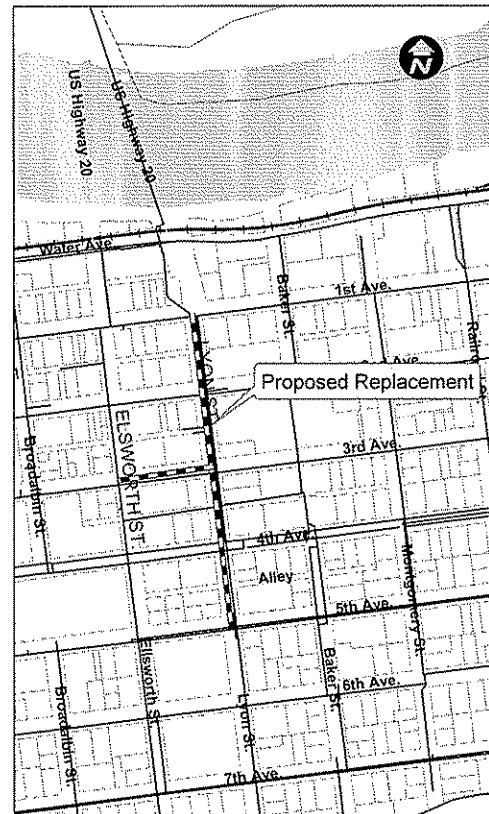
Total Cost: \$520,000

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:

Activity	Funding Source	Projected Amount
615-50-2308	WATER RATES/OPERATING REVENUES	\$520,000
Total:		\$520,000



Capital Improvement Program 2008-2012

Plan FY: 2010-2011 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

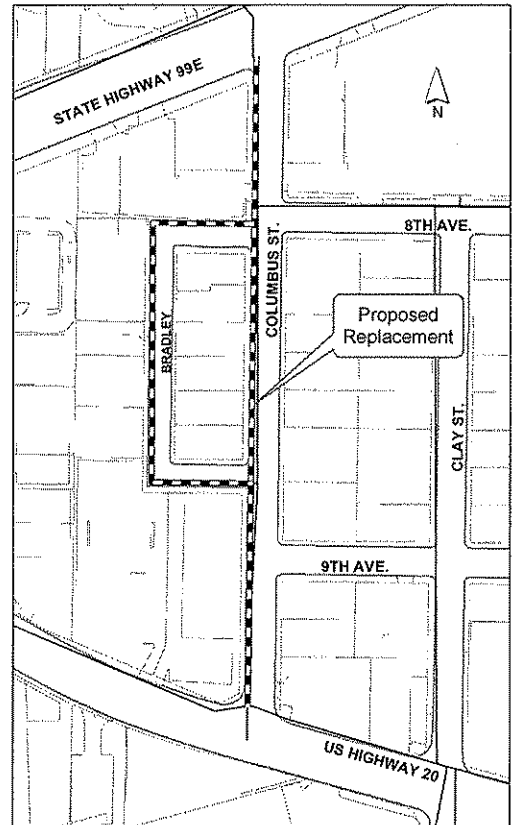
Total Cost: \$271,000

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

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

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
615-50-2308	WATER RATES/OPERATING REVENUES	\$271,000
Total:		\$271,000



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: \$500,000

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

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

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
615-50-2307	WATER RATES/OPERATING REVENUES	\$500,000
	Total:	\$500,000

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
5	2008	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$1,500,000
6	2009	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$1,000,000
7	2010	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$500,000
8	2011	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$500,000
9	2012	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$500,000
10	2014	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$500,000
Grand Total - All Related Projects:				\$4,500,000

Capital Improvement Program 2008-2012

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

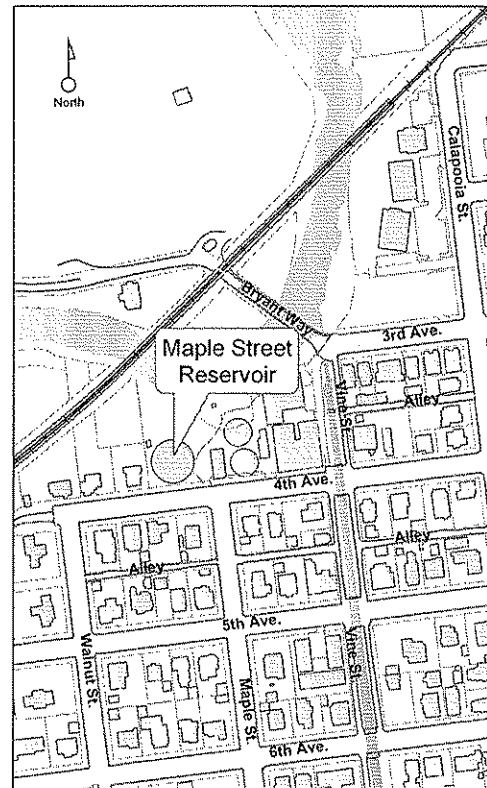
Total Cost: \$263,000

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	\$263,000
Total:		\$263,000



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: P14, P15
Classification: Water Mains

Total Cost: \$1,066,000

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

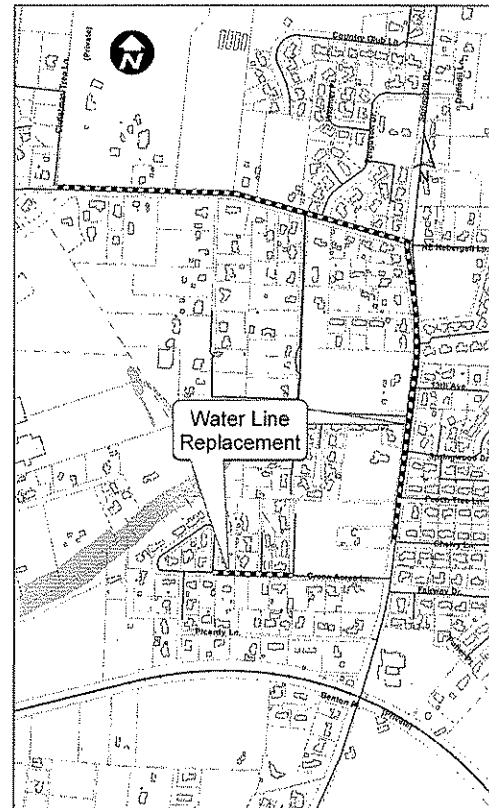
Operations Budget Impact: This project will reduce maintenance costs in the long term because it improves water flow movement in the area and increases pressure.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
615-50-2308	WATER RATES/OPERATING REVENUES	\$1,066,000
Total:		\$1,066,000

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
1	2011	NORTH ALBANY DISTRIBUTION PROJECTS	Water	\$1,066,000
2	2012	NORTH ALBANY DISTRIBUTION PROJECTS	Water	\$1,188,000
3	2014	NORTH ALBANY DISTRIBUTION PROJECTS	Water	\$28,000
Grand Total - All Related Projects:				\$2,282,000



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: \$284,000

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

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

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
615-50-2308	WATER RATES/OPERATING REVENUES	\$284,000
	Total:	\$284,000

Plan FY: 2011-2012 FUTURE PIPE OVERSIZING

CIP Project #: 1273

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

Plan Element:
 Classification: Developer Improvements - Water

SDC

Total Cost: \$10,000

This is a programmed allocation to provide a source of funds to pay for water line oversizing costs.

As a condition of land use approval, developers are sometimes required to construct water lines that are larger than the minimum line size that could otherwise serve their development. These are lines that are identified in the Water System Facility Plan and are designed to serve system capacity and operational needs. When the larger-sized lines are constructed, if funds are available, the developer may be reimbursed for the material cost difference between the large-size line and the minimum-size line required.

Operating Budget Impact: This project does not impact the operating budget. These funds are available to reimburse developers for oversizing waterlines constructed as part of their development project.

Funding Sources For This Project:

<u>Activity</u> <u>Funding Source</u>	<u>Projected Amount</u>
615-50-2300 SDC - IMPROVEMENT - WATER	\$10,000
Total:	\$10,000

Capital Improvement Program 2008-2012

Plan FY: 2011-2012 9TH AVENUE AND 24TH AVENUE; EAST OF WAVERLY DRIVE

CIP Project #: 1588

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

Plan Element: Program - 1
Classification: Water Mains

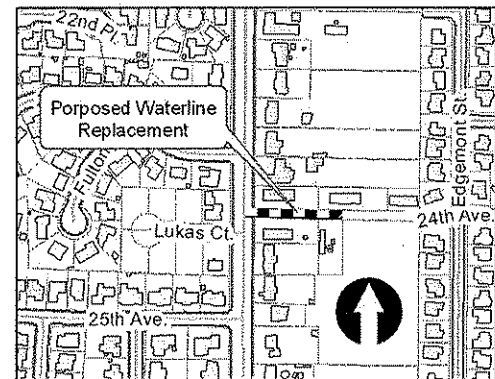
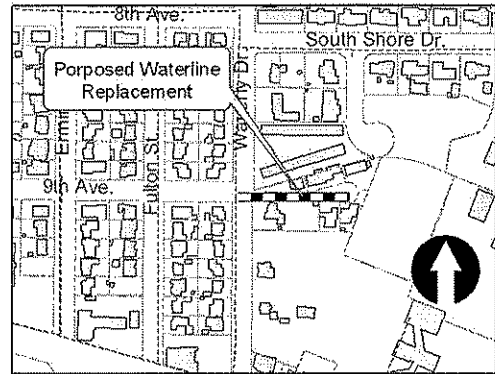
Total Cost: \$134,000

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

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

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
615-50-2308	WATER RATES/OPERATING REVENUES	\$134,000
Total:		\$134,000



Plan FY: 2011-2012 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: \$1,025,000

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:

Activity	Funding Source	Projected Amount
615-50-2308	WATER RATES/OPERATING REVENUES	\$1,025,000
Total:		\$1,025,000

Capital Improvement Program 2008-2012

Plan FY: 2011-2012 5TH AVENUE AND 6TH AVENUE; FERRY TO LYON

CIP Project #: 1595

Master Plan: Water Supply Master Plan

Plan Element: Perpetual Life Replacement

Category: Water

Classification: Water Mains

Department: Public Works Department

Total Cost: \$447,000

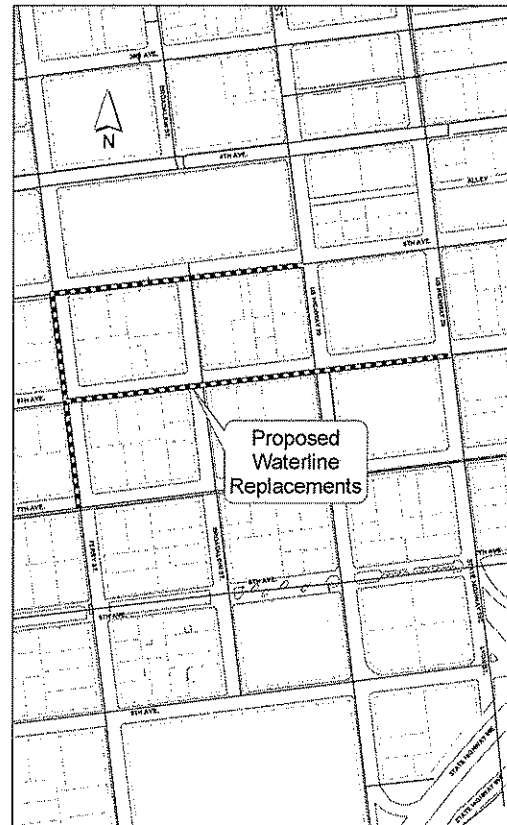
This project will replace approximately 2,240 feet of deteriorated and undersized water line with 8-inch ductile iron pipe. This project will reduce maintenance and improve flow and overall fire protection to the area around the Linn County Courthouse.

The replacements are: 5th Avenue, Ferry Street to Ellsworth Street; 6th Avenue, Ferry Street to Lyon Street; and Ferry Street, 5th Avenue to 7th Avenue.

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	\$447,000
	Total:	\$447,000



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: \$269,000

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	\$269,000
Total:		\$269,000



Capital Improvement Program 2008-2012

Plan FY: 2011-2012 SANTIAM-ALBANY CANAL IMPROVEMENTS

CIP Project #: 1675 Phase: 9

Master Plan:

Plan Element:

Category: Water

Classification: Water Supply & Storage

Department: Public Works Department

Total Cost: \$500,000

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

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

Funding Sources For This Project:

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

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
5	2008	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$1,500,000
6	2009	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$1,000,000
7	2010	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$500,000
8	2011	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$500,000
9	2012	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$500,000
10	2014	SANTIAM-ALBANY CANAL IMPROVEMENTS	Water	\$500,000
Grand Total - All Related Projects:				\$4,500,000

Plan FY: 2011-2012 NORTH ALBANY DISTRIBUTION PROJECTS

CIP Project #: 1751 Phase: 2

Master Plan: Water Supply Master Plan Plan Element: P16, P13
 Category: Water Classification: Water Mains
 Department: Public Works Department

Total Cost: \$1,188,000

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

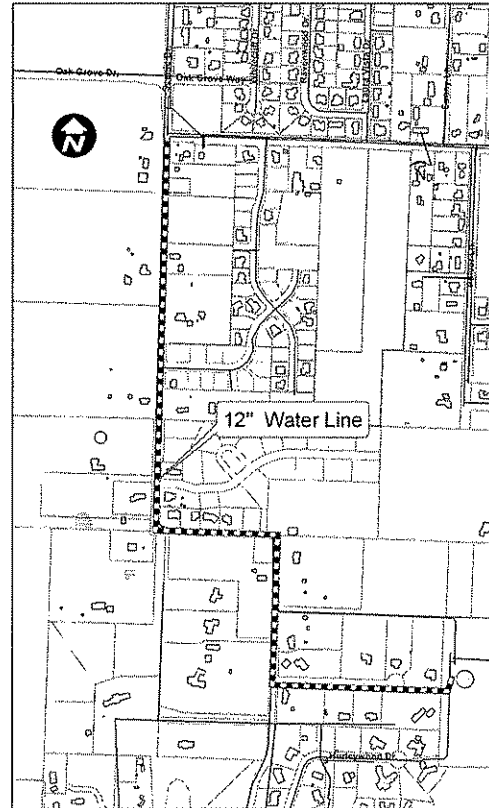
Operations Budget Impact: This project will reduce maintenance costs in the long term because it improves water flow movement in the area and increases pressure.

Funding Sources For This Project:

Activity	Funding Source	Projected Amount
615-50-2308	WATER RATES/OPERATING REVENUES	\$1,188,000
Total:		\$1,188,000

Related Projects:

Phase	Year	Title	Category	Projected Total
1	2011	NORTH ALBANY DISTRIBUTION PROJECTS	Water	\$1,066,000
2	2012	NORTH ALBANY DISTRIBUTION PROJECTS	Water	\$1,188,000
3	2014	NORTH ALBANY DISTRIBUTION PROJECTS	Water	\$28,000
Grand Total - All Related Projects:				\$2,282,000



Capital Improvement Program 2008-2012

Plan FY: 2011-2012 VINE STREET WTP SEISMIC UPGRADES

CIP Project #: 1789

Master Plan: Water Supply Master Plan

Plan Element: WTP 17

Category: Water

Classification: Water Supply & Storage

Department: Public Works Department

Total Cost: \$764,000

This project involves conducting a detailed evaluation and design of seismic compliance upgrades at the Vine Street Plant. Proposed work includes an engineering inspection and report and structural improvements to the plant such as pipeline restraints and reinforcement of brick structures. If a FEMA grant is awarded for seismic improvements identified under CIP #1861 then this project may be scaled back or eliminated.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
615-50-2308	WATER RATES/OPERATING REVENUES	\$764,000
	Total:	\$764,000

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.

Developer Improvements - Water

CIP #	Phase	Year	Title	Projected Total
1274		2013	FUTURE PIPE OVERSIZING	\$10,000
1275		2014	FUTURE PIPE OVERSIZING	\$10,000
1276		2015	FUTURE PIPE OVERSIZING	\$10,000
1277		2016	FUTURE PIPE OVERSIZING	\$10,000
1278		2017	FUTURE PIPE OVERSIZING	\$10,000
1279		2018	FUTURE PIPE OVERSIZING	\$10,000
1280		2019	FUTURE PIPE OVERSIZING	\$10,000
1281		2020	FUTURE PIPE OVERSIZING	\$10,000
1282		2021	FUTURE PIPE OVERSIZING	\$10,000
1283		2022	FUTURE PIPE OVERSIZING	\$10,000
1284		2023	FUTURE PIPE OVERSIZING	\$10,000
1285		2024	FUTURE PIPE OVERSIZING	\$10,000
1286		2025	FUTURE PIPE OVERSIZING	\$10,000
Total for Unfunded Developer Improvements - Water:				\$130,000

Miscellaneous - Water

CIP #	Phase	Year	Title	Projected Total
1790	1	2014	WATER FACILITY PLAN UPDATE	\$432,000
1790	2	2024	WATER FACILITY PLAN UPDATE	\$623,000
Total for Unfunded Miscellaneous - Water:				\$1,055,000

New Construction - Water

CIP #	Phase	Year	Title	Projected Total
1311		0	MARION STREET & 41ST AVENUE TO COLLEGE PARK DRIVE	\$244,000
1312		0	BROADWAY RESERVOIR TO MAIN & SALEM AVENUE	\$3,960,000
1640		0	CENTRAL ALBANY TRANSMISSION PROJECT	\$4,913,000
1641		0	DEVELOPMENT DRIVEN TRANSMISSION/DISTRIBUTION PROJECTS	\$4,565,000
1862		0	SOUTH NEBERGALL LOOP WATER LINE	\$238,000
1866		0	THREE LAKES ROAD WATERLINE EXTENSION (21ST AVE TO 2,500 FEET SOUTH)	\$569,000
Total for Unfunded New Construction - Water:				\$14,489,000

Water Mains

CIP #	Phase	Year	Title	Projected Total
1314		0	STEEL LINE REPLACEMENT PROGRAM	\$8,011,000
1443	2	0	OAK STREET, 9TH AVENUE TO QUEEN AVENUE	\$591,000

CIP #	Phase	Year	Title	Projected Total
1558		0	SPRINGHILL DRIVE OFF COUNTRYMAN CIRCLE	\$110,000
1559		0	RIDGEVIEW LANE NW	\$98,000
1560		0	KOUNS DRIVE AREA TO SCENIC DRIVE	\$788,000
1561		0	RONDO STREET AREA, HIGHWAY 20 TO KOUNS DRIVE	\$1,013,000
1562		0	COUNTRYMAN CIRCLE, WEST SIDE	\$606,000
1564		0	SCENIC DRIVE NW, VALLEY VIEW DRIVE TO DEAD-END NORTH OF PALESTINE AVENUE	\$893,000
1565		0	KNOLLWOODS DRIVE, SOUTH OF POWERS AVENUE NW	\$101,000
1566		0	SOX LANE NW, SOUTH OF POWERS AVENUE	\$93,000
1567		0	POWERS AVENUE, OAK GROVE DRIVE EAST	\$317,000
1568		0	OAK GROVE DRIVE, NORTH OF POWERS AND ALONG PALESTINE DRIVE	\$591,000
1569		0	VINE STREET, 6TH TO 7TH	\$46,000
1570		0	CALAPOOIA STREET, BETWEEN 5TH AND 6TH	\$45,000
1571		0	THORNTON LAKE DRIVE NW, REPLACE SERVICE CONNECTION	\$17,000
1572		0	EAST THORNTON LAKE DRIVE NW	\$243,000
1573		0	PARK TERRACE NW, OFF GIBSON HILL ROAD	\$155,000
1578		0	FRANKLIN AVENUE WATER LINE REPLACEMENT	\$101,000
1580		0	FRONT AVENUE, MAIN TO SHERMAN	\$30,000
1581		0	MONTGOMERY STREET, WATER AVENUE TO 1ST AVENUE	\$27,000
1582		0	2ND AVENUE, CALAPOOIA STREET TO WASHINGTON STREET	\$46,000
1583		0	PACIFIC BOULEVARD, WAVERLY DRIVE TO ALBANY AVENUE	\$408,000
1585		0	SKYLINE DRIVE, GIBSON HILL ROAD TO ORCHARD HEIGHTS DRIVE	\$156,000
1587		0	6TH AVENUE, ELM TO MAPLE AND WALNUT STREET, 6TH TO 7TH	\$123,000
1589		0	DAVIDSON STREET, 8TH TO SANTIAM [WFP]	\$127,000
1592		0	JEFFERSON, MONTGOMERY, JACKSON AND 6TH AVENUE AREA	\$525,000
1593		0	CLEVELAND STREET, 7TH AVENUE TO PACIFIC BOULEVARD	\$41,000
1596		0	LINCOLN STREET, 12TH AVENUE TO 15TH AVENUE	\$243,000
1606		0	LAFAYETTE, CLOVERDALE, PEACH TREE, CHERRY AND FAIRWAY AREA	\$758,000
1746		0	UNDERSIZED PIPELINES WITH HYDRANTS REPLACEMENT PROGRAM	\$3,879,000
1747		0	PERPETUAL LIFE REPLACEMENT PROGRAM	\$82,154,000
1782		0	CENTURY DRIVE WATER SYSTEM	\$1,122,000
1783		0	DRAPERVILLE WATER SYSTEM	\$769,000
1806		0	SHADY LANE, SOUTH OF DOGWOOD LANE NW	\$139,000
1608		2013	THURSTON STREET SE AND BROADALBIN WATER LINE REPLACEMENT AND EXTENSION	\$533,000
1638	1	2013	ZONE 1 DISTRIBUTION PROJECTS	\$658,000
1638	2	2014	ZONE 1 DISTRIBUTION PROJECTS	\$294,000
Total for Unfunded Water Mains:				\$105,851,000

Water Supply & Storage

CIP #	Phase	Year	Title	Projected Total
1300	1	0	KNOX BUTTE RESERVOIR PROJECT, PHASE 1	\$6,728,000
1300	2	0	KNOX BUTTE RESERVOIR PROJECT, PHASE 2	\$3,912,000
1634		0	INCREASE LEVEL 2 PUMP STATION CAPACITY	\$11,000
1636	2	0	VINE STREET WTP PROJECTS, PHASE 2	\$5,047,000
1639	2	0	ELLINGSON ROAD RESERVOIR PROJECT	\$3,783,000
1644		0	JOINT WATER PROJECT, PHASE 2	\$4,359,000

Capital Improvement Program 2008-2012

CIP #	Phase	Year	Title	Projected Total
1675	1	0	SANTIAM-ALBANY CANAL IMPROVEMENTS, 9TH TO QUEEN	\$500,000
1675	11	0	SANTIAM-ALBANY CANAL IMPROVEMENTS	\$4,023,000
1752		0	WILDWOOD RESERVOIR #2	\$766,000
1636	1	2013	VINE STREET WTP IMPROVEMENTS, PHASE 1	\$1,464,000
1675	10	2014	SANTIAM-ALBANY CANAL IMPROVEMENTS	\$500,000
1751	3	2014	NORTH ALBANY DISTRIBUTION PROJECTS	\$28,000
Total for Unfunded Water Supply & Storage:				\$31,121,000

Grand Total for Unfunded Water: \$152,646,000