

CAPITAL IMPROVEMENT PROGRAM



FY 2005 through 2009

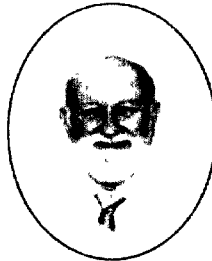


**PRELIMINARY PLAN
APRIL 20, 2004**

City of Albany
Preliminary Capital Improvement Program

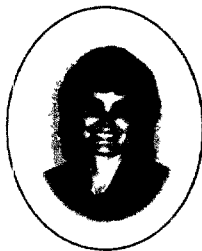
FY 2004-2005 through 2008-2009

Chuck McLaran, Mayor



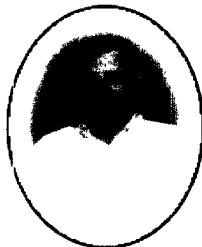
Doug Killin, Ward 1

Dick Olsen, Ward 1



Sharon Konopa, Ward 2

Ralph Reid Jr., Ward 2



Leonard Smith, Ward 3

Bessie Johnson, Ward 3

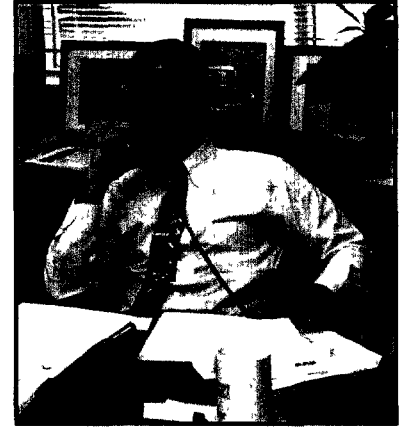


City Manager: Steve Bryant
Fire Chief: Kevin Kreitman
Parks Director: Ed Hodney
Community Dev. Director: Helen Burns Sharp
Human Resources Director: Mary Beth Altmann Hughes

Asst. City Manager: Susan Busbice
Library Director: Ed Gallagher
Police Chief: Joe Simon
Public Works Director: Diane Taniguchi-Dennis

To the City Council and Residents of Albany:

The Capital Improvement Program (CIP) of the City of Albany is the combined infrastructure plan for our community's future. Within it you will find the City's commitment to maintaining what we have, and the plans for providing for our children's future.



Over the last year, the City Council has been involved in a major outreach process with the community, specifically focused on our major infrastructure needs.

Likewise, the citizen-based Water Task Force is in the process of wrapping up more than two years of work. Their process is resulting in a revised Water Master Plan which lays out the needed infrastructure projects to prepare the city for future needs along with addressing the problems we face with our existing system.

This preliminary CIP is truly preliminary. Since many projects remain under consideration, this submission is incomplete and the summary costs and timing shown are expected to change over the next few months as ongoing processes draw to a close.

However, our previous efforts are certainly bearing fruit. The construction of the Albany-Millersburg Joint Water Project is now underway. Construction contracts have been awarded and both cities soon will be well positioned to fulfill our existing and future water needs, allowing both cities to continue to grow. In addition, last year a source of funding for mandated wastewater improvements was secured at rates extremely favorable to the City.

All in all we hope you agree that these developments reflect a vibrant and caring community, willing to take on the challenges that lie before it.

In each section of this Capital Improvement Program, you will find detailed information about each project planned over the next five years. You will also see the known unfunded projects that are needed to maintain our existing systems, meet federal and state regulatory requirements, and accommodate our future growth.

If there is additional information you need or something isn't clear, please don't hesitate to ask us. Your City staff stands ready to serve you – to provide quality public services for a better Albany community.

Steve Bryant, City Manager





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INTRODUCTION

Decisions, Decisions, Decisions!

Major public involvement processes are driving community goals.

This last year has seen a major change in the development of the annual Capital Improvement Program (CIP) for Albany. Beginning last spring, the City Council participated in a months-long community roundtable process sponsored by the Chamber of Commerce, designed to increase knowledge and awareness of issues facing the people of Albany and the major improvements being proposed for the city.

That roundtable process was followed by on-going City Council discussions and a Town Hall meeting in the fall to review and comment on the various projects proposed. Subsequent to that process, the City Council commissioned a scientific public opinion survey of residents regarding these major improvements in a two-step process that is continuing.

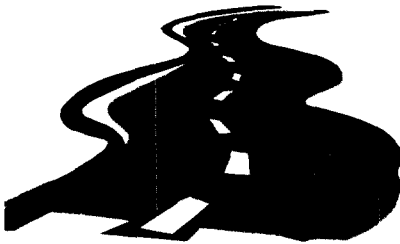
While the Council was involved in this ongoing work, the citizen-based Water Task Force was continuing its look at the long-term needs of the City water system. A revised master list of needed projects has been preliminarily developed by them, but a funding strategy to pay for the needed costs in the proposed timeline remains elusive.

And on yet another front, the Central Albany Revitalization Area (CARA) Agency has continued its work on developing projects to be pursued within the renewal district. Fortunately, that list was completed just in time as a last-minute addition in this preliminary CIP.

The bottom line is that there are a series of projects of significant importance to the future that are not fully reflected in this preliminary document. Recognizing this would be the case, the Council directed that this preliminary document should move forward with the more routine projects that are listed each year, with the understanding that the major projects will be folded in over the next few months as the various groups involved develop their recommendations.

Strategic Financial Planning

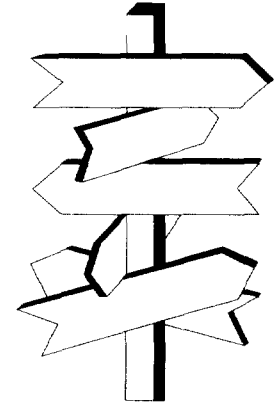
The Capital Improvement Program (CIP) is a planning document that identifies capital projects in the next 5-year horizon for elected officials, citizens, and staff. The first year of the CIP will be the basis for developing the capital portion of the forthcoming City Budget for 2004-2005. Once a project appears in the first year of the CIP and makes it into the budget, it will not appear again.



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 we *cannot* fund at this time.

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

Because of the ongoing processes of looking at the major projects that was mentioned before, the public hearing on the CIP will occur much later than usual. In late April or early May, a public hearing will be scheduled where anyone and everyone is invited to make their feelings known about these plans for the future. Following the public hearing process, the City Council will revise the plan as necessary and then adopt the final plan. 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 were funded in prior CIPs and budgets that are currently in process, or which have been revised/completed. Because these and earlier continuing projects have been authorized and funded, they no longer appear in the detail pages of the CIP.

IN PROCESS # 1299 Albany-Millersburg Joint Water Project

This project is proceeding through the initial construction process. This project will be carried forward in the annual budget until completed in approximately three years.

IN REVIEW # 1390 Swanson Water Park

A \$2.5 million dollar project that is the focus of great community support is being reviewed to insure that the best solution for the community is pursued.

COMPLETED # 1317-2 Bike Path Connections

COMPLETED # 1318-1 Lexington Park Development (Phase 1)

IN PROCESS # 1319 Tadena Park Playground Equipment Replacements

The City is still awaiting (since May 2003) the final signatures from the state authorizing the grant to help pay this \$80,000 project. Final completion is expected this summer.

IN PROCESS # 1337 New Library Facility

While still the subject of discussion and awaiting final process to set-up a general obligation bonding vote, this project was included in the final adopted CIP last year.

IN PROCESS # 1189 Regional Multimodal Transportation Center

This \$13.8 million dollar project is being funded primarily by federal and state grants. The project includes changes to the Pacific Boulevard/Lyon Street underpass, access and beautification improvements to the current train station area, water system improvements, and sewer system repairs.

COMPLETED # 1439 5th Avenue Canal Bridge Replacement

COMPLETED # 1190-2 Airport Facility Project

IN PROCESS # 1318-2 Lexington Park Development

This is phase two of a two-part project for Lexington Park. The entire project should be completed by this summer.

CANCELLED # 1620 Timber Linn Park Amphitheater ADA Access

The project was cancelled pending a comprehensive look at the Timber Linn Park facilities and a Parks Master Plan update.

IN PROCESS # 1002 Hill Street, 9th to Queen

This project was added by the Council during the current fiscal year and is moving forward with necessary utility work before the street improvements begin.

IN PROCESS # 1117 North Albany Road/Gibson Hill Intersection Project

This project is moving forward in concert with the extension of North Albany Road and formation of a local improvement district (LID).

IN PROCESS # 1156 North Albany Road LID/Extension

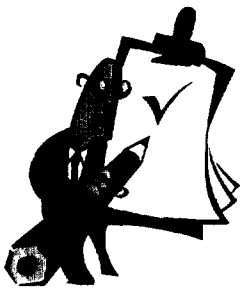
This project is in process and awaiting the completion of the LID formation.

COMPLETED # 1556 2nd Avenue and Periwinkle Creek Culvert Project

IN PROCESS # 1245 14th to Queen/Main to Oak Wastewater Main Replacement

This \$867,000 project has been bid and awarded and is expected to be completed this summer.

IN PROCESS # 1257 Hydroelectric Facility Improvements (Re-Start)



Funding has been secured and is in process of construction contract bidding.

IN PROCESS # 1259 & # 1260 Fish Screens & Diversion Dam Improvements

This project has been awarded in conjunction with the Joint Water Project.

IN PROCESS # 1288 Madison/Thurston/Cleveland Area Water Main

This \$328,000 project is in construction and is expected to be completed this spring.

COMPLETED # 1289 Maple Street, 7th to 11th Area Water Main Replacement

COMPLETED # 1292 28th Avenue, Thurston to Oak Water Main Replacement

IN PROCESS # 1197-1 Pre-Design for Treatment Plant Improvements

This \$100,000 project is currently in design and is expected to be completed sometime this summer.

IN PROCESS # 1246 Salem Avenue and Geary Street Railroad Sewer Undercrossing

This \$176,000 project is currently in design and is expected to be completed this summer.

IN PROCESS # 1650 Pacific Boulevard Off-Ramp and Lyon Street Trunk Sewer Replacement

This \$330,000 project is currently in design and is expected to be completed this summer.

IN PROCESS # 1292 28th Avenue, Thurston to Oak Water Main Replacement

This \$415,000 project is currently in design and is expected to be completed this summer.

COMPLETED # 1287 Maple Street Reservoir Coating

This project was completed and leftover funding allowed the Queen Avenue Reservoir to also be re-coated.

IN PROCESS # 1290 Valley View Area West Water Line Replacements

This \$286,000 project is currently in design and is expected to be completed this summer.

IN PROCESS # 1291 5th Avenue, Main to Ellsworth Water Line Replacement

This \$670,000 project is currently in design and is expected to be completed this summer.

IN PROCESS # 1632-1 East End Transmission Project (Phase 1)

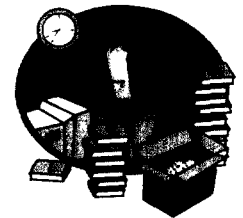
This \$54,000 project is currently under construction and is expected to be completed this spring.

ON HOLD # 1675-1 Santiam-Albany Canal Improvements, 9th to Queen

This \$500,000 project is currently on hold pending further investigation of canal needs as the Diversion Dam/Fish Screen project unfolds.

Got a Question?

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





For information on Transportation, Water, or Wastewater projects contact:

Public Works Department
Bob Woods 917-7654
bwoods@ci.albany.or.us

For information on Parks projects contact:

Parks & Recreation Department
Shaun Cooper 917-7774
scooper@ci.albany.or.us

For information on Revitalization and non-government Public Facilities contact:

Community Development Department
Pam Silbernagel 917-7565
psilbernagel@ci.albany.or.us



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 that each of these funds receives must be spent for the purposes for which the fund was set up.

Water Fund etc.:

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 business.

As was said in the introduction, there are a large number of projects pending decisions by the City Council, Water Task Force, and CARA. Most of those projects are not contained in this preliminary CIP. Some are, but the nature and mix of these proposed projects, primarily the water utility master plan proposal, may change significantly by the time that this document is reviewed.

Sources of Funding

The table on the next page shows the relative breakdown of funding sources for all the projects contained in the 2005-2009 CIP.

This chart shows the total commitment of funds for projects in any given year, not the amount actually being spent. As you can see, the relative amounts of money vary significantly and can change from year to year.

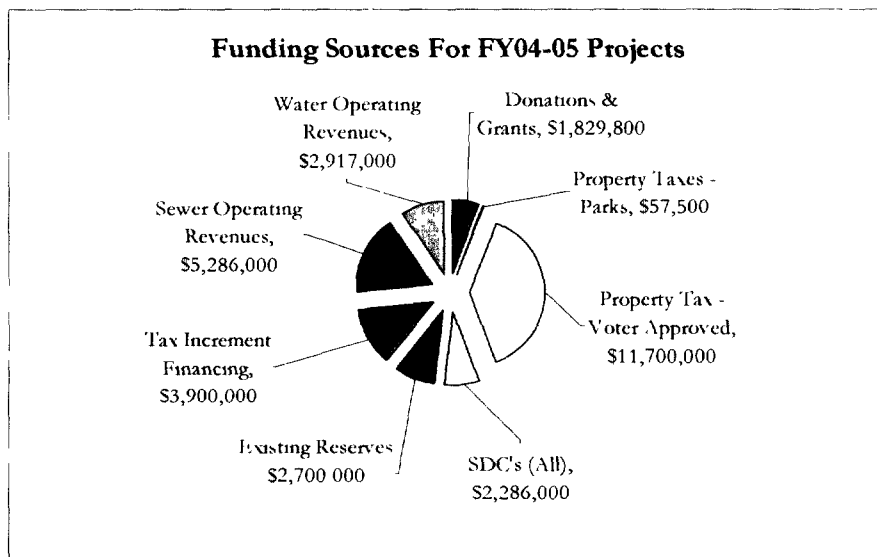
Grants are a one-time source of money. To rely on grants to be a major source of improving our infrastructure is a precarious approach. The money may or may not be there and is available only through decisions made outside our community. While the City actively looks to get grants where available, we 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 SDC revenue. Each project in this CIP will have all funding sources clearly identified.

Funded Summary By Funding Source - Projected Cost Totals

<u>FUNDING SOURCE</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>TOTAL</u>
CENTRAL SERVICE CHARGES	\$150,000	\$0	\$0	\$0	\$0	\$150,000
DONATIONS	\$1,129,800	\$11,000	\$11,000	\$0	\$0	\$1,151,800
FEDERAL GRANTS	\$450,000	\$0	\$0	\$0	\$0	\$450,000
FUND CONTINGENCY	\$850,000	\$0	\$0	\$0	\$0	\$850,000
GRANT - Unspecified	\$250,000	\$0	\$0	\$0	\$0	\$250,000
NORTH ALBANY WATER CAPITAL CHARGE	\$136,000	\$0	\$0	\$0	\$0	\$136,000
PROPERTY TAXES - PARKS FUND	\$57,500	\$2,000	\$69,000	\$0	\$0	\$128,500
PROPERTY TAXES - VOTER APPROVED BOND	\$11,700,000	\$0	\$0	\$0	\$0	\$11,700,000
RESERVE: CAPITAL PROJECTS	\$200,000	\$0	\$0	\$145,000	\$185,000	\$530,000
RESERVE: EQUIPMENT REPLACEMENT	\$1,500,000	\$0	\$0	\$0	\$0	\$1,500,000
SDC - IMPROVEMENT - PARKS	\$350,000	\$0	\$0	\$0	\$0	\$350,000
SDC - IMPROVEMENT - SEWER	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
SDC - IMPROVEMENT - TRANSPORTATION	\$800,000	\$0	\$0	\$0	\$0	\$800,000
SDC - IMPROVEMENT - WATER	\$844,000	\$10,000	\$10,000	\$753,000	\$484,000	\$2,101,000
SDC - REIMBURSEMENT - WATER	\$242,000	\$246,000	\$0	\$0	\$0	\$488,000
SEWER RATES/OPERATING REVENUES	\$786,000	\$395,000	\$1,444,000	\$1,482,000	\$1,588,000	\$5,695,000
STATE OF OREGON	\$4,500,000	\$55,500,000	\$0	\$0	\$0	\$60,000,000
TAX INCREMENT - CARA	\$3,900,000	\$0	\$0	\$0	\$0	\$3,900,000
WATER RATES/OPERATING REVENUES	\$2,781,000	\$4,722,000	\$4,373,000	\$2,466,000	\$1,609,000	\$15,951,000
GRAND TOTALS:	\$30,676,300	\$60,936,000	\$5,957,000	\$4,896,000	\$3,916,000	\$106,381,300

The following chart looks at FY 2004-2005 and shows the funding sources that will be contained in the next budget, subject to further changes to this document.



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 for other sources. Last year, 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's important to remember that 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 are the FY2005 Library General Obligation Bond, in the amount of \$11.7 million dollars to be voted on in November of 2004; a 2004 CARA redevelopment bond that is authorized by the Redevelopment Agency through tax increment financing; and the Oregon DEQ State Revolving Fund loan already approved by the Council for the Wastewater Treatment Plant Project.

The wastewater project is the result of a legal commitment the City entered into that promises to deal with sanitary sewer overflows by the year 2010. Currently, the project cost is estimated to be \$60,000,000 in projected 2009 costs.

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. What you see are the total costs of the projects in the year the money is made available.

Funded Summary By Funding Source - Projected Cost Totals

<u>CATEGORY</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>TOTAL</u>
Parks	\$2,787,300	\$13,000	\$80,000	\$0	\$0	\$2,880,300
Public Facilities	\$12,350,000	\$0	\$0	\$0	\$0	\$12,350,000
Revitalization	\$3,900,000	\$0	\$0	\$0	\$0	\$3,900,000
Transportation	\$1,450,000	\$0	\$0	\$0	\$0	\$1,450,000
Wastewater	\$5,736,000	\$55,945,000	\$1,494,000	\$1,532,000	\$1,638,000	\$66,345,000
Water	\$4,453,000	\$4,978,000	\$4,383,000	\$3,364,000	\$2,278,000	\$19,456,000
<u>GRAND TOTALS:</u>	\$30,676,300	\$60,936,000	\$5,957,000	\$4,896,000	\$3,916,000	\$106,381,300

COMMUNITY NEEDS

Major Needs that Missed the List

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

This section of the CIP deals with those projects that were not proposed for funding within the five-year time frame of the CIP.

Park Equipment Replacement/Renovation Needs

Currently, there is a backlog of park equipment replacement projects totaling \$2.5 million. Examples of these projects include the replacement of unsafe, 30-year-old playgrounds, ball field lighting systems, irrigation systems, and park buildings/structures. SDC funds cannot be used for these projects, and the City has not identified an appropriate and sufficient funding source for them.

Police and Fire Construction Bond

This project involves construction of new facilities to deal with police overcrowding and fire station building deficiencies. Raising the projected \$12.3 million dollars would cost a \$150,000 house an additional \$75 per year.

Street Construction Bond

A follow-up to the recommendation of the Mayor's Task Force involves another \$10 million bond for street construction projects. This would cost a \$150,000 house an additional \$53 per year.

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. A \$5 per month charge on residences would bring in approximately \$700,000 for the program.

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. This first phase of the project would provide improvements along the Canal right-of-way between Pacific Boulevard/Queen Avenue north to the 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 new 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 that require 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 the STRIDE effort and by the Albany Visitors Association include: Pacific Boulevard near 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/US 20. To clarify entry into the pedestrian-oriented downtown, CALUTS calls for establishment of gateways at the Pacific/OR 99E off-ramp near 8th Avenue; Ellsworth bridge/US 20 near 1st Avenue; and 1st Avenue near the Thurston Canal.



I-5 East – Infrastructure Improvements

This plan will provide sewer, water, and streets to an area east of Interstate 5, generally bounded by Hwy. 20, Grand Prairie, and Timber Street and Three Lakes Road. This area currently has limited public sanitary sewer or water service and has inadequate street access. Industrial development and existing business expansion has been hindered because of inadequate infrastructure.

The recently annexed Kempf industrial site is being moved towards certification by the State of Oregon as ready for development. Infrastructure will need to be in place or attainable within six months to achieve this designation.

Draperville/Century Drive Water System

This project would extend water service to an area of approximately 118 acres in the Draperville/Century Drive area of the city. Presently, the area is not served by City water, and all development draws water from wells. No further development greater than one, single-family home on an existing parcel may occur in this area until City water service is extended. (An existing parcel of adequate size may be partitioned, one time, into not more than three lots, providing three buildable lots.)

A Fresh Look and a New Direction

New expertise comes to town, and a fresh look at parks and recreation programs.

This last year saw a major change as Ed Hodney took over the reins of the Parks and Recreation Department. Fresh from his successful tenure as Parks and Recreation Director in Denton, Texas, Ed has already instated internal changes to improve operations and is beginning public processes to review our plans for our major facilities.

Ask what the difference would be if our community didn't have parks and recreational activities, where our kids and teenagers can spend their free time. The police will tell you that they'd be far busier than they are now. They'll also tell you that preventing crime is cheaper than solving crimes and filling prisons.

Parks and recreational activities provide the citizens of the City of Albany with essential services that enhance the quality of life. They foster personal health, strengthen the community, and prevent crime. They also protect the environment and contribute to a healthy economy.

The City of Albany's parks and recreation program strives to:

- Provide sufficient facilities and programs to meet the needs of the city's growing population.
- Ensure equitable distribution of recreational resources throughout Albany's neighborhoods.
- Provide equal access to diverse recreational opportunities for all residents, regardless of age, physical or mental ability, culture, or economic ability.
- Foster community stewardship of our natural resources through environmental education, outdoor experiences, and volunteer opportunities.
- Reduce dependency upon automobiles by providing a connected system of inviting trails and bikeways.
- Maximize access to programs and facilities through a system of interconnected parks, open space, and trails.

New Park Development

Following the policies identified in the Parks Master Plan, this year's CIP reflects steps to establish new parks in parts of the city that have been seeing significant growth. The Clover Ridge area, 53rd Avenue area, and North Albany are all targeted for securing new facilities in the next budget year.



The first step in this process will be securing land for the parks, where necessary. In succeeding years, actual development of the needed facilities will be accomplished. As much as we would like to have these projects completed right away, the people of Albany need to know that living within our existing budgets means that it takes several years to fully open these facilities.

Existing parks have things to look forward to also.

Developing a new water facility at Swanson Park is high on the list for funding. Currently the City is following the process necessary to develop the major aquatic facility that will best serve the entire city. This new project will be a part of that overall process, but will focus on developing an appropriate water facility to replace the pool at Swanson Park. Playground replacement is scheduled to begin at Burkhart Park as part of an on-going, three-phase process. Timber-Linn Park will get a fresh look as the community works towards revising the master plan for how that facility will function.

Funding Source Summary

The following pages will detail the projects and their individual funding sources. The table below summarizes the source of funding for those projects in the Funded category.

Funded Summary By Funding Source - Projected Cost Totals						
<u>FUNDING SOURCE</u>	2005	2006	2007	2008	2009	<u>TOTAL</u>
DONATIONS	\$1,129,800	\$11,000	\$11,000	\$0	\$0	\$1,151,800
GRANT - Unspecified	\$250,000	\$0	\$0	\$0	\$0	\$250,000
PROPERTY TAXES - PARKS FUND	\$57,500	\$2,000	\$69,000	\$0	\$0	\$128,500
RESERVE: EQUIPMENT REPLACEMENT	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000
SDC - IMPROVEMENT - PARKS	\$350,000	\$0	\$0	\$0	\$0	\$350,000
<u>GRAND TOTALS:</u>	\$2,787,300	\$13,000	\$80,000	\$0	\$0	\$2,880,300

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: 2004 - 2005			
1398		AQUATIC CENTER	\$2,352,300
1435	1	BURKHART PARK PLAYGROUND RE-PLACEMENT (PHASE 1)	\$15,000
1678		SWANSON PARK PLAYGROUND RE-PLACEMENT	\$70,000
1728		53RD AVENUE AREA LAND ACQUISITION	\$350,000
Total for FY 2004 - 2005			\$2,787,300
Plan Year: 2005 - 2006			
1435	2	BURKHART PARK PLAYGROUND RE-PLACEMENT (PHASE 2)	\$13,000
Total for FY 2005 - 2006			\$13,000
Plan Year: 2006 - 2007			
1435	3	BURKHART PARK PLAYGROUND RE-PLACEMENT (PHASE 3)	\$13,000
1622		HENDERSON PARK PLAYGROUND RE-PLACEMENT	\$67,000
Total for FY 2006 - 2007			\$80,000
Grand Total for Parks:			\$2,880,300

Plan FY: 2004-2005 AQUATIC CENTER

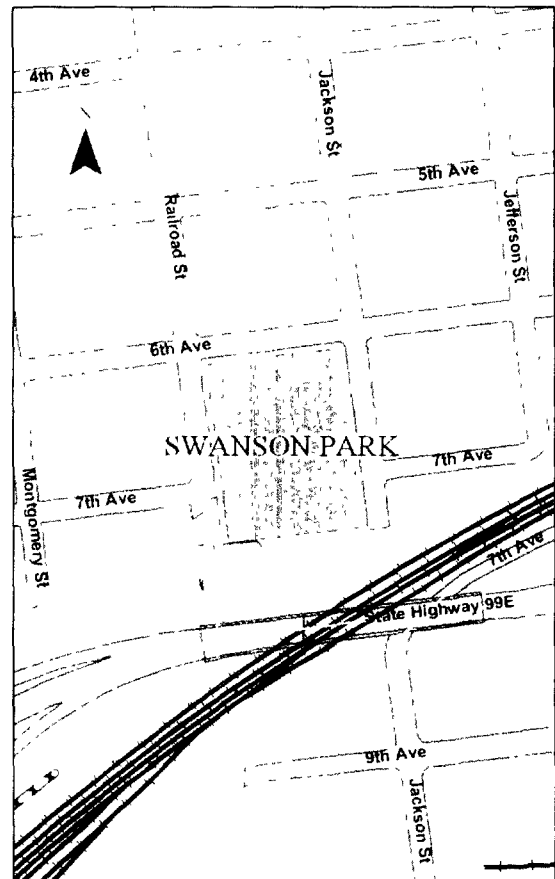
CIP Project #: 1398

Master Plan: Parks Master Plan **Plan Element:** Pg 4-51
Category: Parks **Classification:** Park Development
Department: Parks & Recreation Department
O&M Impact: Increase
Total Cost: \$2,352,300

This project will construct a new aquatic center designed for city wide use to replace the closed Swanson Pool. Final project scope, location and budgets are pending the completion of an aquatic services assessment in May 2004.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
09-482	RESERVE - EQUIPMENT REPLACEMENT	\$1,000,000
05-642	GRANT - Unspecified	\$250,000
	DONATIONS	\$1,102,300
	Total	\$2,352,300



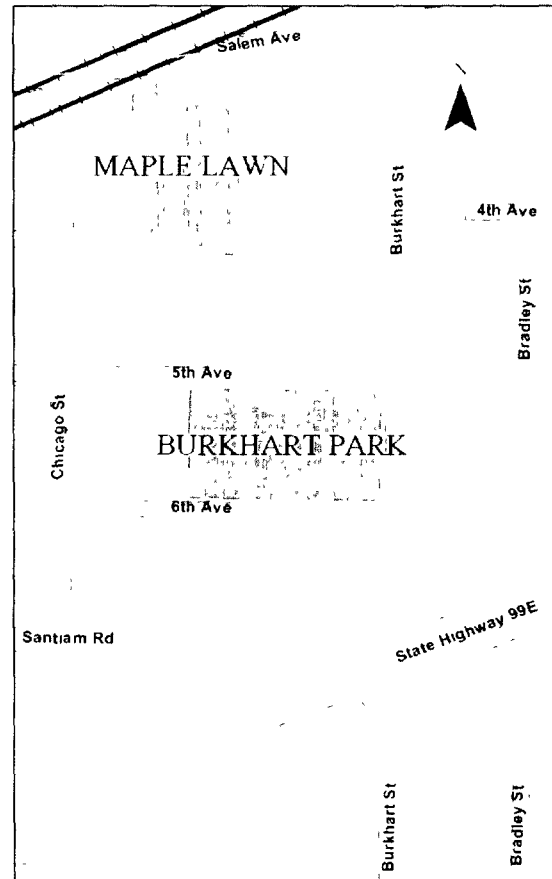
Capital Improvement Program 2005-2009

Plan FY: 2004-2005 BURKHART PARK PLAYGROUND REPLACEMENT (PHASE 1)

CIP Project #: 1435 Phase: 1

Master Plan: Parks Master Plan **Plan Element:** Page 4-14
Category: Parks **Classification:** Park Development
Department: Parks & Recreation Department
O&M Impact: Increase
Total Cost: \$15,000

Replace the existing playground equipment at Burkhart Park. The existing playground does not meet current ADA accessibility standards or ASTM safety standards.



Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
	DONATIONS	\$10,000
04-770	PROPERTY TAXES - PARKS FUND	\$5,000
	Total	\$15,000

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
1	2005	BURKHART PARK PLAYGROUND REPLACEMENT (PHASE 1)	Parks	\$15,000
2	2006	BURKHART PARK PLAYGROUND REPLACEMENT (PHASE 2)	Parks	\$13,000
3	2007	BURKHART PARK PLAYGROUND REPLACEMENT (PHASE 3)	Parks	\$13,000
Grand Total - All Related Projects				\$41,000

Plan FY: 2004-2005 SWANSON PARK PLAYGROUND REPLACEMENT

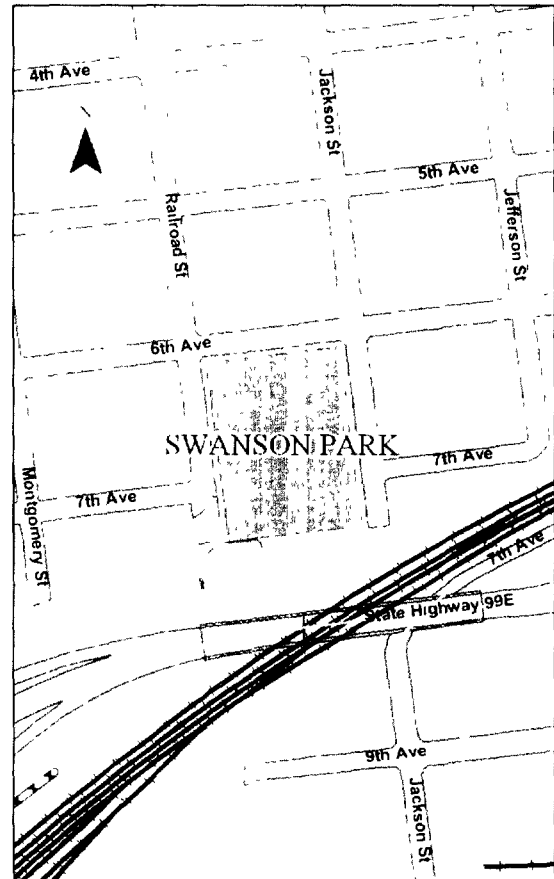
CIP Project #: 1678

Master Plan: Parks Master Plan **Plan Element:** Park Upgrades
Category: Parks **Classification:** Park Renovations
Department: Parks & Recreation Department
O&M Impact: Decrease
Total Cost: \$70,000

This project will replace the existing playground equipment at Swanson Park. The existing playground does not meet current ADA accessibility standards or ASTM safety standards. This project will be accomplished in tandem with aquatic center improvements, tentatively proposed for Swanson Park (see CIP# 1398) Funding is 17,500 Park Maintenance budget, 17,500 donation from Kiwanis Club, 35,000 grant from State of Oregon

Funding Sources For This Project:

Activity	Funding Source	Projected Amount
04-770	PROPERTY TAXES - PARKS FUND	\$17,500
04-770	PROPERTY TAXES - PARKS FUND	\$35,000
	DONATIONS	\$17,500
	Total	\$70,000



Capital Improvement Program 2005-2009

Plan FY: 2004-2005 53RD AVENUE AREA LAND ACQUISITION

CIP Project #: 1728

Master Plan: Parks Master Plan

Plan Element: Pg 4-18

Category: Parks

Classification: Park Development

Department: Parks & Recreation Department

O&M Impact: None

SDC

Total Cost: \$350,000

Acquire approximately 3-5 acres for a neighborhood park to serve the rapidly developing community in the 53rd Avenue area. The 2000 Parks Master Plan was recently revised to include this proposed park site. Development of this property will be addressed in a subsequent CIP, pending the update of the Parks Master Plan and the amendment of the Parks SDC methodology and fees.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
04-784	SDC - IMPROVEMENT - PARKS	\$350,000
	Total	\$350,000

Plan FY: 2005-2006 BURKHART PARK PLAYGROUND REPLACEMENT (PHASE 2)

CIP Project #: 1435 Phase: 2

Master Plan: Parks Master Plan Plan Element: Page 4-14
 Category: Parks Classification: Park Development
 Department: Parks & Recreation Department
 O&M Impact: Increase
 Total Cost: \$13,000

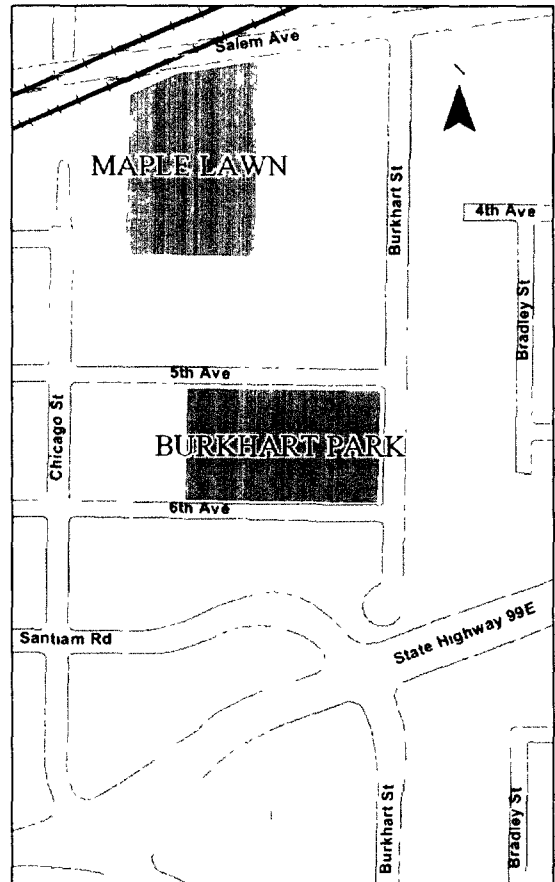
Replace the existing playground equipment at Burkhart Park. The existing playground does not meet current ADA accessibility standards or ASTM safety standards.

Funding Sources For This Project:

Activity	Funding Source	Projected Amount
	DONATIONS	\$11,000
04-770	PROPERTY TAXES - PARKS FUND	\$2,000
	Total	\$13,000

Related Projects:

Phase	Year	Title	Category	Projected Total
1	2005	BURKHART PARK PLAYGROUND REPLACEMENT (PHASE 1)	Parks	\$15,000
2	2006	BURKHART PARK PLAYGROUND REPLACEMENT (PHASE 2)	Parks	\$13,000
3	2007	BURKHART PARK PLAYGROUND REPLACEMENT (PHASE 3)	Parks	\$13,000
Grand Total - All Related Projects				\$41,000



Capital Improvement Program 2005-2009

Plan FY: 2006-2007 BURKHART PARK PLAYGROUND REPLACEMENT (PHASE 3)

CIP Project #: 1435 Phase: 3

Master Plan: Parks Master Plan **Plan Element:** Page 4-14
Category: Parks **Classification:** Park Development
Department: Parks & Recreation Department
O&M Impact: Increase
Total Cost: \$13,000

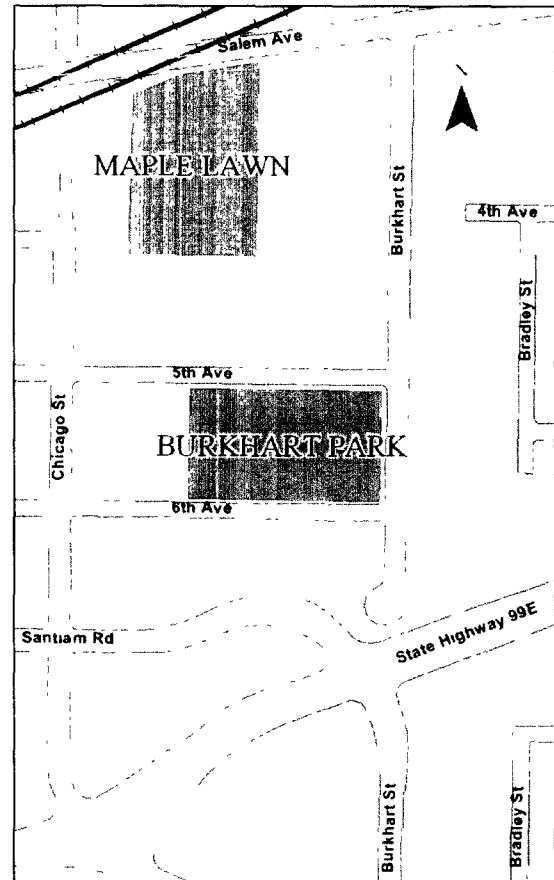
Replace the existing playground equipment at Burkhart Park. The existing playground does not meet current ADA accessibility standards or ASTM safety standards.

Funding Sources For This Project:

Activity	Funding Source	Projected Amount
	DONATIONS	\$11,000
04-770	PROPERTY TAXES - PARKS FUND	\$2,000
Total		\$13,000

Related Projects:

Phase	Year	Title	Category	Projected Total
1	2005	BURKHART PARK PLAYGROUND REPLACEMENT (PHASE 1)	Parks	\$15,000
2	2006	BURKHART PARK PLAYGROUND REPLACEMENT (PHASE 2)	Parks	\$13,000
3	2007	BURKHART PARK PLAYGROUND REPLACEMENT (PHASE 3)	Parks	\$13,000
Grand Total - All Related Projects				\$41,000



Plan FY: 2006-2007 HENDERSON PARK PLAYGROUND REPLACEMENT

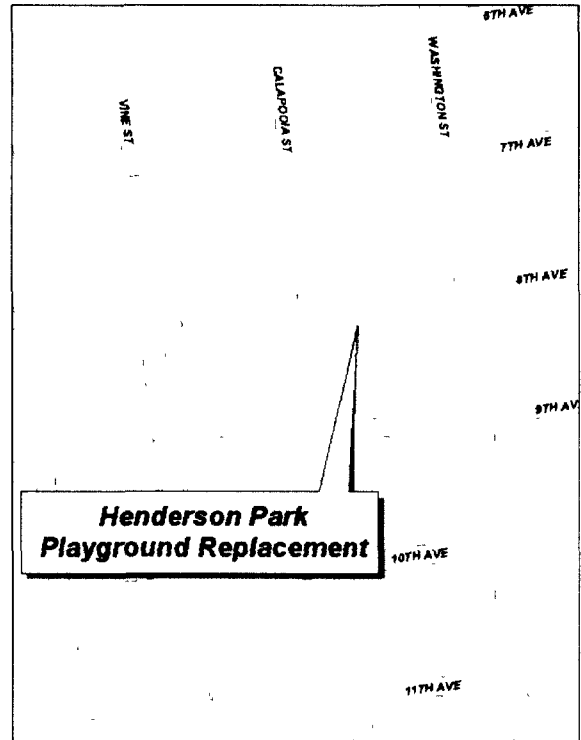
CIP Project #: 1622

Master Plan: Parks Master Plan **Plan Element:** Park Upgrades
Category: Parks **Classification:** Park Renovations
Department: Parks & Recreation Department
O&M Impact: Decrease
Total Cost: \$67,000

This project will replace the existing playground equipment at Henderson Park. The existing playground is over 40 years old and does not meet current ADA accessibility standards or ASTM safety standards

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
04-770	PROPERTY TAXES - PARKS FUND	\$67,000
	Total	\$67,000



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

Deficiency Capital Projects

CIP #	Phase	Year	Title	Projected Total
1325		0	WAVERY PARK LIGHTING	\$80,000
1385		0	WAVERY PARK PLAYGROUND	\$75,000
1392		0	HAZELWOOD PARK IMPROVEMENTS	\$54,000
1393		0	HAZELWOOD PARK LAND ACQUISITION	\$54,000
1403		0	LEHIGH PARK SAND VOLLEYBALL COURT	\$27,000
1404		0	LEHIGH PARK BASKETBALL HALF COURT	\$32,000
1407		0	GRAND PRAIRIE PARKING LOT EXPANSION	\$214,000
1410		0	TIMBER LINN SOFTBALL PARKING LOT IMPROVEMENTS	\$268,000
1412		0	TIMBER LINN PARK PARKING	\$241,000
1413		0	TIMBER LINN PARK IRRIGATION PHASE II	\$241,000
1414		0	WAVERY PARK PICNIC SHELFER	\$70,000
1415		0	TELOH CALAPOOLA PICNIC SHELFER	\$70,000
1417		0	LAKENA PARK SAND VOLLEYBALL COURT	\$27,000
1418		0	LAKENA LANDING PARK PICNIC SHELFER	\$70,000
1419		0	HAZELWOOD PARK PARKING	\$107,000
1421		0	TIMBER LINN PARK SAND VOLLEYBALL COURTS	\$54,000
1423		0	TELOH CALAPOOLA PARK EXPANSION	\$214,000
1424		0	DEERFIELD PARK ACQUISITION	\$107,000
1426		0	SUNRISE PARK PARKING LOT	\$107,000
1427		0	LEHIGH PARK IRRIGATION/DRAINAGE	\$54,000
1431		0	LEHIGH PARK IMPROVEMENTS	\$54,000
1432		0	PINEWAY PARK IMPROVEMENTS	\$54,000
1672		0	PARK DEFICIENCY PROJECTS - UNSPECIFIED	\$18,889,000
Total for Unfunded Deficiency Capital Projects:				\$21,163,000

Growth Capital Projects

CIP #	Phase	Year	Title	Projected Total
1322		0	SIMPSON PARK BOAT RAMP	\$80,000
1399		0	COMMUNITY CENTER	\$9,108,000
1402		0	SIMPSON PARK IMPROVEMENTS	\$375,000
1422		0	EDGEWOOD PARK DEVELOPMENT	\$429,000
1673		0	WILLAMETTE RIVERFRONT PATH, BRYAN FLO BOWERS	\$800,000
1674		0	PARKS GROWTH CAPACITY PROJECTS - UNSPECIFIED	\$9,273,000
1623		2008	REGIONAL SPORTS COMPLEX	\$3,224,000
Total for Unfunded Growth Capital Projects:				\$23,289,000

Capital Improvement Program 2005-2009

CIP # Phase Year Title Projected Total

Miscellaneous - Parks

CIP #	Phase	Year	Title	Projected Total
1730		2005	JIMBER LINN PARK MASTER PLAN	\$70,000
1320		2008	FAKENA PARK IRRIGATION	\$87,000

Total for Unfunded Miscellaneous - Parks \$157,000

Park Development

CIP #	Phase	Year	Title	Projected Total
1321	1	2005	CLOVER RIDGE PARK LAND ACQUISITION	\$420,000
1729		2005	NORTH ALBANY PARK PLAYGROUND ADDITION	\$150,000
1324		2006	RIVERVIEW HEIGHTS PARK PLAYGROUND	\$115,000
1618		2006	GIBSON HILL PARK WATER PLAY	\$49,000
1731		2006	53RD AVENUE AREA PARK DEVELOPMENT	\$645,000
1321	2	2007	CLOVER RIDGE PARK DEVELOPMENT	\$669,000
1434		2008	FAKENA PARK WATER PLAY	\$212,000
1396		2009	DRAPER PARK IRRIGATION	\$90,000
1726		2009	RIVERFRONT PATH LIGHTING	\$210,000
1727		2009	MULTI-USE PATH CONNECTIONS IN BOWMAN AND SIMPSON PARKS	\$600,000

Total for Unfunded Park Development: \$3,160,000

Park Renovations

CIP #	Phase	Year	Title	Projected Total
1624		2008	PARK MAINTENANCE FACILITY	\$703,000
1619		2009	WAVYRY LAKI PARK IRRIGATION EXPANSION AND PUMP STATION REPLACEMENT	\$137,000

Total for Unfunded Park Renovations: \$840,000

Replacement Projects

CIP #	Phase	Year	Title	Projected Total
1389		0	DRAPER PARK LIGHTING	\$59,000
1395		0	JIMBER LINN LOT PLAYGROUND	\$54,000
1397		0	SUNRISE PARK IMPROVEMENTS	\$107,000
1401		0	BRYANT PARK FIELD LIGHTING REPLACEMENT	\$321,000
1405		0	MAPLE LAWN PARKING LOT	\$54,000
1406		0	PERIWINKLE CREEK BANK STABILIZATION	\$107,000
1408		0	GRAND PRAIRIE BASKETBALL COURT	\$80,000
1429		0	DRAPER PARK PICNIC SHELTER	\$54,000
1430		0	DRAPER PARK PLAYGROUND	\$64,000
1658		0	JAYCES BUILDING ROOF AND RENOVATIONS	\$100,000
1659		0	CALAPOOYA BRIDGE REPLACEMENT	\$253,000
1660		0	DRAPER PARK PLAYGROUND	\$65,000
1661		0	JILLANOR HACKLIEMAN PARK SHELTER	\$51,000
1662		0	GRAND PRARIE PARK IRRIGATION	\$250,000
1663		0	GRAND PRARIE PARK PLAYGROUND	\$80,000
1664		0	LEHIGH PARK IRRIGATION	\$132,000

CIP #	Phase	Year	Title	Projected Total
1665		0	LEHIGH PARK PLAYGROUND	\$81,000
1666		0	PERIWINKLE PARK IRRIGATION	\$177,000
1667		0	PERIWINKLE PARK PLAYGROUND	\$71,000
1668		0	LAKE NA PARK PICNIC SHELTER	\$71,000
1669		0	LAKE NA PARK RESTROOMS	\$76,000
1670		0	HIMBER LINN PARK BALL FIELD COMPLEX (3 FIELDS) LIGHTING	\$122,000
1671		0	HIMBER LINN PARK BALL FIELD RESTROOMS	\$152,000
Total for Unfunded Replacement Projects:				\$2,581,000

Grand Total for Unfunded Parks: \$51,190,000

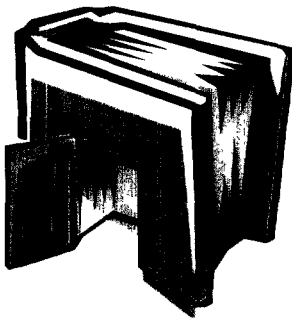


Issues Before the Community

City Council continues efforts in community prioritization.

Albany has spent the last year talking and listening. Beginning with a citizens' roundtable sponsored by the Chamber of Commerce, and including polls, city-wide forums, and uncounted City Council discussions, a process of education and evaluation has moved forward.

Last year, the City Council said it was time to move forward with the expansion of the Main Library, and those plans continue to move forward. That project is included in this section.



The Police Department is overcrowded and the additional officers approved by a vote of the people in 2002 makes the existing problems worse. Initially, expansion of the existing facility was seen as a possible answer. However, as needs grow and with limitations on space at the current location, the potential for a new facility at a location that can accommodate future growth needs to be examined.

At the same time, the woes of Fire Station 11 in downtown Albany grow. Already an aging structure with no room to grow, a new survey by an engineering firm indicates that the current facility will not survive a major earthquake, a time at which our firefighters and equipment will be most desperately needed.

A revision to the preliminary plan is to include in this CIP projects for the proposed replacement of major computer systems by the City. Over the last year, City staff has proposed to the City Council the need to replace the current accounting system and the utility billing system.

The current accounting system is a self-developed old-style DOS-type package that is over 20 years old and does not utilize the type of Windows-based software that everyone is familiar with.

There is no question that the City has benefited greatly from the low cost of continuing to use such an old system, but the limitations of that system make it inadequate for current and future needs of a growing city to effectively manage over \$100 million dollars of taxpayer resources.

The current utility billing system was replaced just a few years ago, but the problems that have existed with that system have hindered effective management of our utilities and do not integrate well with other asset management software the city uses. The City Council has been aware of these problems and had been told of plans to attempt to replace that system in the next budget year.

As part of the ongoing discussions with the Council, authorization was given for staff to move forward with securing a consultant to help assess our overall plans for future computer systems designed to increase efficiency through integrated systems, and to help in the selection of appropriate software to meet the needs of our city. That selection process is now underway.

The overall cost being budgeted for consultants, new software, and implementation costs of all these systems is \$1.65 million dollars. The cost is being funded by borrowing \$500,000 from the existing Data Processing Replacement Fund; \$150,000 from Central Services charges to user departments; \$150,000 from Street Fund Capital Reserves; \$400,000 from the annual Sewer Fund Contingency account; and \$450,000 from the annual Water Fund Contingency account..

The project costs for the Streets, Sewer, and Water fund portions of the project appear in their respective sections of this CIP.

Funded Summary By Funding Source - Projected Cost Totals						
<u>FUNDING SOURCE</u>	2005	2006	2007	2008	2009	<u>TOTAL</u>
CENTRAL SERVICE CHARGES	\$150,000	\$0	\$0	\$0	\$0	\$150,000
PROPERTY TAXES - VOTER APPROVED BOND	\$11,700,000	\$0	\$0	\$0	\$0	\$11,700,000
RESERVE: EQUIPMENT REPLACEMENT	\$500,000	\$0	\$0	\$0	\$0	\$500,000
<u>GRAND TOTALS:</u>	\$12,350,000	\$0	\$0	\$0	\$0	\$12,350,000

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: 2004 - 2005			
1337		NEW LIBRARY FACILITY	\$11,700,000
1737	1	CITYWIDE DATA MANAGEMENT UPGRADE	\$650,000
Total for FY 2004 - 2005			\$12,350,000
Grand Total for Public Facilities:			\$12,350,000

Plan FY: 2004-2005 NEW LIBRARY FACILITY

CIP Project #: 1337

Master Plan:	Library Master Plan	Plan Element:	
Category:	Public Facilities	Classification:	Library Facilities
Department:	Library Department		
O&M Impact:	Increase		
Total Cost:	\$11,700,000		

2004 - Library Bond

Customer uses and needs for the Main Library, located at 1390 Waverly Drive SE, have exceeded its existing capabilities and space. The current size was adequate when it was constructed over 25 years ago and Albany's population was approximately 18,000.

The current population is estimated at 41,000 and the forecasted growth will increase that number to approximately 50,000 in less than 20 years. Given the current customer use rate, the existing population, and the expected growth, additional library facilities are needed.

Funding Sources For This Project:

<u>Activity</u> <u>Funding Source</u>	<u>Projected Amount</u>
PROPERTY TAXES - VOTER APPROVED BOND	\$11,700,000
Total	\$11,700,000

Capital Improvement Program 2005-2009

Plan FY: 2004-2005 CITYWIDE DATA MANAGEMENT UPGRADE

CIP Project #: 1737 Phase: 1

Master Plan: [None] **Plan Element:**
Category: Public Facilities **Classification:**
Department: City Manager/Human Resources
O&M Impact: None
Total Cost: \$650,000

This project represents a proportionate charge to the General , Streets, Water, Sewer and other funds for consultant costs, software costs, and implementation costs relating to the installation of new accounting, human resources, utility billing and asset management computer systems. The current accounting system is over 20 years old and does not meet the current and future needs of managing city finances. The replacement of the utility billing system will address problems that have occurred with the current system. Council has previously approved the solicitation of consultant services to help assure that appropriate systems approaches are implemented and to assist in software selection.

Water and Sewer fund costs for this project are being taken from annual contingency monies budgeted in each fund. Street fund costs are taken from capital reserves. Other funding is coming from the Data Processing Equipment Replacement Account and increased Central Service charges to departments.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
12-065	RESERVE EQUIPMENT REPLACEMENT	\$500,000
16-015	CENTRAL SERVICE CHARGES	\$150,000
	Total	\$650,000

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
1	2005	CITYWIDE DATA MANAGEMENT UPGRADE	Public Facilities	\$650,000
2	2005	CITYWIDE DATA MANAGEMENT UPGRADE	Transportation	\$150,000
3	2005	CITYWIDE DATA MANAGEMENT UPGRADE	Wastewater	\$400,000
4	2005	CITYWIDE DATA MANAGEMENT UPGRADE	Water	\$450,000
Grand Total - All Related Projects				\$1,650,000

Unfunded Projects

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

Fire Facilities

CIP #	Phase	Year	Title	Projected Total
1334		0	DOWNTOWN FIRE STATION	\$4,822,000
Total for Unfunded Fire Facilities:				\$4,822,000

General Facilities

CIP #	Phase	Year	Title	Projected Total
1331		0	CANAL ESPLANADE	\$2,679,000
1332		0	BROADALBIN PROMENADE	\$359,000
1333		0	COMMUNITY GATEWAYS	\$375,000
Total for Unfunded General Facilities:				\$3,413,000

Police Facilities

CIP #	Phase	Year	Title	Projected Total
1335		0	POLICE STATION ADDITION/REPLACEMENT	\$8,036,000
Total for Unfunded Police Facilities:				\$8,036,000

Grand Total for Unfunded Public Facilities: \$16,271,000

REVITALIZATION

Ready... Set... GO, GO, GO!

CARA implements programs for change.

Things are moving. In early January 2004, the CARA Advisory Board made the decision to move forward on a group of projects that hold great promise for revitalizing our city core. A redevelopment bond will be issued for at least \$2,750,000 worth of projects to improve our downtown.

For years people have worried and talked about the need to “turn things around” for Albany’s central core – about the way we need to work together to make a difference both for our community and ourselves.

Now, we are on the move!

What is CARA?

The Central Albany Revitalization Area (CARA) is an “urban renewal district” created by the City Council in 2001. As an urban renewal district, it gathers additional property tax dollars received from new value within the CARA. This means that no new property taxes are imposed to fund the district. The money, called a “Tax Increment,” is transferred to CARA to construct improvements listed in the CARA Plan.



The boundaries of the CARA are, roughly: Geary Street on the east, the Willamette River on the north, the Elm Street/ Albany General Hospital area on the west, and the Pacific Boulevard/9th Avenue couplet area down to Queen Avenue on the south.

A Strong Sense of Place

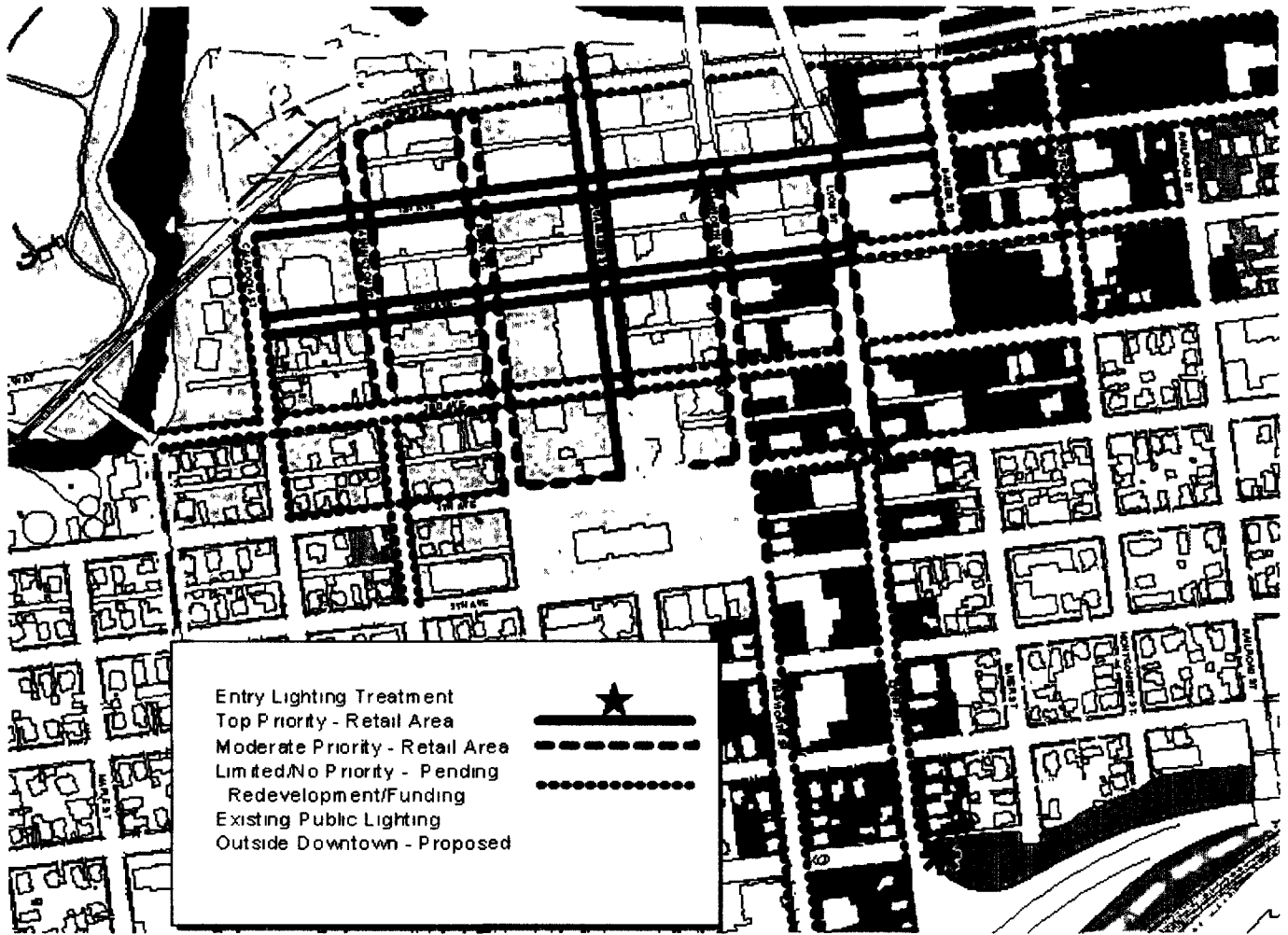
CARA’s goal is to revitalize our core area by implementing Albany’s Town Center Plan using a citizen-driven process.

The City’s Town Center Plan is focused on creating a strong sense of place by:

- Respecting the existing historic fabric of the area,
- Taking advantage of unique water features found in the Central Albany area,
- Improving the pedestrian environment along key connections to and within commercial areas, and
- Providing a mix of housing opportunities within the area.

The Town Center Plan also identifies several public space improvements that are designed to attract private sector rehabilitation, development, and reinvestment to this area.

The following map shows the area encompassed by the projects that are proposed.



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: 2004 - 2005		
1339	DOWNTOWN BUILDING RE-DEVELOPMENT PROGRAM	\$1,000,000
1355	DOWNTOWN STREETSCAPE	\$1,600,000
1732	2004 CARA RE-DEVELOPMENT BOND - ISSUANCE EXPENSES	\$80,000
1735	2004 CARA RE-DEVELOPMENT BOND - MISCELLANEOUS PROJECTS	\$920,000
1734	CAROUSEL LOCATION PROPERTY ACQUISITION	\$300,000
Total for FY 2004 - 2005		\$3,900,000
Grand Total for Revitalization:		\$3,900,000

Plan FY: 2004-2005 DOWNTOWN BUILDING REDEVELOPMENT PROGRAM

CIP Project #: 1339

Master Plan:	Central Albany Revitalization Area	Plan Element:	Ref # 2
Category:	Revitalization	Classification:	Development Partnerships
Department:	Community Development Department		
O&M Impact:	Increase	2004 CARA Redevelopment Bond	
Total Cost:	\$1,000,000		

Provide technical assistance, loans, and grants in the initial focus area (Calapooia River through Baker, Willamette River through 3rd Avenue) for Storefront Revitalization (façade, paint, awnings, signage) for the redevelopment of commercial structures (including re-use of Downtown upper floors and structural issues).

This project encourages private reinvestment in the retail core by implementing the recommendations of CARA's Finance, Architectural and Upper Floor Task Forces

Of the \$1,000,000 of Tax increment financing shown, \$550,000 would be financed through the Redevelopment Bond and \$450,000 would come from existing Tax Increment revenues

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
	TAX INCREMENT - CARA	\$1,000,000
	Total	\$1,000,000

Capital Improvement Program 2005-2009

Plan FY: 2004-2005 DOWNTOWN STREETScape

CIP Project #: 1355

Master Plan: Central Albany Revitalization Area **Plan Element:** Ref. #18
Category: Revitalization **Classification:** Public Spaces & Facilities
Department: Community Development Department
O&M Impact: Increase **2004 CARA Redevelopment Bond**
Total Cost: \$1,600,000

Install pedestrian amenities along 1st Avenue between Baker and Calapooia Streets, along Broadalbin between Water Avenue and 4th Avenue and, as funding is available, along 2nd Avenue between Lyon and Calapooia Streets. May include installation of gateway-level lighting at 1st and Ellsworth, Victorian-style pedestrian-scale lighting with irrigation, walkable grates over tree wells, bicycle lock-ups, new trees and transit area improvements along Broadalbin, benches, garbage receptacles, information kiosks and the creation of several oases for rest and gathering. Retains existing street network and on-street parking. May also include the repair and/or replacement of sidewalks.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
	TAX INCREMENT - CARA	\$1,600,000
	Total	\$1,600,000

Plan FY: 2004-2005 2004 CARA REDEVELOPMENT BOND - ISSUANCE EXPENSES

CIP Project #: 1732

Master Plan: Central Albany Revitalization Area **Plan Element:**
Category: Revitalization **Classification:** Infrastructure
Department: Community Development Department
O&M Impact: None **2004 CARA Redevelopment Bond**
Total Cost: \$80,000

This project reflects costs related to the issuance, insurance, professional services and other costs incidental to the \$2.75 million 2004 CARA Redevelopment Bond.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
	TAX INCREMENT - CARA	\$80,000
	Total	\$80,000

Capital Improvement Program 2005-2009

Plan FY: 2004-2005 2004 CARA REDEVELOPMENT BOND - MISCELLANEOUS
PROJECTS

CIP Project #: 1733

Master Plan: Central Albany Revitalization **Plan Element:**
Area

Category: Revitalization **Classification:** [None]

Department: Community Development Department

O&M Impact: None

Total Cost: \$920,000

2004 CARA Redevelopment Bond

This project is a placeholder for funding from the 2004 CARA Redevelopment Bond that has not yet been assigned to specific projects.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
	TAX INCREMENT - CARA	\$920,000
	Total	\$920,000

Plan FY: 2004-2005 CAROUSEL LOCATION PROPERTY ACQUISITION

CIP Project #: 1734

Master Plan: Central Albany Revitalization Area **Plan Element:**
Category: Revitalization **Classification:** Public Spaces & Facilities
Department: Community Development Department
O&M Impact: None **2004 CARA Redevelopment Bond**
Total Cost: \$300,000

This project will provide for acquiring a site for the Brass Ring Carousel that, depending on location, may serve as an attractor or anchor.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
	TAX INCREMENT - CARA	\$300,000
	Total	\$300,000

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.

Development Partnerships

CIP #	Phase	Year	Title	Projected Total
1338	0		PROPERTY ACQUISITION & ASSEMBLY	\$250,000
1341	0		PROPERTY RE-DEVELOPMENT 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 RE-DEVELOPMENT	\$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

Infrastructure

CIP #	Phase	Year	Title	Projected Total
1366	0		COMMUNICATIONS INFRASTRUCTURE	\$500,000
1367	0		UNDERGROUND OVRHEAD 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		DOWN TOWN 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	\$1,000,000
1376	0		WILLAMETTE RIVERWALK	\$250,000
1377	0		CLATSOPOLA RIVERWALK	\$500,000
1378	0		SANILAM CANAL ESPLANADE	\$2,500,000
1379	0		8TH AVENUE CANAL ESPLANADE	\$500,000
1380	0		THURSTON CANAL ESPLANADE	\$600,000
Total for Unfunded Pedestrian/Bicycle Connectivity:				\$5,350,000

Capital Improvement Program 2005-2009

CIP #	Phase	Year	Title	Projected Total
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Public Spaces & Facilities

CIP #	Phase	Year	Title	Projected Total
1350	0		GATEWAYS TO CENTRAL ALBANY	\$150,000
1351	0		GATEWAYS TO DOWNTOWN	\$150,000
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:	\$7,720,000
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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
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Grand Total for Unfunded Revitalization: \$31,010,000

TRANSPORTATION

Transportation: Out of Gas

Even steps by the legislature offer little help.

For the last few years we have been telling people that our transportation system is in crisis. Nothing has changed.

Projects that could be funded from the 1998 Transportation Bond are pretty much done. When the budget was adopted last year, about \$300,000+ was moved from remaining reserves to prop up day-to-day operations and maintenance activities. Even with that transfer, vacant positions have been held open to save money.

And, to top it all off, the biggest snow and ice storm in years came along and hit us with a one-two punch – right in the wallet.

Acknowledging Our Problems



In 1996, the Mayor’s Task Force on Street Maintenance reviewed the City’s street maintenance needs. The Task Force found that Albany’s streets are not being properly maintained. 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 is not sufficient.

Furthermore, the Task Force found that 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 Task Force recommended that the City Council present a series of street maintenance General Obligation (GO) bonds to the citizens of Albany for approval. In addition, they recommended that 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

The previously planned General Obligation bond for Streets that was anticipated to be placed on the November 2002 ballot was cancelled. The current economic downturn combined with a property tax levy for public safety needs led to the decision that it was not a good time to place a bond vote before the public. The Council has continued to struggle with transportation funding as part of the ongoing public process.

Master Plan Review

Over the last year it has become clear to most observers that our Transportation Master Plan is in need of review and change. Issues regarding funding, development proposals, SDC utilization, and changing patterns of growth all contribute to a need to review our plans.

In order to facilitate this review, a project has been included to reflect funding for a master plan review, to be paid for out of existing reserves.

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 that the project is proposed.

Each year we take the estimated cost of the project 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.

Funded Summary By Funding Source - Projected Cost Totals

<u>FUNDING SOURCE</u>	2005	2006	2007	2008	2009	<u>TOTAL</u>
FEDERAL GRANTS	\$450,000	\$0	\$0	\$0	\$0	\$450,000
RESERVE CAPITAL PROJECTS	\$200,000	\$0	\$0	\$0	\$0	\$200,000
SDC - IMPROVEMENT - TRANSPORTATION	\$800,000	\$0	\$0	\$0	\$0	\$800,000
GRAND TOTALS:	\$1,450,000	\$0	\$0	\$0	\$0	\$1,450,000

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: 2004 - 2005		
1648	FAA GRANT PROJECT - TAXIWAY AND SECURITY IMPROVEMENTS	\$500,000
1725	TRANSPORTATION MASTER PLAN UPDATE	\$400,000
1775	NORTH ALBANY ROAD AND WEST THORNTON TAKE ROAD SIGNAL	\$400,000
1737	2 CITYWIDE DATA MANAGEMENT UPGRADE	\$150,000
Total for FY 2004 - 2005		\$1,450,000
Grand Total for Transportation:		\$1,450,000

Plan FY: 2004-2005 FAA GRANT PROJECT - TAXIWAY AND SECURITY IMPROVEMENTS

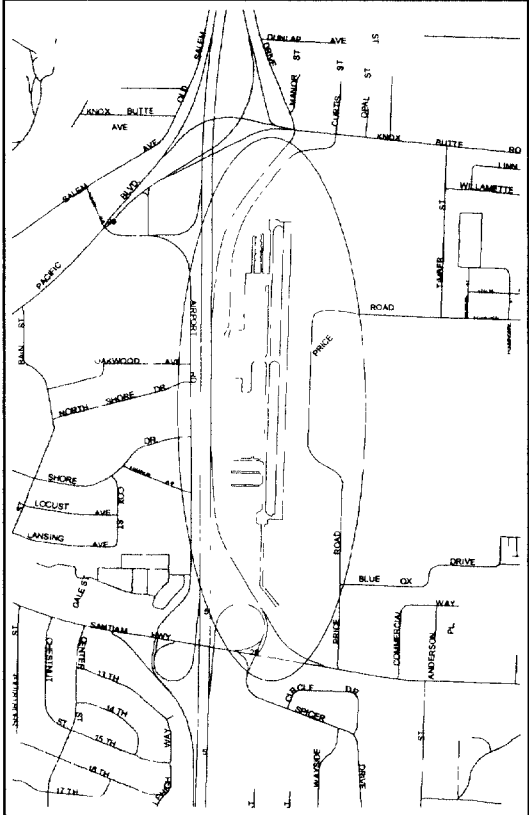
CIP Project #: 1648

Master Plan: Airport Master Plan **Plan Element:**
Category: Transportation **Classification:** Airport
Department: Public Works Department
O&M Impact: None
Total Cost: \$500,000

Planned improvements include upgrading the south taxiway at two locations; replacing fencing, lights, and access controls for improved security.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
29-530	RESERVE CAPITAL PROJECTS	\$50,000
05-017	FEDERAL GRANTS	\$450,000
	Total	\$500,000



Capital Improvement Program 2005-2009

Plan FY: 2004-2005 TRANSPORTATION MASTER PLAN UPDATE

CIP Project #: 1725

Master Plan: Transportation Master Plan

Plan Element:

Category: Transportation

Classification: Miscellaneous - Transportation

Department: Public Works Department

O&M Impact: None

SDC

Total Cost: \$400,000

This project represents a "placeholder" funding allocation for a major update of the Transportation Master Plan. Council has been reviewing funding issues including consideration of: East I-5 improvement needs; a local option motor vehicle fuels tax; a transportation utility; new general obligation bonding; and the current basis and income of Transportation System Development Charges

The actual scope of the review will be developed with Council prior to implementation.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
03-412	SDC - IMPROVEMENT - TRANSPORTATION	\$400,000
	Total	\$400,000

Plan FY: 2004-2005 NORTH ALBANY ROAD AND WEST THORNTON LAKE ROAD SIGNAL

CIP Project #: 1735

Master Plan: Transportation Master Plan **Plan Element:** Project #179
Category: Transportation **Classification:** Miscellaneous - Transportation
Department: Public Works Department
O&M Impact: Increase **SDC**
Total Cost: \$400,000

This project will construct a new traffic signal on North Albany Road at the entrance to North Albany Middle School. The project will include widening of North Albany Road to accommodate left turn lanes. In addition to the construction, this project will include acquiring right-of-way west of North Albany Road for a future realignment of West Thornton Lake Road to enter North Albany Road at the new signal.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
03-412	SDC - IMPROVEMENT - TRANSPORTATION	\$400,000
	Total	\$400,000

Capital Improvement Program 2005-2009

Plan FY: 2004-2005 CITYWIDE DATA MANAGEMENT UPGRADE

CIP Project #: 1737 Phase: 2

Master Plan: [None] **Plan Element:**
Category: Transportation **Classification:** Miscellaneous - Transportation
Department: Public Works Department
O&M Impact: None
Total Cost: \$150,000

This project represents a proportionate charge to the General , Streets, Water, Sewer and other funds for consultant costs, software costs, and implementation costs relating to the installation of new accounting, human resources, utility billing and asset management computer systems. The current accounting system is over 20 years old and does not meet the current and future needs of managing city finances. The replacement of the utility billing system will address problems that have occurred with the current system. Council has previously approved the solicitation of consultant services to help assure that appropriate systems approaches are implemented and to assist in software selection.

Water and Sewer fund costs for this project are being taken from annual contingency monies budgeted in each fund. Street fund costs are taken from capital reserves. Other funding is coming from the Data Processing Equipment Replacement Account and increased Central Service charges to departments.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
03-410	RESERVE CAPITAL PROJECTS	\$150,000
	Total	\$150,000

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
1	2005	CITYWIDE DATA MANAGEMENT UPGRADE	Public Facilities	\$650,000
2	2005	CITYWIDE DATA MANAGEMENT UPGRADE	Transportation	\$150,000
3	2005	CITYWIDE DATA MANAGEMENT UPGRADE	Wastewater	\$400,000
4	2005	CITYWIDE DATA MANAGEMENT UPGRADE	Water	\$450,000
Grand Total - All Related Projects				\$1,650,000

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
1645		0	REPAIR LARGE HISTORIC HANGAR	\$557,000
1697	1	0	REHABILITATE THE FIXED BASE OPERATOR BUILDING	\$161,000
1697	2	0	REHABILITATE THE FIXED BASE OPERATOR BUILDING	\$181,000
1697	3	0	REHABILITATE THE FIXED BASE OPERATOR BUILDING	\$216,000
1698		0	PERIMETER FENCING OF THE SOUTH HANGAR AREA	\$28,000
1699		0	REHABILITATE THE QUAD HANGAR	\$53,000
1700		0	ACQUIRE PROPERTY - RUNWAY 16 RPZ	\$27,000
1701	1	0	SLURRY SEAL SOUTH TAXIWAY	\$2,000
1701	2	0	SLURRY SEAL MAIN APRON (INNER SECTION)	\$18,000
1701	3	0	SLURRY SEAL MAIN APRON (MID SECTION)	\$31,000
1701	4	0	SLURRY SEAL MAIN APRON (OUTER SECTION)	\$12,000
1701	5	0	SLURRY SEAL WEST PARALLEL TAXIWAY	\$30,000
1701	6	0	SLURRY SEAL RUNWAY	\$53,000
1701	7	0	SLURRY SEAL EAST PARALLEL TAXIWAY AND APRON	\$26,000
1702		0	MAIN APRON CONNECTING TAXIWAY	\$10,000
1703		0	DEMOLISH OR RELOCATE SMALL HANGAR NORTH OF QUAD HANGAR	\$9,000
1704		0	SOUTH STUB TAXIWAY	\$29,000
1705		0	AUTOMATED NORTH VEHICLE ACCESS GATE	\$13,000
1706		0	EXTEND WATER SERVICE TO NORTH HANGARS	\$38,000
1707		0	MAIN APRON - SOUTH EXPANSION	\$116,000
1708		0	MAIN APRON - EAST EXPANSION FUEL AREA	\$72,000
1709		0	AUTOMATED WEATHER OBSERVATION (AWOS/ASOS/NIXWOS)	\$59,000
1710		0	APRON FLOOD LIGHTING	\$26,000
1711		0	EAST SIDE TIE-DOWN APRON - PHASE 2	\$76,000
1712		0	RELOCATE SIGNMENTED CIRCLE	\$11,000
1713	1	0	RESURFACING - MAIN APRON	\$182,000
1713	2	0	RESURFACING - RUNWAY	\$161,000
1713	3	0	RESURFACING - WEST PARALLEL TAXIWAY	\$89,000
Total for Unfunded Airport:				\$2,286,000

Bridges

CIP #	Phase	Year	Title	Projected Total
1060		0	1ST AVENUE AT RIVER STREET / I WAYETTE ST	\$530,000
1061		0	3RD AVE./BRYANT WAY AT CALAPOOLA RIVER	\$43,000
1063		0	7TH AVENUE AT ALBANY CANAL	\$28,000
1064		0	9TH AVENUE AT ALBANY CANAL	\$25,000
1065		0	10TH AVENUE AT ALBANY CANAL	\$18,000
1066		0	11TH AVENUE AT ALBANY CANAL	\$15,000

CIP #	Phase	Year	Title	Projected Total
1067		0	COLUMBUS STREET AT ALBANY CANAL	\$21,000
1069		0	SALFMA AVENUE AT PURIWINKLE CREEK	\$20,000
Total for Unfunded Bridges:				\$700,000

Miscellaneous - Transportation

CIP #	Phase	Year	Title	Projected Total
1140		0	US 20 INTERSECTIONS WITH NW NORTH ALBANY RD, NW SPRINGHILL RD, DOWNTOWN INTERSECTIONS ON LYON/ELLISW	\$126,000
1142		0	US 20/ELLSWORTH STREET AND 4TH AVENUE	\$13,000
1143		0	US 20/LYON STREET AND 4TH AVENUE	\$13,000
1145		0	US 20/SANTI AM HIGHWAY AND SPICER DR/I-5 NB RAMPS	\$63,000
1147		0	NW GIBSON HILL ROAD AND NW CROCKER LN	\$215,000
1148		0	KNOX BUTTE ROAD AND CENTURY DR/I-5 NB OFF-RAMP	\$145,000
1149		0	KNOX BUTTE ROAD AND I-5 NB OFF-RAMP - SIGNALS	\$303,000
1150		0	NW NORTH ALBANY ROAD AND NW HICKORY ROAD	\$215,000
1188		0	ALBANY BY-PASS BRIDGE STUDY	\$50,000
Total for Unfunded Miscellaneous - Transportation:				\$1,143,000

New Construction

CIP #	Phase	Year	Title	Projected Total
1118		0	MAJOR AND MINOR COLLECTORS IN EAST ALBANY	\$57,264,000
1119		0	FESCUE ST EXTENSION, SPICER TO FESCUE & SOUTH OF FESCUE TO THREE LAKES ROAD	\$7,956,000
1120		0	HIMBER ST EXTENSION, SOUTH TO SPICER DR	\$3,155,000
1121		0	GOLDFISH FARM ROAD EXTENSION SOUTH TO SPICER DR	\$3,758,000
1122		0	MAJOR COLLECTOR, SPICER DR TO GOLDFISH FARM ROAD	\$3,888,000
1123		0	DUNLAP AVENUE, CENTURY DR TO NEW MAJOR COLLECTOR	\$2,404,000
1124		0	MAJOR COLLECTOR, DUNLAP AVENUE TO KNOX BUTTE ROAD	\$3,888,000
1126		0	PRINCIPAL ARTERIAL IN SOUTH ALBANY, PACIFIC BLVD/SR 99E TO LOCHNER ROAD	\$13,151,000
1127		0	LOCHNER ROAD EXTENSION, SOUTH TO UGB (FOR EVENTUAL CONNECTION TO BELTA DR OUTSIDE UGB)	\$1,579,000
1128		0	MAJOR COLLECTOR IN SOUTH ALBANY, LOCHNER ROAD TO COLUMBUS ST	\$7,072,000
1129		0	LOONFY LN EXTENSION, SOUTH TO ALLEN LN	\$2,185,000
1130		0	BELTA DR, PACIFIC BLVD/SR 99E TO UGB (FOR EVENTUAL CONNECTION TO LOCHNER ROAD EXTENSION, OUTSIDE UGB)	\$4,243,000
1134		0	FLLINGSON ROAD, COLUMBUS TO I-5 FUTURE ALIGNMENT	\$2,526,000
1136		0	MINOR COLLECTOR BETWEEN FESCUE AND THREE LAKES ROAD	\$1,750,000
1137		0	PACIFIC BLVD/SR 99E AND WAVFRLY DR	\$821,000
1676		0	NORTH ALBANY ROAD, CROCKER LANE TO COVELY RUN SUBDIVISION	\$1,267,000
1677		0	NORTH ALBANY ROAD, CROCKER LANE TO SCENIC DRIVE	\$3,954,000
1187		2003	14TH AVENUE CALAPOOIA TO VINE	\$193,000
Total for Unfunded New Construction:				\$121,054,000

Pavement Preservation

CIP #	Phase	Year	Title	Projected Total
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Capital Improvement Program 2005-2009

CIP #	Phase	Year	Title	Projected Total
1002	6	0	HILLS ST, QUEEN TO 24TH AVENUE	\$1,338,000
1002	7	0	HILLS ST, 24TH TO 28TH AVENUE	\$760,000
1002	8	0	HILLS ST, 28TH TO 34TH AVENUE	\$923,000
1049		0	GEARY ST, FRONT AVENUE TO 14TH AVENUE (EXCEPT 7TH TO 9TH PART OF COUPLER)	\$1,557,000
1051		0	JACKSON ST, 7TH AVENUE TO MARION	\$1,610,000
1053		0	US 20, JUNIPER LN TO BLOSSOM LN	\$796,000
1054		0	WAVERLY DR, GRAND PRAIRIE ROAD TO 36TH AVE	\$2,291,000
1055		0	9TH AVENUE, JACKSON TO PACIFIC / 9TH COUPLER	\$285,000
1651		0	COLUMBUS STREET - GRAND PRAIRIE TO 34TH AVENUE	\$152,000
Total for Unfunded Pavement Preservation.				\$9,712,000

Pedestrian & Bikeway

CIP #	Phase	Year	Title	Projected Total
1052		0	MARION ST, 34TH AVENUE TO LOCHINER ROAD	\$329,000
1077		0	3RD AVENUE, VINE STREET TO WASHINGTON STREET	\$3,000
1078		0	9TH AVENUE, US 20/ELLSWORTH ST TO PACIFIC BLVD/SR 99E	\$2,000
1079		0	20TH AVENUE, 21ST AVENUE TO WAVERLY DRIVE	\$6,000
1080		0	21ST AVENUE, GEARY ST TO 20TH AVENUE	\$5,000
1081		0	24TH AVENUE, LIBERTY ST TO PACIFIC BLVD/SR 99E	\$6,000
1083		0	BRYANT WAY, VINE STREET TO ALBANY UGB	\$159,000
1086		0	LIBERTY ST, 24TH AVENUE TO QUEEN AVE	\$7,000
1087		0	LOONEY LANE, SOUTH OF BELMONT AVE	\$2,000
1089		0	US 20/ELLSWORTH ST, 1ST AVENUE TO 9TH AVE	\$9,000
1090		0	US 20/LYON ST, 9TH AVENUE TO 1ST AVE	\$9,000
1091		0	WASHINGTON ST, 9TH AVENUE TO 14TH AVE	\$8,000
1092		0	24TH AVENUE, LIBERTY ST TO PACIFIC BLVD/SR 99E	\$75,000
1094		0	BRYANT WAY, ALBANY UGB TO CALAPOOYA RIVER BRIDGE	\$152,000
1095		0	COLUMBUS ST, DEL RIO AVENUE TO WAVERLY DRIVE	\$47,000
1097		0	CONNECTION BETWEEN LINN AVENUE AND KNOX BUTTE ROAD, EAST OF TIMBER ST	\$18,000
1098		0	CONNECTION BETWEEN LINN-BENTON COMMUNITY COLLEGE AND LOONEY LN	\$122,000
1099		0	CONNECTION BETWEEN NORTH ALBANY SCHOOLS AND NW QUARRY ROAD	\$64,000
1100		0	CONNECTION BETWEEN NORTH ALBANY SCHOOLS AND NW SHADY LANE	\$311,000
1101		0	DEL RIO AVENUE, COLUMBUS ST TO SHORTRIDGE ST	\$30,000
1103		0	GEARY ST, 21ST AVENUE TO GEARY PLACE	\$97,000
1104		0	GEARY ST, GRAND PRAIRIE ROAD TO 34TH AVE	\$136,000
1106		0	LIBERTY ST, QUEEN AVENUE TO 24TH AVE	\$42,000
1107		0	MAIN ST, 2ND AVENUE TO SANITAM AVE	\$45,000
1108		0	NW EDGEWOOD DR, NW SKYLINE DR TO W THORNTON LAKE DR	\$325,000
1109		0	NW GIBSON HILL ROAD AT NW SUNNY LN AND NW PULVER LN	\$6,000
1110		0	NW SCENIC DR AT NW GIBSON HILL ROAD	\$6,000
1111		0	NW SPRINGHILL ROAD, US 20 TO NW HICKORY ROAD	\$27,000
1112		0	PACIFIC BLVD/SR 99E, ALBANY AVE/AIRPORT ROAD TO KNOX BUTTE ROAD	\$34,000
1113		0	US 20, NORTH ALBANY ROAD TO NW SPRINGHILL DR	\$330,000
1115		0	WAVERLY DR, 14TH TO QUEEN	\$28,000

CIP #	Phase	Year	Title	Projected Total
1183	0		9TH AVENUE, BROADWAY STREET TO US 20/ELLSWORTH STREET TRAFFIC EXCEDES 3000 ADI	\$18,000
1184	0		DEL RIO AVENUE, COLUMBUS STREET TO CHINUI COURT TRAFFIC EXCEDES 3000 ADI	\$11,000
1185	0		CONNECTION BETWEEN NW BRIARWOOD PL AND NW SCENIC DR NEIGHBORHOOD	\$177,000
1186	0		CONNECTION BETWEEN NW JONES AVENUE AND RESIDENTIAL AREAS TO THE WEST	\$34,000
Total for Unfunded Pedestrian & Bikeway:				\$2,680,000

Street Reconstruction/Improvements

CIP #	Phase	Year	Title	Projected Total
1009	0		PACIFIC BOULEVARD/SR 99E AND QUEEN AVENUE	\$1,894,000
1011	0		US 20/SANTIAM HIGHWAY AND WAVELY DR	\$2,551,000
1013	0		MAIN STREET IMPROVEMENTS WITH 1ST AVENUE, 2ND AVENUE, SALMA AVENUE, SANTIAM ROAD	\$2,974,000
1014	0		US 20 AND NW SCENIC DR	\$51,000
1015	0		7TH AVENUE, HILL ST TO MAIN ST	\$184,000
1018	0		ALLEN LN, PACIFIC BLVD/SR 99E TO LOONEY LN	\$552,000
1019	0		CENTURY DR, DUNLAP AVENUE TO ALBANY UGB	\$1,503,000
1021	0		COLUMBUS ST, WAVELY DR TO ALBANY UGB	\$3,811,000
1022	0		NW CROCKER LN, NW GIBSON HILL ROAD TO NW VALLEY VIEW DR	\$1,191,000
1023	0		FLLINGSON ROAD, PACIFIC BLVD/SR 99E TO LOCHNER ROAD	\$2,383,000
1024	0		FLLINGSON ROAD, LOCHNER ROAD TO COLUMBUS ST	\$5,693,000
1025	0		NW GIBSON HILL ROAD, NW SCENIC DR TO NW CROCKER LN	\$2,500,000
1026	0		GOLDFISH FARM ROAD, KNOX BUTTE ROAD TO US 20/SANTIAM HIGHWAY	\$6,497,000
1027	0		GRAND PRAIRIE ROAD, WAVELY DR TO ALBANY UGB	\$6,895,000
1028	0		KNOX BUTTE ROAD, CENTURY DRIVE TO TIMBER ST	\$400,000
1029	0		KNOX BUTTE ROAD, TIMBER STREET TO ALBANY UGB	\$10,229,000
1030	0		LOCHNER ROAD, MARION STREET TO FLLINGSON	\$9,467,000
1031	0		MAIN ST, SANTIAM ROAD TO 7TH AVE	\$860,000
1032	0		NW NORTH ALBANY ROAD, NW QUARRY ROAD TO NW GIBSON HILL ROAD	\$550,000
1033	0		NW QUARRY ROAD, NW NORTH ALBANY ROAD TO NW SPRINGHILL ROAD	\$2,050,000
1034	0		NW SCENIC DR, APPROX 2800' SOUTH OF NW GIBSON HILL ROAD TO NORTHERLY ALBANY UGB	\$3,296,000
1035	0		SCRAVEL HILL ROAD, ALBANY UGB TO REALIGNED SEGMENT	\$9,996,000
1036	0		NW SKYLINE DR, NW GIBSON HILL TO NW MIRADA ST	\$572,000
1037	0		SPICER DR, US 20/SANTIAM HIGHWAY TO EAST END OF CIRCLE DR	\$146,000
1038	0		SPICER DR, THREE LAKES ROAD TO ALBANY UGB	\$3,793,000
1039	0		NW SPRINGHILL ROAD, NW HICKORY ROAD TO NW COUNTRY CLUB DR	\$1,255,000
1040	0		NW SPRINGHILL ROAD, NW COUNTRY CLUB DR TO ALBANY UGB	\$307,000
1041	0		THREE LAKES ROAD, SPICER DRIVE TO ALBANY UGB, NOT INCLUDING SEGMENT TO BE REALIGNED (PROJECT 213)	\$8,751,000
1042	0		US 20/SANTIAM HIGHWAY, PRICE TO GOLDFISH FARM ROAD	\$152,000
1043	0		US 20/SANTIAM HIGHWAY, GOLDFISH FARM ROAD TO ALBANY UGB	\$4,017,000
1044	0		NW VALLEY VIEW DR, NW SCENIC DR TO NW CROCKER ROAD	\$1,779,000
1045	0		NW WEST THORNTON LAKE DR, NW NORTH ALBANY ROAD TO NW EDGEWOOD DR	\$2,997,000

Capital Improvement Program 2005-2009

CIP #	Phase	Year	Title	Projected Total
1046	0		KENNETH ROAD, HWY 20 TO ALBANY UGB	\$239,000
1056	0		NW GIBSON HILL ROAD, NW CROCKER LN TO NORTH ALBANY ROAD	\$2,968,000
1057	0		NW PINNACLED DR AND NW SCENIC DR	\$126,000
1071	0		LOCHNER ROAD, AT OAK CREEK	\$1,894,000
1131	0		THREE LAKES ROAD REALIGNMENT	\$2,321,000
1132	0		OAK GROVE REALIGNMENT	\$413,000
1133	0		SCRAVEL HILL REALIGNMENT	\$3,343,000
1138	0		US 20 AND NW SPRINGHILL ROAD	\$32,000
1141	0		US 20/LYON STREET AND 1ST AVENUE	\$25,000
1144	0		PACIFIC BLVD/SR 99E AND AIRPORT ROAD/ALBANY AVENUE	\$1,519,000
1151	0		NW NORTH ALBANY ROAD AND WEST THORNTON LAKE DR	\$1,514,000
1159	0		GEARY ST, 9TH AVENUE TO QUEEN AVE	\$2,855,000
1160	0		US 20, NW SCENIC DR TO NW NORTH ALBANY ROAD	\$11,296,000
1161	0		WAVELY DR, QUEEN AVENUE TO GRAND PRAIRIE ROAD	\$2,130,000
1162	0		KNOX BUTTE INTERCHANGE (AKA NORTH ALBANY INTERCHANGE)	\$4,420,000
1163	0		SANLIAM INTERCHANGE	\$31,570,000
1164	0		INTERSTATE 5 MAINLINE, ALBANY NORTH CITY LIMITS TO SANLIAM INTERCHANGE	\$15,886,000
1443	1	0	OAK STREET, 9TH AVENUE TO QUEEN AVENUE	\$2,572,000
1652	0		SHORT RIDGE - HIGHWAY 20 TO 16TH AVENUE	\$365,000
1653	0		37TH AVENUE - HIGHWAY 99 TO WEST END	\$319,000
Total for Unfunded Street Reconstruction/Improvements:				\$185,103,000

Traffic Signals

CIP #	Phase	Year	Title	Projected Total
1154	0		NW SPRINGHILL DR AND NW HICKORY ROAD	\$215,000
1157	0		US 20/SANLIAM HIGHWAY AND TIMBER STREET	\$278,000
Total for Unfunded Traffic Signals:				\$493,000

Transit & Rail

CIP #	Phase	Year	Title	Projected Total
1073	0		VIS ROUTE 2 - EXPAND SERVICE	\$61,000
1076	0		PARATRANSIT SERVICE - EXPAND SERVICE	\$71,000
1165	0		RESTRUCTURE ROUTE'S SYSTEMWIDE	\$44,000
1166	0		LINN-BENTON LOOP - EXPAND SERVICE	\$496,000
1168	0		INCREASE FREQUENCY SYSTEMWIDE	\$921,000
1169	0		DOWNTOWN TRANSIT STATION	\$63,000
1170	0		PACIFIC BLVD/SR 99E-9TH AVENUE COUPLE 1, WEST OF MADISON ST	\$3,157,000
1171	0		FERRY ST, 53RD AVENUE - NEW BUS ROUTE	\$473,000
1172	0		MILLERSBURG - NEW BUS ROUTE	\$473,000
1173	0		NORTH ALBANY	\$6,000
1175	0		INSTITUTE HOLIDAY/WEEKEND SERVICE SYSTEMWIDE	\$106,000
1181	0		PARATRANSIT SERVICE (2015) - EXPAND SERVICE HOURS	\$177,000
1182	0		PARATRANSIT SERVICE - ADD HOLIDAY/WEEKEND SERVICE	\$51,000
1654	0		NORTH ALBANY PARK AND RIDE	\$276,000

CIP #	Phase	Year	Title	Projected Total
<i>Total for Unfunded Transit & Rail:</i>				<u>\$6,375,000</u>

Grand Total for Unfunded Transportation: \$329,546,000



Expansion Plans Begin In Earnest

Design begins to respond to mandated wastewater changes.

This last summer the City Council authorized a loan from the Department of Environmental Quality to provide up to \$60 million dollars for modernization and expansion of our wastewater treatment facility to meet environmental requirements.

The loan provides the City the ability to draw funds from the loan account as needed, yet the City does not have to begin re-paying the loan until after the project is completed in 2010. Even better, the City was guaranteed an interest rate that, including state processing fees, approximates 3.6 percent. That compares to the revenue bonds the City sold for the water system last fall that cost 4.84 percent.

Old and Getting Older

It's not just us getting older, but the pipes in the ground that make up our sanitary system. Unlike people, the solution for aging pipes is straightforward: Fix them when they leak and replace the entire pipe every so often.

With modern materials pipes can be expected to last about 100 years before replacement is needed. Unfortunately, pipes used in the past often don't last nearly that long, some barely making 50 years. Since the Albany sewer system started in the early 1900s, there are a lot of pipes that are already past due for replacement.

The Wastewater Treatment Plant was constructed in 1952 and made it to 1969 before the next major upgrade and expansion occurred, a period of 27 years. Now, 22 years after that last project, we are faced with the need for another major expansion necessary to address the sanitary sewer overflows (SSO) and growth problems we face.

Fixing the Problems

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

- Improve the WWTP by 2010;
- Dedicate at least \$1 million per year for sewer pipe replacement;
- As debt payments decrease, use that money for more pipe replacement; and
- Reach a 100-year "Perpetual Life" replacement cycle.

Staff is reviewing the master plan financial projections as we move forward in the process and will report to Council when the analysis is completed. Even with the favorable loan the City secured from DEQ, recent major cost increases raise concerns. The most



apparent component of these cost increases are the significant increases in retirement costs that the City was forced to bear as a result of the P.E.R.S. funding crisis. Those major personnel cost increases were never included in the original plan projections. Our current projects and cash analysis has led staff to reduce the amount of main repair projects in years 2005 and 2006 to below the desired \$1,000,000 per year effort.

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 include:

- 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 to reduce sewer system inflow and infiltration; and
- 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 construction costs in the year that 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.

Funded Summary By Funding Source - Projected Cost Totals						
<u>FUNDING SOURCE</u>	2005	2006	2007	2008	2009	<u>TOTAL</u>
FUND CONTINGENCY	\$400,000	\$0	\$0	\$0	\$0	\$400,000
SDC - IMPROVEMENT - SEWER	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
SEWER RATES/OPERATING REVENUES	\$786,000	\$395,000	\$1,444,000	\$1,482,000	\$1,588,000	\$5,695,000
STATE OF OREGON	\$4,500,000	\$55,500,000	\$0	\$0	\$0	\$60,000,000
<u>GRAND TOTALS:</u>	\$5,736,000	\$55,945,000	\$1,494,000	\$1,532,000	\$1,638,000	\$66,345,000

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: 2004 - 2005			
1197	2	TREATMENT PLANT IMPROVEMENTS - FACILITY DESIGN	\$4,500,000
1200		FUTURE PIPES (OVERSIZING)	\$50,000
1223		LATERAL REPLACEMENT & BASEMENT PROTECTION	\$225,000
1628		MAIN ST SE 19TH TO QUEEN	\$135,000
1629		ALBANY GENERAL HOSPITAL - NORTH PARKING LOT & UNDER NURSING HOME	\$74,000
1691		RAIN DRAIN SEPARATION PROJECTS	\$150,000
1715		CALAPOOIA/FERRY - WATER/4TH AVENUE AREA SEWER REHABILITATION	\$202,000
1737	3	CITYWIDE DATA MANAGEMENT UPGRADE	\$400,000
Total for FY 2004 - 2005			\$5,736,000
Plan Year: 2005 - 2006			
1197	3	TREATMENT PLANT IMPROVEMENTS - CONSTRUCTION	\$55,500,000
1201		FUTURE PIPES (OVERSIZING)	\$50,000
1224		LATERAL REPLACEMENT & BASEMENT PROTECTION	\$245,000
1692		RAIN DRAIN SEPARATION PROJECTS	\$150,000
Total for FY 2005 - 2006			\$55,945,000
Plan Year: 2006 - 2007			
1202		FUTURE PIPES (OVERSIZING)	\$50,000
1225		LATERAL REPLACEMENT & BASEMENT PROTECTION	\$245,000
1625		QUEEN & THURSTON VICINITY	\$252,000
1627		19TH & 22ND AVENUE, OAK ST SE, AND HILL ST AREA BACK FLOT LINE SEWER REHABILITATION	\$270,000
1693		RAIN DRAIN SEPARATION PROJECTS	\$150,000
1720		GEARY - WATER AVENUE TO SAGE AVENUE AREA SEWER REHABILITATION	\$527,000
Total for FY 2006 - 2007			\$1,494,000
Plan Year: 2007 - 2008			
1203		FUTURE PIPES (OVERSIZING)	\$50,000
1226		LATERAL REPLACEMENT & BASEMENT PROTECTION	\$245,000
1626		JACKSON ST SE 21ST AVENUE TO 18TH AVENUE	\$619,000
1694		RAIN DRAIN SEPARATION PROJECTS	\$150,000
1716		UMATILLA/VINE - 12TH AVENUE/QUEEN AVENUE AREA SEWER REHABILITATION	\$468,000
Total for FY 2007 - 2008			\$1,532,000
Plan Year: 2008 - 2009			
1204		FUTURE PIPES (OVERSIZING)	\$50,000
1227		LATERAL REPLACEMENT & BASEMENT PROTECTION	\$245,000
1630		OAK CREEK LIFT STATION FORCE MAIN REPLACEMENT	\$620,000
1695		RAIN DRAIN SEPARATION PROJECTS	\$150,000

Capital Improvement Program 2005-2009

1717	LAFAYETTE SCHOOL AND TUDOR/32ND AVENUE SEWER REHABILITATION	\$333,000
1718	27TH AVENUE AND OAK SEWER REHABILITATION	\$240,000
	Total for FY 2008 - 2009	\$1,638,000
	Grand Total for Wastewater:	\$66,345,000

Capital Improvement Program 2005-2009

Plan FY: 2004-2005 **TREATMENT PLANT IMPROVEMENTS - FACILITY DESIGN**

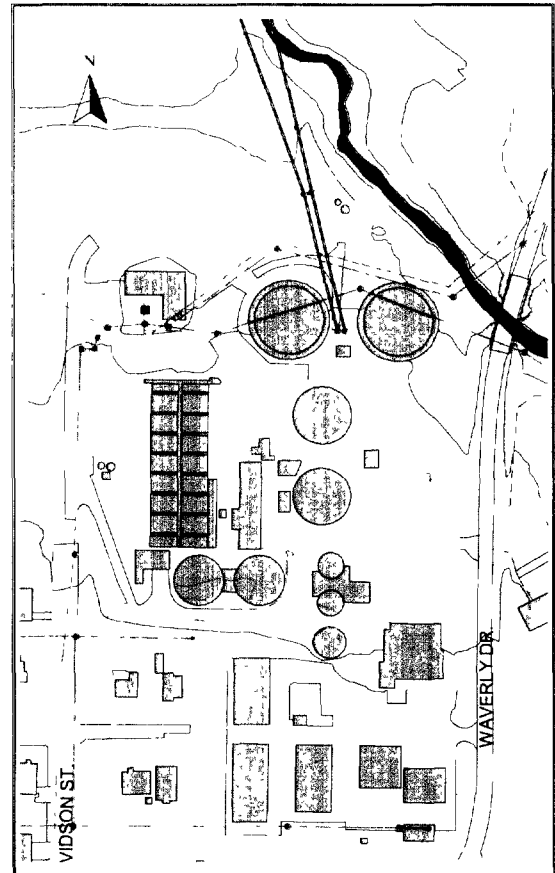
CIP Project #: 1197 Phase: 2

Master Plan: Sanitary Sewer Master Plan **Plan Element:**
Category: Wastewater **Classification:** Treatment
Department: Public Works Department
O&M Impact: None
Total Cost: \$4,500,000

SDC **DEQ State Revolving Fund Loan**

This project will consist of the design phase to construct approximately \$60 million in treatment plant improvements. The improvements will increase capacity of the plant, meet more stringent treatment standards required to satisfy the waste discharge permit, and to treat expected flow increases through the year 2020. These projects will help reduce sewage overflows to the Willamette and Calapooia Rivers. Improvements include expansion and rehabilitation of the following. Influent Pump Station; Disinfection Improvements/Outfall; Screening Facility/Grit Chamber; Solids Handling/Digestion; Primary & Secondary Clarifiers; Building/Water/Control System Improvements; Aeration Basin Improvements

This project will be funded by loan proceeds from the State Revolving Loan Fund as authorized by Council. Fortyfive percent of the loan principle payments will be funded by a transfer from the SDC Improvement Fund.



Funding Sources For This Project:

Activity	Funding Source	Projected Amount
02-454	STATE OF OREGON	\$4,500,000
Total		\$4,500,000

Related Projects:

Phase	Year	Title	Category	Projected Total
2	2005	TREATMENT PLANT IMPROVEMENTS - FACILITY DESIGN	Wastewater	\$4,500,000
3	2006	TREATMENT PLANT IMPROVEMENTS - CONSTRUCTION	Wastewater	\$55,500,000
Grand Total - All Related Projects				\$60,000,000

Plan FY: 2004-2005 FUTURE PIPES (OVERSIZING)

CIP Project #: 1200

Master Plan:	Sanitary Sewer Master Plan	Plan Element:	
Category:	Wastewater	Classification:	Developer Improvements - Wastewater
Department:	Public Works Department		
O&M Impact:	None		
Total Cost:	\$50,000		

SDC

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, the Council may, if funds are available, pay the developer for the construction cost difference between the line as constructed and the minimum size line otherwise required to serve the development.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
02-458	SDC - IMPROVEMENT - SEWER	\$50,000
	Total	\$50,000

Capital Improvement Program 2005-2009

Plan FY: 2004-2005 LATERAL REPLACEMENT & BASEMENT PROTECTION

CIP Project #: 1223

Master Plan: Sanitary Sewer Master Plan **Plan Element:**
Category: Wastewater **Classification:** Miscellaneous - Wastewater
Department: Public Works Department
O&M Impact: None
Total Cost: \$225,000

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.

Annual cost allocations are as follows:

Basement Flooding Protection Loan Program:\$100,000; Basement Flooding Protection Grant Program:\$25,000;
Service Lateral Replacement Program: \$120,000 Total Annual Budgeted Expense \$245,000

The annual budgeted amount may be revised in future years based on program history and use experience.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
02-454	SEWER RATES/OPERATING REVENUES	\$225,000
	Total	\$225,000

Plan FY: 2004-2005 MAIN ST. SE 19TH TO QUEEN

CIP Project #: 1628

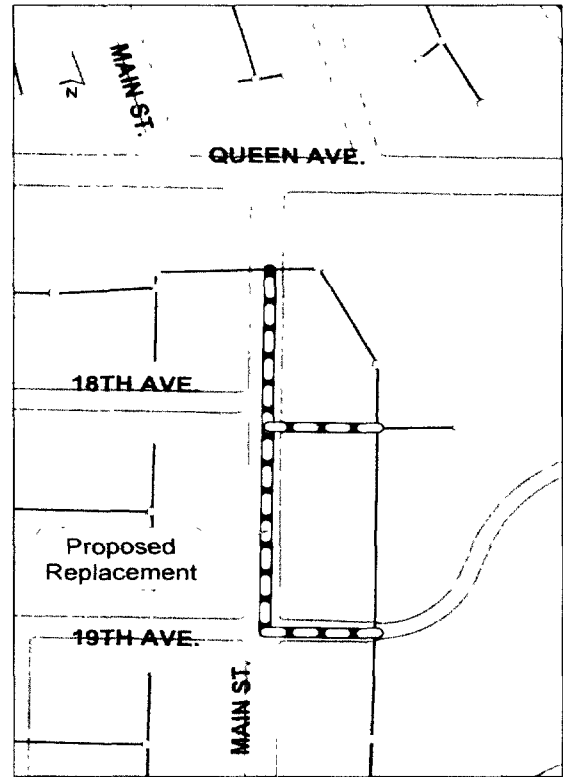
Master Plan: Sanitary Sewer Master Plan
Category: Wastewater
Department: Public Works Department
O&M Impact: None
Total Cost: \$135,000

Plan Element: Perpetual Life Replacement
Classification: Sewer Mains

This project targets back lot line sewer main that is collapsing and 570 feet of 8-inch clay pipe that could be moved to the street. Main line section numbers are 1130830400 - 1130831000 - 1130830215 to 1130830200. Moving the sewer out into the Main Street right-of-way would require the installation of approximately 850 feet of new sewer to replace the existing 570 feet of line.

Funding Sources For This Project:

Activity	Funding Source	Projected Amount
02-454	SEWER RATES/OPERATING REVENUES	\$135,000
Total		\$135,000



Plan FY: 2004-2005 ALBANY GENERAL HOSPITAL - NORTH PARKING LOT & UNDER NURSING HOME

CIP Project #: 1629

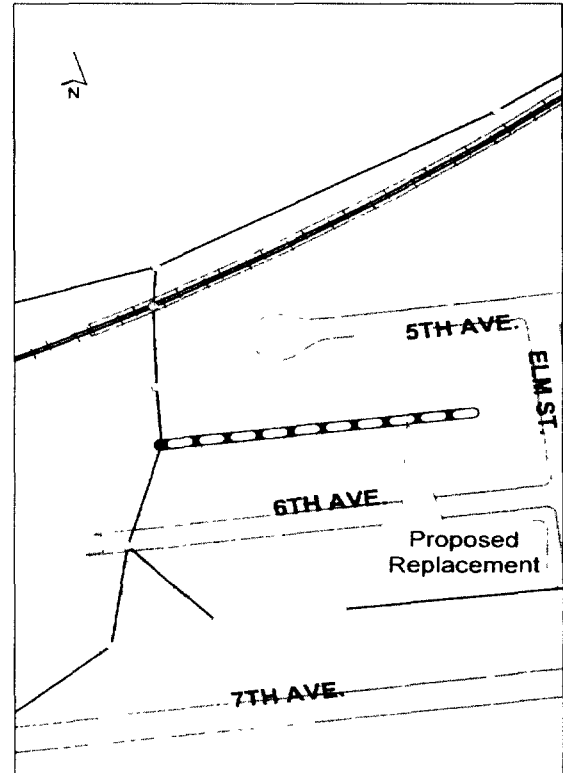
Master Plan: Sanitary Sewer Master Plan
Category: Wastewater
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$74,000

Plan Element: Perpetual Life Replacement
Classification: Sewer Mains

The 8" section of sewer main that runs East and West between manhole #'s 1141210550 & 1141210230DE needs to be replaced. This pipe is 8-inch clay and 6-inch cast iron pipe under the Nursing Home. The clay pipe is collapsing and the cast iron pipe has flow restrictions. Total footage is 340 feet

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
02-454	SEWER RATES/OPERATING REVENUES	\$74,000
	Total	\$74,000



Plan FY: 2004-2005 RAIN DRAIN SEPARATION PROJECTS

CIP Project #: 1691

Master Plan:	[None]	Plan Element:	
Category:	Wastewater	Classification:	Miscellaneous - Wastewater
Department:	Public Works Department		
O&M Impact:	None		
Total Cost:	\$150,000		

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

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
02-454	SEWER RATES/OPERATING REVENUES	\$150,000
	Total	\$150,000

Plan FY: 2004-2005 CALAPOOIA/FERRY - WATER/4TH AVENUE AREA SEWER REHABILITATION

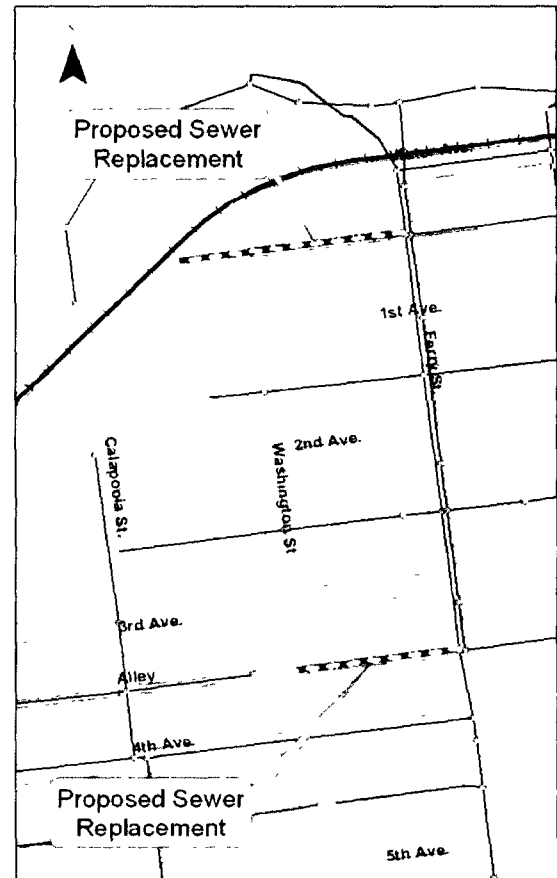
CIP Project #: 1715

Master Plan: Sanitary Sewer Master Plan **Plan Element:** Perpetual Life Replacement
Category: Wastewater **Classification:** Sewer Mains
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$202,000

Rehabilitate or replace approximately 1,300 feet of 8-inch diameter back lot sewer lines. These lines have a combination of structural deficiencies and flow constrictions. Replacement lines will be 8 inches in diameter. It is anticipated that this project will reduce infiltration and inflow in these lines. Following are the lines in this project: the line between Water Avenue and 1st Avenue that runs between the railroad tracks and Ferry St. (this line will also require storm drain separation work with a parallel storm drain line), and, between 3rd Avenue and 4th Avenue that runs between Washington and Ferry

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
02-454	SEWER RATES/OPERATING REVENUES	\$202,000
	Total	\$202,000



Plan FY: 2004-2005 CITYWIDE DATA MANAGEMENT UPGRADE

CIP Project #: 1737 Phase: 3

Master Plan: [None] **Plan Element:**
Category: Wastewater **Classification:** Miscellaneous - Transportation
Department: Public Works Department
O&M Impact: None
Total Cost: \$400,000

This project represents a proportionate charge to the General , Streets, Water, Sewer and other funds for consultant costs, software costs, and implementation costs relating to the installation of new accounting, human resources, utility billing and asset management computer systems. The current accounting system is over 20 years old and does not meet the current and future needs of managing city finances. The replacement of the utility billing system will address problems that have occurred with the current system. Council has previously approved the solicitation of consultant services to help assure that appropriate systems approaches are implemented and to assist in software selection.

Water and Sewer fund costs for this project are being taken from annual contingency monies budgeted in each fund. Street fund costs are taken from capital reserves. Other funding is coming from the Data Processing Equipment Replacement Account and increased Central Service charges to departments

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
02-454	FUND CONTINGENCY	\$400,000
Total		\$400,000

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
1	2005	CITYWIDE DATA MANAGEMENT UPGRADE	Public Facilities	\$650,000
2	2005	CITYWIDE DATA MANAGEMENT UPGRADE	Transportation	\$150,000
3	2005	CITYWIDE DATA MANAGEMENT UPGRADE	Wastewater	\$400,000
4	2005	CITYWIDE DATA MANAGEMENT UPGRADE	Water	\$450,000
Grand Total - All Related Projects				\$1,650,000

Capital Improvement Program 2005-2009**Plan FY: 2005-2006 TREATMENT PLANT IMPROVEMENTS - CONSTRUCTION**

CIP Project #: 1197 Phase: 3

Master Plan: Sanitary Sewer Master Plan

Plan Element:

Category: Wastewater

Classification: Miscellaneous - Wastewater

Department: Public Works Department

O&M Impact: None

SDC

DEQ State Revolving Fund Loan

Total Cost: \$55,500,000

This project will consist of the design phase to construct approximately \$60 million in treatment plant improvements. The improvements will increase capacity of the plant, meet more stringent treatment standards required to satisfy the waste discharge permit, and to treat expected flow increases through the year 2020. These projects will help reduce sewage overflows to the Willamette and Calapooia Rivers. Improvements include expansion and rehabilitation of the following: Influent Pump Station; Disinfection Improvements/Outfall; Screening Facility/Grit Chamber; Solids Handling/Digestion; Primary & Secondary Clarifiers; Building/Water/Control System Improvements, Aeration Basin Improvements.

This project will be funded by loan proceeds from the State Revolving Loan Fund as authorized by Council. 45 percent of the loan principle payments will be funded by a transfer from the SDC Improvement Fund.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
02-454	STATE OF OREGON	\$55,500,000
	Total	\$55,500,000

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
2	2005	TREATMENT PLANT IMPROVEMENTS - FACILITY DESIGN	Wastewater	\$4,500,000
3	2006	TREATMENT PLANT IMPROVEMENTS - CONSTRUCTION	Wastewater	\$55,500,000
Grand Total - All Related Projects				\$60,000,000

Plan FY: 2005-2006 FUTURE PIPES (OVERSIZING)

CIP Project #: 1201

Master Plan: Sanitary Sewer Master Plan **Plan Element:**
Category: Wastewater **Classification:** Developer Improvements - Wastewater
Department: Public Works Department
O&M Impact: None **SDC**
Total Cost: \$50,000

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, the Council may, if funds are available, pay the developer for the construction cost difference between the line as constructed and the minimum size line otherwise required to serve the development.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
02-458	SDC - IMPROVEMENT - SEWER	\$50,000
	Total	\$50,000

Plan FY: 2005-2006 LATERAL REPLACEMENT & BASEMENT PROTECTION

CIP Project #: 1224

Master Plan: Sanitary Sewer Master Plan **Plan Element:**
Category: Wastewater **Classification:** Miscellaneous - Wastewater
Department: Public Works Department
O&M Impact: None
Total Cost: \$245,000

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.

Annual cost allocations are as follows

Basement Flooding Protection Loan Program:\$100,000; Basement Flooding Protection Grant Program:\$25,000; Service Lateral Replacement Program \$120,000 Total Annual Budgeted Expense: \$245,000

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
02-454	SEWER RATES/OPERATING REVENUES	\$245,000
	Total	\$245,000

Plan FY: 2005-2006 RAIN DRAIN SEPARATION PROJECTS

CIP Project #: 1692

Master Plan: [None] **Plan Element:**
Category: Wastewater **Classification:** Miscellaneous - Wastewater
Department: Public Works Department
O&M Impact: None
Total Cost: \$150,000

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

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
02-454	SEWER RATES/OPERATING REVENUES	\$150,000
	Total	\$150,000

Capital Improvement Program 2005-2009

Plan FY: 2006-2007 FUTURE PIPES (OVERSIZING)

CIP Project #: 1202

Master Plan: Sanitary Sewer Master Plan **Plan Element:**
Category: Wastewater **Classification:** Developer Improvements - Wastewater
Department: Public Works Department
O&M Impact: None **SDC**
Total Cost: \$50,000

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, the Council may, if funds are available, pay the developer for the construction cost difference between the line as constructed and the minimum size line otherwise required to serve the development.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
02-458	SDC - IMPROVEMENT - SEWER	\$50,000
	Total	\$50,000

Plan FY: 2006-2007 LATERAL REPLACEMENT & BASEMENT PROTECTION

CIP Project #: 1225

Master Plan: Sanitary Sewer Master Plan **Plan Element:**
Category: Wastewater **Classification:** Miscellaneous - Wastewater
Department: Public Works Department
O&M Impact: None
Total Cost: \$245,000

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.

Annual cost allocations are as follows:

Basement Flooding Protection Loan Program:\$100,000; Basement Flooding Protection Grant Program:\$25,000; Service Lateral Replacement Program \$120,000. Total Annual Budgeted Expense: \$245,000

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
02-454	SEWER RATES/OPERATING REVENUES	\$245,000
	Total	\$245,000

Capital Improvement Program 2005-2009

Plan FY: 2006-2007 QUEEN & THURSTON VICINITY

CIP Project #: 1625

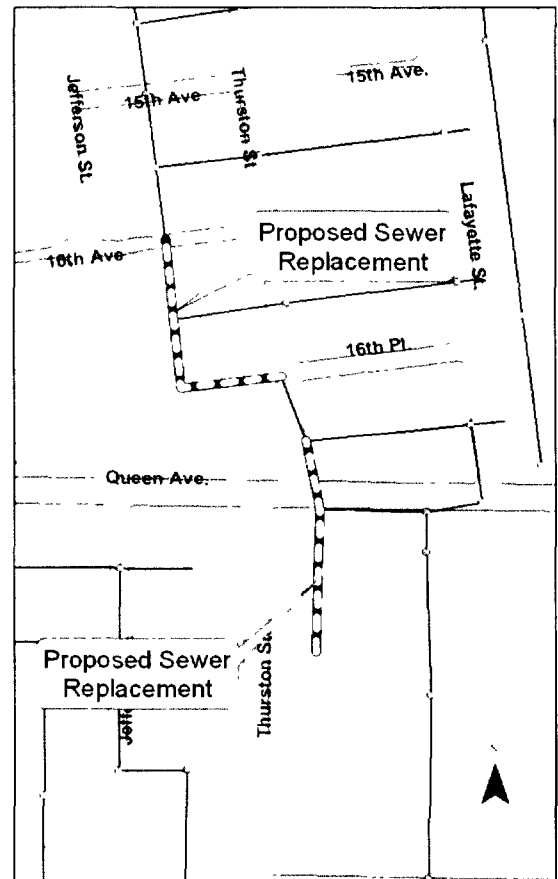
Master Plan: Sanitary Sewer Master Plan
Category: Wastewater
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$252,000

Plan Element: Perpetual Life Replacement
Classification: Sewer Mains

Replace 690 feet of failing clay pipe between manhole numbers 1130740500 to 130740430DE. In addition, rehabilitate approximately 650 feet of 8-inch diameter back lot sewer. These lines have a combination of structural deficiencies and flow constrictions. Replacement lines will be 8 inches in diameter. It is anticipated that this project will reduce infiltration and inflow in this line.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
02-454	SEWER RATES/OPERATING REVENUES	\$252,000
	Total	\$252,000



Plan FY: 2006-2007 19TH & 22ND AVENUE; OAK ST. SE; AND HILL ST. AREA BACK LOT LINE SEWER REHABILITATION

CIP Project #: 1627

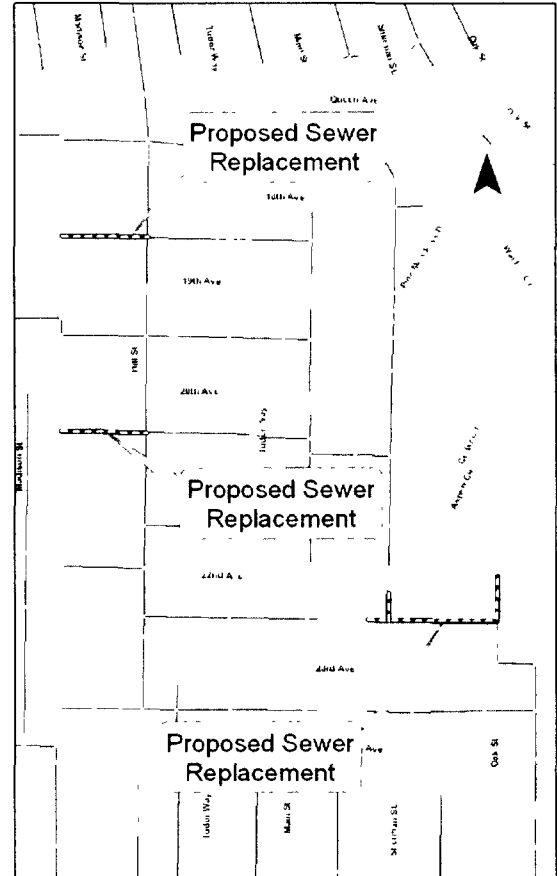
Master Plan: Sanitary Sewer Master Plan
Category: Wastewater
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$270,000

Plan Element: Perpetual Life Replacement
Classification: Sewer Mains

Replace 595 feet of 8-inch clay pipe that has heavy deterioration at 19th and 22nd Avenues. Main line section is between numbers 1130741070 to 1130741060 and 1131810840 to 1131810830. Pine Meadows has a private sewer system that flows into manhole number 1131720660, which is located on 2205 SE Oak Street. This first section of 8-inch clay sewer main has a 6-inch low area in it that requires that this section be cleaned weekly. The 8-inch sewer was laid under the existing storm system that runs East & West. Total length of 8-inch pipe is approx. 175 feet. The low area is about 30 feet. The stormwater system can be reconstructed to allow the sanitary sewer to be replaced on grade. The project will involve reconstructing approximately 200 feet of 18-inch storm drain and approximately 175 feet of 8-inch sanitary sewer. Lastly, rehabilitate approximately 600 feet of 8-inch diameter back lot sewer line at 23rd Avenue and Oak Street. This line has a combination of structural deficiencies and flow constrictions. Replacement lines will be 8 inches in diameter. It is anticipated that this project will reduce infiltration and inflow in this line.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
02-454	SEWER RATES/OPERATING REVENUES	\$270,000
	Total	\$270,000



Capital Improvement Program 2005-2009

Plan FY: 2006-2007 RAIN DRAIN SEPARATION PROJECTS

CIP Project #: 1693

Master Plan: [None] **Plan Element:**
Category: Wastewater **Classification:** Miscellaneous - Wastewater
Department: Public Works Department
O&M Impact: None
Total Cost: \$150,000

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

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
02-454	SEWER RATES/OPERATING REVENUES	\$150,000
	Total	\$150,000

Plan FY: 2006-2007 GEARY – WATER AVENUE TO SALEM AVENUE AREA SEWER REHABILITATION

CIP Project #: 1720

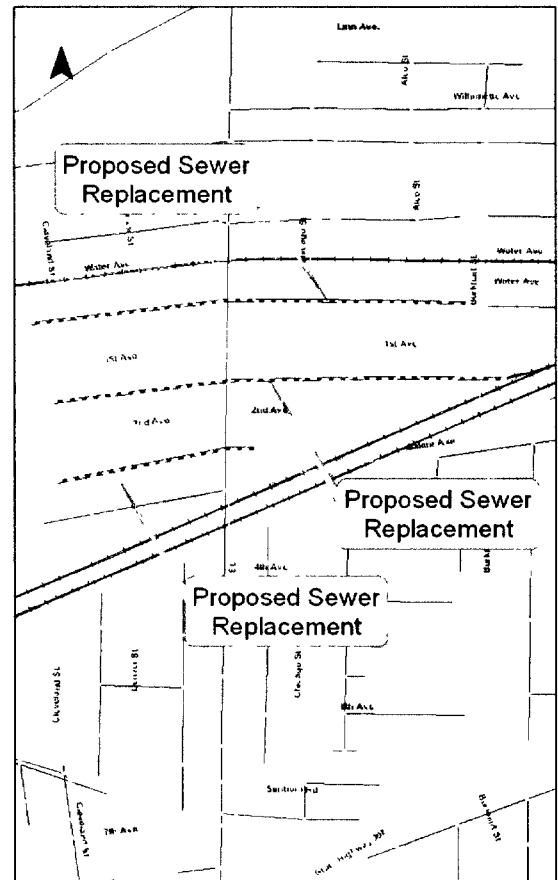
Master Plan: Sanitary Sewer Master Plan
Category: Wastewater
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$527,000

Plan Element: Perpetual Life Replacement
Classification: Sewer Mains

Rehabilitate approximately 3,150 feet of 8-inch diameter back lot sewer. These lines have a combination of structural deficiencies and flow constrictions. Replacement lines will be 8 inches in diameter. It is anticipated that this project will reduce infiltration and inflow in this line. Following are the lines in this project: The lines between Water Ave and 1st Avenue that run between Cleveland and Alco Street; the lines between 1st Avenue and 2nd Avenue that run between Cleveland and Alco Street; and, the lines between 2nd Avenue and Salem Avenue that run between Mason and Geary.

Funding Sources For This Project:

Activity	Funding Source	Projected Amount
02-454	SEWER RATES/OPERATING REVENUES	\$527,000
	Total	\$527,000



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

O&M Impact: None

SDC

Total Cost: \$50,000

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, the Council may, if funds are available, pay the developer for the construction cost difference between the line as constructed and the minimum size line otherwise required to serve the development

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
02-458	SDC - IMPROVEMENT - SEWER	\$50,000
	Total	\$50,000

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
O&M Impact: None
Total Cost: \$245,000

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.

Annual cost allocations are as follows.

Basement Flooding Protection Loan Program:\$100,000; Basement Flooding Protection Grant Program:\$25,000; Service Lateral Replacement Program: \$120,000. Total Annual Budgeted Expense: \$245,000

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
02-454	SEWER RAILS/OPERATING REVENUES	\$245,000
	Total	\$245,000

Capital Improvement Program 2005-2009

Plan FY: 2007-2008 JACKSON ST. SE 21ST AVENUE TO 18TH AVENUE

CIP Project #: 1626

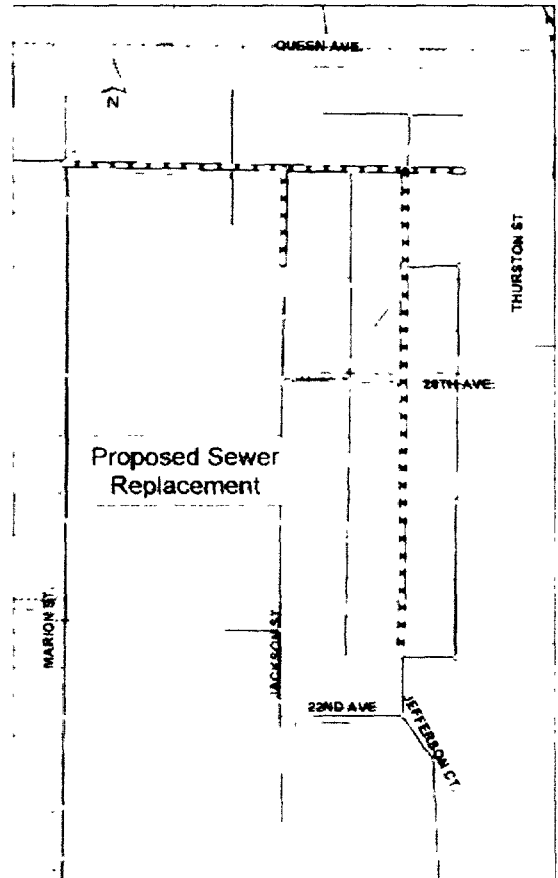
Master Plan: Sanitary Sewer Master Plan **Plan Element:** Perpetual Life Replacement
Category: Wastewater **Classification:** Sewer Mains
Department: Public Works Department
O&M Impact: None
Total Cost: \$619,000

2,640 feet of 8-inch clay pipe that has severe deterioration needs to be replaced from manhole numbers 1131810490 to 1130740420, and from manhole # 130740410 to 1130741150.

The current sewer is along back lot lines. The design will investigate the possibility of placing the replacement sewer out in the Jefferson Street right-of-way and turning sewer laterals out to Jefferson and Jackson Streets.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
02-454	SEWER RATES/OPERATING REVENUES	\$619,000
	Total	\$619,000



Plan FY: 2007-2008 RAIN DRAIN SEPARATION PROJECTS

CIP Project #: 1694

Master Plan: [None] **Plan Element:**
Category: Wastewater **Classification:** Miscellaneous - Wastewater
Department: Public Works Department
O&M Impact: None
Total Cost: \$150,000

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

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
02-454	SEWER RATES/OPERATING REVENUES	\$150,000
	Total	\$150,000

Capital Improvement Program 2005-2009

**Plan FY: 2007-2008 UMATILLA/VINE - 12TH AVENUE/QUEEN AVENUE AREA
SEWER REHABILITATION**

CIP Project #: 1716

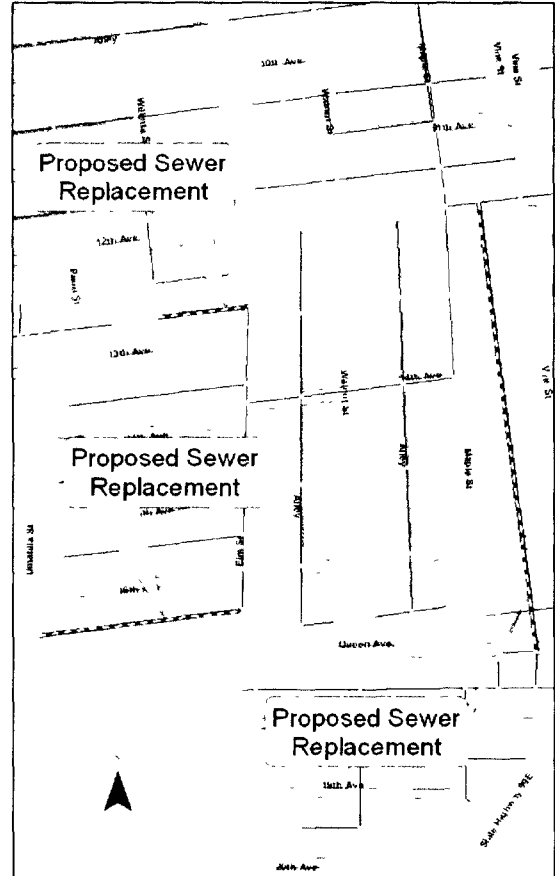
Master Plan: Sanitary Sewer Master Plan
Category: Wastewater
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$468,000

Plan Element: Perpetual Life Replacement
Classification: Sewer Mains

Rehabilitate approximately 2,700 feet of 8-inch diameter back lot sewer lines. These lines have a combination of structural deficiencies and flow constrictions. Replacement lines will be 8 inches in diameter. It is anticipated that this project will reduce infiltration and inflow in these lines. Following are the lines in this project: Maple and Vine that run between Queen and 12th Avenue; 16th Avenue and Queen that run between Umatilla and Elm, and, one of the lines between 12th Avenue and 13th Avenue that run west from Elm to mid-block

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
02-454	SEWER RATES/OPERATING REVENUES	\$468,000
	Total	\$468,000



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		
O&M Impact:	None		
Total Cost:	\$50,000		

SDC

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, the Council may, if funds are available, pay the developer for the construction cost difference between the line as constructed and the minimum size line otherwise required to serve the development.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
02-458	SDC - IMPROVEMENT - SFWIR	\$50,000
	Total	\$50,000

Capital Improvement Program 2005-2009

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
O&M Impact: None
Total Cost: \$245,000

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

Annual cost allocations are as follows:

Basement Flooding Protection Loan Program:\$100,000; Basement Flooding Protection Grant Program:\$25,000; Service Lateral Replacement Program: \$120,000. Total Annual Budgeted Expense: \$245,000

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
02-454	SEWER RATES/OPERATING REVENUES	\$245,000
	Total	\$245,000

Plan FY: 2008-2009 OAK CREEK LIFT STATION FORCE MAIN REPLACEMENT

CIP Project #: 1630

Master Plan: Sanitary Sewer Master Plan **Plan Element:** Perpetual Life Replacement
Category: Wastewater **Classification:** Sewer Mains
Department: Public Works Department
O&M Impact: None
Total Cost: \$620,000

The Oak Creek force main is approximately 5,000 feet long. The Techite pipe that runs east 1,350 feet, then turns north 1,350 feet, then again east on 34th Avenue for 700 feet needs to be replaced. Total footage is 3,370 feet. The section that is 1,350 feet and runs north along Oremet has blown out 5 times in the last 20 years. The wall thickness of this pipe is only 1/4-inch. It's made from a fiberglass and sand mixture and this pipe would be appropriate for a pipe burst replacement. The 12-inch force main valve also needs to be replaced.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
02-454	SEWER RATES/OPERATING REVENUES	\$620,000
	Total	\$620,000

Capital Improvement Program 2005-2009

Plan FY: 2008-2009 RAIN DRAIN SEPARATION PROJECTS

CIP Project #: 1695

Master Plan: [None] **Plan Element:**
Category: Wastewater **Classification:** Miscellaneous - Wastewater
Department: Public Works Department
O&M Impact: None
Total Cost: \$150,000

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

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
02-454	SEWER RATES/OPERATING REVENUES	\$150,000
	Total	\$150,000

Plan FY: 2008-2009 LAFAYETTE SCHOOL AND TUDOR/32ND AVENUE SEWER REHABILITATION

CIP Project #: 1717

Master Plan: Sanitary Sewer Master Plan
Category: Wastewater
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$333,000

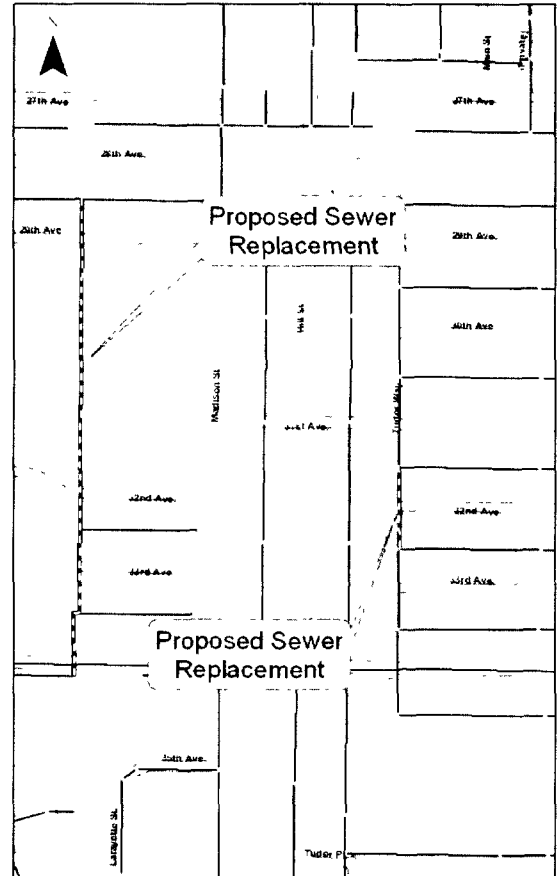
Plan Element: Perpetual Life Replacement
Classification: Sewer Mains

Rehabilitate approximately 1,450 feet of 8-inch diameter back lot sewer line at Lafayette School and approximately 300 feet of 8-inch sewer in Tudor way at 32nd Avenue. These lines have a combination of structural deficiencies and flow constrictions. Replacement lines will be 8 inches in diameter. It is anticipated that this project will reduce infiltration and inflow in these lines.

Relocation of the 8-inch sewer line that currently is located behind Lafayette School into Madison Street will be considered in this project

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
02-454	SEWER RATES/OPERATING REVENUES	\$333,000
	Total	\$333,000



Capital Improvement Program 2005-2009

Plan FY: 2008-2009 27TH AVENUE AND OAK SEWER REHABILITATION

CIP Project #: 1718

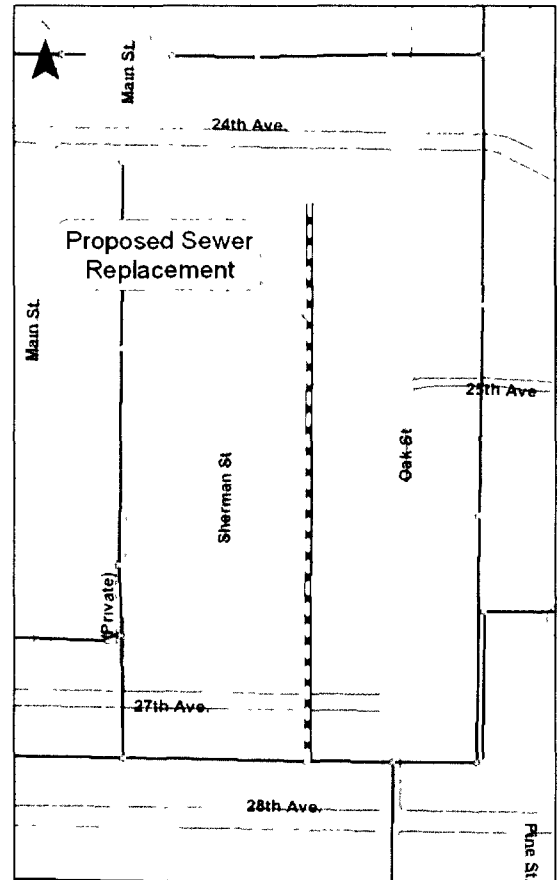
Master Plan: Sanitary Sewer Master Plan
Category: Wastewater
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$240,000

Plan Element: Perpetual Life Replacement
Classification: Sewer Mains

Rehabilitate approximately 1,300 feet of 8-inch diameter back lot sewer line between Oak Street and Sherman Street that runs from 24th Avenue to 27th Avenue. This line has a combination of structural deficiencies and flow constrictions. Replacement lines will be 8 inches in diameter. It is anticipated that this project will reduce infiltration and inflow in this line.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
02-454	SEWER RATES/OPERATING REVENUES	\$240,000
	Total	\$240,000



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
1205		2010	FUTURE PIPES (OVERSIZING)	\$50,000
1206		2011	FUTURE PIPES (OVERSIZING)	\$50,000
1207		2012	FUTURE PIPES (OVERSIZING)	\$50,000
1208		2013	FUTURE PIPES (OVERSIZING)	\$50,000
1209		2014	FUTURE PIPES (OVERSIZING)	\$50,000
1210		2015	FUTURE PIPES (OVERSIZING)	\$50,000
1211		2016	FUTURE PIPES (OVERSIZING)	\$50,000
1212		2017	FUTURE PIPES (OVERSIZING)	\$50,000
1213		2018	FUTURE PIPES (OVERSIZING)	\$50,000
1214		2019	FUTURE PIPES (OVERSIZING)	\$50,000
1215		2020	FUTURE PIPES (OVERSIZING)	\$50,000
1216		2021	FUTURE PIPES (OVERSIZING)	\$50,000
1217		2022	FUTURE PIPES (OVERSIZING)	\$50,000
1218		2023	FUTURE PIPES (OVERSIZING)	\$50,000
1219		2024	FUTURE PIPES (OVERSIZING)	\$50,000
1220		2025	FUTURE PIPES (OVERSIZING)	\$50,000
Total for Unfunded Developer Improvements - Wastewater:				\$800,000

Interceptors/Collectors

CIP #	Phase	Year	Title	Projected Total
1193	2	0	CALAPOOLA INTERCEPTOR TAKEN A - 12TH	\$1,468,000
1249		0	COX CREEK INTERCEPTOR - UPSIZE LINE FROM WWTP, UPSTREAM TO HEATHERDALE MOBILE VILLAGE	\$2,904,000
1250		0	RIVERFRONT INTERCEPTOR - UPSIZE LINE FROM BOWMAN PARK, UPSTREAM AS NEEDED	\$6,819,000
1251		0	KNOX BUTTE ROAD COLLECTOR - UPSIZE LINE FROM CENTURY DRIVE LIFT STATION, UPSTREAM TO ONYX STREET	\$1,389,000
1252		0	PRICE ROAD COLLECTOR - UPSIZE LINE FROM COX CREEK INTERCEPTOR, UPSTREAM TO SANTIAM HIGHWAY	\$2,399,000
1253		0	47TH AVENUE COLLECTOR - UPSIZE LINE FROM COLUMBUS STREET UPSTREAM TO END OF GRAVITY LINE	\$758,000
1724		0	28TH AVENUE COLLECTOR REPLACEMENT	\$633,000
Total for Unfunded Interceptors/Collectors:				\$16,370,000

Lift Stations

CIP #	Phase	Year	Title	Projected Total
1196		0	34TH AVENUE LIFT STATION REPLACEMENT	\$1,298,000
1254		0	LIFT STATION UPGRADES - CHARLOTTE STREET, OAK CREEK, COLUMBUS STREET	\$1,137,000

CIP #	Phase	Year	Title	Projected Total
1255		0	NEW LIFT STATIONS - THORNTON LAKE, AND SPRINGHILL DRIVE	\$631,000
Total for Unfunded Lift Stations:				\$3,066,000

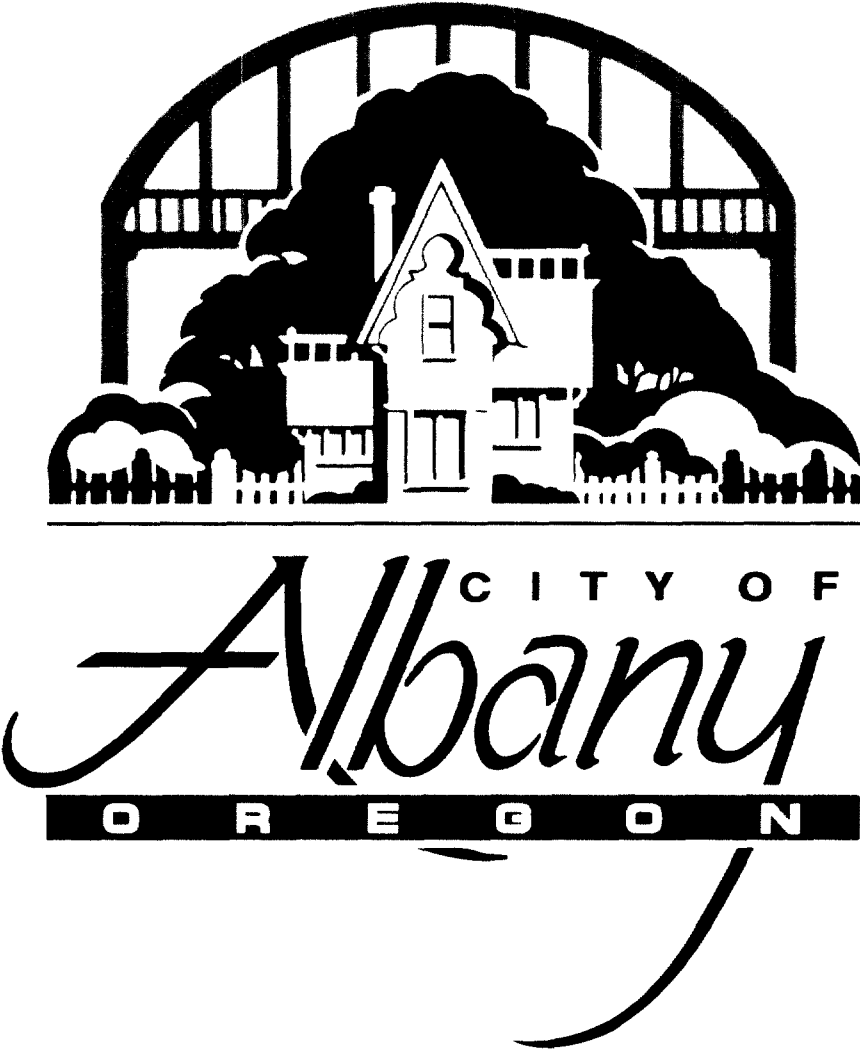
Miscellaneous - Wastewater

CIP #	Phase	Year	Title	Projected Total
1228		2010	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$245,000
1229		2011	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$245,000
1230		2012	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$245,000
1231		2013	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$245,000
1232		2014	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$245,000
1233		2015	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$245,000
1234		2016	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$245,000
1235		2017	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$245,000
1236		2018	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$245,000
1237		2019	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$245,000
1238		2020	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$245,000
1239		2021	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$245,000
1240		2022	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$245,000
1241		2023	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$245,000
1242		2024	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$245,000
1243		2025	LATERAL REPLACEMENT & BASEMENT PROTECTION	\$245,000
Total for Unfunded Miscellaneous - Wastewater:				\$3,920,000

Sewer Mains

CIP #	Phase	Year	Title	Projected Total
1195		0	HILL STREET 9TH TO 14TH AVENUES	\$482,000
1440		0	QUEEN & PACIFIC SEWER REPLACEMENT	\$264,000
1443	3	0	OAK ST, 9TH AVENUE TO QUEEN AVI	\$54,000
1248		2010	1ST AVENUE - COLUMBUS ST TO SALEM AVENUE RAILROAD CROSSING	\$320,000
1719		2010	GEARY STREET AND COUPLER AREA SEWER REHABILITATION	\$548,000
1721		2010	OAK AND PINE STREET AREA SEWER REHABILITATION	\$373,000
1722		2010	COLUMBUS AND PACIFIC BLVD SEWER REHABILITATION	\$93,000
1247		2011	14TH & HOWARD REPLACEMENT	\$1,658,000
Total for Unfunded Sewer Mains:				\$3,792,000

Grand Total for Unfunded Wastewater: \$27,948,000



The Future is Upon Us

Construction is about to begin on the Joint Water Project.

The bids are in. The contract is awarded. Construction will soon start on a new water intake and treatment facility that will ensure both communities access to clean and plentiful water supplies. Designed to meet Albany's needs to the year 2070, this project will provide for ourselves, our children, and grandchildren.

On another front, the Water Task Force is about to wind up its operations and present a report to the City Council. This group has been meeting for over two years and has developed a revised master plan that details the projects needed to move us forward.



At the time this preliminary CIP is being put forward, a dilemma exists. The Task Force has generated a listing of planned facilities needs, especially focusing on the next ten years. However, the funding approach that they have agreed upon does not provide adequate revenues to match the costs and timing of the proposed projects. As a result, some realignment of projects or changes in funding will need to occur to bring the overall plan into balance.

This preliminary CIP reflects the first five years of the 10-year infrastructure plan that was developed by the Water Task Force. At this time we have no better recommendations to present, but we believe that changes to the plan will evolve in the coming months. As a result, and as we have said repeatedly in this document, these proposals should be viewed as preliminary.

Fixing the Problems

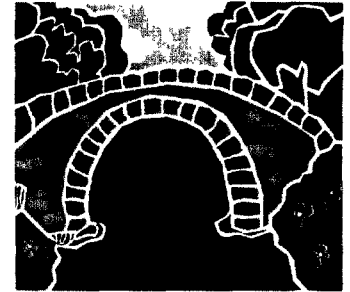
Criteria for selecting water system capital projects include the following:

- 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; and
- Projects related to other issues such as alleviation of health hazards.

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 that the project is proposed.

Each year we take the estimated cost of the project 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.



Funded Summary By Funding Source - Projected Cost Totals

<u>FUNDING SOURCE</u>	2005	2006	2007	2008	2009	<u>TOTAL</u>
FUND CONTINGENCY	\$450,000	\$0	\$0	\$0	\$0	\$450,000
NORTH ALBANY WATER CAPITAL CHARGE	\$136,000	\$0	\$0	\$0	\$0	\$136,000
RESERVE CAPITAL PROJECTS	\$0	\$0	\$0	\$145,000	\$185,000	\$330,000
SDC - IMPROVEMENT - WATER	\$844,000	\$10,000	\$10,000	\$753,000	\$484,000	\$2,101,000
SDC - REIMBURSEMENT - WATER	\$242,000	\$246,000	\$0	\$0	\$0	\$488,000
WATER RATES/OPERATING REVENUES	\$2,781,000	\$4,722,000	\$4,373,000	\$2,466,000	\$1,609,000	\$15,951,000
<u>GRAND TOTALS:</u>	\$4,453,000	\$4,978,000	\$4,383,000	\$3,364,000	\$2,278,000	\$19,456,000

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: 2004 - 2005			
1266		FUTURE PIPE OVERSIZING	\$10,000
1287	3	34TH AVENUE RESERVOIR COATING	\$93,000
1293		TUDOR WAY AND MAIN, 18TH TO 31ST	\$841,000
1612		MAIN, SHERMAN, HARRISON, FIRST AVENUE AREA WATER LINE REPLACEMENT	\$435,000
1617		2200 BLOCK OF OAK STREET AND NORTH OF 27TH AVENUE	\$101,000
1652	2	EAST END TRANSMISSION PROJECTS - PHASE II	\$633,000
1632	3	EAST END TRANSMISSION PROJECTS - PHASE III	\$779,000
1675	2	ALBANY-SANTIAM CANAL IMPROVEMENTS	\$250,000
1680	1	BANK PROTECTION AT BACKWASH LAGOONS	\$78,000
1681	1	SEISMIC PROTECTION PROGRAM	\$192,000
1682		WATER TREATMENT PLANT SECURITY UPGRADE	\$156,000
1696		LIBERTY STREET AND 13TH AVENUE WATER LINE REPLACEMENT	\$192,000
1723		BRADLEY STREET, AT 4TH AVENUE WATER LINE REPLACEMENT	\$107,000
1736		POWERS LANE WATER LINE REPLACEMENT	\$136,000
1737	4	CITYWIDE DATA MANAGEMENT UPGRADE	\$450,000
Total for FY 2004 - 2005			\$4,453,000
Plan Year: 2005 - 2006			
1267		FUTURE PIPE OVERSIZING	\$10,000
1295		13TH AVENUE REPLACEMENT	\$807,000
1297		8TH AVENUE - ILM TO BROADWAY	\$345,000
1577		SHADY LANE NW, SOUTH OF DOGWOOD LANE NW	\$123,000
1614		14TH, HILL, TUDOR, MAIN, 11TH, OLD OAK, OAK, AND SHERMAN AREA	\$453,000
1616		SUNNY LANE NW AND ERIN CREST NW WATER LINE REPLACEMENT	\$135,000
1675	3	ALBANY-SANTIAM CANAL IMPROVEMENTS	\$250,000
1680	2	BANK PROTECTION AT BACKWASH LAGOONS	\$430,000
1681	2	SEISMIC PROTECTION PROGRAM	\$199,000
1683		ZONE 4 SEPARATION - NEW PIPING AND PUMP STATION	\$968,000
1684		HWY99E, 34TH AVENUE TO 36TH TO FLK RUN TO COUGAR	\$1,107,000
1685		CHLORINE SYSTEM SAFETY IMPROVEMENTS	\$151,000
Total for FY 2005 - 2006			\$4,978,000
Plan Year: 2006 - 2007			
1268		FUTURE PIPE OVERSIZING	\$10,000
1287	4	VALLEY VIEW RESERVOIR COATING	\$159,000
1605		9TH AVENUE, 10TH AVENUE, 15TH AVENUE AND PARK TERRACE WATER LINE REPLACEMENT	\$495,000
1607		DENVER AND 1ST AVENUE WATER LINE REPLACEMENT	\$331,000
1610		MAPLE STREET, WALNUT STREET, 11TH AVENUE, AND 12TH AVENUE AREA	\$669,000
1611		4TH AVENUE, 5TH AVENUE, AND CHICAGO AREA	\$273,000

Capital Improvement Program 2005-2009

1675	4	SANITAM ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	\$1,500,000
1681	3	SEISMIC PROTECTION PROGRAM	\$206,000
1686		CROCKETT AVE., GIBSON HILL NORTHWARD	\$740,000
Total for FY 2006 - 2007			\$4,383,000

Plan Year: 2007 - 2008

1002	1	HILL STREET QUEEN TO 24TH AVENUE	\$732,000
1002	2	HILL STREET 24TH TO 28TH AVENUE	\$412,000
1269		FUTURE PIPE OVERSIZING	\$10,000
1287	5	MAPLE STREET RESERVOIR COATING	\$103,000
1298		MADISON STREET AND 12TH AVENUE AREA	\$1,018,000
1675	5	SANITAM ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	\$500,000
1681	4	SEISMIC PROTECTION PROGRAM	\$214,000
1688		REPLACE/REPAIR OVERFLOW PIPING, QUEEN, 34TH AND VALLEY VIEW RESERVOIRS	\$271,000
1689		DECHLORINATION FACILITIES, 34TH, QUEEN, BROADWAY, AND VALLEY VIEW RESERVOIRS	\$104,000
Total for FY 2007 - 2008			\$3,364,000

Plan Year: 2008 - 2009

1002	3	HILL STREET 28TH TO 34TH AVENUE	\$529,000
1002	4	HILL STREET 34TH TO 38TH AVENUE	\$334,000
1270		FUTURE PIPE OVERSIZING	\$10,000
1595		5TH AVENUE AND 6TH AVENUE, FERRY TO LYON	\$407,000
1605		SHORTRIDGE STREET, HIGHWAY 20 TO 14TH AVENUE	\$191,000
1615		MAIR LANE, SKYLINE TERRACE TO PENNY LANE WATERLINE REPLACEMENT	\$307,000
1675	6	SANITAM ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	\$500,000
Total for FY 2008 - 2009			\$2,278,000

Grand Total for Water: \$19,456,000

Capital Improvement Program 2005-2009

Plan FY: 2004-2005 FUTURE PIPE OVERSIZING

CIP Project #: 1266

Master Plan: Water Supply Master Plan

Plan Element:

Category: Water

Classification: Developer Improvements - Water

Department: Public Works Department

O&M Impact: None

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 identified in the Water System Facility Plan and are designed to serve system capacity and operational needs. When the larger-sized lines are constructed, the Council may, if funds are available, pay the developer for the material cost difference between the large-size line and the minimum-size line required.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-498	SDC - IMPROVEMENT - WATER	\$10,000
	Total	\$10,000

Plan FY: 2004-2005 34TH AVENUE RESERVOIR COATING

CIP Project #: 1287 Phase: 3

Master Plan: Water Supply Master Plan
Category: Water
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$93,000

Plan Element:
Classification: Water Supply & Storage

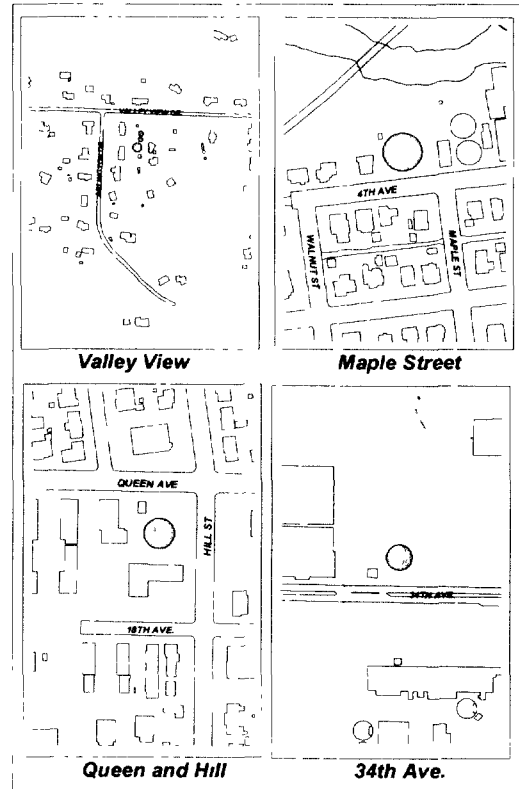
Recoat the interior & exterior of the 34th Avenue reservoir in the water distribution and storage system.

Funding Sources For This Project:

Activity	Funding Source	Projected Amount
11-941	WATER RATES/OPERATING REVENUES	\$93,000
Total		\$93,000

Related Projects:

Phase	Year	Title	Category	Projected Total
3	2005	34TH AVENUE RESERVOIR COATING	Water	\$93,000
4	2007	VALLEY VIEW RESERVOIR COATING	Water	\$159,000
5	2008	MAPLE STREET RESERVOIR COATING	Water	\$103,000
Grand Total - All Related Projects				\$355,000



Capital Improvement Program 2005-2009

Plan FY: 2004-2005 TUDOR WAY AND MAIN, 18TH TO 31ST

CIP Project #: 1293

Master Plan: Water Supply Master Plan
Category: Water
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$841,000

Plan Element: Perpetual Life Replacement
Classification: Water Mains

SDC

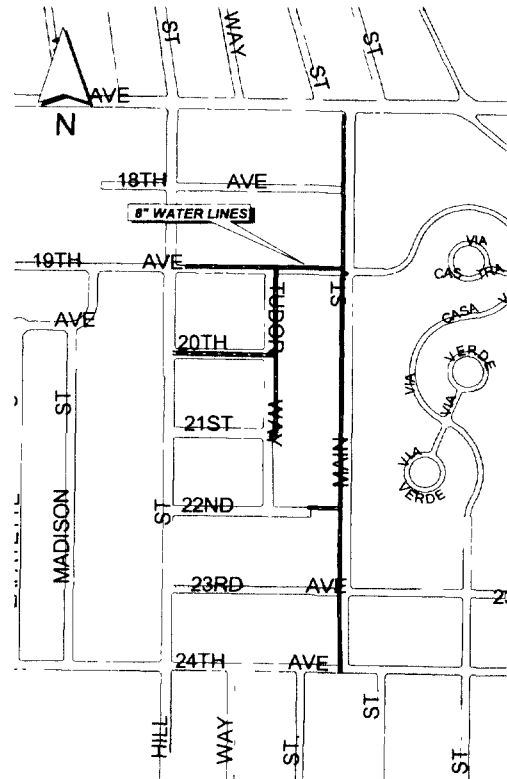
The project combines the previous #1293 and #1294. Install approximately 5,930 linear feet of 8-inch diameter water line on the following streets:

Tudor Way between 19th and 21st Avenues; 20th Avenue between Tudor and Hill Streets; Tudor Way between 28th and 31st Avenue; 31st Avenue between Hill and Tudor Way; 19th Avenue between Main and Hill Streets; Main Street between Queen and 24th Avenues; Tie-in at intersection of Main Street and 22nd Avenue.

Service lines and several hydrants will also be replaced. The existing deteriorated, leaky 4-inch and 6-inch steel lines have been a continuous source of maintenance problems. Fire flows will also be enhanced with the new lines.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-499	SDC - REIMBURSEMENT - WATER	\$242,000
11-941	WATER RATES/OPERATING REVENUES	\$599,000
Total		\$841,000



Plan FY: 2004-2005 MAIN, SHERMAN, HARRISON, FIRST AVENUE AREA WATER LINE REPLACEMENT

CIP Project #: 1612

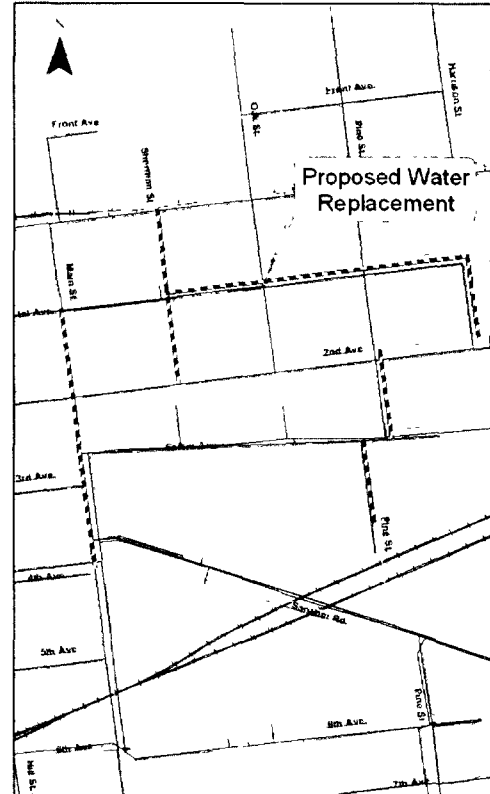
Master Plan: Water Supply Master Plan
Category: Water
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$435,000

Plan Element: Perpetual Life Replacement
Classification: Water Mains

Replace approximately 2,870 feet of deteriorated steel water mains. The new water line on Main and 1st Avenue will be 12-inch diameter lines. All other lines will be 8-inch diameter. Following is a list of the replacements: Main Street – 1st Avenue to 4th Ave; Sherman Street – Water Avenue to 2nd Avenue; 1st Avenue – Sherman to Harrison; Harrison Street - 1st Avenue to 2nd Avenue; Pine Street – 2nd Avenue to 3rd Avenue and Old Salem to the south.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-941	WATER RATES/OPERATING REVENUES	\$435,000
	Total	\$435,000



Capital Improvement Program 2005-2009

Plan FY: 2004-2005 2200 BLOCK OF OAK STREET AND NORTH OF 27TH AVENUE

CIP Project #: 1617

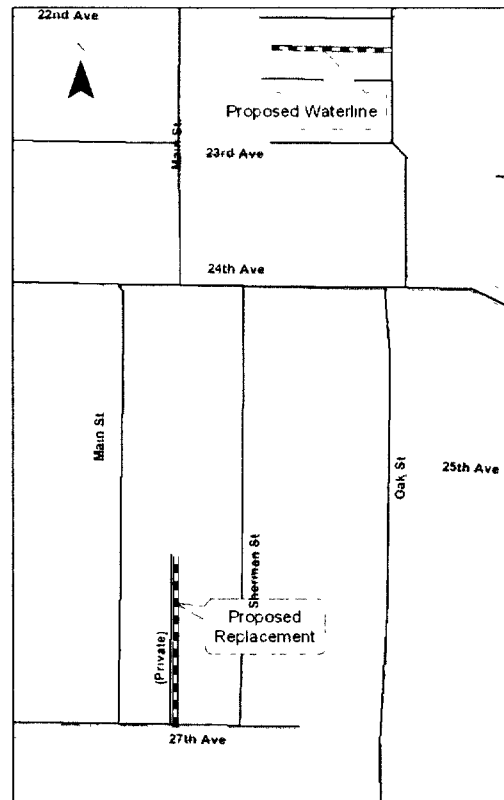
Master Plan: Water Supply Master Plan
Category: Water
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$101,000

Plan Element: Perpetual Life Replacement
Classification: Water Mains

Replace approximately 1,020 feet of 1½ -inch and 2-inch galvanized pipe. The new water line at Oak Street will be 4 inches in diameter. The new water line north of 27th will be 6 inches in diameter. The projects break out as follows. 2204 Oak Street - Two 300-foot back lot water lines will be replaced with one 300-foot water line (this project will require services to be relocated from the back of the buildings to the front of the buildings), North of 27th Avenue – 420 feet of line will be replaced.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-941	WATER RATES/OPERATING REVENUES	\$101,000
	Total	\$101,000



Plan FY: 2004-2005 EAST END TRANSMISSION PROJECTS - PHASE II

CIP Project #: 1632 Phase: 2

Master Plan: Water Supply Master Plan **Plan Element:** Project P2
Category: Water **Classification:** New Construction - Water
Department: Public Works Department
O&M Impact: Increase **SDC**
Total Cost: \$633,000

This project is required to fully utilize the 10-MGD capacity generated by the Scrael Hill Water Treatment Plant. These transmission lines are located East of I-5 and include approximately 3,000 feet of 24, 12, and 8-inch water lines. These water lines will also raise service pressures in the southeast Albany area. Phase I involved preliminary work and Phase III covers a separate set of projects.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-498	SDC - IMPROVEMENT - WATER	\$347,000
11-941	WATER RATES/OPERATING REVENUES	\$286,000
Total		\$633,000

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
2	2005	EAST END TRANSMISSION PROJECTS - PHASE II	Water	\$633,000
3	2005	EAST END TRANSMISSION PROJECTS - PHASE III	Water	\$779,000
Grand Total - All Related Projects				\$1,412,000

Capital Improvement Program 2005-2009

Plan FY: 2004-2005 EAST END TRANSMISSION PROJECTS - PHASE III

CIP Project #: 1632 Phase: 3

Master Plan: Water Supply Master Plan

Plan Element: P1, P2, P3 and P7

Category: Water

Classification: New Construction - Water

Department: Public Works Department

O&M Impact: Increase

SDC

Total Cost: \$779,000

This projects is required to fully utilize the 10-MGD capacity generated by the Scrael Hill Water Treatment Plant. These transmission lines are located East of I-5 and include approximately 3,000 feet of 24-inch water lines. These water lines will also raise service pressures in the southeast Albany area. Phase I was for preliminary work and Phase II services a different project area.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-428	SDC - IMPROVEMENT - WATER	\$487,000
11-941	WATER RATES/OPERATING REVENUES	\$292,000
	Total	\$779,000

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
2	2005	EAST END TRANSMISSION PROJECTS - PHASE II	Water	\$633,000
3	2005	EAST END TRANSMISSION PROJECTS - PHASE III	Water	\$779,000
Grand Total - All Related Projects				\$1,412,000

Plan FY: 2004-2005 ALBANY-SANTIAM CANAL IMPROVEMENTS

CIP Project #: 1675 Phase: 2

Master Plan: [None] **Plan Element:**
Category: Water **Classification:** Water Supply & Storage
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$250,000

This project will provide for bank assessment, bank stabilization, spot dredging, repairs and other necessary improvements to the Albany-Santiam Canal

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-489	WATER RATES/OPERATING REVENUES	\$250,000
Total		\$250,000

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
2	2005	ALBANY-SANTIAM CANAL IMPROVEMENTS	Water	\$250,000
3	2006	ALBANY-SANTIAM CANAL IMPROVEMENTS	Water	\$250,000
4	2007	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$1,500,000
5	2008	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$500,000
6	2009	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$500,000
7	2010	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$500,000
8	2011	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$500,000
9	2012	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$500,000
10	2013	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$500,000
11	2014	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$1,290,000

Capital Improvement Program 2005-2009

Plan FY: 2004-2005 BANK PROTECTION AT BACKWASH LAGOONS

CIP Project #: 1680 Phase: 1

Master Plan: [None]
Category: Water
Department: Public Works Department
O&M Impact: None
Total Cost: \$78,000

Plan Element:
Classification: Water Supply & Storage

Preliminary costs for bank protection.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-941	WATER RATES/OPERATING REVENUES	\$78,000
	Total	\$78,000

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
1	2005	BANK PROTECTION AT BACKWASH LAGOONS	Water	\$78,000
2	2006	BANK PROTECTION AT BACKWASH LAGOONS	Water	\$430,000
Grand Total - All Related Projects				\$508,000



Plan FY: 2004-2005 SEISMIC PROTECTION PROGRAM

CIP Project #: 1681 Phase: 1

Master Plan: Water Supply Master Plan **Plan Element:** S1 and S2
Category: Water **Classification:** Water Supply & Storage
Department: Public Works Department
O&M Impact: None
Total Cost: \$192,000

Install seismic restraints and/or seismically rated valves to upgrade facilities to better withstand earthquakes, as provided for in the master plan.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-941	WATER RATES/OPERATING REVENUES	\$192,000
	Total	\$192,000

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
1	2005	SEISMIC PROTECTION PROGRAM	Water	\$192,000
2	2006	SEISMIC PROTECTION PROGRAM	Water	\$199,000
3	2007	SEISMIC PROTECTION PROGRAM	Water	\$206,000
4	2008	SEISMIC PROTECTION PROGRAM	Water	\$214,000
Grand Total - All Related Projects				\$811,000

Capital Improvement Program 2005-2009

Plan FY: 2004-2005 WATER TREATMENT PLANT SECURITY UPGRADE

CIP Project #: 1682

Master Plan: [None] **Plan Element:**
Category: Water **Classification:** Water Supply & Storage
Department: Public Works Department
O&M Impact: Increase
Total Cost: \$156,000

Increase security measures to better prevent unauthorized access to city facilities.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-941	WATER RATES/OPERATING REVENUES	\$156,000
	Total	\$156,000



Plan FY: 2004-2005 LIBERTY STREET AND 13TH AVENUE WATER LINE REPLACEMENT

CIP Project #: 1696

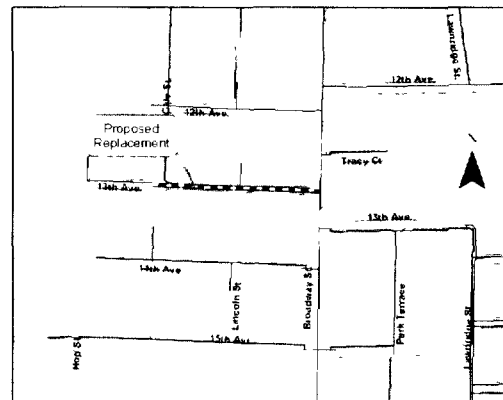
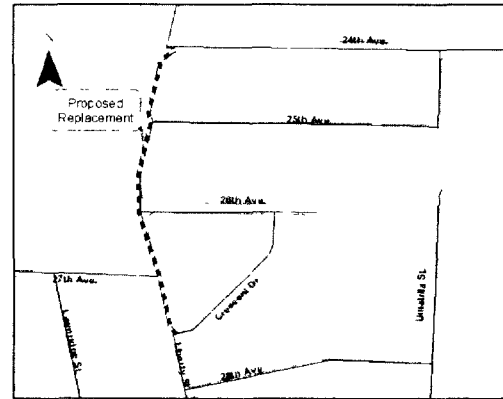
Master Plan: Water Supply Master Plan
Category: Water
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$192,000

Plan Element: Steel Water Line Replacement
Classification: Water Mains

This project will replace approximately 1,370 feet of deteriorated steel water lines. The new water lines will be 8-inch diameter lines. Following is a list of the replacements: Liberty Street – 24th Avenue to Crescent Drive and 13th Avenue – Gale Street to Broadway.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-941	WATER RATES/OPERATING REVENUES	\$192,000
	Total	\$192,000



Capital Improvement Program 2005-2009

Plan FY: 2004-2005 BRADLEY STREET, AT 4TH AVENUE WATER LINE REPLACEMENT

CIP Project #: 1723

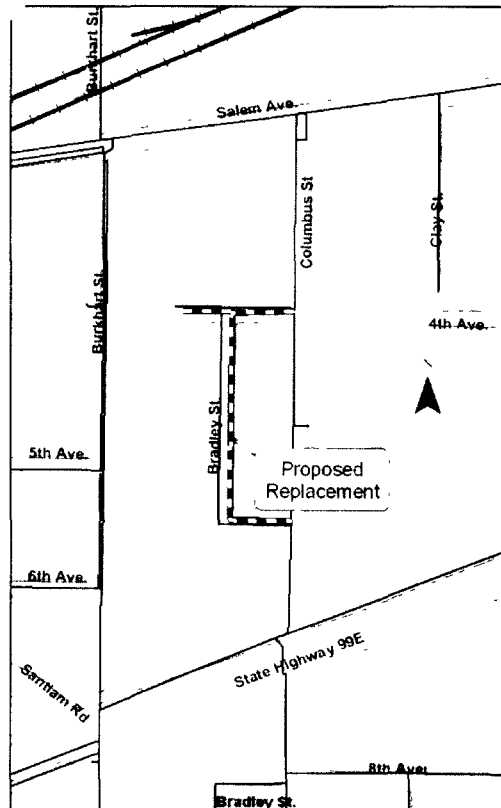
Master Plan: Water Supply Master Plan
Category: Water
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$107,000

Plan Element: Perpetual Life Replacement
Classification: Water Mains

Replace approximately 765 feet of deteriorated and undersized 2-inch water line. The replacement water line will be an 8-inch diameter line.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-941	WATER RATES/OPERATING REVENUES	\$107,000
	Total	\$107,000



Plan FY: 2004-2005 POWERS LANE WATER LINE REPLACEMENT

CIP Project #: 1736

Master Plan:

Category: Water
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$136,000

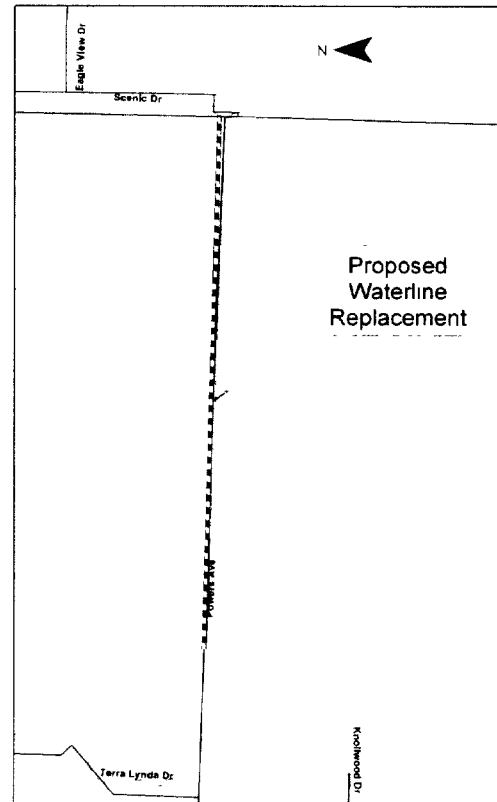
Plan Element:

Classification: Water Mains

This project will replace a section of the water line in Powers Lane between Scenic Drive and Oak Grove. The line has had multiple repairs over the last few years and continues to be in poor condition. Last summer a farm tractor became stuck in an adjacent field due to ground softening resulting from the leaking water.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
		\$0
11-962	NORTH ALBANY WATER CAPITAL CHARGE	\$136,000
	Total	\$136,000



Plan FY: 2005-2006 FUTURE PIPE OVERSIZING

CIP Project #: 1267

Master Plan:	Water Supply Master Plan	Plan Element:	
Category:	Water	Classification:	Developer Improvements - Water
Department:	Public Works Department		
O&M Impact:	None		
Total Cost:	\$10,000	SDC	

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, the Council may, if funds are available, pay the developer for the material cost difference between the large-size line and the minimum-size line required.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-498	SDC - IMPROVEMENT - WATER	\$10,000
	Total	\$10,000

Capital Improvement Program 2005-2009

Plan FY: 2005-2006 13TH AVENUE REPLACEMENT

CIP Project #: 1295

Master Plan: Water Supply Master Plan
Category: Water
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$807,000

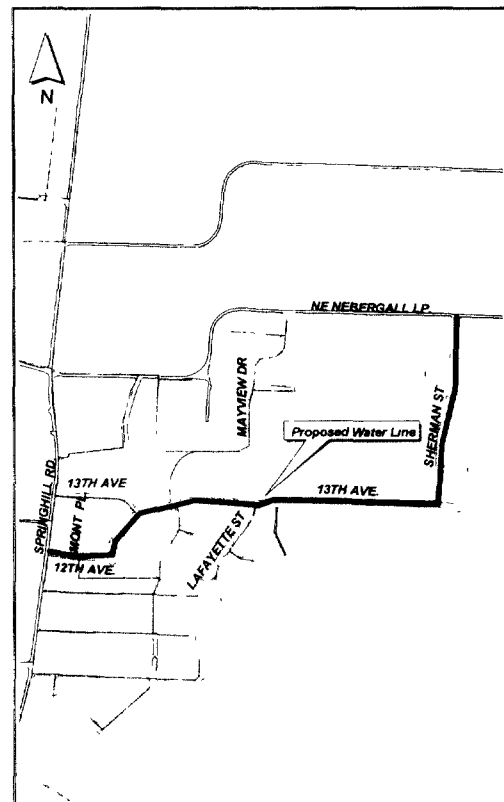
Plan Element: Perpetual Life Replacement
Classification: Water Mains

Replace approximately 4,000 lineal feet of 4-inch steel lines with an 8-inch diameter, ductile iron line in 13th Avenue between Springhill Drive and Sherman Street, and along Sherman Street between 13th Avenue and Nebergall Loop

The existing deteriorated, leaky 4-inch steel line has been a continuous source of maintenance problems. The new line will improve system reliability and fire flows for the area. The long-term plan for this area includes a connecting line in Nebergall Loop from Sherman Street to the intersection with Springhill Road to provide a loop feed.

Funding Sources For This Project:

Activity	Funding Source	Projected Amount
11-941	WATER RATES/OPERATING REVENUES	\$807,000
	Total	\$807,000



Plan FY: 2005-2006 8TH AVENUE: ELM TO BROADWAY

CIP Project #: 1297

Master Plan: Water Supply Master Plan
Category: Water
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$345,000

Plan Element: Perpetual Life Replacement
Classification: Water Mains

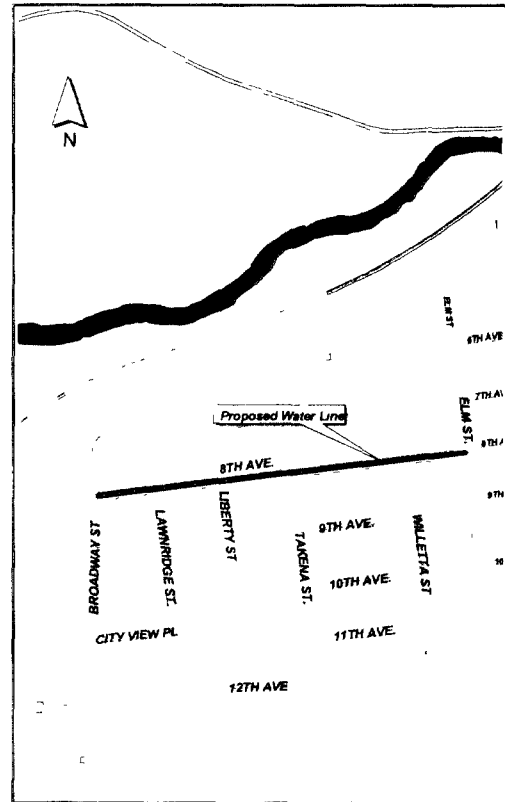
SDC

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 an 12-inch line. Actual size will be determined during design.

Funding Sources For This Project:

Activity	Funding Source	Projected Amount
11-941	WATER RATES/OPERATING REVENUES	\$99,000
11-499	SDC - REIMBURSEMENT - WATER	\$246,000
Total		\$345,000



Capital Improvement Program 2005-2009

Plan FY: 2005-2006 SHADY LANE NW, SOUTH OF DOGWOOD LANE NW

CIP Project #: 1577

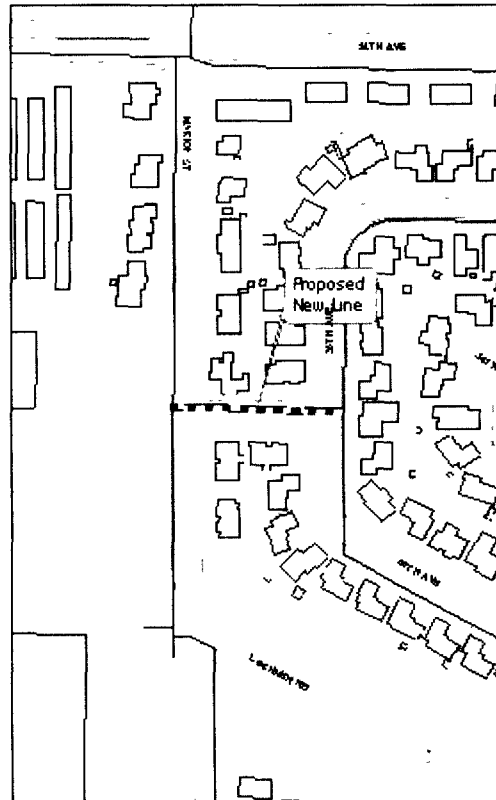
Master Plan: Water Supply Master Plan
Category: Water
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$123,000

Plan Element: Perpetual Life Replacement
Classification: Water Mains

Replace approximately 680 feet of deteriorated 2-inch galvanized iron pipe with 8-inch ductile iron pipe. This project would also tie the north and south dead-end lines on Shady Lane together.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-941	WATER RATES/OPERATING REVENUES	\$123,000
	Total	\$123,000



Plan FY: 2005-2006 14TH, HILL TUDOR, MAIN, 11TH, OLD OAK, OAK, AND SHERMAN AREA

CIP Project #: 1614

Master Plan: Water Supply Master Plan
Category: Water
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$453,000

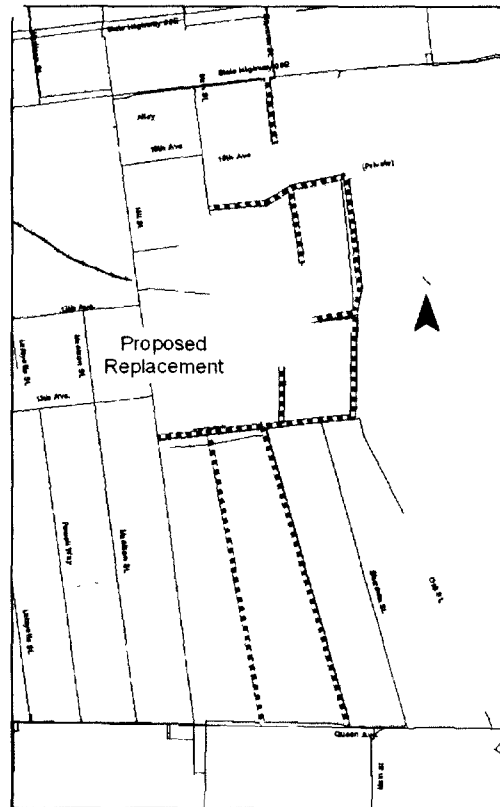
Plan Element: Perpetual Life Replacement
Classification: Water Mains

Replace approximately 3,120 feet of deteriorated and undersized water pipes with 8-inch ductile iron pipe.

14th Avenue, Hill to Oak; Tudor Way, 14th to Queen Avenue, Main Street, for 200 feet north of 14th; 11th Avenue, Main to Oak; Old Oak Place, west of Oak; Oak Street 9th to 14th Avenues; and Sherman for 310 feet south of Sherman.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-941	WATER RATES/OPERATING REVENUES	\$453,000
	Total	\$453,000



Capital Improvement Program 2005-2009

Plan FY: 2005-2006 SUNNY LANE NW AND ERIN CREST NW WATER LINE REPLACEMENT

CIP Project #: 1616

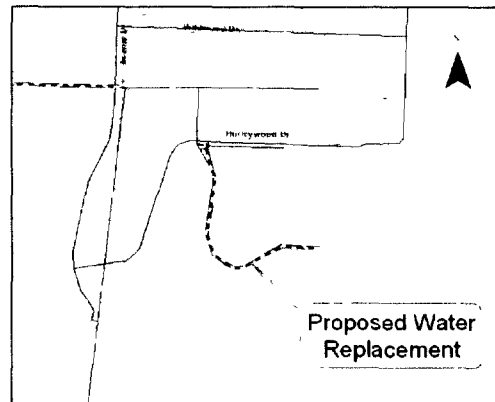
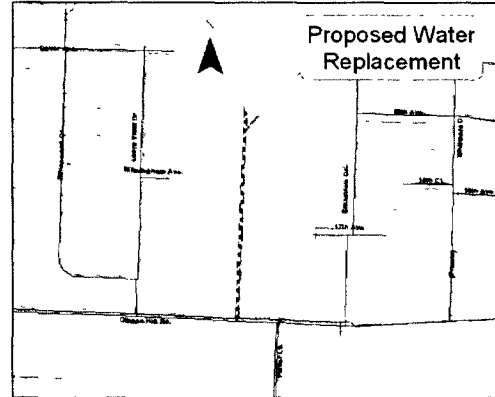
Master Plan: Water Supply Master Plan
Category: Water
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$135,000

Plan Element: Perpetual Life Replacement
Classification: Water Mains

Replace approximately 1,800 feet of deteriorated 2-inch and 4-inch steel water main. The new water line on Sunny Lane will be an 8-inch diameter line. The new water line on Erin Crest will be a 6-inch diameter line.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-941	WATER RATES/OPERATING REVENUES	\$135,000
	Total	\$135,000



Plan FY: 2005-2006 ALBANY-SANTIAM CANAL IMPROVEMENTS

CIP Project #: 1675 Phase: 3

Master Plan: [None] **Plan Element:**
Category: Water **Classification:** Water Supply & Storage
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$250,000

This project will provide for bank assessment, bank stabilization, spot dredging, repairs and other necessary improvements to the Albany-Santiam Canal.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-489	WATER RATES/OPERATING REVENUES	\$250,000
	Total	\$250,000

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
2	2005	ALBANY-SANTIAM CANAL IMPROVEMENTS	Water	\$250,000
3	2006	ALBANY-SANTIAM CANAL IMPROVEMENTS	Water	\$250,000
4	2007	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$1,500,000
5	2008	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$500,000
6	2009	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$500,000
7	2010	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$500,000
8	2011	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$500,000
9	2012	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$500,000
10	2013	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$500,000
11	2014	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$1,290,000

Capital Improvement Program 2005-2009

Plan FY: 2005-2006 BANK PROTECTION AT BACKWASH LAGOONS

CIP Project #: 1680 Phase: 2

Master Plan: [None]
Category: Water
Department: Public Works Department
O&M Impact: None
Total Cost: \$430,000

Plan Element:
Classification: Water Supply & Storage

Project costs for bank protection.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-940	WATER RATES/OPERATING REVENUES	\$430,000
	Total	\$430,000

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
1	2005	BANK PROTECTION AT BACKWASH LAGOONS	Water	\$78,000
2	2006	BANK PROTECTION AT BACKWASH LAGOONS	Water	\$430,000
Grand Total - All Related Projects				\$508,000



Plan FY: 2005-2006 SEISMIC PROTECTION PROGRAM

CIP Project #: 1681 Phase: 2

Master Plan: [None] **Plan Element:**
Category: Water **Classification:** Water Supply & Storage
Department: Public Works Department
O&M Impact: None
Total Cost: \$199,000

Install seismic restraints and/or seismically rated valves to upgrade facilities to better withstand earthquakes, as provided for in the master plan.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-941	WATER RATES/OPERATING REVENUES	\$199,000
Total		\$199,000

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
1	2005	SEISMIC PROTECTION PROGRAM	Water	\$192,000
2	2006	SEISMIC PROTECTION PROGRAM	Water	\$199,000
3	2007	SEISMIC PROTECTION PROGRAM	Water	\$206,000
4	2008	SEISMIC PROTECTION PROGRAM	Water	\$214,000
Grand Total - All Related Projects				\$811,000

Plan FY: 2005-2006 HWY99E; 34TH AVENUE TO 36TH TO ELK RUN TO COUGAR

CIP Project #: 1684

Master Plan: Water Supply Master Plan **Plan Element:** P8
Category: Water **Classification:** Water Mains
Department: Public Works Department
O&M Impact: Increase
Total Cost: \$1,107,000

Installation of a 16-inch transmission line to improve fire flows and service pressure and to provide a redundant supply line to the southwest Albany area.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-941	WATER RATES/OPERATING REVENUES	\$1,107,000
	Total	\$1,107,000

Capital Improvement Program 2005-2009

Plan FY: 2005-2006 CHLORINE SYSTEM SAFETY IMPROVEMENTS

CIP Project #: 1685

Master Plan: [None] **Plan Element:**
Category: Water **Classification:** Water Supply & Storage
Department: Public Works Department
O&M Impact: None
Total Cost: \$151,000

Changes and enhancements to chemical tanks and feed equipment which will allow the use of Sodium Hypochlorite for chlorination and disinfection instead of chlorine gas. This will greatly improve safety to plant personnel and our neighbors

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-941	WATER RATES/OPERATING REVENUES	\$151,000
	Total	\$151,000



Plan FY: 2006-2007 FUTURE PIPE OVERSIZING

CIP Project #: 1268

Master Plan: Water Supply Master Plan **Plan Element:**
Category: Water **Classification:** Developer Improvements - Water
Department: Public Works Department
O&M Impact: None **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, the Council may, if funds are available, pay the developer for the material cost difference between the large-size line and the minimum-size line required.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-498	SDC - IMPROVEMENT - WATER	\$10,000
	Total	\$10,000

Capital Improvement Program 2005-2009

Plan FY: 2006-2007 VALLEY VIEW RESERVOIR COATING

CIP Project #: 1287 Phase: 4

Master Plan: Water Supply Master Plan
Category: Water
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$159,000

Plan Element:
Classification: Water Supply & Storage

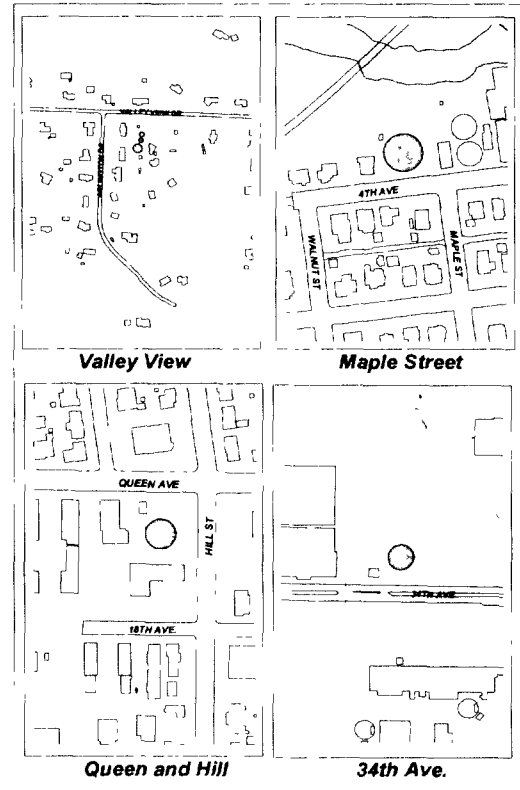
Recoat the interior & exterior of the three Valley View reservoirs in the water distribution and storage system

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-941	WATER RATES/OPERATING REVENUES	\$159,000
Total		\$159,000

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
3	2005	34TH AVENUE RESERVOIR COATING	Water	\$93,000
4	2007	VALLEY VIEW RESERVOIR COATING	Water	\$159,000
5	2008	MAPLE STREET RESERVOIR COATING	Water	\$103,000
Grand Total - All Related Projects				\$355,000



Plan FY: 2006-2007 9TH AVENUE, 10TH AVENUE, 15TH AVENUE AND PARK TERRACE WATER LINE REPLACEMENT

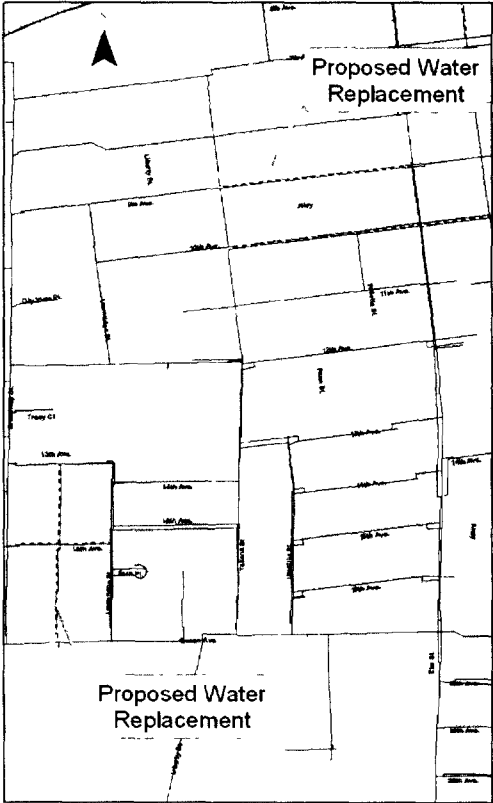
CIP Project #: 1603

Master Plan: Water Supply Master Plan **Plan Element:** Perpetual Life Replacement
Category: Water **Classification:** Water Mains
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$495,000

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 replacement water lines will be 8-inch diameter lines. Following is a list of the replacements: 10th Avenue - Walnut to Tadena; 9th Avenue - Elm to Tadena; 15th - Lawnridge to Broadway; and Park Terrace - 13th Avenue to Queen Avenue.

Funding Sources For This Project:

Activity	Funding Source	Projected Amount
11-941	WATER RATES/OPERATING REVENUES	\$495,000
	Total	\$495,000



Capital Improvement Program 2005-2009

Plan FY: 2006-2007 DENVER AND 1ST AVENUE WATER LINE REPLACEMENT

CIP Project #: 1607

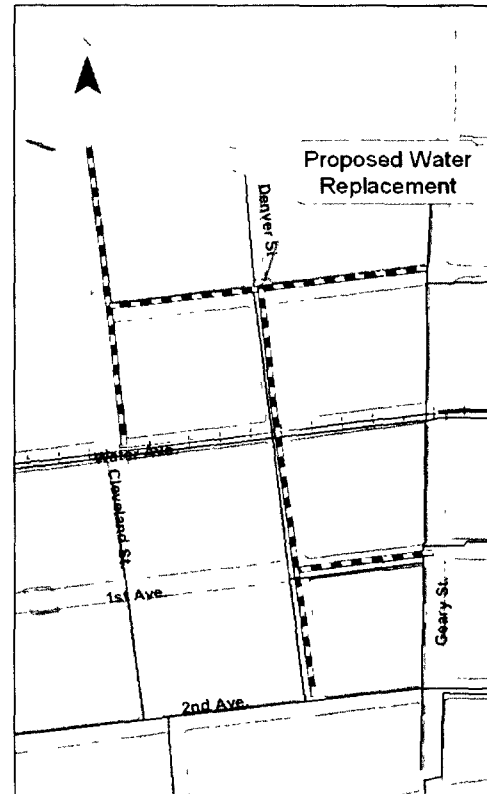
Master Plan: Water Supply Master Plan
Category: Water
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$331,000

Plan Element: Perpetual Life Replacement
Classification: Water Mains

Replace approximately 2,200 feet of deteriorated steel water lines. The new water lines will be 8-inch diameter lines. Following is a list of the replacements: Denver Street – Front Avenue to 2nd Avenue; 1st Avenue – Denver to Geary; Front Avenue – Cleveland to Geary; and Cleveland Street – Water Avenue to Willamette Avenue.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-941	WATER RATES/OPERATING REVENUES	\$331,000
	Total	\$331,000



Plan FY: 2006-2007 MAPLE STREET, WALNUT STREET, 11TH AVENUE, AND 12TH AVENUE AREA

CIP Project #: 1610

Master Plan: Water Supply Master Plan
Category: Water
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$669,000

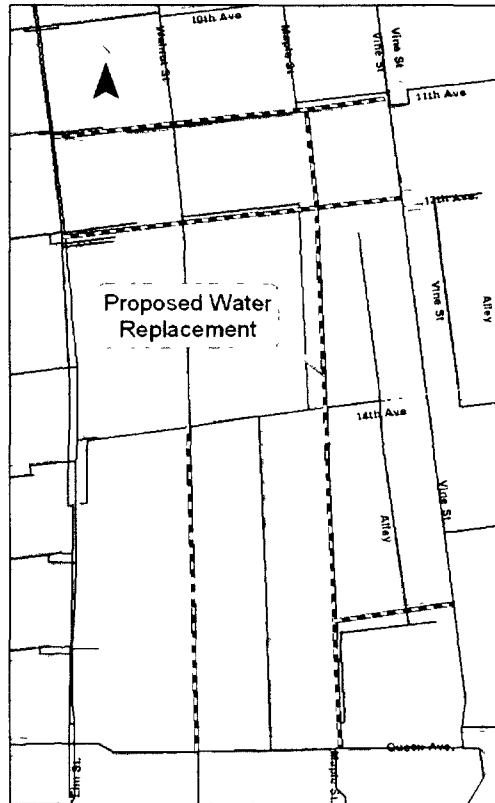
Plan Element: Perpetual Life Replacement
Classification: Water Mains

Replace approximately 4,385 feet of deteriorated 2-inch, 4-inch, and 6-inch steel water mains. The new water lines will be an 8-inch diameter line. Following is a list of the replacements: Maple - 11th Avenue to Queen Avenue ; Walnut - 14th Avenue to Queen Avenue; 11th Avenue - Elm to Vine; 12th Avenue - Elm to Vine; and 16th Avenue - Maple to Vine

This project will require transferring approximately 18 services to the 16-inch AC water main on Vine street.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-941	WATER RATES/OPERATING REVENUES	\$669,000
	Total	\$669,000



Capital Improvement Program 2005-2009

Plan FY: 2006-2007 4TH AVENUE, 5TH AVENUE, AND CHICAGO AREA

CIP Project #: 1611

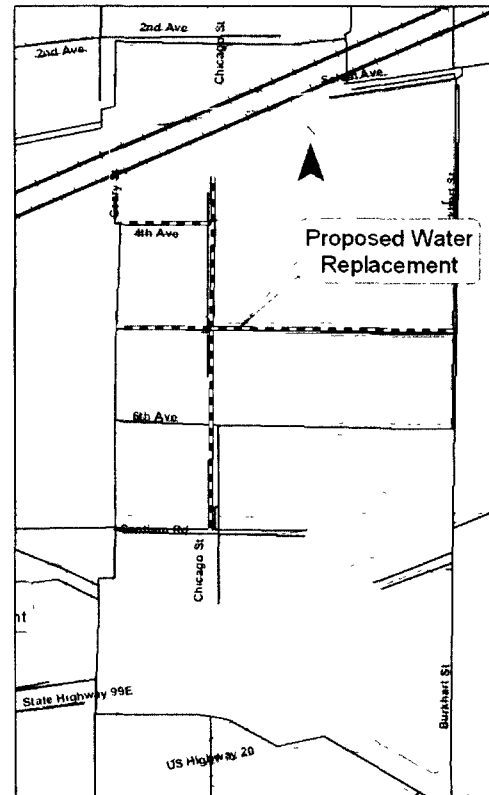
Master Plan: Water Supply Master Plan
Category: Water
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$273,000

Plan Element: Perpetual Life Replacement
Classification: Water Mains

Replace approximately 1,790 feet of deteriorated steel main. The new water lines will be 8-inch diameter lines. Following is a list of the replacements: Chicago – 4th Avenue to 7th Avenue; 4th Avenue – Geary to Chicago; and 5th Avenue Geary to Burkhart

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-941	WATER RATES/OPERATING REVENUES	\$273,000
	Total	\$273,000



Plan FY: 2006-2007 SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED

CIP Project #: 1675 Phase: 4

Master Plan: [None] Plan Element:
 Category: Water Classification: Water Supply & Storage
 Department: Public Works Department
 O&M Impact: Decrease
 Total Cost: \$1,500,000

This project will provide for bank assessment, bank stabilization, spot dredging, repairs, and other necessary improvements to the Santiam-Albany Canal.

Funding Sources For This Project:

Activity	Funding Source	Projected Amount
11-940	WATER RATES/OPERATING REVENUES	\$1,500,000
	Total	\$1,500,000

Related Projects:

Phase	Year	Title	Category	Projected Total
2	2005	ALBANY-SANTIAM CANAL IMPROVEMENTS	Water	\$250,000
3	2006	ALBANY-SANTIAM CANAL IMPROVEMENTS	Water	\$250,000
4	2007	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$1,500,000
5	2008	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$500,000
6	2009	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$500,000
7	2010	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$500,000
8	2011	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$500,000
9	2012	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$500,000
10	2013	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$500,000
11	2014	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$1,290,000

Capital Improvement Program 2005-2009

Plan FY: 2006-2007 SEISMIC PROTECTION PROGRAM

CIP Project #: 1681 Phase: 3

Master Plan: [None] **Plan Element:**
Category: Water **Classification:** Water Supply & Storage
Department: Public Works Department
O&M Impact: None
Total Cost: \$206,000

Install seismic restraints and/or seismically rated valves to upgrade facilities to better withstand earthquakes, as provided for in the master plan.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-941	WATER RATES/OPERATING REVENUES	\$206,000
	Total	\$206,000

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
1	2005	SEISMIC PROTECTION PROGRAM	Water	\$192,000
2	2006	SEISMIC PROTECTION PROGRAM	Water	\$199,000
3	2007	SEISMIC PROTECTION PROGRAM	Water	\$206,000
4	2008	SEISMIC PROTECTION PROGRAM	Water	\$214,000
Grand Total - All Related Projects				\$811,000

Plan FY: 2006-2007 CROCKER LANE, GIBSON HILL NORTHWARD

CIP Project #: 1686

Master Plan: [None] **Plan Element:**
Category: Water **Classification:** Water Mains
Department: Public Works Department
O&M Impact: None
Total Cost: \$740,000

Upgrade existing undersized pipeline to meet fire flow requirements and adequate service pressure.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-941	WATER RATES/OPERATING REVENUES	\$740,000
	Total	\$740,000

Capital Improvement Program 2005-2009

Plan FY: 2007-2008 HILL STREET: QUEEN TO 24TH AVENUE

CIP Project #: 1002 Phase: 1

Master Plan: Water Supply Master Plan
Category: Water
Department: Public Works Department
O&M Impact: Increase
Total Cost: \$732,000

Plan Element:
Classification: Water Supply & Storage

SDC

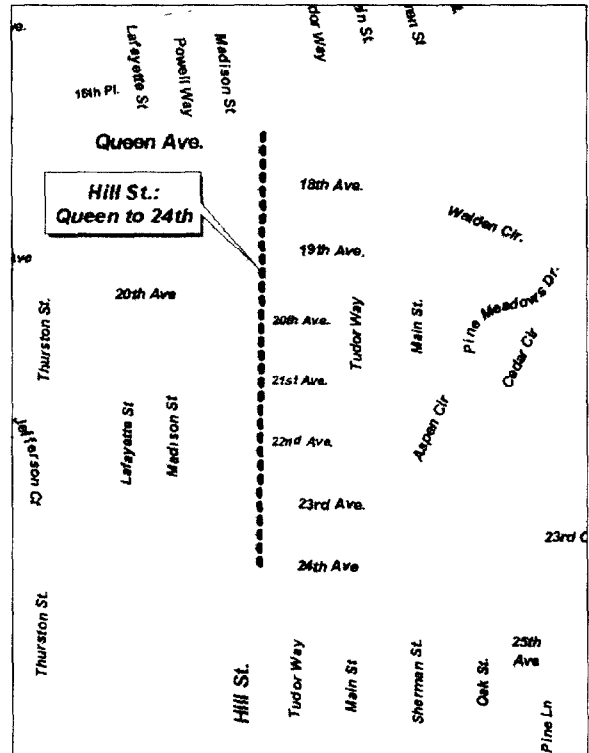
Replace approximately 2,400 feet of deteriorated distribution lines with 24-inch transmission lines. This project will improve service to the south and southwest quadrants of the City and will improve fire protection.

Funding Sources For This Project:

Activity	Funding Source	Projected Amount
11-498	SDC - IMPROVEMENT - WATER	\$476,000
11-941	WATER RATES/OPERATING REVENUES	\$256,000
Total		\$732,000

Related Projects:

Phase	Year	Title	Category	Projected Total
1	2008	HILL STREET QUEEN TO 24TH AVENUE	Water	\$732,000
2	2008	HILL STREET 24TH TO 28TH AVENUE	Water	\$412,000
3	2009	HILL STREET 28TH TO 34TH AVENUE	Water	\$529,000
4	2009	HILL STREET 34TH TO 38TH AVENUE	Water	\$334,000
Grand Total - All Related Projects				\$2,007,000



Plan FY: 2007-2008 HILL STREET: 24TH TO 28TH AVENUE

CIP Project #: 1002 Phase: 2

Master Plan: Water Supply Master Plan
Category: Water
Department: Public Works Department
O&M Impact: Increase
Total Cost: \$412,000

Plan Element:
Classification: Water Supply & Storage

SDC

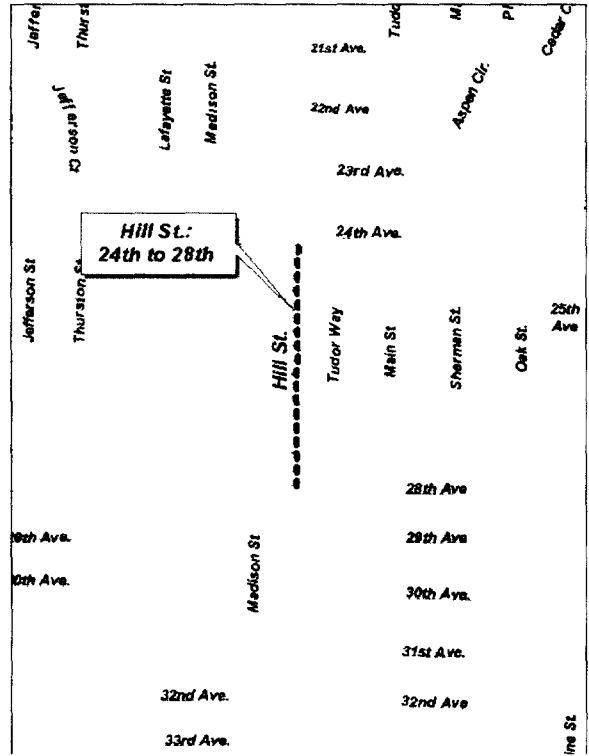
Replace approximately 1,350 feet of deteriorated distribution lines with 24-inch transmission lines. This project will improve service to the south and southwest quadrants of the City and will improve fire protection.

Funding Sources For This Project:

Activity	Funding Source	Projected Amount
11-498	SDC - IMPROVEMENT - WATER	\$267,000
11-941	RESERVE CAPITAL PROJECTS	\$145,000
Total		\$412,000

Related Projects:

Phase	Year	Title	Category	Projected Total
1	2008	HILL STREET QUEEN TO 24TH AVENUE	Water	\$732,000
2	2008	HILL STREET 24TH TO 28TH AVENUE	Water	\$412,000
3	2009	HILL STREET 28TH TO 34TH AVENUE	Water	\$529,000
4	2009	HILL STREET 34TH TO 38TH AVENUE	Water	\$334,000
Grand Total - All Related Projects				\$2,007,000



Capital Improvement Program 2005-2009

Plan FY: 2007-2008 FUTURE PIPE OVERSIZING

CIP Project #: 1269

Master Plan: Water Supply Master Plan **Plan Element:**
Category: Water **Classification:** Developer Improvements - Water
Department: Public Works Department
O&M Impact: None **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, the Council may, if funds are available, pay the developer for the material cost difference between the large-size line and the minimum-size line required.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-498	SDC - IMPROVEMENT - WATER	\$10,000
	Total	\$10,000

Plan FY: 2007-2008 MAPLE STREET RESERVOIR COATING

CIP Project #: 1287 Phase: 5

Master Plan: Water Supply Master Plan
Category: Water
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$103,000

Plan Element:
Classification: Water Supply & Storage

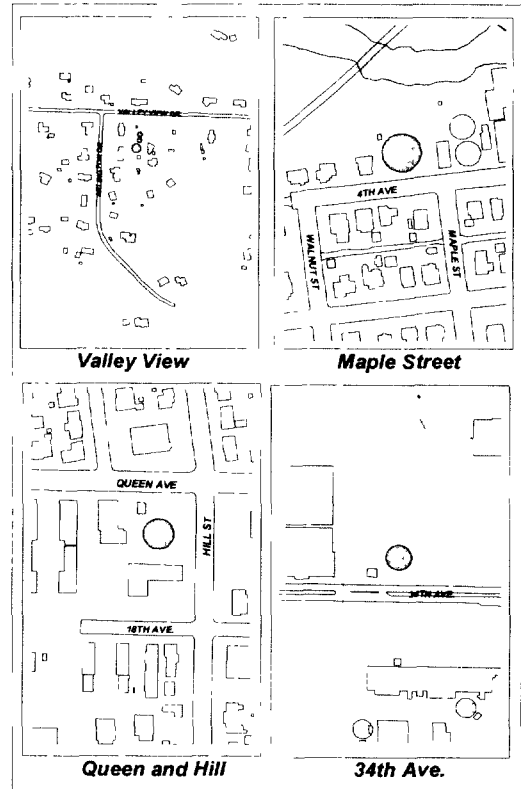
Recoat the interior of the Maple Street reservoir in the water distribution and storage system.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-941	WATER RATES/OPERATING REVENUES	\$103,000
	Total	\$103,000

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
3	2005	34TH AVENUE RESERVOIR COATING	Water	\$93,000
4	2007	VALLEY VIEW RESERVOIR COATING	Water	\$159,000
5	2008	MAPLE STREET RESERVOIR COATING	Water	\$103,000
Grand Total - All Related Projects				\$355,000



Capital Improvement Program 2005-2009

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
O&M Impact: Decrease
Total Cost: \$1,018,000

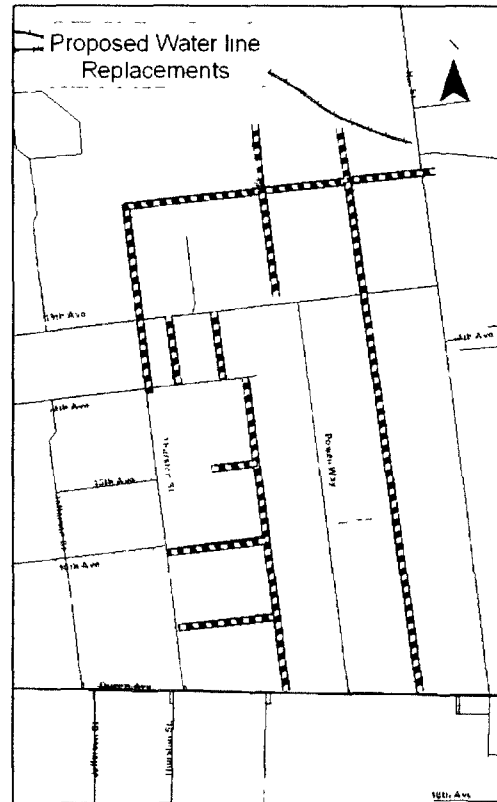
Plan Element: Perpetual Life Replacement
Classification: Water Mains

Replace approximately 6,400 lineal feet of 2-inch, 4-inch, and 6-inch steel water lines in the Madison 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 line. Actual size will be determined during design.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-941	WATER RATES/OPERATING REVENUES	\$1,018,000
	Total	\$1,018,000



Plan FY: 2007-2008 SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED

CIP Project #: 1675 Phase: 5

Master Plan: [None] **Plan Element:**
Category: Water **Classification:** Water Supply & Storage
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$500,000

This project will provide for bank assessment, bank stabilization, spot dredging, repairs, and other necessary improvements to the Santiam-Albany Canal.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-940	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>
2	2005	ALBANY-SANTIAM CANAL IMPROVEMENTS	Water	\$250,000
3	2006	ALBANY-SANTIAM CANAL IMPROVEMENTS	Water	\$250,000
4	2007	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$1,500,000
5	2008	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$500,000
6	2009	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$500,000
7	2010	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$500,000
8	2011	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$500,000
9	2012	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$500,000
10	2013	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$500,000
11	2014	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$1,290,000

Capital Improvement Program 2005-2009

Plan FY: 2007-2008 SEISMIC PROTECTION PROGRAM

CIP Project #: 1681 Phase: 4

Master Plan: [None] **Plan Element:**
Category: Water **Classification:** Water Supply & Storage
Department: Public Works Department
O&M Impact: None
Total Cost: \$214,000

Install seismic restraints and/or seismically rated valves to upgrade facilities to better withstand earthquakes, as provided for in the master plan.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-941	WATER RATES/OPERATING REVENUES	\$214,000
	Total	\$214,000

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
1	2005	SEISMIC PROTECTION PROGRAM	Water	\$192,000
2	2006	SEISMIC PROTECTION PROGRAM	Water	\$199,000
3	2007	SEISMIC PROTECTION PROGRAM	Water	\$206,000
4	2008	SEISMIC PROTECTION PROGRAM	Water	\$214,000
Grand Total - All Related Projects				\$811,000

Plan FY: 2007-2008 REPLACE/REPAIR OVERFLOW PIPING; QUEEN, 34TH AND VALLEY VIEW RESERVOIRS

CIP Project #: 1688

Master Plan: Water Supply Master Plan **Plan Element:** S3
Category: Water **Classification:** Water Supply & Storage
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$271,000

Repair or replace overflow piping as needed as specified in the master plan.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-941	WATER RATES/OPERATING REVENUES	\$271,000
	Total	\$271,000

Capital Improvement Program 2005-2009

**Plan FY: 2007-2008 DECHLORINATION FACILITIES; 34TH, QUEEN, BROADWAY,
AND VALLEY VIEW RESERVOIRS**

CIP Project #: 1689

Master Plan: Water Supply Master Plan **Plan Element:** S-4
Category: Water **Classification:** Water Supply & Storage
Department: Public Works Department
O&M Impact: None
Total Cost: \$104,000

Install dechlorination facilities at specified locations as provided for in the master plan.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-941	WATER RAFTS/OPERATING REVENUES	\$104,000
	Total	\$104,000

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
O&M Impact: Increase
Total Cost: \$529,000

Plan Element:
Classification: Water Supply & Storage

SDC

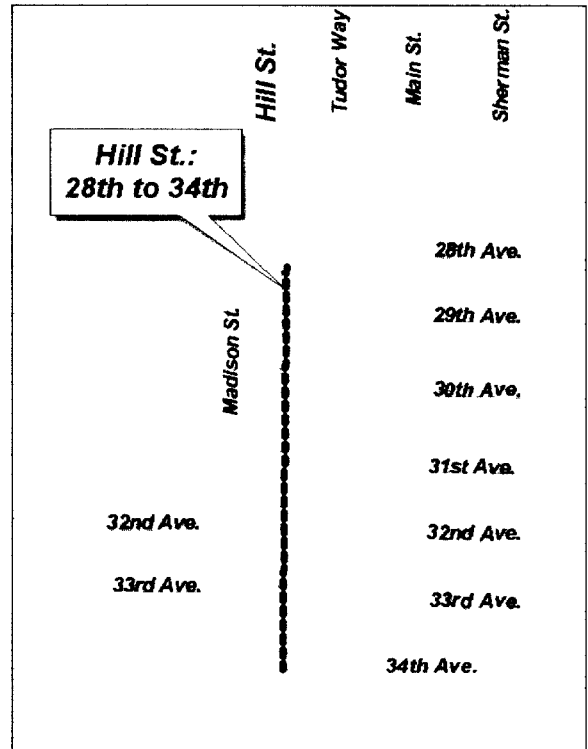
Replace approximately 1,650 feet of deteriorated distribution lines with 24-inch transmission lines. This project will improve service to the south and southwest quadrants of the City and will improve fire protection.

Funding Sources For This Project:

Activity	Funding Source	Projected Amount
11-498	SDC - IMPROVEMENT - WATER	\$344,000
11-941	RESERVE CAPITAL PROJECTS	\$185,000
Total		\$529,000

Related Projects:

Phase	Year	Title	Category	Projected Total
1	2008	HILL STREET QUEEN TO 24TH AVENUE	Water	\$732,000
2	2008	HILL STREET 24TH TO 28TH AVENUE	Water	\$412,000
3	2009	HILL STREET 28TH TO 34TH AVENUE	Water	\$529,000
4	2009	HILL STREET 34TH TO 38TH AVENUE	Water	\$334,000
Grand Total - All Related Projects				\$2,007,000



Capital Improvement Program 2005-2009

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
O&M Impact: Increase
Total Cost: \$334,000

Plan Element:
Classification: Water Supply & Storage

SDC

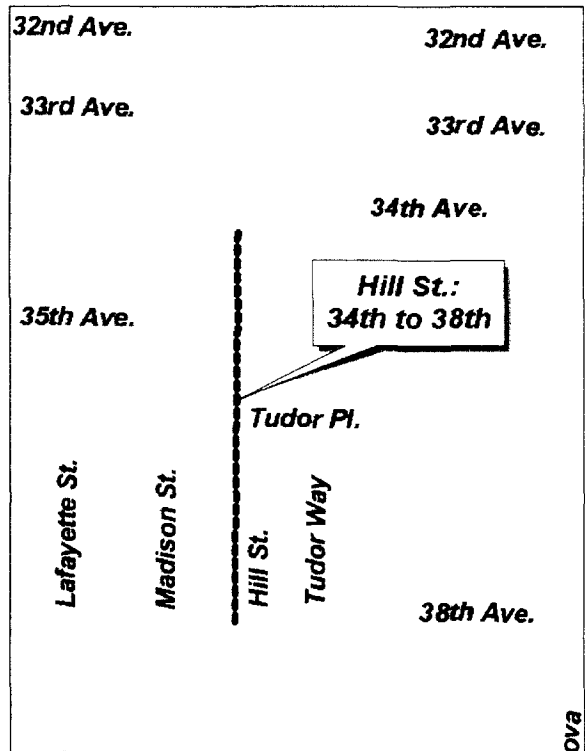
Replace approximately 1,250 feet of deteriorated distribution lines with 16-inch transmission lines. This project will improve service to the south and southwest quadrants of the City and will improve fire protection.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-498	SDC - IMPROVEMENT - WATER	\$130,000
11-941	WATER RATES/OPERATING REVENUES	\$204,000
Total		\$334,000

Related Projects:

<u>Phase</u>	<u>Year</u>	<u>Title</u>	<u>Category</u>	<u>Projected Total</u>
1	2008	HILL STREET QUEEN TO 24TH AVENUE	Water	\$732,000
2	2008	HILL STREET 24TH TO 28TH AVENUE	Water	\$412,000
3	2009	HILL STREET 28TH TO 34TH AVENUE	Water	\$529,000
4	2009	HILL STREET 34TH TO 38TH AVENUE	Water	\$334,000
Grand Total - All Related Projects				\$2,007,000



Plan FY: 2008-2009 FUTURE PIPE OVERSIZING

CIP Project #: 1270

Master Plan:	Water Supply Master Plan	Plan Element:	
Category:	Water	Classification:	Developer Improvements - Water
Department:	Public Works Department		
O&M Impact:	None		
Total Cost:	\$10,000		SDC

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, the Council may, if funds are available, pay the developer for the material cost difference between the large-size line and the minimum-size line required.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-498	SDC - IMPROVEMENT - WATER	\$10,000
	Total	\$10,000

Capital Improvement Program 2005-2009

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

CIP Project #: 1595

Master Plan: Water Supply Master Plan
Category: Water
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$407,000

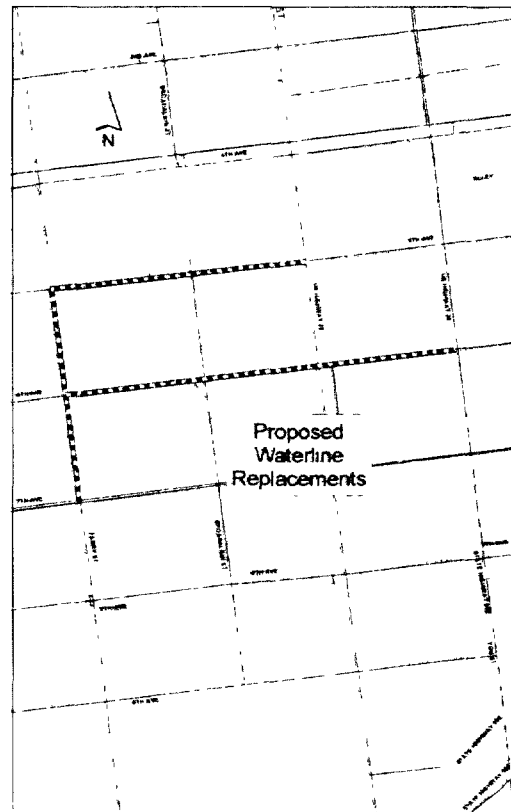
Plan Element: Perpetual Life Replacement
Classification: Water Mains

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 to Ellsworth; 6th Avenue, Ferry to Lyon; and Ferry, 5th Avenue to 7th Avenue.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-941	WATER RATES/OPERATING REVENUES	\$407,000
	Total	\$407,000



Plan FY: 2008-2009 SHORTRIDGE STREET, HIGHWAY 20 TO 14TH AVENUE

CIP Project #: 1605

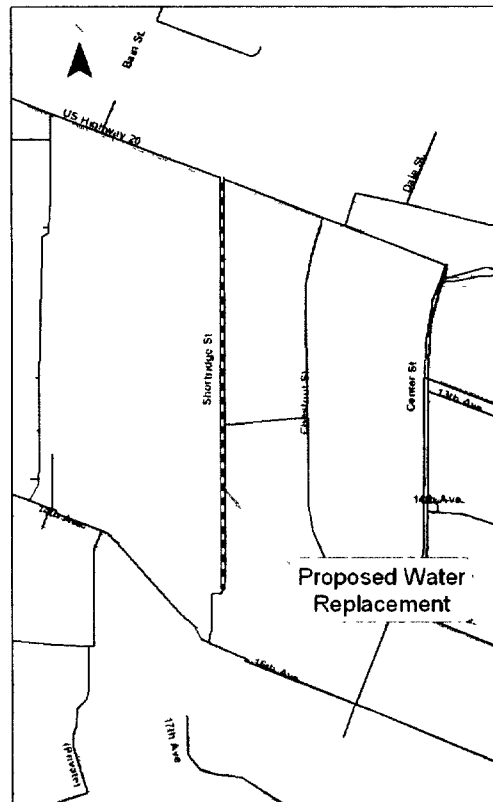
Master Plan: Water Supply Master Plan
Category: Water
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$191,000

Plan Element: Perpetual Life Replacement
Classification: Water Mains

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 an 12-inch diameter line.

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-941	WATER RATES/OPERATING REVENUES	\$191,000
	Total	\$191,000



Capital Improvement Program 2005-2009

Plan FY: 2008-2009 MAIER LANE, SKYLINE TERRACE TO PENNY LANE WATER LINE REPLACEMENT

CIP Project #: 1615

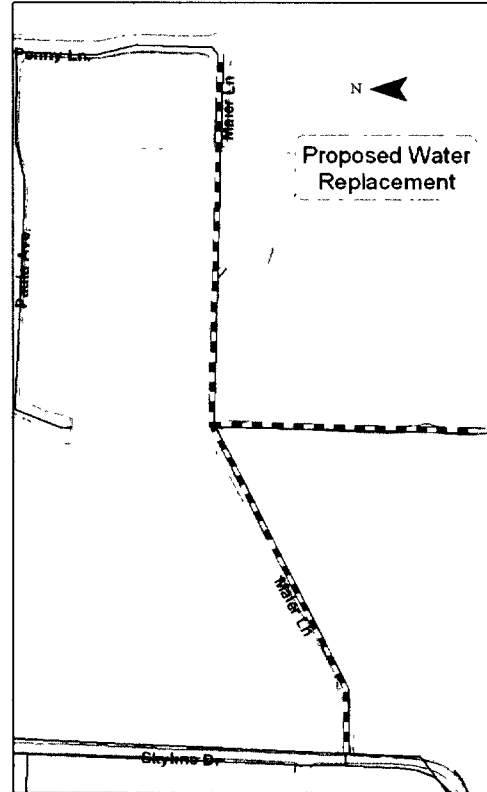
Master Plan: Water Supply Master Plan
Category: Water
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$307,000

Plan Element: Perpetual Life Replacement
Classification: Water Mains

Replace approximately 1,900 feet of deteriorated galvanized and plastic water mains. This will also connect lines in Penny and Skyline Terrace that are currently not connected. The new water line will be an 8-inch diameter line

Funding Sources For This Project:

<u>Activity</u>	<u>Funding Source</u>	<u>Projected Amount</u>
11-941	WATER RATES/OPERATING REVENUES	\$307,000
	Total	\$307,000



Plan FY: 2008-2009 SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED

CIP Project #: 1675 Phase: 6

Master Plan: [None] **Plan Element:**
Category: Water **Classification:** Water Supply & Storage
Department: Public Works Department
O&M Impact: Decrease
Total Cost: \$500,000

This project will provide for bank assessment, bank stabilization, spot dredging, repairs, and other necessary improvements to the Santiam-Albany Canal.

Funding Sources For This Project:

Activity	Funding Source	Projected Amount
11-940	WATER RATES/OPERATING REVENUES	\$500,000
	Total	\$500,000

Related Projects:

Phase	Year	Title	Category	Projected Total
2	2005	ALBANY SANTIAM CANAL IMPROVEMENTS	Water	\$250,000
3	2006	ALBANY-SANTIAM CANAL IMPROVEMENTS	Water	\$250,000
4	2007	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$1,500,000
5	2008	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$500,000
6	2009	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$500,000
7	2010	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$500,000
8	2011	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$500,000
9	2012	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$500,000
10	2013	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$500,000
11	2014	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	Water	\$1,290,000

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
1271		2010	FUTURE PIPE OVERSIZING	\$10,000
1272		2011	FUTURE PIPE OVERSIZING	\$10,000
1273		2012	FUTURE PIPE OVERSIZING	\$10,000
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:				\$160,000

New Construction - Water

CIP #	Phase	Year	Title	Projected Total
1327		0	DRAPERVILLE/CENTURY DRIVE WATER SYSTEM	\$2,088,000
1328		0	LOCHNER/FLLINGSON WATER LINE	\$4,072,000
1633		0	SOUTH ALBANY TRANSMISSION PROJECT	\$1,043,000
1638		0	ZONE 1 DISTRIBUTION PROJECTS	\$686,000
1640		0	CENTRAL ALBANY TRANSMISSION PROJECT	\$6,405,000
1641		0	DEVELOPMENT DRIVEN TRANSMISSION/DISTRIBUTION PROJECTS	\$3,514,000
Total for Unfunded New Construction - Water:				\$17,808,000

Water Mains

CIP #	Phase	Year	Title	Projected Total
1443	2	0	OAK ST, 9TH AVENUE TO QUIN AVENUE	\$536,000
1557		0	38TH AVENUE WATER LINE CONNECTION AT MARION	\$38,000
1558		0	SPRINGHILL DRIVE OFF COUNTRYMAN CIRCLE	\$99,000
1559		0	RIDGEVIEW LANE NW	\$89,000
1560		0	KOUNS DRIVE AREA TO SCINIC DRIVE	\$715,000
1561		0	RONDO DRIVE AREA, HIGHWAY 20 TO KOUNS DRIVE	\$516,000
1562		0	COUNTRYMAN CIRCLE, WEST SIDE	\$549,000

Capital Improvement Program 2005-2009

CIP #	Phase	Year	Title	Projected Total
1563	0		VALLEY VIEW DRIVE, VALLEY VIEW RESERVOIRS TO CROCKER LANE NW	\$536,000
1564	0		SCENIC DRIVE NW, VALLEY VIEW DRIVE TO DEAD-END NORTH OF PALESTINE AVENUE	\$810,000
1565	0		KNOLLWOODS DRIVE, SOUTH OF POWERS AVENUE NW	\$101,000
1566	0		SOX LANE NW, SOUTH OF POWERS AVENUE	\$84,000
1567	0		POWERS AVENUE, SCENIC DRIVE TO OAK GROVE DRIVE	\$511,000
1568	0		OAK GROVE DRIVE, NORTH OF POWERS AND ALONG PALESTINE DRIVE	\$536,000
1569	0		VINE STREET, 6TH TO 7TH	\$42,000
1570	0		CALAPOOLA STREET, BETWEEN 5TH AND 6TH	\$41,000
1571	0		THORNTON LAKE DRIVE NW, REPLACE SERVICE CONNECTION	\$15,000
1572	0		EAST THORNTON LAKE DRIVE NW	\$220,000
1573	0		PARK TERRACE NW, OFF GIBSON HILL ROAD	\$141,000
1574	0		PULVER PLACE AT PULVER LANE	\$44,000
1575	0		LYONS STREET, 1ST TO 4TH	\$231,000
1578	0		BAIN STREET, NORTH SHORE DRIVE TO SOUTH SHORE DRIVE AND FRANKLIN AVENUE	\$352,000
1579	0		36TH PLACE AT THURSTON STREET	\$20,000
1580	0		FRONT AVENUE, MAIN TO SHERMAN	\$27,000
1581	0		MONTGOMERY STREET, WATER STREET TO 1ST STREET	\$24,000
1582	0		2ND AVENUE, CALAPOOLA STREET TO WASHINGTON STREET	\$42,000
1583	0		PACIFIC BOULEVARD, WAVERLY DRIVE TO ALBANY AVENUE	\$791,000
1584	0		4TH AVENUE, ERMINI, DAVIDSON, AND CLAY IN THE COLUMBUS TO WAVERLY AREA	\$406,000
1585	0		SKYLINE DRIVE, GIBSON HILL ROAD TO ORCHARD HEIGHTS	\$142,000
1586	0		WATER AVENUE, COLUMBUS AVENUE AND 1ST AVENUE EAST OF BURKHART	\$173,000
1587	0		6TH AVENUE, ELM TO MAPLE AND WALNUT STREET, 6TH TO 7TH	\$112,000
1588	0		9TH AVENUE, EAST OF WAVERLY DRIVE	\$36,000
1589	0		DAVIDSON STREET, 8TH TO SAN LIAM [WFP]	\$319,000
1590	0		COLUMBUS STREET AND BRADLEY STREET, PACIFIC TO SAN LIAM	\$212,000
1591	0		PINEWOOD DRIVE AND VALLEY VIEW DRIVE TO VALLEY VIEW RESERVOIR	\$331,000
1592	0		JEFFERSON, MONTGOMERY, JACKSON AND 6TH AVENUE AREA	\$476,000
1593	0		CLEVELAND STREET, 7TH AVENUE TO PACIFIC BOULEVARD	\$38,000
1594	0		WASHINGTON AND FERRY STREETS AREA, 9TH TO 14TH	\$776,000
1596	0		LINCOLN STREET, 12TH AVENUE TO 15TH AVENUE	\$220,000
1597	0		WILLAMETTE AVENUE AND BURKHARDT, GEARY TO DAVISSON STREET AREA	\$233,000
1601	0		TRIN CREST NW	\$119,000
1602	0		NORTH OF 27TH AVENUE BETWEEN HILL AND SHERMAN	\$58,000
1606	0		LAFAYETTE, CLOVERDALE, PEACH TREE, CHERRY AND FAIRWAY AREA	\$687,000
1637	1	0	PIPELINE REPLACEMENT PROGRAMS, PHASE 1	\$8,143,000
1637	2	0	PIPELINE REPLACEMENT PROGRAMS, PHASE 2	\$8,724,000
1637	3	0	PIPELINE REPLACEMENT PROGRAMS, PHASE 3	\$13,620,000
1637	4	0	PIPELINE REPLACEMENT PROGRAMS, PHASE 4	\$67,223,000
1576		2010	CRITTENDEN LOOP NW, BROADWAY TO GIBSON HILL ROAD	\$200,000
1600		2010	BAKER STREET, 4TH TO 8TH AVENUES	\$210,000
1608		2010	THURSTON STREET SE AND BROADALBIN WATER LINE REPLACEMENT AND EXTENSION	\$484,000

CIP #	Phase	Year	Title	Projected Total
1690		2010	FLLINGSON ROAD, PACIFIC BOULEVARD TO FLEX AIDED STORAGE FACILITY - MAIN	\$577,000
Total for Unfunded Water Mains:				\$110,629,000

Water Supply & Storage

CIP #	Phase	Year	Title	Projected Total
1300	1	0	KNOX BUTTE RESERVOIR PROJECT, STAGE 1	\$6,103,000
1300	2	0	KNOX BUTTE RESERVOIR PROJECT, PHASE 2	\$3,548,000
1301		0	21ST AVE INTERSTATE 5 TO THREE-LAKES ROAD	\$497,000
1303		0	LOCHNER & CANAL TO FLLINGSON & HWY 99E	\$2,652,000
1304		0	LOCHNER & FLLINGSON TO COLUMBUS TO 7-MILE LANE	\$1,105,000
1305		0	MOUNTAIN VIEW DRIVE TO 47TH AVENUE (MIDNIGHT HONEY)	\$884,000
1306		0	PRICE ROAD & BLUE OX TO AIRPORT	\$298,000
1307		0	DOGWOOD & PRICE ROAD TO AIRPORT	\$265,000
1308		0	HWY 20 & PRICE ROAD	\$166,000
1309		0	PONDEROSA DRIVE TO 53RD AVENUE	\$133,000
1310		0	MARION & 41STREET TO LOCHNER ROAD	\$177,000
1311		0	MARION & 41STREET TO COLLEGE PARK DRIVE	\$221,000
1312		0	BROADWAY RESERVOIR TO MAIN & SALEM AVENUE	\$3,592,000
1313	1	0	NORTH ALBANY STORAGE AND DISTRIBUTION SYSTEM IMPROVEMENTS	\$9,291,000
1313	2	0	NORTH ALBANY STORAGE AND DISTRIBUTION SYSTEM IMPROVEMENTS	\$1,756,000
1314		0	UNFUNDED NEED TO REPLACE ALL EXISTING STEEL AND GALVANIZED MAINS WITHIN THE CITY LIMITS	\$16,577,000
1634	1	0	RESERVOIR PROJECTS, PHASE 1	\$1,261,000
1634	2	0	RESERVOIR PROJECTS, PHASE 2	\$20,000
1636	1	0	VINE STREET WTP PROJECTS, PHASE 1	\$2,535,000
1636	2	0	VINE STREET WTP PROJECTS, PHASE 2	\$3,119,000
1639		0	FLLINGSON ROAD RESERVOIR PROJECT	\$4,525,000
1642		0	BROADWAY RESERVOIR PROJECT	\$5,677,000
1643		0	VALLEY VIEW RESERVOIR PROJECT	\$527,000
1644		0	JOINT WATER PROJECT, PHASE 2	\$3,954,000
1675	7	2010	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	\$500,000
1675	8	2011	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	\$500,000
1675	9	2012	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	\$500,000
1675	10	2013	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	\$500,000
1675	11	2014	SANTIAM-ALBANY CANAL IMPROVEMENTS - UNSPECIFIED	\$1,290,000
Total for Unfunded Water Supply & Storage:				\$72,173,000

Grand Total for Unfunded Water: \$200,770,000