

**Capital Budget**

**2009 Capital – Capital Facilities Plan Expenditures**

Item or Project Name	Department/ Division	Description and Justification
* Northwest Pedestrian Improvements - McLeod to Bakerview	PWE-Street	The project will install sidewalks under I-5 from McLeod to Bakerview to link the Bakerview sidewalk network to the Birchwood Neighborhood sidewalk network. In addition, circulation improvements at the I-5 interchange will be undertaken to relieve congestion at peak periods.
* Undergrounding PSE	PWE-Street	For the 2009 budget year, the Annual Downtown Street/Sidewalk Improvements Project has been replaced by the Power Undergrounding Project. This project includes trenching costs for the underground power lines and pavement repair work to various alleys in the downtown area. This is a joint cost sharing project with Puget Sound Energy as they proceed with upgrading and moving power facilities underground in the downtown core over the next couple of years.
* James Street Fireflow Upgrades	PWE-Water	Infrastructure improvements to provide additional fire flow capacity to this service area.
* Lake Whatcom Water Quality (LWWQ) Sewer Extension	PWE-Wastewater	Sewer main extensions in the City's portion of the Lake Whatcom Watershed that serve existing homes still using septic systems.
Lake Whatcom Water Quality Retrofit	PWE-Stormwater	Lake Whatcom stormwater conversion of water quality pond to sand filter. 2009 project: Britton Pond.
Security Improvements for Water System	PW-Operations	Improvements based on recommendations from vulnerability assessment conducted of water system and capital improvements.
Security Improvements for Wastewater System	PW-Operations	Recently identified improvements include a keyless security and entry system at the Wastewater Treatment Plant.

A \* in the left column indicates that a summary for the named project follows the department capital tables.

**Public Works Department**

Estimated Impact on Operating Costs for Projects To Be Included in 2009 Budget	Prior Years Actuals Plus '08 Budget	2009	2009 Fund Allocation	2010-2014 Estimate
This project will result in increased operating costs for pavement and surface maintenance, storm water maintenance, illumination maintenance and electrical energy consumption. Annual operating cost increase is approximately \$9,500 per year.	1,485,186  (Prior Years Actuals includes Street Fund, Second Quarter REET and grant funds)	200,000	STREET FUND	
None anticipated.	500,000	200,000	FIRST QUARTER REET FUND	500,000
Replacing aging water mains may result in lower annual maintenance costs by increasing system reliability and thus reducing incidents of failure.		200,000	WATER FUND	1,000,000
Increased operating costs associated with 1,000 linear feet of new sewer main is approximately \$3,000/year.		200,000	WASTEWATER FUND	
Raplacing the wet pond with a sand filter may reduce operating costs.		150,000	STORMWATER FUND	
No additional maintenance requirements are anticipated as a result of the improvements, with the exception of the added fencing which is estimated to require an additional \$1,500 annually.	588,350	100,000	WATER FUND	285,000
None anticipated.	128,170	100,000	WASTEWATER FUND	

**2009 Capital – Capital Facilities Plan Expenditures**

Item or Project Name	Department/ Division	Description and Justification
Lake Whatcom Water Quality/Total Maximum Daily Load (TMDL) Alternative Analysis	PWE-Stormwater	Dedicated stormwater funds for TMDL-related alternative analysis.
Pedestrian Crosswalk Enhancements-2009: Vicinity of North Samish and Newell	PWE-Street	Pedestrian improvements to crosswalks in the vicinity of North Samish and Newell.
Pedestrian Crosswalk Enhancements-2009: Lakeway Between Grant and Franklin	PWE-Street	Pedestrian improvements to crosswalks at Lakeway Drive between Grant and Franklin.
Pedestrian Crosswalk Enhancements-2009: Broadway Crosswalk	PWE-Street	Pedestrian improvements to Broadway crosswalk.
Residential Water Quality Retrofits	PWE-Stormwater	Completion of stormwater projects to bring existing City infrastructure into greater compliance with clean water goals.
Pedestrian Crosswalk Enhancements-2009: Vicinity of Northwest and Maplewood	PWE-Street	Pedestrian improvements to crosswalks in vicinity of Northwest and Maplewood in the Birchwood Neighborhood.
Elevation Control Upgrade	PW-Operations	Federal, State and County projects and permits are now required to reference the North American Vertical Datum (NAVD) 88 vertical datum. This project will build a vertical control loop around the city and tie into the existing city vertical datum.

*(Public Works Capital continues with Ongoing Improvement Programs after CFP Project summaries.)*

**Public Works Department**

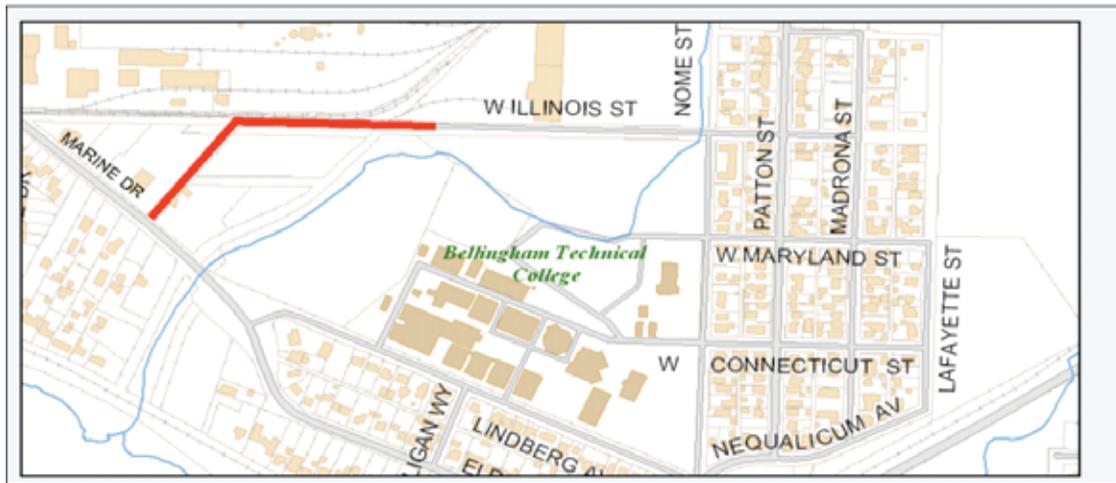
Estimated Impact on Operating Costs for Projects To Be Included in 2009 Budget	Prior Years Actuals Plus '08 Budget	2009	2009 Fund Allocation	2010-2014 Estimate
No impact to operating budget.		100,000	STORMWATER FUND	
These improvements will increase annual crosswalk maintenance by approximately \$500.		75,000	STREET FUND	
These improvements will increase annual crosswalk maintenance by approximately \$500.		75,000	STREET FUND	
These improvements will increase annual crosswalk maintenance by approximately \$500.	200,000	50,000	STREET FUND	
Increased infrastructure will result in higher maintenance cost for the Stormwater Utility. Actual maintenance costs are dependant on specific construction designs. Maintenance costs will be factored in design decisions.		50,000	STORMWATER FUND	250,000
These improvements will add minimal amounts of curb, sidewalk, and pavement markings. Since the overhead crossing arms for these improvements are solar powered, net operating budget impacts are minimal.		50,000	STREET FUND	
Capital project cost for data translation to state and county agencies should decrease. There will be an additional cost to maintain the information.	80,000	50,000	STREET FUND	80,000

**2009 Capital – Public Works Department Capital Project Summaries**

**WEST ILLINOIS STREET EXTENSION**

**Project Description (ES310)**

A cooperative funding project between the City of Bellingham, Whatcom County, the Bellingham Technical College, Morse Steel and the State of Washington. The project will construct West Illinois Street between its current westerly terminus and Marine Drive as an arterial standard street. The completed roadway will allow for industrial traffic to access existing industrial uses in the area without traveling through the surrounding residential neighborhood.



Revenues and Sources	Allocated as of 12/31/07	2008 Revised Budget	2009 Request	Total
Street Fund	47,670	-	400,000	447,670
Federal Indirect Grant	55,390	1,101,000	1,600,000	2,756,390
Interlocal Grant	-	350,000	-	350,000
Intergovernmental Service Revenue	-	529,000	-	529,000
Private Development Fees	-	122,000	-	122,000
<b>Estimated Total</b>	<b>\$ 103,060</b>	<b>\$ 2,102,000</b>	<b>\$ 2,000,000</b>	<b>\$ 4,205,060</b>

Expenditures and Uses	Spent as of 12/31/07	2008 Revised Budget	2009 Request	Total
Roadway and Street Improvements	103,060	2,102,000	2,000,000	4,205,060
<b>Estimated Total</b>	<b>\$ 103,060</b>	<b>\$ 2,102,000</b>	<b>\$ 2,000,000</b>	<b>\$ 4,205,060</b>

**Estimated Impact on Operating Budget**

This activity will reduce annual maintenance costs of residential streets in the Birchwood Neighborhood as it will route truck traffic onto County all-weather road system. The street itself will result in no maintenance cost as it is in the County.

**2009 Capital – Public Works Department Capital Project Summaries**

**WASTEWATER TREATMENT PLANT FACILITY CONSTRUCTION/EXPANSION**

**Project Description**

The recently completed draft Comprehensive Sewer Plan identifies that the Post Point Wastewater Treatment Plant (WWTP) is reaching its permitted capacity. The WWTP operates under a NPDES permit which identifies capacity limits under various parameters. In our case the WWTP is expected to reach its permitted capacity on pollutant loads, measured in technical terms as Biological Oxygen Demand (BOD), as early as 2009. Work in 2009 will include completing the facilities plan, also called an Engineering report, which includes preliminary engineering necessary to complete the plan.



Revenues and Sources	Allocated as of 12/31/07	2008 Revised Budget	2009 Request	Total
Wastewater Fund	500,000	100,000	2,000,000	2,600,000
<b>Subtotal</b>	<b>\$ 500,000</b>	<b>\$ 100,000</b>	<b>\$ 2,000,000</b>	<b>\$ 2,600,000</b>

<b>2010-2014 Estimated Need:</b> Wastewater Revenue Bond \$15,000,000 in 2010, \$30,000,000 in 2011, \$20,000,000 in 2012.	65,000,000
<b>Estimated Total Revenues and Sources</b>	<b>\$ 67,600,000</b>

Expenditures and Uses	Spent as of 12/31/07	2008 Revised Budget	2009 Request	Total
Administration Building Construction	500,000	100,000	2,000,000	2,600,000
<b>Subtotal</b>	<b>\$ 500,000</b>	<b>\$ 100,000</b>	<b>\$ 2,000,000</b>	<b>\$ 2,600,000</b>

<b>2010-2014 Estimated Need:</b> WWTP Facility Construction \$10,000,000 in 2010, \$20,000,000 in 2011, \$20,000,000 in 2012.	50,000,000
Related Sewer Conveyance Upgrades \$5,000,000 in 2010, \$10,000 in 2011 budgeted as Annual Improvement Program.	15,000,000
<b>Estimated Total Expenditures and Uses</b>	<b>\$ 67,600,000</b>

**Estimated Impact on Operating Budget**

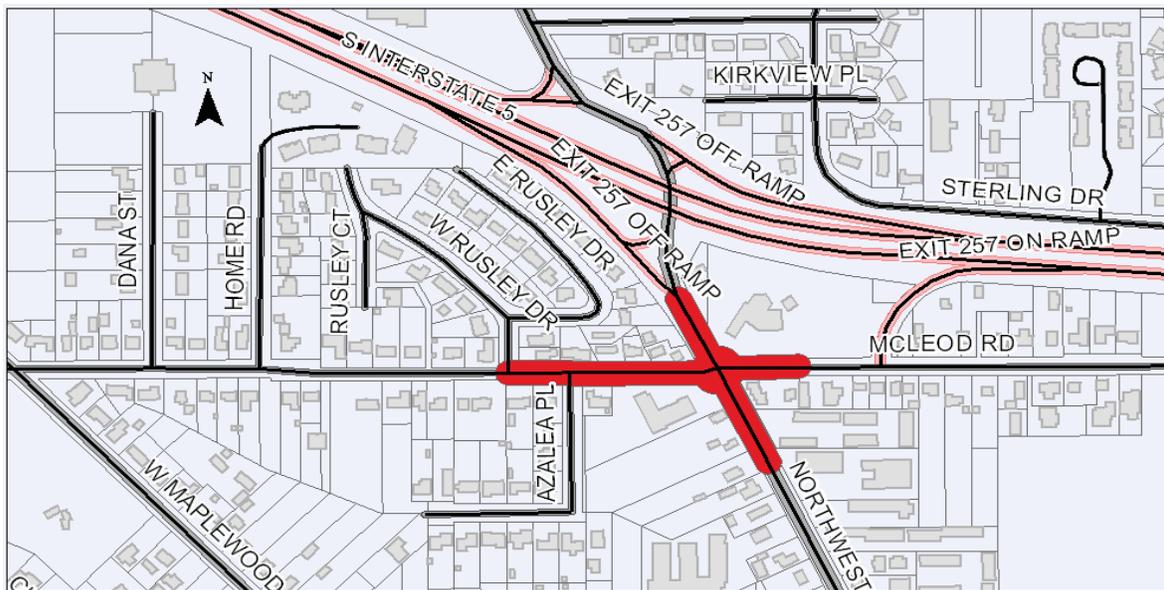
The City is reviewing operational impacts of plant expansion through rate analysis and revenue forecasting.

**2009 Capital – Public Works Department Capital Project Summaries**

**NORTHWEST/MCLEOD PHASE II ROUNDABOUT**

**Project Description (ES 360)**

This project will incorporate previously budgeted sidewalk improvements on McLeod Road and will involve construction of a multimodal roundabout at the intersection to add bicycle and pedestrian safety as well as arterial capacity and efficiency. The sidewalk limits have been reduced along McLeod to between Northwest and Rusley, and will be expanded if funding becomes available.



**2009 Capital – Public Works Department Capital Project Summaries**

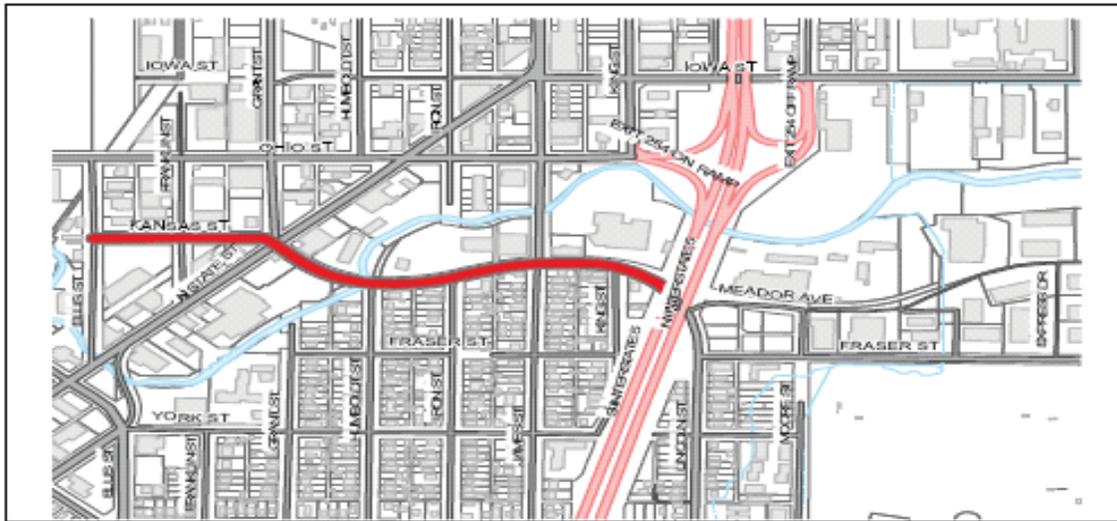
<b>NORTHWEST/MCLEOD PHASE II ROUNDABOUT (continued)</b>				
<b>Revenues and Sources</b>	<b>Allocated as of 12/31/07</b>	<b>2008 Revised Budget</b>	<b>2009 Request</b>	<b>Total</b>
Federal Grant	-	780,600	-	780,600
State Grant	-	-	1,610,000	1,610,000
Second Quarter REET Fund	-	150,000	-	150,000
<b>Subtotal</b>	<b>\$ -</b>	<b>\$ 930,600</b>	<b>\$ 1,610,000</b>	<b>\$ 2,540,600</b>
<b>2010-2014 Estimated Need:</b>				
Funding source not yet identified \$790,000 in 2012.				790,000
<b>Estimated Total Revenues and Sources</b>				<b>\$ 3,330,600</b>
<b>Expenditures and Uses</b>	<b>Spent as of 12/31/07</b>	<b>2008 Revised Budget</b>	<b>2009 Request</b>	<b>Total</b>
Roadway and Street Improvements	-	930,600	1,610,000	2,540,600
<b>Subtotal</b>	<b>\$ -</b>	<b>\$ 930,600</b>	<b>\$ 1,610,000</b>	<b>\$ 2,540,600</b>
<b>2010-2014 Estimated Need:</b>				
Roadway and Street Improvements \$790,000 in 2012.				790,000
<b>Estimated Total Expenditures and Uses</b>				<b>\$ 3,330,600</b>
<b>Estimated Impact on Operating Budget</b>				
This project will result in increased operating costs for pavement and surface maintenance, storm water maintenance, illumination maintenance and electrical energy consumption. Annual increase is approximately \$5,700 per year.				

**2009 Capital – Public Works Department Capital Project Summaries**

**MEADOR/KANSAS/ELLIS BIKE AND PEDESTRIAN FACILITIES**

**Project Description (ES 413)**

This project will provide the final on-street connection for the long-planned Whatcom Creek Trail system between Lake Whatcom and Bellingham Bay. 2008 Parks Department work will complete the trail section between Racine Street, passing beneath I-5 along the creek. This Public Works project will provide on-street pedestrian facilities between Meador Avenue and the Ellis Street. Right-of-way and narrow Whatcom Creek bridges create challenges, but bicycle facilities will be included where physically possible. Grant funds have been secured to include a pedestrian bridge over Whatcom Creek.



Revenues and Sources	Allocated as of 12/31/07	2008 Revised Budget	2009 Request	Total
Street Fund	-	-	200,000	200,000
Second Quarter REET Fund	-	-	550,000	550,000
State Grant - TIB	-	-	175,000	175,000
<b>Estimated Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 925,000</b>	<b>\$ 925,000</b>

Expenditures and Uses	Spent as of 12/31/07	2008 Revised Budget	2009 Request	Total
Sidewalks, Paths and Trails	-	-	925,000	925,000
<b>Estimated Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 925,000</b>	<b>\$ 925,000</b>

**Estimated Impact on Operating Budget**

Bike and pedestrian facilities will increase maintenance costs in future years requiring enhanced street sweeping and additional maintenance for pavement surfaces and traffic markings. Annual increase is approximately \$6,000.

2009 Capital – Public Works Department Capital Project Summaries

**FOREST STREET BICYCLE LANE AND PEDESTRIAN CROSSING**

**Project Description (ES 421)**

This work is being done as part of the annual water main replacement program project at this location. Sewer main replacements beneath Forest Street in 2007-08 delayed this resurfacing until 2009. When resurfacing Forest occurs, pavement markings between N. State Street and Ellis will be changed with arterial capacity being reduced to two lanes, addition of a bicycle lane, and pedestrian crossings installed in high-demand locations.



Revenues and Sources	Allocated as of 12/31/07	2008 Revised Budget	2009 Request	Total
Street Fund	-	-	550,000	550,000
<b>Estimated Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 550,000</b>	<b>\$ 550,000</b>

Expenditures and Uses	Spent as of 12/31/07	2008 Revised Budget	2009 Request	Total
Sidewalks, Paths and Trails	-	-	550,000	550,000
<b>Estimated Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 550,000</b>	<b>\$ 550,000</b>

**Estimated Impact on Operating Budget**

This project will result in increased costs for electrical energy consumption.

**2009 Capital – Public Works Department Capital Project Summaries**

INFORMATION MANAGEMENT MASTER PLAN IMPLEMENTATION				
<b>Project Description (ES 375)</b>				
Implementation of the findings from the Information Management Master Plan which will likely include: new/upgraded Maintenance Management System, information portal with web mapping, public internet mapping site, upgrades to the Tidemark system, a document management system and integration with the Cayenta financial system and new payroll system. Project costs will be spread over a five-year period.				
<b>Revenues and Sources</b>				
	<b>Allocated as of 12/31/07</b>	<b>2008 Revised Budget</b>	<b>2009 Request</b>	<b>Total</b>
Street Fund	34,580	955,415	300,000	1,289,995
<b>Subtotal</b>	<b>\$ 34,580</b>	<b>\$ 955,415</b>	<b>\$ 300,000</b>	<b>\$ 1,289,995</b>
<b>2010-2014 Estimated Need:</b>				
Street Fund \$700,000 in 2010, \$650,000 in 2011, \$260,000 in 2012.				1,610,000
<b>Estimated Total Revenues and Sources</b>				<b>\$ 2,899,995</b>
<b>Expenditures and Uses</b>				
	<b>Spent as of 12/31/07</b>	<b>2008 Revised Budget</b>	<b>2009 Request</b>	<b>Total</b>
Miscellaneous Improvements	34,580	955,415	300,000	1,289,995
<b>Subtotal</b>	<b>\$ 34,580</b>	<b>\$ 955,415</b>	<b>\$ 300,000</b>	<b>\$ 1,289,995</b>
<b>2010-2014 Estimated Need:</b>				
Miscellaneous Improvements \$700,000 in 2010, \$650,000 in 2011, \$260,000 in 2012.				1,610,000
<b>Estimated Total Expenditures and Uses</b>				<b>\$ 2,899,995</b>
<b>Estimated Impact on Operating Budget</b>				
Operating cost impact was not assessed as part of the Information Management Master Plan. A cost benefit analysis will be done as part of the implementation plan.				

**2009 Capital – Public Works Department Capital Project Summaries**

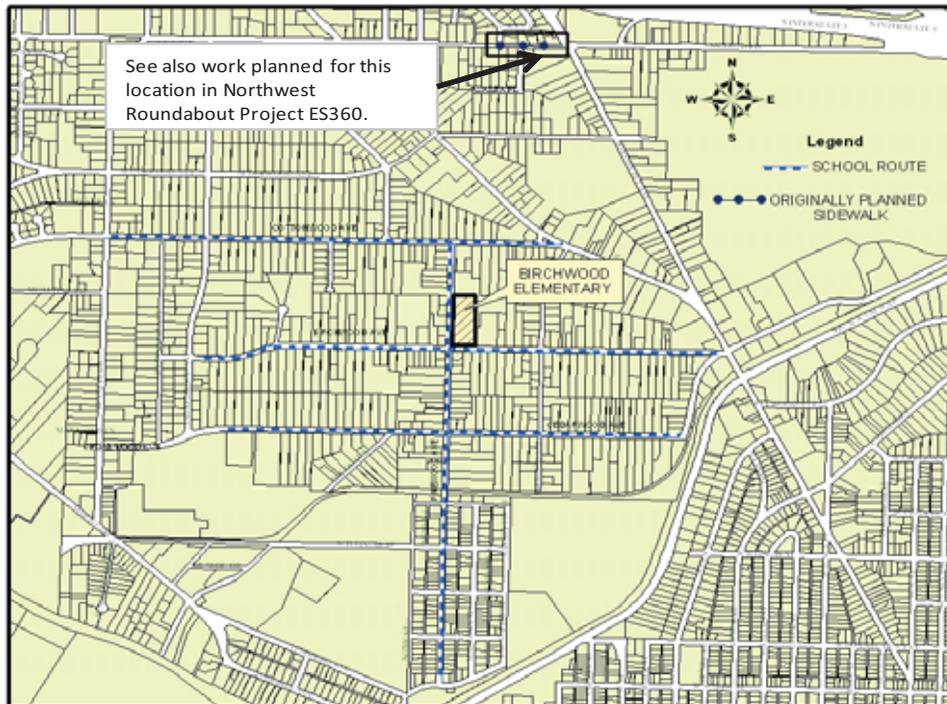
<b>PADDEN CREEK DAYLIGHTING</b>				
<b>Project Description (EV 4)</b>				
Reopen Padden Creek, decrease reliance on the tunnel for flood control and improve fish passage.				
				
Revenues and Sources	Allocated as of 12/31/07	2008 Revised Budget	2009 Request	Total
Storm and Surface Water Fund	-	404,441	300,000	704,441
<b>Subtotal</b>	<b>\$ -</b>	<b>\$ 404,441</b>	<b>\$ 300,000</b>	<b>\$ 704,441</b>
<b>2010-2014 Estimated Need:</b>				
Storm and Surface Water Fund \$200,000 per year				1,000,000
Source of funds not yet identified for 2014.				4,000,000
<b>Estimated Total Revenues and Sources</b>				<b>\$ 5,704,441</b>
Expenditures and Uses	Spent as of 12/31/07	2008 Revised Budget	2009 Request	Total
Engineering Services	-	49,441	-	49,441
Stormwater Project Construction	-	355,000	300,000	655,000
<b>Subtotal</b>	<b>\$ -</b>	<b>\$ 404,441</b>	<b>\$ 300,000</b>	<b>\$ 704,441</b>
<b>2010-2014 Estimated Need:</b>				
Stormwater Project Construction \$1,000,000 2010-2014 plus \$4,000,000 in 2014.				5,000,000
<b>Estimated Total Expenditures and Uses</b>				<b>\$ 5,704,441</b>
<b>Estimated Impact on Operating Budget</b>				
Maintenance costs should decrease during flood periods. This would remove a large potential flood liability to the City.				

**2009 Capital – Public Works Department Capital Project Summaries**

**BIRCHWOOD NEIGHBORHOOD PEDESTRIAN IMPROVEMENTS**

**Project Description (ES 420)**

Working with the Birchwood Safe Route to School team, the Birchwood Neighborhood Group, and the Bicycle/Pedestrian Advisory Committee, Public Works staff will identify, design and construct a pedestrian improvement project in the Birchwood Neighborhood. Initially planned for sidewalk on McLeod Road, the project will be coordinated with other safe route to school projects in the area.



Revenues and Sources	Allocated as of 12/31/07	2008 Revised Budget	2009 Request	Total
Street Fund	-	-	300,000	300,000
<b>Estimated Total Revenues and Sources</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 300,000</b>	<b>\$ 300,000</b>

Expenditures and Uses	Spent as of 12/31/07	2008 Revised Budget	2009 Request	Total
Traffic Control Devices	-	-	300,000	300,000
<b>Estimated Total Expenditures and Uses</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 300,000</b>	<b>\$ 300,000</b>

**Estimated Impact on Operating Budget**

Pedestrian and drainage improvements will increase maintenance costs in future years. Annual increase is approximately \$1,000.

2009 Capital – Public Works Department Capital Project Summaries

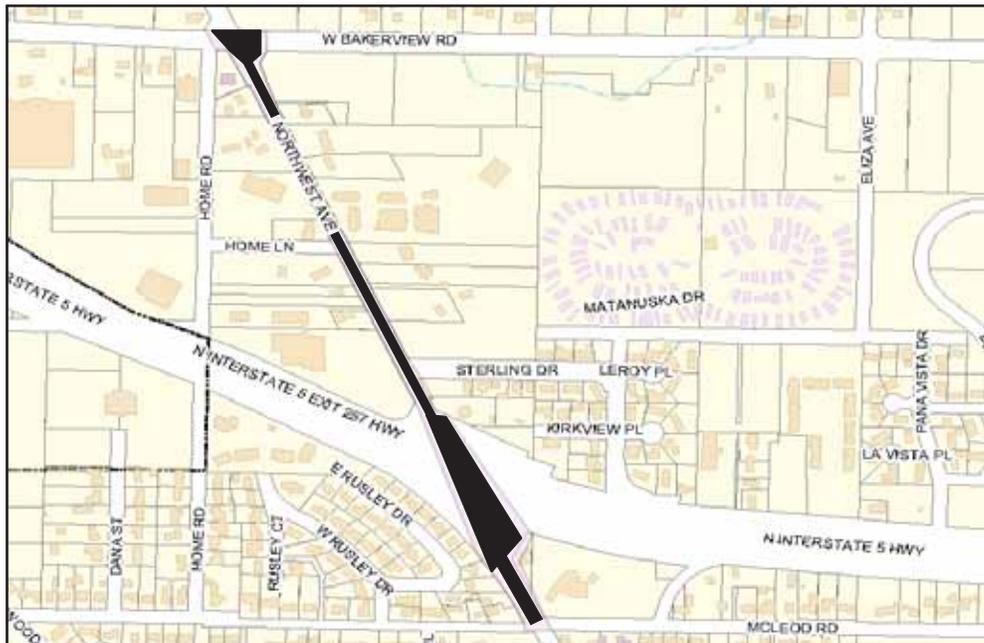
SUNSET DRIVE PHASE II WATER MAINS				
<b>Project Description (ES 236)</b>				
Extend scope of water main replacements to city limits during street construction that began in fall of 2008.				
				
<b>Revenues and Sources</b>				
	Allocated as of 12/31/07	2008 Revised Budget	2009 Request	Total
Water Fund	-	100,000	300,000	400,000
<b>Estimated Total</b>	<b>\$ -</b>	<b>\$ 100,000</b>	<b>\$ 300,000</b>	<b>\$ 400,000</b>
<b>Expenditures and Uses</b>				
	Spent as of 12/31/07	2008 Revised Budget	2009 Request	Total
Engineering Services	-	100,000	-	100,000
Water Construction Projects	-	-	300,000	300,000
<b>Estimated Total</b>	<b>\$ -</b>	<b>\$ 100,000</b>	<b>\$ 300,000</b>	<b>\$ 400,000</b>
<b>Estimated Impact on Operating Budget</b>				
This detail is not available at this time and will be determined when individual projects are identified.				

**2009 Capital – Public Works Department Capital Project Summaries**

**NORTHWEST PEDESTRIAN IMPROVEMENTS  
McLeod to Bakerview**

**Project Description (ES 315)**

This project will install sidewalks under I-5 from McLeod to Bakerview to link the Bakerview sidewalk network to the Birchwood Neighborhood sidewalk network. In addition, circulation improvements at the I-5 interchange will be undertaken to relieve congestion at peak periods. This reflects Phase I of a two-phase project.



**2009 Capital – Public Works Department Capital Project Summaries**

<b>NORTHWEST PEDESTRIAN IMPROVEMENTS (continued)</b>				
<b>McLeod to Bakerview</b>				
<b>Estimated Project Costs</b>		<b>Source</b>	<b>Amount</b>	
2006 Adopted Budget	Project design and construction.	SQET/GRANTS	500,000	
2007 Adopted Budget	Project design and construction.	STR, SQET	650,000	
2008 Adopted Budget	Roadway and street improvements.	STR	200,000	
2009 Adopted Budget	Roadway and street improvements.	STR	200,000	
<b>Estimated Project Total</b>			<b>\$ 1,550,000</b>	
<b>Revenues and Sources</b>	<b>Allocated as of 12/31/07</b>	<b>2008 Revised Budget</b>	<b>2009 Request</b>	<b>Total</b>
Street Fund	4,553	500,000	200,000	704,553
Second Quarter REET Fund	67,310	159,492	-	226,802
Federal Indirect Grants	302,000	155,548	-	457,548
State Grants	-	296,283	-	296,283
<b>Estimated Total</b>	<b>\$ 373,863</b>	<b>\$ 1,111,323</b>	<b>\$ 200,000</b>	<b>\$ 1,685,186</b>
<b>Expenditures and Uses</b>	<b>Spent as of 12/31/07</b>	<b>2008 Revised Budget</b>	<b>2009 Request</b>	<b>Total</b>
Engineering Services	373,863	911,323	-	1,285,186
Roadway and Street Improvements	-	200,000	200,000	400,000
<b>Estimated Total</b>	<b>\$ 373,863</b>	<b>\$ 1,111,323</b>	<b>\$ 200,000</b>	<b>\$ 1,685,186</b>
<b>Estimated Impact on Operating Budget</b>				
This project will result in increased operating costs for pavement and surface maintenance, storm water maintenance, illumination maintenance and electrical energy consumption. Annual operating cost increase is approximately \$9,500 per year.				

**2009 Capital – Public Works Department Capital Project Summaries**

**UNDERGROUNDING PUGET SOUND ENERGY**

**Project Description**

For the 2009 budget year, the Annual Downtown Street/Sidewalk Improvements Project has been replaced by the Power Undergrounding Project. This project includes trenching costs for the underground power lines and pavement repair work to various alleys in the downtown area. This is a joint cost sharing project with Puget Sound Energy as they proceed with upgrading and moving power facilities underground in the downtown core over the next couple of years.



**2009 Capital – Public Works Department Capital Project Summaries**

<b>UNDERGROUNDING PUGET SOUND ENERGY (continued)</b>				
<b>Revenues and Sources</b>	<b>Allocated as of 12/31/07</b>	<b>2008 Revised Budget</b>	<b>2009 Request</b>	<b>Total</b>
Street Fund	-	100,000	-	100,000
First Quarter REET Fund	-	400,000	200,000	600,000
<b>Subtotal</b>	<b>\$ -</b>	<b>\$ 500,000</b>	<b>\$ 200,000</b>	<b>\$ 700,000</b>
<b>2010-2014 Estimated Need:</b>				
First Quarter REET Fund \$100,000 per year 2010-2014.				500,000
<b>Estimated Total Revenues and Sources</b>				<b>\$ 1,200,000</b>
<b>Expenditures and Uses</b>	<b>Spent as of 12/31/07</b>	<b>2008 Revised Budget</b>	<b>2009 Request</b>	<b>Total</b>
Roadways and Streets	-	500,000	200,000	700,000
<b>Subtotal</b>	<b>\$ -</b>	<b>\$ 500,000</b>	<b>\$ 200,000</b>	<b>\$ 700,000</b>
<b>2010-2014 Estimated Need:</b>				
Roadways and Streets \$100,00 per year 2010-2014.				500,000
<b>Estimated Total Expenditures and Uses</b>				<b>\$ 1,200,000</b>
<b>Estimated Impact on Operating Budget</b>				
No change in operating costs is anticipated as a result of the 2009 power undergrounding work. In future years, the enhanced streetscape resulting from other downtown street and sidewalk projects will increase annual maintenance costs. Treewell grates, street treatments and other enhancements are more expensive to maintain or replace than standard street design. The actual value is uncertain.				

**2009 Capital – Public Works Department Capital Project Summaries**

JAMES STREET FIREFLOW UPGRADES				
Project Description				
<p>Infrastructure improvements to provide additional fire flow capacity to this service area.</p> <div style="text-align: center;">  </div>				
Revenues and Sources	Allocated as of 12/31/07	2008 Revised Budget	2009 Request	Total
Water Fund			200,000	200,000
<b>Subtotal</b>	\$ -	\$ -	<b>\$ 200,000</b>	<b>\$ 200,000</b>
<b>2010-2014 Estimated Need:</b>				
Water Fund in 2010				1,000,000
<b>Estimated Total Revenues and Sources</b>				<b>\$ 1,200,000</b>
Expenditures and Uses	Spent as of 12/31/07	2008 Revised Budget	2009 Request	Total
Water Construction Projects	-	-	200,000	200,000
<b>Subtotal</b>	\$ -	\$ -	<b>\$ 200,000</b>	<b>\$ 200,000</b>
<b>2010-2014 Estimated Need:</b>				
Water Construction Projects in 2010				1,000,000
<b>Estimated Total Expenditures and Uses</b>				<b>\$ 1,200,000</b>
Estimated Impact on Operating Budget				

**2009 Capital – Public Works Department Capital Project Summaries**

<b>LAKE WHATCOM WATER QUALITY SEWER EXTENSION</b>				
<b>Project Description</b>				
Sewer main extensions in the City's portion of the Lake Whatcom Watershed that serve existing homes still using septic systems. Project includes extending the existing sewer main on Toad Lake Road between Academy Road and E. Oregon Street.				
<b>Revenues and Sources</b>				
	<b>Allocated as of 12/31/07</b>	<b>2008 Revised Budget</b>	<b>2009 Request</b>	<b>Total</b>
Wastewater Fund	-	-	200,000	200,000
<b>Estimated Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 200,000</b>	<b>\$ 200,000</b>
<b>Expenditures and Uses</b>				
	<b>Spent as of 12/31/07</b>	<b>2008 Revised Budget</b>	<b>2009 Request</b>	<b>Total</b>
Sewer Construction Projects	-	-	200,000	200,000
<b>Estimated Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 200,000</b>	<b>\$ 200,000</b>
<b>Estimated Impact on Operating Budget</b>				
Increased operating costs associated with 1,000 linear feet of new sewer main is approximately \$3,000/year.				

**2009 Capital – Capital Facilities Plan Expenditures**

Item or Project Name	Department/ Division	Description and Justification
----------------------	-------------------------	-------------------------------

**Improvement Programs:**

Annual Sewer Main Replacement Program	PWE-Wastewater	Yearly sewer main replacements of pipes nearing the end of their lifecycle, located in various areas, to meet mandatory requirements.
Annual Water Main Replacement Program	PWE-Water	The replacement program targets water mains that are at the end of their life cycle and require upgrades. These pipes are generally cast iron, older than 75 years and may have dirty water issues and reduced fire protection. 2009 projects: Forest Street/Ellis-Rose.
Annual Storm Main Replacement Projects	PWE-Stormwater	Replacement of aging and failing stormwater systems to maintain system integrity and viability.
Annual Residential Traffic Calming (NTSP) Program	PWE-Street	Annual installation of traffic calming devices per National Transportation Safety Program.
Annual Signal Improvement Program	PWE-Street	Annual program to replace outdated hardware; construct physical improvements to increase safety and capacity of intersections.
Annual Overlay Storm Improvements	PWE-Stormwater	Storm replacements and upgrades associated with the current year street overlay program; retrofitting high priority street overlays with stormwater treatment.
Mt. Baker Theatre Capital	PW-Operations	Annual capital contribution to Mt. Baker Theatre.
<b>Total Public Works Department Capital Facilities Plan</b>		

**Public Works Department**

Estimated Impact on Operating Costs for Projects To Be Included in 2009 Budget	Prior Years Actuals Plus '08 Budget	2009	2009 Fund Allocation	2010-2014 Estimate
Replacing aging sewer mains may result in lower annual maintenance costs.		2,000,000	WASTEWATER FUND	10,000,000
Replacing aging water mains may result in lower annual maintenance costs by increasing system reliability and thus reducing incidents of failure.		1,500,000	WATER FUND	8,000,000
Replacement of aging systems may result in lower annual maintenance costs.		450,000	STORMWATER FUND	2,700,000
Structures necessary for implementing traffic calming will increase annual operating costs by approximately \$100 per year.		150,000	STREET FUND	750,000
This activity may reduce the annual costs as signals will work more reliably and use less electricity due to more energy efficient components.		125,000	STREET FUND	1,125,000
Improving storm drainage systems in conjunction with the resurfacing program may reduce maintenance costs. However, these costs are intangible and associated with system reliability.		100,000	STORMWATER FUND	1,000,000
All projects in this category will result in a cost savings. Specific projects for 2009 have not been identified at this time, so no estimated dollar amounts of savings are available.		60,000	FIRST QUARTER REET FUND*	300,000
	<b>8,611,802</b>	<b>16,520,000</b>		<b>101,640,000</b>

**2009 Capital – Public Works Department Ongoing Programs**

Several annual programs set aside money for ongoing capital updates and replacements to components of the City's infrastructure. The money set aside is not always designated for specific purposes at budget preparation time. Portions of the annual plan funds for the budget year that have been allocated to a specific project have been moved from the annual plan total for 2009 and included in the specific project. Remaining funds in the annual plan for 2009 will be designated as a result of inspection and planning activities throughout the year.

Not all annual programs described here will have capital expenditures for the budget year shown in the Improvement Programs section on the previous two pages. Information on these programs is provided for public reference only.

**Annual Pavement Resurfacing and Annual Sidewalk Replacement Programs:**

No new funding is provided in this program for the 2009 budget year due to budget reductions. Any projects completed in 2009 were previously budgeted and are funded with reappropriated money from prior year budgets.

Public Works employees visually inspect streets and sidewalks to identify and record deficiencies and maintenance needs. Each deficiency is measured by length or percent of effected surface area. Each year, half of the City's streets and sidewalks are reviewed and rated for structural condition. The inspectors base their ratings on damage from cracking and potholes in pavement and things like cracks, heaving and missing segments in sidewalks. Along with rating the condition of the surface, the age of underground utilities is also documented in each area. Staff tries to group the selected locations in a particular area whenever possible.

This information is compiled and reviewed by the Pavement and Utility Replacement Committee, a staff panel representing street maintenance, utility planning, engineering, and data services. This group analyzes the street and sidewalk data and ranks projects by comparing needs for underground utility replacement simultaneously. Consideration is also given to areas where other capital projects have been identified. By looking at this data comprehensively, considering needs for underground utility replacement along with pavement and sidewalk replacement and capital improvements, the City is able to determine which projects will be the best use of the available funds. Despite our best efforts to identify and stay on top of problem sections, weather and other environmental factors can change the results of these reports. For more information about the Overlay or Sidewalk Replacement Program, please contact Ravyn Whitewolf, Engineering Manager at 778-7900 or by email at [rwhitewolf@cob.org](mailto:rwhitewolf@cob.org).

From the same priority list, smaller projects are identified that can be repaired by Public Works Operations staff and these are completed over the course of the year in priority order. Citizens are encouraged to contact Public Works Operations at 778-7700 if they have concerns about the safety of a street or sidewalk.

**2009 Capital – Public Works Department Ongoing Programs (continued)****Bridge Program:**

No new funding is provided in this program for the 2009 budget year due to budget reductions. Any projects completed in 2009 were previously budgeted and are funded with reappropriated money from prior year budgets.

The City conducts a state-required biennial bridge inspection program that identifies bridge sufficiencies based on Federal (USDOT) guidelines. The inspections are conducted in the summer during low flows, and the final report is usually completed by the end of the year the inspections were completed. The data is used to identify repairs and rehabilitation needs for bridge and culvert structures within the City. Maintenance of routine handrail, sidewalk, bridge approaches and some surface repair is conducted by City crews. Based on the magnitude of repair needs identified in the report, more extensive crack repair and abutment work in the water is contracted out. Inspections were completed in 2007. For more information on bridge testing, contact Chad Bedlington at 778-7700; or on bridge design/construction, contact Ravyn Whitewolf at 778-7900.

**Signal Replacement Program:**

This program addresses the ongoing needs to upgrade signal equipment that has met or exceeded its useful lifecycle including replacing electronic equipment, signal poles, conduit and wiring systems and vehicle detection systems. This program also will upgrade and/or install new equipment that addresses the need to stay current with new technologies. Examples of these would be fiber optic cable, switches, signal controllers using Ethernet communications, programmable opticom detectors, and central system equipment at the traffic operations center on Pacific Street. Recent projects include Woburn Street, Sunset Drive, and Bakerview Road. Staff will continue to upgrade critical corridors throughout 2009. For more information, please contact Steve Haugen at 778-7700

**Street Light Replacement Program:**

Public Works currently maintains over 3,400 street lights of varying age and condition and many arterial streets do not have adequate lighting levels. Every two years the street lighting system is evaluated to prioritize needed improvements, to upgrade failing standards and/or fixtures or improve the lighting level on an arterial for safety. One example of improvements is the replacement of 80 arterial street light poles along Alabama Street, Cornwall Avenue and Girard Street that are rusting at the base and failing (2008 funds). For more information, please contact Steve Haugen at 778-7700.

**2009 Capital – Public Works Department Ongoing Programs (continued)**

**Annual Traffic Calming Program:**

Under the Neighborhood Traffic Safety Program, the City works closely with neighborhoods to help identify traffic problems and implement solutions that are both acceptable and appropriate for the residential streets. After each neighborhood submits their top three locations on existing residential streets, Public Works staff conducts a traffic analysis to measure and document traffic volumes, speeds, and time periods when speeding may be more prevalent. The highest scoring streets become the City's top priorities for construction of traffic calming devices. Other factors in considering project selection include available budget, project size, complexity, and compatibility with other transportation projects. Following construction of improvements, follow-up traffic counts are conducted in locations where devices were installed to determine if they have reduced speeds and/or cut-through traffic issues for those neighborhoods.

More information can be found on our website:  
<http://www.cob.org/services/neighborhoods/community-planning/transportation/index.aspx#neighborhood>

**Annual Sewer Main Replacement Program:**

The Public Works Department currently maintains over 311 miles of sewer mains that vary in size, age and condition. Each year the Pavement and Utility Replacement Committee reviews data that is collected throughout the year on these sewer mains. A replacement list is compiled using a rating system that ranks each main for replacement need based on main age, type of main, repair history, video inspection, and whether it requires monthly jetting or root cleaning by city crews. Once the list of mains has been selected the project engineer calculates which method would be best for each main replacement. There are three methods that are typically used. They are dig and replace, cured in place pipe (CIPP) and pipe bursting. The 2009 list of mains for replacement is currently being reviewed for selection, but here are some examples of projects that have been selected from the 2008 list that are currently scheduled for construction in 2009:

- Hawthorn Rd, Chuckanut to Middlefield
- Lyla Ln, Linden Rd to Willow Rd
- Willow Rd, Fieldston to Chuckanut
- Fieldston, Linden to N/o Linden
- Ellis St, Lakeway to Newell
- Lincoln, Lakeway to Meador
- Lakeway, Roland to E/o Roland
- Raymond St, Lakeway to dead end
- Riley St, Raymond to dead end
- Old Lakeway, Lakeway to Woburn
- Chuckanut, 12<sup>th</sup> St to W/o 14<sup>th</sup> St

For more information, please contact Ravyn Whitewolf, Engineering Manager, at 778-7900.

**2009 Capital – Public Works Department Ongoing Programs (continued)****Annual Water Main Replacement Program:**

Public Works currently maintains over 380 miles of water mains that vary in size, age and condition. Each year, the Pavement and Utility Replacement Committee reviews data that is collected throughout the year on these water mains. A project list is compiled using points that are assigned to each main based on main age, type of main, repair history, customer water quality complaints, location in relation to similar projects, and whether or not the water main is in areas known to require additional flushing during the annual hydrant flushing program. Scheduled for the 2009 replacement project is the water main on Forest Street from Rose to Ellis Street. This project will require the installation of 3,400 feet of new 12” ductile iron main that will replace the existing 1920 6 and 8 inch cast iron main. For more information, please contact Ravyn Whitewolf at 778-7900 or Geoffrey Smyth at 778-7700.

**Annual Storm Main Replacement Program:**

The Public Works Department currently maintains over 315 miles of storm mains that vary in size, age and condition. Contiguous to these storm main sections are catch basin, inlet, and manhole structures which are typically visually inspected and maintained once every five years by Public Works maintenance crews. In addition to the visual inspections, Public Works evaluates storm drains using a camera to inspect the integrity of the system and to provide recommendations for capital replacements. Camera inspections are also conducted on all portions of the system that are located in streets identified for asphalt overlay. Repairs, if needed, are completed whenever possible prior to resurfacing the street.

As a result of these inspections, a replacement list of deteriorating portions of the stormwater conveyance system is being developed and is reviewed by the Pavement and Utility Replacement Committee to determine which mains can be replaced within the annual budget for this activity. All attempts are made during this evaluation process to evaluate cost benefits of replacing mains prior to asphalt overlay, and to coordinate replacement of other adjacent public works utilities if located within the same right-of-way.

For more information on storm inspections, contact Chad Bedlington at 778-7700, for information relating to the construction of the replacement project, contact Ravyn Whitewolf at 778-7900.

**Mount Baker Theatre Capital**

The City has committed to make an annual contribution of \$60,000 toward capital improvements at the Mount Baker Theatre.

**Capital Budget****2009 Capital –Capital Equipment Purchases**

Item or Project Name	Department/ Division	Description and Justification
----------------------	-------------------------	-------------------------------

**FIRE DEPARTMENT****EQUIPMENT PURCHASES**

Medic Unit	Fire-Ambulance	Must purchase new medic unit to replace unit that has been rechassised at least once before.
Dispatcher Consoles	Fire	Replace six (6) dispatch consoles, improving ergonomics, space for new dispatch electronic equipment/video screens, and other specialized electronic equipment related to radio system improvements.
Voice Logging Recorder	Fire	Logging recorder to record emergency phone calls and radio transmissions to replace current voice recorder that is obsolete and at the end of its useful life.
Pickup/Utility Unit	Fire-Ambulance	Replace van with pickup utility unit that will be set up the same as the 24 hour EMS supervisor. Provides backup 24 hour unit for county-wide EMS operation (request includes \$20,000 for make-ready costs).
<b>Total Fire Department Equipment Purchases</b>		

**POLICE DEPARTMENT****EQUIPMENT PURCHASES**

Fleet Addition Patrol Vehicle	Police	Addition of Police patrol vehicle to be reimbursed by Criminal Justice Fund.
Night Vision Scopes	Police	Equipment needed for use in tactical operations.
Undercover Vehicles	Police	Anticipated replacement of three undercover vehicles.
Thermal Imagers	Police	Equipment needed for nighttime use by K-9 teams during searches.
<b>Total Police Department Equipment Purchases</b>		

**Fire and Police Departments - Capital Equipment**

Estimated Impact on Operating Costs for Projects To Be Included in 2009 Budget	Prior Years Actuals Plus '08 Budget	2009	2009 Fund Allocation	2010-2014 Estimate
--	-------------------------------------	------	----------------------	--------------------

Reduced ongoing maintenance costs		146,232	MEDIC ONE FUND	158,165
Decreased maintenance cost.		96,000	PUBLIC SAFETY DISPATCH FUND	
None.		30,000	PUBLIC SAFETY DISPATCH FUND	
Reduced ongoing maintenance costs.		30,000	MEDIC ONE FUND	
		<b>302,232</b>		<b>158,165</b>

Normal fleet replacement costs will be applied.		41,000	GENERAL FUND	
None.		21,000	GENERAL FUND	
Ongoing costs for maintenance and fuel only. No fleet replacement charges.	18,000	18,000	ASSET FORFEITURE/ DRUG ENFORCEMENT FUND	72,000
None.		11,000	GENERAL FUND	22,000
	<b>18,000</b>	<b>91,000</b>		<b>94,000</b>

**2009 Capital – Capital Equipment Purchases (continued)**

Item or Project Name	Department/ Division	Description and Justification
----------------------	-------------------------	-------------------------------

**PLANNING DEPARTMENT**

**EQUIPMENT PURCHASES**

Electronic Plan Submission Software.	Planning-Dev Svcs	Allows customers to submit plans for permitting via the web. Ties into existing InspecTrak system. In 2009 the vendor will provide additional system administration, user training, e-forms and workflows.
<b>Total Planning Department Equipment Purchases</b>		

**INFORMATION TECHNOLOGY SERVICES DEPARTMENT**

**EQUIPMENT PURCHASES**

Network Infrastructure Replacements 2009	ITSD	Replacement for oldest equipment at end of life. 2009 specifics include \$125,000 for server replacements and migration to virtual server environment, \$245,000 for replacement of three core network switches purchased in 2001-2003.
Computer Applications - High Priority 2009	ITSD	Highest priority applications.
Enterprise Document Management System	ITSD	Multi-year project with Public Works. Purchase system to consolidate and manage documents through the records lifecycle and in accordance with retention requirements; includes support of large format documents. Cost shown is 50% of total costs. Public works to fund remaining 50% of project expenditures.
Museum Software	ITSD	New Museum software for admission, point of sale, facility booking, program registrations, and membership tracking.
Public Works Hardware	ITSD	\$50,000 network attached storage; \$40,000 server replacement.
<b>Total IT Services Department Equipment Purchases</b>		

**Planning and IT Services Departments - Capital Equipment**

Estimated Impact on Operating Costs for Projects To Be Included in 2009 Budget	Prior Years Actuals Plus '08 Budget	2009	2009 Fund Allocation	2010-2014 Estimate
--	-------------------------------------	------	----------------------	--------------------

Estimated annual maintenance is \$12,000 per year. Cost savings will result from from a reduction in the amount of paper used and reduced need for archiving.	150,109	59,500	DEVELOPMENT SERVICES FUND	
	<b>150,109</b>	<b>59,500</b>		

None. Not on maintenance contract.		370,000	TECHNOLOGY REPLACEMENT AND RESERVE FUND	
Impact on operating costs varies by type of application or system.		150,000	TECHNOLOGY REPLACEMENT AND RESERVE FUND	
Increase in software maintenance costs estimated at \$15,000-\$35,000 per year. Additional hardware would be purchased and then incorporated into replacement cycles.		150,000	TECHNOLOGY REPLACEMENT AND RESERVE FUND	150,000
Estimated \$20,000 per year plus equipment will need to be added to replacement cycles.		95,000	TECHNOLOGY REPLACEMENT AND RESERVE FUND	
None. Not on maintenance contract.		90,000	TECHNOLOGY REPLACEMENT AND RESERVE FUND	
		<b>855,000</b>		<b>150,000</b>

## Capital Facilities Plan (continued)

CAPITAL FACILITIES PLAN	Fund Source	Cost in Thousands					
		2009	2010	2011	2012	2013	2014
<b>PUBLIC WORKS - STREETS</b>							
James Street Road Multi-Modal Improvements	SQET, STR	-	-	500	500	750	-
San Juan Boulevard Phase I	STR	-	500	-	-	-	-
San Juan Boulevard Phase II	STR	-	-	-	-	50	50
Carolina Street Pedestrian Improvements	SQET	-	-	550	-	-	-
Nevada Street Pedestrian Improvements	SQET	-	-	-	-	550	-
Bill McDonald/25th Intersection & Pedestrian Improvements	SQET/ISR	-	525	-	-	-	-
Annual Pedestrian Crosswalk Enhancements-Future sites TBD	STR	-	-	-	50	50	50
Annual Pedestrian Crosswalk Enhancements-2010-11 vicinity of Alabama/Grant	STR	-	50	50	-	-	-
<b>Total Funded</b>		<b>11,810</b>	<b>3,560</b>	<b>3,468</b>	<b>3,101</b>	<b>3,834</b>	<b>2,719</b>
<b>Unfunded Items</b>							
Birchwood-James St. Road Multimodal Corridor & Trail	UF	-	-	-	-	-	4,000
James Street Road Multi-Modal Improvements	UF	-	-	-	2,500	3,000	-
San Juan Boulevard Phase II	UF	-	-	-	-	-	4,900
Lincoln Creek Multimodal Transportation Center	UF	-	-	-	-	6,250	-
Bellingham Waterfront Railroad Track Mainline Relocation	UF	-	-	-	-	12,500	-
Northwest/McLeod Phase II Roundabout	UF	-	-	-	790	-	-
		-	-	-	-	-	-
<b>Total Unfunded</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>3,290</b>	<b>21,750</b>	<b>8,900</b>
<b>TOTAL PUBLIC WORKS - STREETS</b>		<b>11,810</b>	<b>3,560</b>	<b>3,468</b>	<b>6,391</b>	<b>25,584</b>	<b>11,619</b>

Expenditures for 2009 are authorized after budget adoption by the City Council. Expenditures identified for years beyond 2009 are included for information and review of potential future needs. Their inclusion is not a request for approval or budget authorization.

## Capital Budget

### Capital Facilities Plan (continued)

CAPITAL FACILITIES PLAN	Fund Source	Cost in Thousands					
		2009	2010	2011	2012	2013	2014
<b>PUBLIC WORKS - WATER</b>							
<b>Funded Items</b>							
Water Comprehensive Plan 2009 Projects (2008 bond proceeds)	WF	2,000	2,000	-	-	-	-
Annual Water Main Replacement Program	WF	1,500	600	2,600	1,600	1,600	1,600
Sunset Drive, Phase 2 Water Mains	WF	300	-	-	-	-	-
James Street Fireflow Upgrades	WF	200	1,000	-	-	-	-
Watershed Land Acquisitions	WF	3,795	1,000	1,000	1,000	1,000	1,000
Kearney Rd Booster Pump Station	WF	-	450	-	-	-	-
King Mt Reservoir (Cordata)	WF/ BOND	-	-	-	450	-	6,000
Mt Baker Hwy Replacement Phase II	WF	-	-	100	400	400	-
Hydraulic Modeling	WF	-	100	-	-	-	-
Water Metering City-Wide project (BOND)	WF/ BOND	-	-	2,000	2,000	2,000	3,000
<b>Total Funded</b>		<b>7,795</b>	<b>5,150</b>	<b>5,700</b>	<b>5,450</b>	<b>5,000</b>	<b>11,600</b>
<b>Unfunded Items</b>							
Nooksack Diversion Passage	UF/ BOND	-	-	-	-	-	10,000
<b>Total Unfunded</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>10,000</b>
<b>TOTAL PUBLIC WORKS - WATER</b>		<b>7,795</b>	<b>5,150</b>	<b>5,700</b>	<b>5,450</b>	<b>5,000</b>	<b>21,600</b>

Expenditures for 2009 are authorized after budget adoption by the City Council. Expenditures identified for years beyond 2009 are included for information and review of potential future needs. Their inclusion is not a request for approval or budget authorization.

**Capital Facilities Plan (continued)**

CAPITAL FACILITIES PLAN	Fund Source	Cost in Thousands					
		2009	2010	2011	2012	2013	2014
<b>PUBLIC WORKS - WASTEWATER</b>							
<b>Funded Items</b>							
Annual Sewer Main Replacement Program	WWF	2,000	2,000	2,000	2,000	2,000	2,000
WWTP Facility Construction/Expansion	WWF/ BOND	2,000	10,000	20,000	20,000	-	-
Waterfront Redevelopment Capital Activities-PWE Wastewater	WWF	1,000	-	-	-	-	-
Lake Whatcom Water Quality (LWWQ) Sewer Extension	WWF	200	-	-	-	-	-
Flow Monitoring Stations	WWF	-	100	100	-	-	-
Annual Sewer Conveyance Upgrades (formerly Annual Trunk Main Upgrades)	WWF/ BOND	-	5,000	10,000	-	-	-
<b>Total Funded</b>		<b>5,200</b>	<b>17,100</b>	<b>32,100</b>	<b>22,000</b>	<b>2,000</b>	<b>2,000</b>
<b>TOTAL PUBLIC WORKS - WASTEWATER</b>		<b>5,200</b>	<b>17,100</b>	<b>32,100</b>	<b>22,000</b>	<b>2,000</b>	<b>2,000</b>

*Expenditures for 2009 are authorized after budget adoption by the City Council. Expenditures identified for years beyond 2009 are included for information and review of potential future needs. Their inclusion is not a request for approval or budget authorization.*

## Capital Budget

### Capital Facilities Plan (continued)

CAPITAL FACILITIES PLAN	Fund Source	Cost in Thousands					
		2009	2010	2011	2012	2013	2014

#### PUBLIC WORKS - STORMWATER

Funded Items							
Annual Storm Main Replacement Projects	SWUF	450	500	550	550	550	550
Padden Creek Daylighting	SWUF	300	200	200	200	200	200
Fish Passage Improvements	SWUF	250	250	250	250	250	250
Lake Whatcom Water Quality Retrofit	SWUF	150	-	-	-	-	-
Annual Overlay Storm Improvements	SWUF	100	200	200	200	200	200
Lake Whatcom Water Quality/Total Maximum Daily Load (TMDL) Alternative Analysis	SWUF	100	-	-	-	-	-
Residential Water Quality Retrofits	SWUF	50	50	50	50	50	50
Waterfront Redevelopment Capital Activities-PWE Stormwater	SWUF	50	-	-	-	-	-
Lake Whatcom Water Quality Improvements-TMDL Action Plans	SWUF	-	100	100	100	100	100
City-wide Storm Retrofits	SWUF	-	250	250	250	250	250
<b>Total Funded</b>		<b>1,450</b>	<b>1,550</b>	<b>1,600</b>	<b>1,600</b>	<b>1,600</b>	<b>1,600</b>

Unfunded Items							
Padden Creek Daylighting	UF	-	-	-	-	-	4,000
<b>Total Unfunded</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,000</b>
<b>TOTAL PUBLIC WORKS - STORM</b>		<b>1,450</b>	<b>1,550</b>	<b>1,600</b>	<b>1,600</b>	<b>1,600</b>	<b>5,600</b>

#### PUBLIC WORKS - FACILITIES

Funded Items							
Mt. Baker Theatre Capital	FQET	60	60	60	60	60	60
<b>Total Funded</b>		<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>
<b>TOTAL PUBLIC WORKS - FACILITIES</b>		<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>

Expenditures for 2009 are authorized after budget adoption by the City Council. Expenditures identified for years beyond 2009 are included for information and review of potential future needs. Their inclusion is not a request for approval or budget authorization.

**Capital Facilities Plan (continued)**

CAPITAL FACILITIES PLAN	Fund Source	Cost in Thousands					
		2009	2010	2011	2012	2013	2014
<b>PUBLIC WORKS - OPERATIONS</b>							
<b>Funded Items</b>							
Information Management Master Plan Implementation	STR	300	700	650	260	-	-
Security Improvements for Water System	WF	100	185	100	-	-	-
Security Improvements for Wastewater System	WWF	100	-	-	-	-	-
Elevation Control Upgrade	STR	50	50	30	-	-	-
Aerial Photography	STR	-	-	80	-	-	90
<b>Total Funded</b>		<b>550</b>	<b>935</b>	<b>860</b>	<b>260</b>	<b>-</b>	<b>90</b>
<b>TOTAL PUBLIC WORKS - OPERATIONS</b>		<b>550</b>	<b>935</b>	<b>860</b>	<b>260</b>	<b>-</b>	<b>90</b>

*Expenditures for 2009 are authorized after budget adoption by the City Council. Expenditures identified for years beyond 2009 are included for information and review of potential future needs. Their inclusion is not a request for approval or budget authorization.*