

RESOLUTION NO. 12-810

A RESOLUTION OF THE CITY COUNCIL OF THE CITY  
OF BLACK DIAMOND, KING COUNTY WASHINGTON,  
ADOPTING A CAPITAL IMPROVEMENT PLAN FOR  
THE YEARS 2013-2018

**WHEREAS**, the City of Black Diamond is required by State law and Chapter 3.60 of the Black Diamond Municipal Code to prepare and adopt a multi-year plan, updated annually, that contains the City's future Capital Improvement Projects and the recommended methods of funding those projects; and

**WHEREAS**, the City's Capital Improvements Plan has been updated to address the current capital facilities needs and priorities of the City for the years 2013-2018; and

**WHEREAS**, the City Council of the City of Black Diamond held a public hearing on the proposed 2013-2018 Capital Improvement Plan on June 7, 2012;

**NOW, THEREFORE THE CITY COUNCIL OF THE CITY OF BLACK DIAMOND HEREBY RESOLVES AS FOLLOWS:**

**Section 1.** The City Council does hereby approve the 2013 – 2018 Capital Improvements Plan, a copy of which is attached as Exhibit "A" and incorporated herein by reference.

ADOPTED by the City Council at an open meeting on the 21st day of June, 2012.



Rebecca Olness, Mayor

Attest:



Brenda L. Martinez, City Clerk



City of Black Diamond

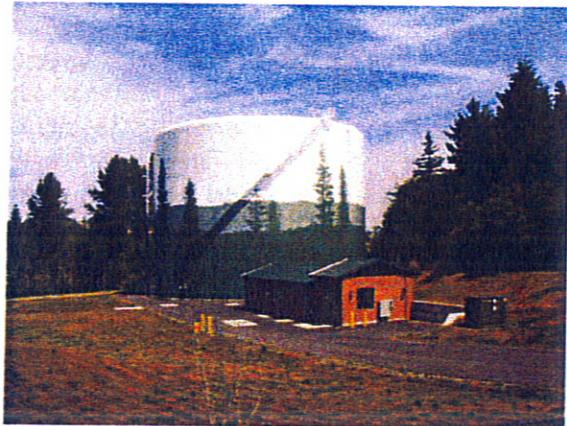
2013 – 2018

# Capital Improvement Plan

## *FINAL DRAFT*



*Old water tank in Black Diamond – photo from King County Assessors and provided by Palmer Coking Coal Company.*



*4.3 MG Water Reservoir*

June 21, 2012

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## Overview of the Capital Improvement Plan

### What is the Capital Improvement Plan?

The Capital Improvement Plan (CIP) is a document that lays out a six-year road map identifying present and future capital and infrastructure needs for the City. Generally speaking, capital improvements are expensive and some projects cover multiple years, so carefully planning and managing Black Diamond's capital projects together is an important part of city management. For citizens, it is an investment in the future of our community.

Because the CIP is a plan rather than a budget, actual authorization for capital project spending for the upcoming year occurs when City Council adopts the Annual Budget in December.

Having the long range capital plan completed before the annual operating budget is developed helps management better incorporate both short and long term planning.

This CIP document contains the major public facility improvements that will be implemented over the next six fiscal years. The projects are consistent with City Council priorities and address the needs for the acquisition, rehabilitation, and expansion of the City's infrastructure and capital assets. Identifying capital projects and their anticipated funding sources assists in the planning and scheduling of finances for projects and the manpower needed to plan, design and construct the projects.

Capital Projects are listed in the CIP by number, according to each major program area. For each project there is an estimated start and completion date that has been projected by the city department in charge of the improvement. The CIP also defines the total cost of the project and the amount allocated to the project for each year of the plan. Examples of projects in Black Diamond's six-year CIP include street rehabilitation, water projects, wastewater facilities, park improvements, a fire station and equipment, police capital needs, and public building construction and improvement. Land purchases are also included in CIP planning since land is considered a capital asset.

### How are projects in the Capital Improvement Plan paid for?

The CIP process involves balancing desired capital improvements that compete for scarce financial resources. Generally, funding for capital improvements is provided through Real Estate Excise Tax revenue (REET), capital reserves, public trust fund loans, grants, impact fees and developer funding.

Real estate excise taxes (REET) are collected from property sales within the city limits and are earmarked specifically for capital projects. However in order to spend that money, a jurisdiction must have the project identified in a Capital Improvement Plan. So not only is the CIP a great overall planning tool for the City, it is also required in order to access REET monies.

Additionally, historical documentation of need is usually required when applying for grants. This need is documented in the CIP, as some projects get 'pushed out' from one year to the next due to lack of adequate funding.

Since 2007 property sales and prices have dropped in Black Diamond. This has reduced the REET funds available for capital improvements quite dramatically, causing more projects to be delayed in the plan.

## Types of Capital Projects

Capital projects are essential to the delivery of many of Black Diamond's core services. The capital projects in each major department are described below.

- Transportation The road system in Black Diamond is a vital infrastructure to city residents, visitors and commuters. This infrastructure includes roads, bridges, bike lanes and sidewalks. The responsibility for the funding and construction of transportation infrastructure is usually shared with developers in the form of impact fees, as new development has need for additional transportation improvements. A good deal of funding for street improvement comes from Real Estate Excise Taxes.
- Parks and Recreation There are regional and local parks in Black Diamond as well as bike and hiking trails, a skate park and a BMX Course. Outdoor enthusiasts choose to live in Black Diamond for the natural beauty of the surroundings and sporting opportunities. Park improvements are primarily financed by real estate excise taxes, grants and developer contributions.
- Utilities The City provides water, sewer and stormwater utility services to residents and businesses. Capital Facilities include sewer treatment facilities, transmission systems and storm water detention facilities. Developers contribute to these projects, as growth requires infrastructure expansion. Capital reserves, grants, loans and Real Estate Excise Taxes also provide funding for utilities in Black Diamond.
- Public Safety Capital facilities and equipment are required to deliver core City services of Police and Fire. These facilities include the fire and police stations, vehicles and major equipment. Funding for these capital projects largely comes from Real Estate Excise Taxes and reserves.
- General Capital The City is responsible for funding the construction and maintenance of city buildings and facilities. Included are technological capital projects that provide better services and communication at the City. These capital costs are largely funded through Real Estate Excise Taxes.

### **Growth Management Act and Land Use Policies**

Comprehensive planning is required in Washington State since the Growth Management Act (GMA) was adopted by the legislature in 1990. The objective of the Act is to limit sprawl, protect sensitive areas and promote efficient and effective delivery of public services by concentrating population, industry and public services in urban areas. The City is anticipating two development areas in Black Diamond, The Villages and Lawson Hills. These planned developments have a huge impact on the City's Capital Improvement Program, as up to 6,000 new homes may be built eventually in those new neighborhoods.

### **Level of Service**

The number and type of capital facilities needed to serve Black Diamond is directly related to the level of public service provided. The level of service is established by City Council and the City's Comprehensive Plan.

### **Maintenance and Funding Constraints**

Once completed and placed in service, capital facilities must be maintained. Funding for the maintenance of capital projects for City Utilities are funded with user fees in the respective operating budgets. Maintenance funding for projects are funded through current operations, not the capital budget. For that reason the availability of funding for future maintenance must be considered when preparing the capital budget.

### **Development and Approval Process**

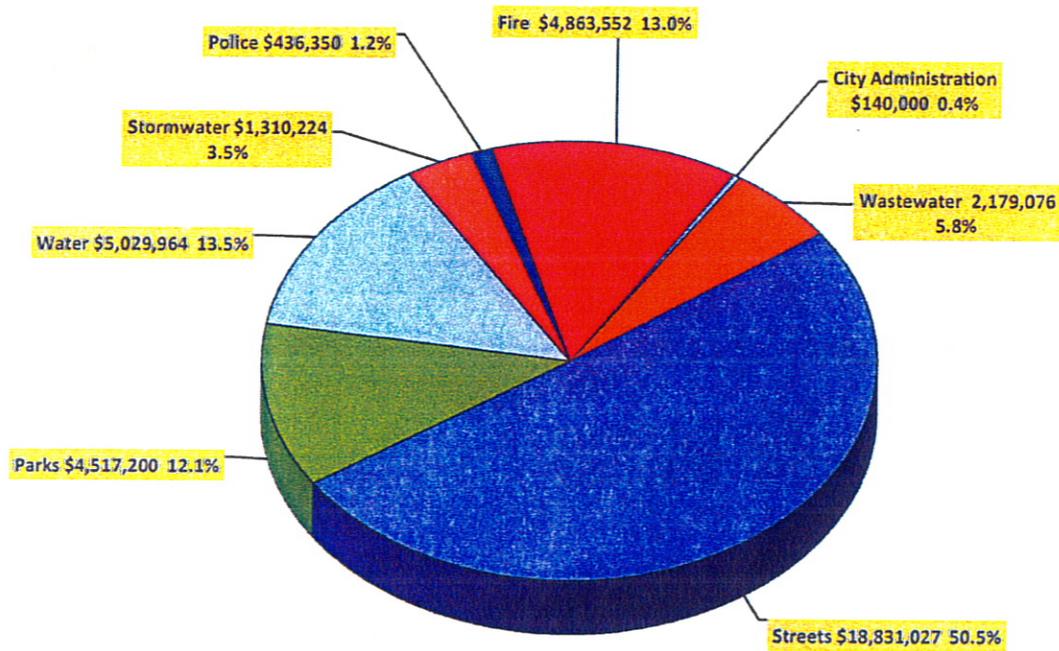
The Capital Improvement Plan is updated annually. Each year individual projects are submitted by department directors. They use a template provided by Finance staff. These requests include an update of current projects and projections on new projects and anticipated costs. Each project must have specific funding sources identified. The Mayor, Finance Director and management meet to balance projects to available funding. After several Council Committee meetings, workstudy sessions, a public hearing, then the proposed plan is brought before Council for approval.

# Total Summary by Department

## Capital Improvement Plan 2013 - 2018

Departments	Total \$ Project 2013 - 2018	2013	2014	2015	2016	2017	2018
Street Department	18,831,027	810,000	810,000	2,955,000	1,455,000	5,940,000	6,861,027
Water Department	5,029,964	415,000	1,975,000	1,825,000		100,000	714,964
Wastewater Department	2,179,076	30,000	80,000	280,000	380,000	1,320,000	89,076
Stormwater Department	1,310,224		80,000	820,000	298,420	48,420	63,384
Parks and Recreation	4,517,200	404,200	39,000	231,000	186,000	481,000	3,176,000
Police Department	436,350	102,900	66,350	63,100	69,200	66,600	68,200
Fire Department	4,863,552	390,000	30,552	630,552	212,492	452,492	3,147,464
Administration and Facilities	140,000	20,000	40,000	20,000	20,000	20,000	20,000
<b>TOTAL Project COSTS</b>	<b>37,307,393</b>	<b>2,172,100</b>	<b>3,120,902</b>	<b>6,824,652</b>	<b>2,621,112</b>	<b>8,428,512</b>	<b>14,140,115</b>
<b>Less Payments on Debt</b>	<b>(665,443)</b>	<b>(41,600)</b>	<b>(30,552)</b>	<b>(30,552)</b>	<b>(135,912)</b>	<b>(135,912)</b>	<b>(290,915)</b>
<b>TOTAL Projects</b>	<b>\$ 36,641,950</b>	<b>\$ 2,130,500</b>	<b>\$ 3,090,350</b>	<b>\$ 6,794,100</b>	<b>\$ 2,485,200</b>	<b>\$ 8,292,600</b>	<b>\$ 13,849,200</b>

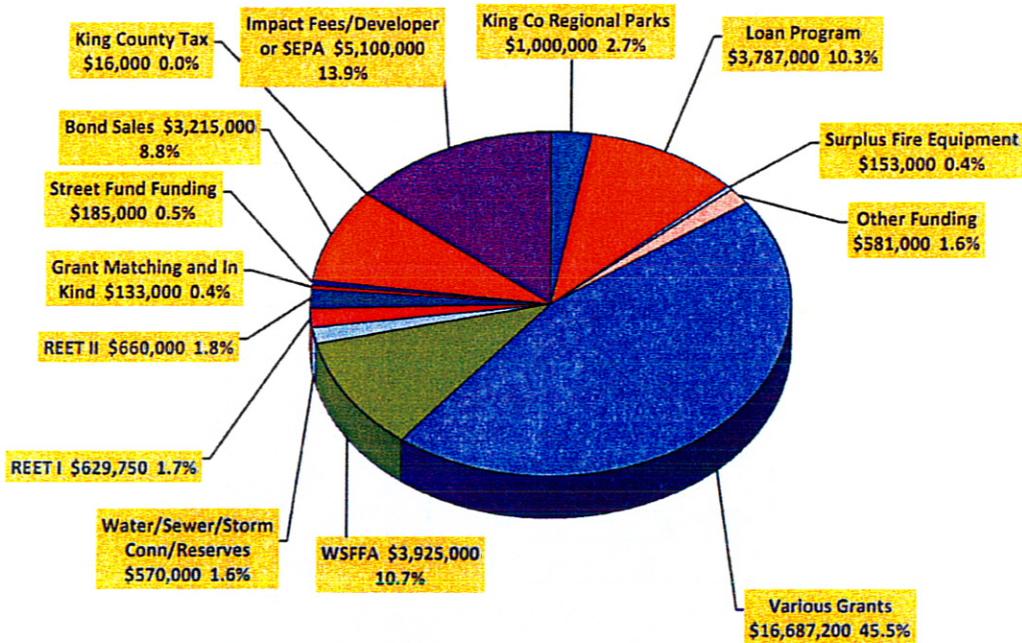
Total CIP with debt payments: \$37,307,393



## CIP All Funds Revenue Summary Capital Improvement Plan 2013 - 2018

REQUESTED FUNDING	Total \$ Project	2013	2014	2015	2016	2017	2018
Various Grants	16,687,200	612,200	320,000	2,630,000	1,255,000	4,770,000	7,100,000
WSFFA	3,925,000	225,000	1,875,000	1,025,000		100,000	700,000
Water/Sewer/Storm Conn/Reserves	570,000	30,000	65,000	60,000	280,000	80,000	55,000
REET I	629,750	91,300	116,350	93,100	99,200	116,600	113,200
REET II	660,000	120,000	100,000	110,000	120,000	140,000	70,000
Grant Matching and In Kind	133,000	73,000	40,000			20,000	
Street Fund Funding	185,000	30,000	35,000	30,000	30,000	30,000	30,000
Bond Sales	3,215,000				125,000	140,000	2,950,000
King County Tax	16,000	8,000	8,000				
Impact Fees/Developer or SEPA	5,100,000	550,000	430,000	1,595,000	480,000	550,000	1,495,000
King Co Regional Parks	1,000,000						1,000,000
Loan Program	3,787,000	240,000	100,000	1,250,000	20,000	2,095,000	82,000
Surplus Fire Equipment	153,000	150,000					3,000
Other Funding	581,000	1,000	1,000	1,000	76,000	251,000	251,000
<b>TOTAL SOURCES</b>	<b>36,641,950</b>	<b>2,130,500</b>	<b>3,090,350</b>	<b>6,794,100</b>	<b>2,485,200</b>	<b>8,292,600</b>	<b>13,849,200</b>

Total: \$36,641,950



### Non Capital Operating Costs

	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Trails Improvement Project - Salaries	20,000					10,000	10,000
City Wide Tech Maint. & Subscriptions	199,470	33,245	33,245	33,245	33,245	33,245	33,245
All Payments for Capital Loans	665,443	41,600	30,552	30,552	135,912	135,912	290,915
<b>Total Non Capital Operating Costs</b>	<b>884,913</b>	<b>33,245</b>	<b>33,245</b>	<b>33,245</b>	<b>33,245</b>	<b>43,245</b>	<b>43,245</b>

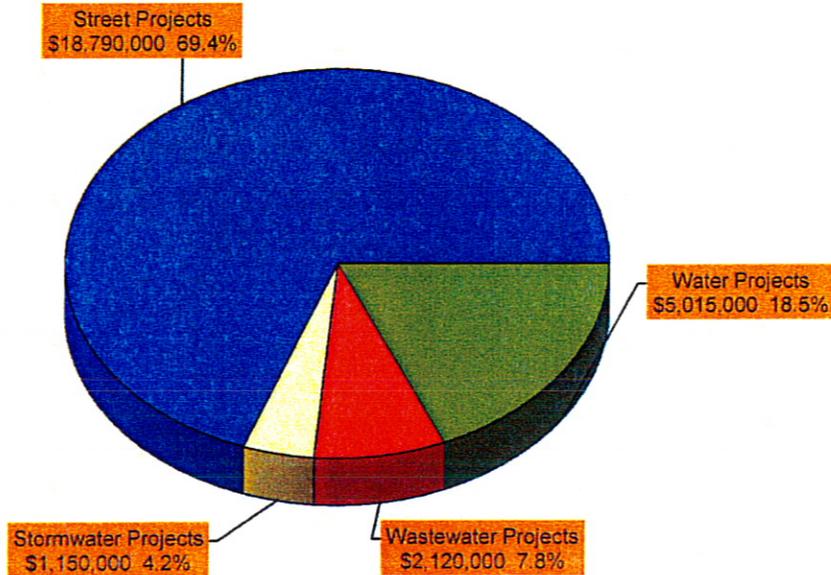
**CIP Public Works Summary of Projects**  
**Capital Improvement Plan 2013 - 2018**

	Total \$ Project 2013 - 2018	2013	2014	2015	2016	2017	2018
<b>STREET PROJECTS</b>							
T1 General Street Improvement	180,000	30,000	30,000	30,000	30,000	30,000	30,000
T2 SE 288th Street Overlay	150,000	150,000					
T3 Roberts Drive/State Rt 169 Roundabout	3,430,000	550,000	600,000	2,280,000			
T4 Morganville Intersection Improvements	100,000	40,000	60,000				
T5 Grant Matching Fund	240,000	40,000	40,000	40,000	40,000	40,000	40,000
T6 Rock Creek Bridge	510,000		80,000	430,000			
T7 Lawson Street Sidewalk	850,000			105,000	745,000		
T8 Roberts Drive Reconstruction	5,660,000			70,000	440,000	5,150,000	
T9 Pacific Street Neighborhood Improvements	420,000					70,000	350,000
T10 SR169 Widening at Lawson & Baker St.	1,550,000					350,000	1,200,000
T11 SR 169 Gateway Corridor Improvement	5,700,000				200,000	300,000	5,200,000
<b>STREET PROJECTS</b>	<b>18,790,000</b>	<b>810,000</b>	<b>810,000</b>	<b>2,955,000</b>	<b>1,455,000</b>	<b>5,940,000</b>	<b>6,820,000</b>
<b>WATER PROJECTS</b>							
W1 Springs and River Crossing Rehab Project	3,125,000	225,000	1,875,000	1,025,000			
W2 Reservoir Maintenance and Painting	115,000	15,000	100,000				
W3 5th Avenue Water Main Replacement	175,000	175,000					
W4 Fire Flow Loop to North Commercial Area	800,000			800,000			
W5 Springs Transmission Main Repl Phase I	800,000					100,000	700,000
<b>WATER PROJECTS</b>	<b>5,015,000</b>	<b>415,000</b>	<b>1,975,000</b>	<b>1,825,000</b>		<b>100,000</b>	<b>700,000</b>
<b>WASTEWATER PROJECTS</b>							
S1 Infiltration and Inflow Reduction Plan	180,000	30,000	30,000	30,000	30,000	30,000	30,000
S2 West BD Wastewater Lift Station Improv	360,000		30,000	250,000	80,000		
S3 Morganville Force Main Reroute	460,000				20,000	440,000	
S4 Cedarbrook Sewer Main	250,000				250,000		
S5 Public Works Facilities and Equipment	870,000		20,000			850,000	
<b>WASTEWATER PROJECTS</b>	<b>2,120,000</b>	<b>30,000</b>	<b>80,000</b>	<b>280,000</b>	<b>380,000</b>	<b>1,320,000</b>	<b>30,000</b>
<b>STORMWATER PROJECTS</b>							
D1 Lake Sawyer Road Culvert and Guardrail	320,000			70,000	250,000		
D2 Ginder Creek Stormwater Treatment Pond	830,000		80,000	750,000			
<b>STORMWATER PROJECTS</b>	<b>1,150,000</b>		<b>80,000</b>	<b>820,000</b>	<b>250,000</b>		
<b>TOTAL PUBLIC WORKS CAPITAL PROJECTS</b>	<b>27,075,000</b>	<b>1,255,000</b>	<b>2,945,000</b>	<b>5,880,000</b>	<b>2,085,000</b>	<b>7,360,000</b>	<b>7,550,000</b>

## Public Works Department Summary Capital Improvement Plan 2013 - 2018

Departments	Total \$ Project 2013 - 2018	2013	2014	2015	2016	2017	2018
Street Projects	18,790,000	810,000	810,000	2,955,000	1,455,000	5,940,000	6,820,000
Water Projects	5,015,000	415,000	1,975,000	1,825,000		100,000	700,000
Wastewater Projects	2,120,000	30,000	80,000	280,000	380,000	1,320,000	30,000
Stormwater Projects	1,150,000		80,000	820,000	250,000		
<b>TOTAL Project COSTS</b>	<b>\$ 27,075,000</b>	<b>\$1,255,000</b>	<b>\$2,945,000</b>	<b>\$5,880,000</b>	<b>\$2,085,000</b>	<b>\$7,360,000</b>	<b>\$7,550,000</b>

**Public Works CIP by Department**  
Total: \$ 27,075,000

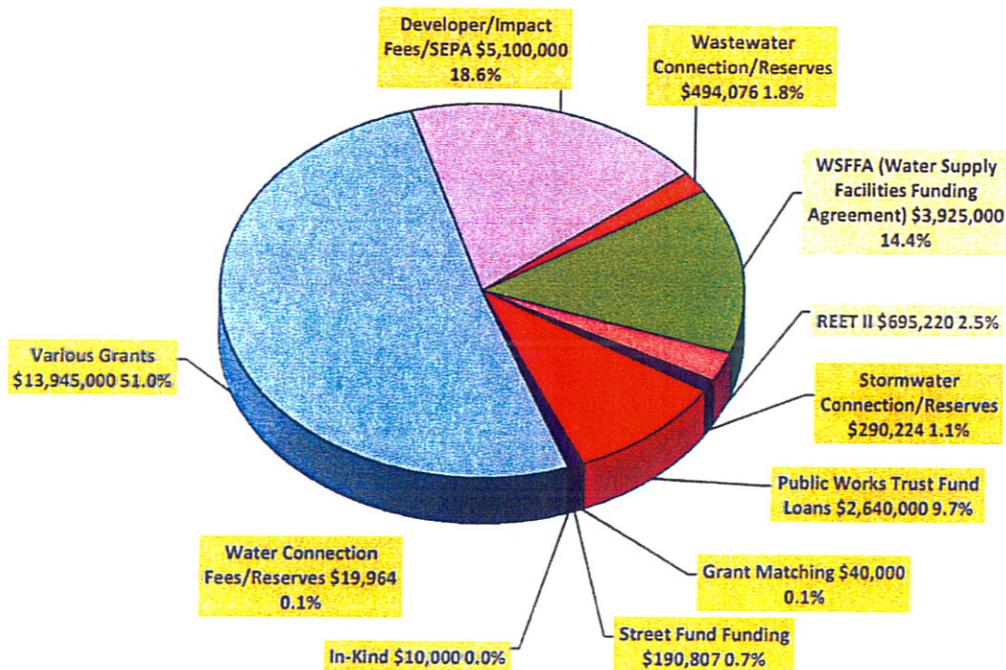


# CIP Public Works Revenue Summary

## Capital Improvement Plan 2013 - 2018

<b>REQUESTED FUNDING</b> <i>Includes Debt Repayments</i>	<b>Total \$ Project</b> 2013 - 2018	2013	2014	2015	2016	2017	2018
Various Grants	13,945,000	290,000	300,000	2,410,000	1,155,000	4,590,000	5,200,000
Developer/Impact Fees/SEPA	5,100,000	550,000	430,000	1,595,000	480,000	550,000	1,495,000
Public Works Trust Fund Loans	2,640,000		100,000	650,000	20,000	1,870,000	
Wastewater Connection/Reserves	494,076	30,000	35,000	30,000	280,000	30,000	89,076
WSFFA (Water Supply Facilities Funding Agreement)	3,925,000	225,000	1,875,000	1,025,000		100,000	700,000
REET II	695,220	120,000	100,000	110,000	120,000	140,000	105,220
Stormwater Connection/Reserves	290,224		25,000	30,000	48,420	98,420	88,384
Grant Matching	40,000		40,000				
Street Fund Funding	190,807	30,000	35,000	30,000	30,000	30,000	35,807
Water Connection Fees/Reserves	19,964		5,000				14,964
In-Kind	10,000	10,000					
<b>TOTAL SOURCES</b>	<b>\$27,350,291</b>	<b>\$1,255,000</b>	<b>\$2,945,000</b>	<b>\$5,880,000</b>	<b>\$2,133,420</b>	<b>\$7,408,420</b>	<b>\$7,728,451</b>
<i>Less Payments on Debt</i>	<b>(275,291)</b>				<b>(48,420)</b>	<b>(48,420)</b>	<b>(178,451)</b>
<b>TOTAL Projects</b>	<b>27,075,000</b>	<b>1,255,000</b>	<b>2,945,000</b>	<b>5,880,000</b>	<b>2,085,000</b>	<b>7,360,000</b>	<b>7,550,000</b>

Public Works CIP by Type of Funding Total: **\$27,350,291**



## REET II ANALYSIS SUMMARY (Fund 320)

### Capital Improvement Plan 2013 - 2018

REET II - REVENUE			Capital Plan 2013 - 2018					
REET II Funds Street Projects	2012 REET II Budgeted & Funded	2013-2018 Summary Total	2013	2014	2015	2016	2017	2018
Beginning Fund Balance	487,785	266,003	266,003	192,303	178,703	195,203	244,903	328,203
REET Revenue (annual)								
1/4 of 1% REET - Existing Property	40,500	384,000	40,000	48,000	55,000	63,000	81,000	97,000
1/4 of 1% REET - Other new homes		45,200	6,300	6,400	6,500	6,700	7,300	12,000
1/4 of 1% REET - MPD		518,000		32,000	65,000	100,000	135,000	186,000
<b>Subtotal REET II Revenue</b>	<b>40,500</b>	<b>947,200</b>	<b>46,300</b>	<b>86,400</b>	<b>126,500</b>	<b>169,700</b>	<b>223,300</b>	<b>295,000</b>
Other Sources and Uses								
Transfer to 104 Gen Fund Capital Projects	(93,500)	-						
<b>TOTAL Available Balance for Street Projects</b>	<b>434,785</b>	<b>1,213,203</b>	<b>312,303</b>	<b>278,703</b>	<b>305,203</b>	<b>364,903</b>	<b>468,203</b>	<b>623,203</b>

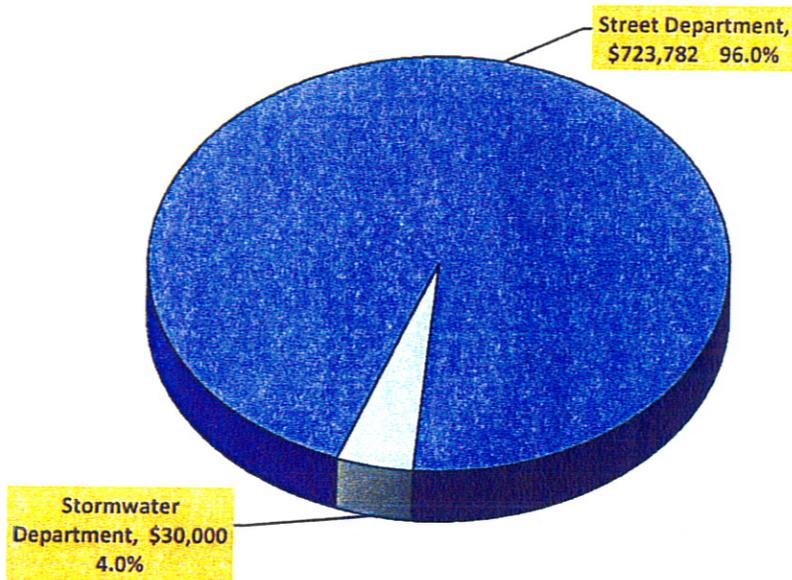
REET II PROJECT EXPENDITURES			Capital Plan 2013 - 2018					
Street Projects	2012 REET II Budgeted & Funded	2013-2018 Summary Total	2013	2014	2015	2016	2017	2018
T2 SE 288th Street Overlay		10,000	10,000					
T4 Intersection Improvements Morganville		100,000	40,000	60,000				
T5 Grant Matching Fund	40,000	240,000	40,000	40,000	40,000	40,000	40,000	40,000
T8 Roberts Drive Reconstruction		180,000			70,000	80,000	30,000	
T9 Pacific Street Neighborhood Improvements	20,000	100,000					70,000	30,000
T8/T11 Street Loan Repayments		35,220						35,220
2012 Street Rehab	30,000							
2012 Elevate Abrams	20,000							
2012 Roberts Drive Sidewalk link to Morgan St	38,782							
2012 PW Facility Design and Engineering	20,000							
<b>Subtotal Street Projects funded with REET II</b>	<b>168,782</b>	<b>665,220</b>	<b>90,000</b>	<b>100,000</b>	<b>110,000</b>	<b>120,000</b>	<b>140,000</b>	<b>105,220</b>
<b>Water Projects</b>								
W2 Reservoir Maintenance and Painting		15,000	15,000					
W3 5th Avenue Water Main Replacement		15,000	15,000					
<b>Subtotal Water Projects funded with REET II</b>		<b>30,000</b>	<b>30,000</b>					
<b>Total Projects FUNDED BY REET II</b>	<b>168,782</b>	<b>695,220</b>	<b>120,000</b>	<b>100,000</b>	<b>110,000</b>	<b>120,000</b>	<b>140,000</b>	<b>105,220</b>
<b>REET II Left for Next Year (Ending Fund Balance)</b>	<b>266,003</b>	<b>517,983</b>	<b>192,303</b>	<b>178,703</b>	<b>195,203</b>	<b>244,903</b>	<b>328,203</b>	<b>517,983</b>

REET based on Houses sold	2013	2014	2015	2016	2017	2018
Existing Property Sales (in 000's)	62 @\$250	75 @\$255	85 @\$260	95 @\$265	120 @\$270	140 @\$275
Other New Home Sales (in 000's)	10 @\$250	10 @\$255	10 @\$260	11 @\$265	12 @\$270	17 @\$275
MPD Phase 1 Resulting Sales -Non Commercial (in 000's)		50 @\$255	100 @\$260	150 @\$265	200 @\$270	270 @\$275
Population Base	4,060	4,087	4,249	4,546	4,981	5,553
Growth Increase (2.7 people per new household)	27	162	297	435	572	775
<b>TOTAL POPULATION</b>	<b>4,087</b>	<b>4,249</b>	<b>4,546</b>	<b>4,981</b>	<b>5,553</b>	<b>6,328</b>

## Public Works REET II Summary Capital Improvement Plan 2013 - 2018

<i>Requested Funding</i>	Total \$ Requested	2013	2014	2015	2016	2017	2018
Street Department	665,220	90,000	100,000	110,000	120,000	140,000	105,220
Water Department	30,000	30,000					
<b>Total REET II Projects</b>	<b>695,220</b>	<b>120,000</b>	<b>100,000</b>	<b>110,000</b>	<b>120,000</b>	<b>140,000</b>	<b>105,220</b>

**Total REET II: \$695,220**



## Street Department (Transportation Projects) CAPITAL PROJECT SUMMARY

Expenditure Summary by Project							
STREET DEPARTMENT	Total \$ Requested 2013-2018	Capital Plan 2013 - 2018					
		2013	2014	2015	2016	2017	2018
T1 General Street Improvement	180,000	30,000	30,000	30,000	30,000	30,000	30,000
T2 SE 288th Street Overlay	150,000	150,000					
T3 Roberts Drive/State Rt 169 Roundabout	3,430,000	550,000	600,000	2,280,000			
T4 Morganville Intersection Improvements	100,000	40,000	60,000				
T5 Grant Matching Fund	240,000	40,000	40,000	40,000	40,000	40,000	40,000
T6 Rock Creek Bridge	510,000		80,000	430,000			
T7 Lawson Street Sidewalk	850,000			105,000	745,000		
T8 Roberts Drive Reconstruction	5,660,000			70,000	440,000	5,150,000	
T9 Pacific Street Neighborhood Improvements	420,000					70,000	350,000
T10 SR169 Widening at Lawson & Baker St.	1,550,000					350,000	1,200,000
T11 SR 169 Gateway Corridor Improvement	5,700,000				200,000	300,000	5,200,000
<b>STREET DEPT TOTAL PROJECTS</b>	<b>18,790,000</b>	<b>810,000</b>	<b>810,000</b>	<b>2,955,000</b>	<b>1,455,000</b>	<b>5,940,000</b>	<b>6,820,000</b>

## Capital Improvement Plan 2013 - 2018

**Project for the** **Street Department** **# T1**

**PROJECT TITLE** **General Street Improvement**

**DESCRIPTION**      Annually the Public Works staff assesses the street system and selects key street preservation and improvement work. Typical activities under this project are chip sealing, crack sealing, patch work and addressing minor safety problems. Because of the declining revenue in the street fund the cost of striping, signs, and roadside materials have been shifted to REET funding and are included in this work item.

**BACKGROUND**      This project provides annual funding for minor street improvements that typically do not require engineering.

**COMMENTS**        As more routine maintenance costs are shifted to this street improvement category, overlay projects may not be possible.

		Capital Plan 2013 - 2018					
<i>CAPITAL PROJECT COSTS</i>	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Construction Costs	180,000	30,000	30,000	30,000	30,000	30,000	30,000
<b>TOTAL COSTS</b>	<b>180,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>
<i>REQUESTED FUNDING</i>	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Street Funds	180,000	30,000	30,000	30,000	30,000	30,000	30,000
<b>TOTAL SOURCES</b>	<b>180,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>



## Capital Improvement Plan 2013 - 2018

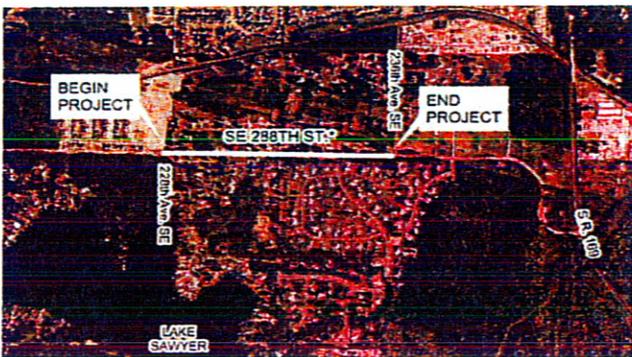
**Project for the** **Street Department** **# T2**

**PROJECT TITLE** **SE 288th Street Overlay**

**DESCRIPTION** Patch and overlay the existing roadway from 228th Ave SE to 236th Ave SE.

**BACKGROUND** The city completed the overlay of the west half of the project from 224th to 216th in 2011. The City will continue to seek TIB pavement preservation grant funding for the second half.

		Capital Plan 2013 - 2018					
<i>CAPITAL PROJECT COSTS</i>	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Construction Engineering	10,000	10,000					
Construction Costs	140,000	140,000					
<b>TOTAL COSTS</b>	<b>150,000</b>	<b>150,000</b>	-	-	-	-	-
<i>REQUESTED FUNDING</i>	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Grants TIB	130,000	130,000					
In-Kind Match	10,000	10,000					
Real Estate Excise Tax II	10,000	10,000					
<b>TOTAL SOURCES</b>	<b>150,000</b>	<b>150,000</b>	-	-	-	-	-



## Capital Improvement Plan 2013 - 2018

**Project for the** **Street Department** **# T3**

**PROJECT TITLE** **Roberts Drive/State Rt 169 Roundabout**

**DESCRIPTION** This project is to change the intersection control from stop control to a roundabout and accommodate a future road connection to the east for the Lawson Hills Master Planned Development.

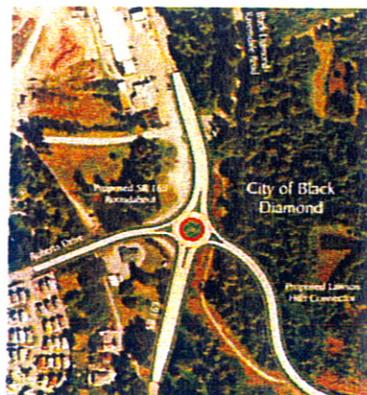
**BACKGROUND** The existing intersection has a higher accident rate than the average along the corridor. Roberts Drive intersects SR 169 at an unconventional angle which makes it difficult for eastbound motorists to turn right and especially difficult to turn left; This intersection has been identified as one of the first traffic mitigation projects that is required in the Master Planned Development FEIS.

**COMMENTS** The Master Planned Developer will be making an investment in this intersection to address Level of Service issues. The City would like to size the roundabout for the buildout solution for this corridor. There may be grant funding available for a major roundabout on a regional facility.

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested 2013-2018</b>	<b>Capital Plan 2013 - 2018</b>					
		2013	2014	2015	2016	2017	2018
Land/Right of Way	400,000	400,000					
Preliminary Engineering	150,000	150,000					
Environ Engr & Permitting	300,000		300,000				
Construction Engineering	180,000			180,000			
Design Engineering	200,000		200,000				
Construction Costs	2,000,000			2,000,000			
Environ Mitigation	100,000			100,000			
Project Administration	100,000		100,000				
<b>TOTAL COSTS</b>	<b>3,430,000</b>	<b>550,000</b>	<b>600,000</b>	<b>2,280,000</b>	-	-	-
<b>REQUESTED FUNDING</b>	<b>Total \$ Requested 2013-2018</b>	2013	2014	2015	2016	2017	2018
Developer	1,130,000	550,000	300,000	280,000			
Grants	2,300,000		300,000	2,000,000			
<b>TOTAL SOURCES</b>	<b>3,430,000</b>	<b>550,000</b>	<b>600,000</b>	<b>2,280,000</b>	-	-	-



Proposed Roundabout





## Capital Improvement Plan 2013 - 2018

**Project for the** **Street Department** **# T5**

**PROJECT TITLE** **Grant Matching Fund**

**DESCRIPTION** This project is used to accumulate funds for a match for grants for street and pedestrian projects now scheduled on the CIP.

**BACKGROUND** The City has used this fund for professional technical assistance with grant applications and supplement funding if a grant is received for a project that needs to be moved up in the CIP schedule or if a larger match than anticipated is needed.

		Capital Plan 2013 - 2018					
<i>CAPITAL PROJECT COSTS</i>	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Funding to Match Grants	240,000	40,000	40,000	40,000	40,000	40,000	40,000
<b>TOTAL COSTS</b>	<b>240,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>
<i>REQUESTED FUNDING</i>	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Real Estate Excise Tax II	240,000	40,000	40,000	40,000	40,000	40,000	40,000
<b>TOTAL SOURCES</b>	<b>240,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>



### What is a matching grant?

A matching grant is a contingent grant awarded only if the receiving entity is able to put up (or independently raise) a sum equal to the amount provided by the granting entity.



## Capital Improvement Plan 2013 - 2018

**Project for the** **Street Department** # **T6**

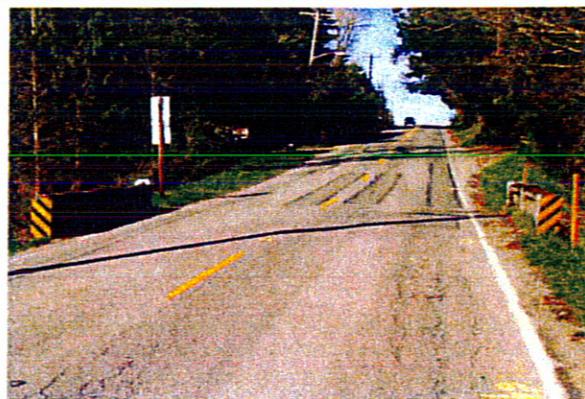
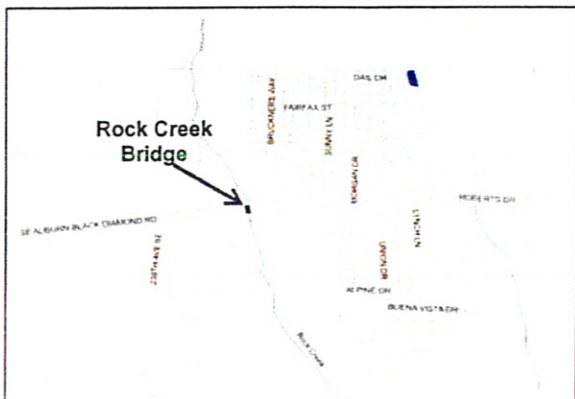
**PROJECT TITLE** **Rock Creek Bridge**

**DESCRIPTION** This project is to provide a standard width roadway across Rock Creek and also provide safe pedestrian facilities across Rock Creek. The scope and cost of this project may change based on the outcome of the 2012 analysis of the bridge and the study of widening and repair options.

**BACKGROUND** The Rock Creek bridge is about 100 years old and is substandard in width. This project will provide a safe pedestrian path connecting old town with new development.

**COMMENTS** This preliminary work will allow the City to position itself for grant opportunities and align city efforts and needs with developer mitigation projects.

	Total \$ Requested 2013-2018	Capital Plan 2013 - 2018					
		2013	2014	2015	2016	2017	2018
<b>CAPITAL PROJECT COSTS</b>							
Design Engineering	110,000		80,000	30,000			
Construction Costs	400,000			400,000			
<b>TOTAL COSTS</b>	<b>510,000</b>	-	80,000	430,000	-	-	-
<b>REQUESTED FUNDING</b>							
Developer/Impact Fees/SEPA	100,000		40,000	60,000			
TIB Grant	370,000			370,000			
Grant Matching Funds	40,000		40,000				
<b>TOTAL SOURCES</b>	<b>510,000</b>		80,000	430,000	-	-	



# Capital Improvement Plan 2013 - 2018

**Project for the** **Street Department** **# T7**

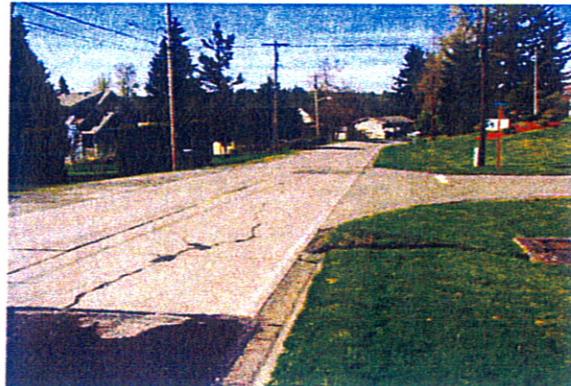
**PROJECT TITLE** **Lawson Street Sidewalk**

**DESCRIPTION** Construct 2150 feet of new 5 foot concrete sidewalk on the north side of Lawson Street to from SR 169 to the east boundary of Lawson Hill Estates. This project does not include curb gutter or street widening. Project cost \$850,000.

**BACKGROUND** Lawson Hill Estates and the surrounding area is within 1 mile of the elementary school on Baker Street. The City is partnering with the School District to seek Safe Routes to School grants for this project. It is anticipated that additional funding will be needed to cover the entire cost. Transportation Improvement Board Funding and or potentially MPD mitigation funding may also be available. The City and the School District are planning to cooperate and jointly apply for this grant in 2014 for funding in 2015, and 2016.

**COMMENTS** The timing of this project may have to wait for the pedestrian mitigation assistance from the Lawson Hills developer for this project. Other grant funding may also be available to complete the total funding.

		Capital Plan 2013 - 2018					
		2013	2014	2015	2016	2017	2018
<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested 2013-2018</b>						
	Land/Right of Way			20,000			
	Design Engineering			85,000			
	Construction Costs				745,000		
	<b>TOTAL COSTS</b>	<b>850,000</b>	-	-	105,000	745,000	
<b>REQUESTED FUNDING</b>	<b>Total \$ Requested 2013-2018</b>						
	Safe Route to School Grant				395,000		
	TIB Grant				150,000		
	Developer/Impact Fees/SEPA			105,000	200,000		
	<b>TOTAL SOURCES</b>	<b>850,000</b>	-	-	105,000	745,000	-



## Capital Improvement Plan 2013 - 2018

**Project for the** **Street Department** # **T8**

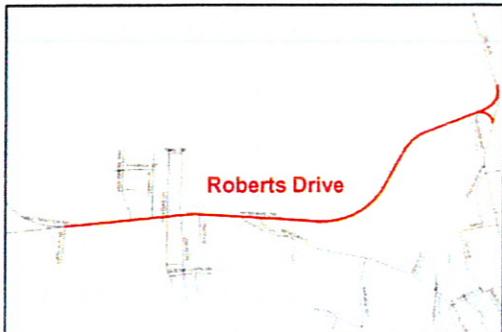
**PROJECT TITLE** **Roberts Drive Reconstruction**

**DESCRIPTION** Overlay existing roadway or rehabilitate existing concrete roadway, , widen to standard, address storm water treatment, add sidewalks, curbs, gutter and formal street lights. The project might be constructed in several phases.

**BACKGROUND** With many small subdivisions and businesses with direct access to Roberts Drive the roadway will need to be widened to accommodate a left hand turn lane so that flow through traffic is not impeded. The concrete panels over time have shifted and cracked causing rough roadway conditions.

**COMMENTS** The preliminary corridor study is needed early on to settle on a road section, resolve the stormwater solutions, process through NEPA (National Environmental Policy Act) and SEPA (State Environmental Policy Act), resolve the concrete panel fix, so the project can be prepared for grant funding. The PWTF Loan will be 20 years at 1% interest paid by REET II funds.

		Capital Plan 2013 - 2018					
		2013	2014	2015	2016	2017	2018
<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested 2013-2018</b>						
	Land/Right of Way	80,000		20,000	60,000		
	Preliminary Engineering	50,000		50,000			
	Construction Engineering	350,000				350,000	
	Design Engineering	380,000			380,000		
	Construction Costs	4,800,000				4,800,000	
	<b>TOTAL COSTS</b>	<b>5,660,000</b>	-	-	70,000	440,000	5,150,000
<b>REQUESTED FUNDING</b>	<b>Total \$ Requested 2013-2018</b>						
	Grants	4,950,000			360,000	4,590,000	
	Stormwater Connection/Res Developer/Impact Fees/SEPA	50,000				50,000	
	Real Estate Excise Tax II	200,000				200,000	
	PWTF loan	180,000		70,000	80,000	30,000	
		280,000				280,000	
	<b>TOTAL SOURCES</b>	<b>5,660,000</b>	-	-	70,000	440,000	5,150,000
<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested 2013-2018</b>						
	PWTF Loan Repay - REET II	17,004					17,004
	<b>TOTAL NON CAPITAL OPERATING</b>	<b>17,004</b>	-	-	-	-	17,004



## Capital Improvement Plan 2013 - 2018

**Project for the** **Street Department** **# T9**

**PROJECT TITLE** **Pacific Street Neighborhood Improvements**

**DESCRIPTION** Widen and pave existing gravel roads. Install storm drainage improvements.

**BACKGROUND** Gravel roads require a higher level of maintenance and generate more citizen complaints than paved streets.

**COMMENTS** There are outstanding obligations from some past development that may affect the project limits or schedule. Various infrastructure improvements are needed in this area as well. Funding for this project is dependent on the private property owners ability to funds the majority of the improvements. This project will not move forward without property owner cooperation.

		Capital Plan 2013 - 2018					
<i>CAPITAL PROJECT COSTS</i>	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Design Engineering	70,000					70,000	
Construction Costs	350,000						350,000
<b>TOTAL COSTS</b>	<b>420,000</b>	-	-	-	-	70,000	350,000
<i>REQUESTED FUNDING</i>	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Stormwtr Connection/Reserves	25,000						25,000
Developer/Impact Fees/SEPA	295,000						295,000
Real Estate Excise Tax II	100,000					70,000	30,000
<b>TOTAL SOURCES</b>	<b>420,000</b>	-	-	-	-	70,000	350,000



Pacific Street

## Capital Improvement Plan 2013 - 2018

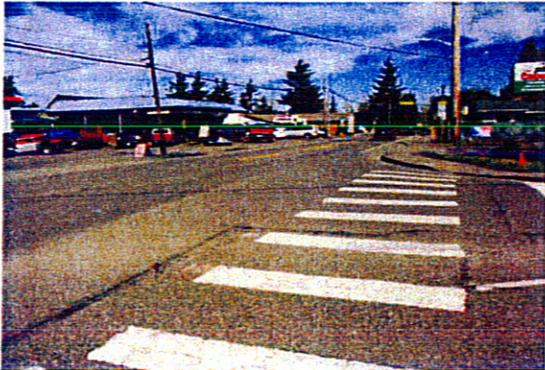
**Project for the** **Street Department** **# T10**

**PROJECT TITLE** **SR-169 Widening Lawson & Baker St Intersection**

**DESCRIPTION** The left hand turn lanes are needed on 169 and on the approaching streets. 900 feet of SR-169 widening and channelization is needed. 200 feet of widening and channelization is needed on Lawson and Baker Street. See the Villages and Lawson Hills EIS for more detailed information.

**BACKGROUND** This is a MPD mitigation capacity adding project. The timing of these projects will be prompted by the progress the Master Planned Developments. These are included in the City's CIP to orderly deal with redevelopment that may occur on property bordering this project.

		Capital Plan 2013 - 2018					
<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested 2013-2018</b>	2013	2014	2015	2016	2017	2018
Land/Right of Way	200,000					200,000	
Design Engineering	150,000					150,000	
Construction Costs	1,200,000						1,200,000
<b>TOTAL COSTS</b>	<b>1,550,000</b>	-	-	-	-	350,000	1,200,000
<b>REQUESTED FUNDING</b>	<b>Total \$ Requested 2013-2018</b>	2013	2014	2015	2016	2017	2018
Developer Improvement/SEPA	1,550,000					350,000	1,200,000
<b>TOTAL SOURCES</b>	<b>1,550,000</b>	-	-	-	-	350,000	1,200,000



Intersection at SR169 and Lawson

## Capital Improvement Plan 2013 - 2018

**Project for the** **Street Department** **# T11**

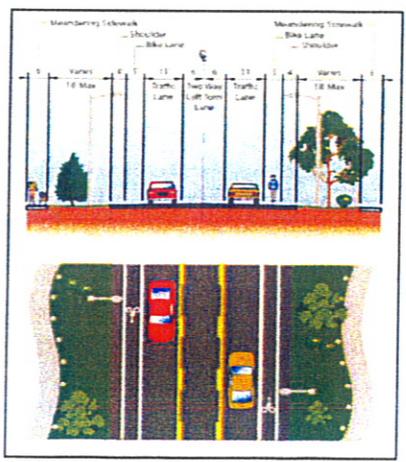
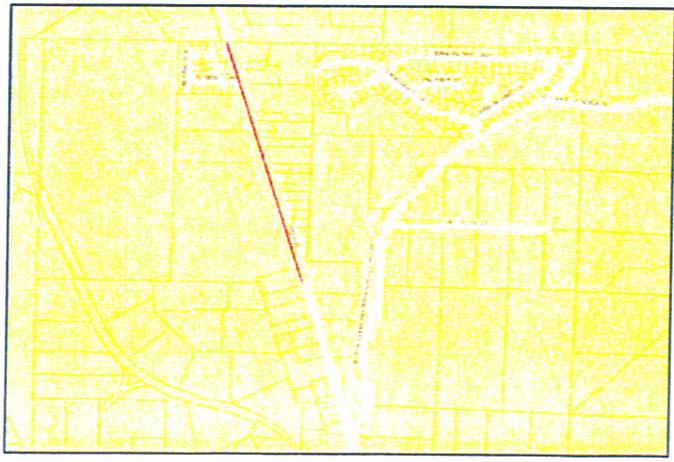
**PROJECT TITLE** **SR 169 Gateway Corridor Improvement**

**DESCRIPTION** Widen the SR-169 from Black Diamond Ravensdale Road to north City limits (3,800 ft) to allow for a two way left hand turn lane. Add sidewalks, streetlights, and either curb and gutter with a storm treatment pond or low impact development storm treatment swales with water gardens. Additional lanes may also be considered.

**BACKGROUND** This project would greatly enhance the north entrance into Black Diamond and provide a better flow of traffic through the north commercial area.

**COMMENTS** This project may rate well for grant funding. Other development along the corridor may be able to contribute the matching funds. The PWTF loan will be a 20 year at 2%, paid by REET II funds.

		Capital Plan 2013 - 2018						
		2013	2014	2015	2016	2017	2018	
<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested 2013-2018</b>							
	Land/Right of Way				100,000			
	Preliminary Engineering				100,000			
	Construction Engineering						450,000	
	Design Engineering					300,000		
	Construction Costs						4,750,000	
	<b>TOTAL COSTS</b>	<b>5,700,000</b>	-	-	-	200,000	300,000	5,200,000
<b>REQUESTED FUNDING</b>	<b>Total \$ Requested 2013-2018</b>							
	Grants						5,200,000	
	PWTF loan					300,000		
	Developer/Frontage Imp/SEPA				200,000			
	<b>TOTAL SOURCES</b>	<b>5,700,000</b>			-	200,000	300,000	5,200,000
	<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested 2013-2018</b>						
		PWTF Loan Repay - REET II						18,216
<b>TOTAL NON CAPITAL OPERATING</b>							<b>18,216</b>	



# Street Department CAPITAL PROJECT FUNDING SUMMARY

## Expenditure Summary by Project

		Capital Plan 2013 - 2018					
STREET DEPARTMENT	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
T1 General Street Improvement	180,000	30,000	30,000	30,000	30,000	30,000	30,000
T2 SE 288th Street Overlay	150,000	150,000					
T3 Roberts Drive/State Rt 169 Roundabout	3,430,000	550,000	600,000	2,280,000			
T4 Morganville Intersection Improvements	100,000	40,000	60,000				
T5 Grant Matching Fund	240,000	40,000	40,000	40,000	40,000	40,000	40,000
T6 Rock Creek Bridge	510,000		80,000	430,000			
T7 Lawson Street Sidewalk	850,000			105,000	745,000		
T8 Roberts Drive Reconstruction	5,660,000			70,000	440,000	5,150,000	
T9 Pacific Street Neighborhood Improvements	420,000					70,000	350,000
T10 SR169 Widening at Lawson & Baker St.	1,550,000					350,000	1,200,000
T11 SR 169 Gateway Corridor Improvement	5,700,000				200,000	300,000	5,200,000
STREET DEPT TOTAL PROJECTS	18,790,000	810,000	810,000	2,955,000	1,455,000	5,940,000	6,820,000

## Funding Sources

		Capital Plan 2013 - 2018					
	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
<b>TIB, CDBG and Other Grants</b>							
T2 SE 288th Street Overlay	130,000	130,000					
T3 Roberts Drive/State Rt 169 Roundabout	2,300,000		300,000	2,000,000			
T6 Rock Creek Bridge	370,000			370,000			
T7 Lawson Street Sidewalk (TIB Grant)	150,000				150,000		
T7 Lawson Street Sdwk (Safe Walk Sch Grant)	395,000				395,000		
T8 Roberts Drive Reconstruction	4,950,000				360,000	4,590,000	
T11 SR 169 Gateway Corridor Improvement	5,200,000						5,200,000
Total Grants	13,495,000	130,000	300,000	2,370,000	905,000	4,590,000	5,200,000
<b>Stormwater Connection Fees/Reserves</b>							
T8 Roberts Drive Reconstruction	50,000					50,000	
T9 Pacific Street Neighborhood Improvements	25,000						25,000
Total Stormwtr Connection/Reserves Funding	75,000					50,000	25,000
<b>Developer Funded/Impact Fees/SEPA</b>							
T3 Roberts Drive/State Rt 169 Roundabout	1,130,000	550,000	300,000	280,000			
T6 Rock Creek Bridge Repair	100,000		40,000	60,000			
T7 Lawson Street Sidewalk	305,000			105,000	200,000		
T8 Roberts Drive Reconstruction	200,000					200,000	
T9 Pacific Street Neighborhood Improvements	295,000						295,000
T10 SR169 Widening at Lawson & Baker St.	1,550,000					350,000	1,200,000
T11 SR 169 Gateway Corridor Improvement	200,000				200,000		
Total Developer/Impact/SEPA Funding	3,780,000	550,000	340,000	445,000	400,000	550,000	1,495,000

**Funding Sources, cont.**

<b>STREET DEPARTMENT</b>		<b>Total \$ Requested 2013-2018</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>Real Estate Excise Tax II Funding</b>								
T2	SE 288th Street Overlay	10,000	10,000					
T4	Morgan Intersection Improvements	100,000	40,000	60,000				
T5	Grant Matching Fund	240,000	40,000	40,000	40,000	40,000	40,000	40,000
T8	Roberts Drive Reconstruction	180,000			70,000	80,000	30,000	
T9	Pacific Street Neighborhood Improvements	100,000					70,000	30,000
	<b>Total REET II Funding</b>	<b>630,000</b>	<b>90,000</b>	<b>100,000</b>	<b>110,000</b>	<b>120,000</b>	<b>140,000</b>	<b>70,000</b>
<b>Grant Matching Fund</b>								
T6	Rock Creek Bridge Repair	40,000		40,000				
	<b>Total Grant Matching Fund</b>	<b>40,000</b>		<b>40,000</b>				
<b>Street Funds</b>								
T1	General Street Projects	180,000	30,000	30,000	30,000	30,000	30,000	30,000
	<b>Total Street Funds</b>	<b>180,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>
<b>In-Kind Match</b>								
T2	288th Street Overlay	10,000	10,000					
	<b>Total In-Kind Match</b>	<b>10,000</b>	<b>10,000</b>					
<b>PWTF Loan</b>								
T8	Roberts Drive Reconstruction	280,000					280,000	
T11	SR 169 Gateway Corridor Improvement	300,000					300,000	
	<b>Total PWTF Loan</b>	<b>580,000</b>					<b>580,000</b>	
<b>TOTAL STREET PROJECTS</b>		<b>18,790,000</b>	<b>810,000</b>	<b>810,000</b>	<b>2,955,000</b>	<b>1,455,000</b>	<b>5,940,000</b>	<b>6,820,000</b>
<b>NON CAPITAL OPERATING COSTS</b>		<b>Total \$ Requested 2013-2018</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
T8	Roberts PWTF Loan Repay - REET II	17,004						17,004
T11	169 PWTF Loan Repay - REET II	18,216						18,216
S5	PW Fac & Eq Loan Pay (13%) Street Fund	5,807						5,807
	<b>TOTAL NON CAPITAL OPERATING</b>	<b>41,027</b>						<b>41,027</b>

## Water Department CAPITAL PROJECT SUMMARY

Funding Summary by Project							
WATER DEPARTMENT	Capital Plan 2013 - 2018						
	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
W1 Springs and River Crossing Rehab Project	3,125,000	225,000	1,875,000	1,025,000			
W2 Reservoir Maintenance and Painting	115,000	15,000	100,000				
W3 5th Avenue Water Main Replacement	175,000	175,000					
W4 Fire Flow Loop to North Commercial Area	800,000			800,000			
W5 Springs Transmission Main Repl Phase I	800,000					100,000	700,000
<b>WATER DEPARTMENT TOTAL PROJECTS</b>	<b>5,015,000</b>	<b>415,000</b>	<b>1,975,000</b>	<b>1,825,000</b>		<b>100,000</b>	<b>700,000</b>

## Capital Improvement Plan 2013 - 2018

**Project for the** **Water Department** **# W1**

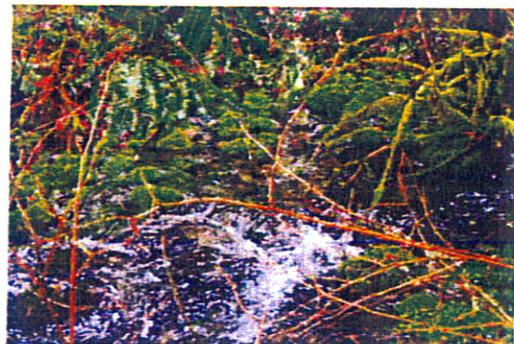
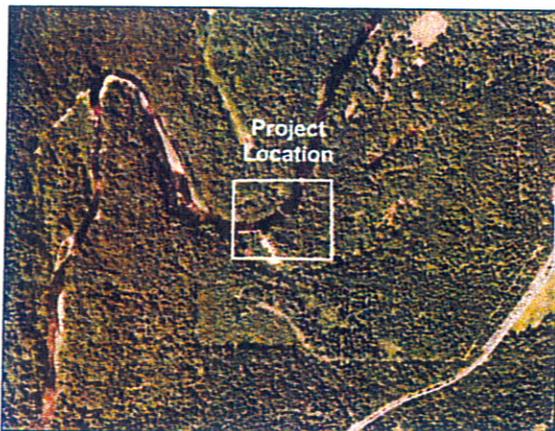
**PROJECT TITLE** **Springs & River Crossing Rehab. Project**

**DESCRIPTION** Improvements to the City's spring collection facilities. Replacement of 1,300 lineal ft. of piping from the springs across the Green River to the North Bank Pump Station. Install a series of new pumps for greater pumping efficiency. Replace the chlorine injection system. Upgrade the controls and telemetry. Restore power generation capability.

**BACKGROUND** This is a capacity and system reliability project funded by the Water Supply and Facilities Funding Agreement (WSFFA). The Funding agreement anticipated the seeking low interest financing for this project. There is a very good opportunity to obtain a PWTF loan this next year which will secure the funding for this project no matter what happens to the economy. The Property Owners funding the WSFFA projects will make the Public Works Trust Fund payments with back up surety guaranteeing payment.

**COMMENTS** The project described above is proposed as the first phase of the WSFFA springs project. The second phase is the project W5.

		Capital Plan 2013 - 2018					
<i>CAPITAL PROJECT COSTS</i>	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Preliminary Engineering	75,000	75,000					
Design Engineering	150,000	150,000					
Construction Engineering	100,000		75,000	25,000			
Construction Costs	2,800,000		1,800,000	1,000,000			
<b>TOTAL COSTS</b>	<b>3,125,000</b>	<b>225,000</b>	<b>1,875,000</b>	<b>1,025,000</b>	-	-	-
<i>REQUESTED FUNDING</i>	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Water Syst & Fac. Fndg Agrmt.	3,125,000	225,000	1,875,000	1,025,000			
<b>TOTAL SOURCES</b>	<b>3,125,000</b>	<b>225,000</b>	<b>1,875,000</b>	<b>1,025,000</b>	-	-	-



Spring Water in Black Diamond

## Capital Improvement Plan 2013 - 2018

**Project for the** **Water Department** **# W2**

**PROJECT TITLE** **Reservoir Painting and Maintenance**

**DESCRIPTION** Repaint the 0.5 MG reservoir inside and out.

**BACKGROUND** City staff was not able to obtain a grant for this project. A PWTF or possibly an internal loan will be needed as the condition is very bad. A PWTF loan could be for 10 years at a .5% interest rate, with annual payments of \$10,254.

**COMMENTS** Based on the results of the inspection in 2012, the overall budget may have to increase/decrease to perform the maintenance work.

	Total \$ Requested 2013-2018	Capital Plan 2013 - 2018					
		2013	2014	2015	2016	2017	2018
<b>CAPITAL PROJECT COSTS</b>							
Design Engineering	15,000	15,000					
Tank Painting	100,000		100,000				
<b>TOTAL COSTS</b>	<b>115,000</b>	<b>15,000</b>	<b>100,000</b>	-	-	-	-
<b>REQUESTED FUNDING</b>							
PWTF Loan or other	100,000		100,000				
Real Estate Excise Tax II	15,000	15,000					
<b>TOTAL SOURCES</b>	<b>115,000</b>	<b>15,000</b>	<b>100,000</b>	-	-	-	-



Old Lawson Hill 500,000 Gallon Tank

## Capital Improvement Plan 2013 - 2018

**Project for the**

**Water Department**

**# W3**

**PROJECT TITLE**

**5th Ave Water Main Replacement**

**DESCRIPTION**

Replace 850 feet of 4 inch dead end asbestos concrete water main from 5th Ave intersection with Lawson St. South to the end of the road. Two fire hydrants also need to be replaced.

**BACKGROUND**

There is a lack of fire flow in this area and with low quality water pipe on a dead end line the service reliability is also very low. The City was selected for a CDBG Grant for this project in 2011. The grant agreement is expected in May or June of 2012. The City is trying to expedite the project so as to complete the construction while Lawson Creek is dried up.

**COMMENTS**

This project might be delayed to 2013 if it cannot be completed while Lawson Creek is dry in the summer of 2012 and is also shown in the 2013 budget year.

**CAPITAL PROJECT COSTS**

Construction Engineering

Construction Costs

**TOTAL COSTS**

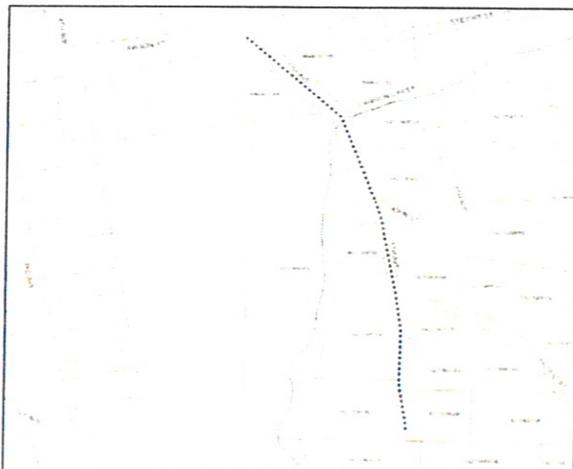
**REQUESTED FUNDING**

Grants

REET II

**TOTAL SOURCES**

Total \$ Requested 2013-2018	Capital Plan 2013 - 2018					
	2013	2014	2015	2016	2017	2018
15,000	15,000					
160,000	160,000					
<b>175,000</b>	<b>175,000</b>	-	-	-	-	-
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
160,000	160,000					
15,000	15,000					
<b>175,000</b>	<b>175,000</b>	-	-	-	-	-



Fire Hydrant on Fifth Ave.

## Capital Improvement Plan 2013 - 2018

**Project for the** **Water Department** **# W4**

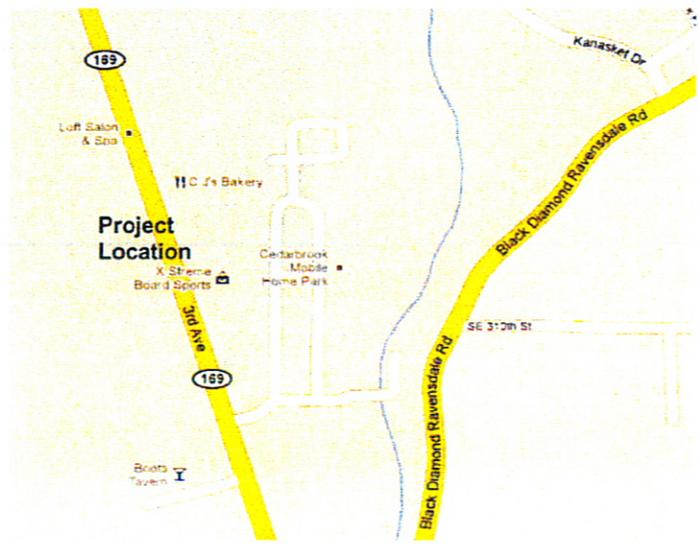
**PROJECT TITLE** **Fire Flow Loop - North Commercial Area**

**DESCRIPTION** Replace 600 ft. of 6 inch asbestos concrete with 12 inch ductile iron water main. Replace 1200 ft. of 8 inch asbestos concrete with 12 inch ductile iron in 3rd Street north of Roberts Drive. Link the east and west 169 water mains at approximately the Cedarbrook Mobile Home Park.

**BACKGROUND** This is a capacity and system reliability project funded by the Water Supply Facilities Funding Agreement. Other commercial properties along SR-169 may also be contributing or constructing portions of this project.

**COMMENTS** There are several alternatives to provide looped water lines and meet fire flow to the existing customers on the north end of the city system. This project does not describe what is needed to provide fire flow and redundant service to the north triangle but rather is the minimum to provide a looped system for the north part of the city system. Developer improvements may implement a portion of this project or make parts of the project a lower priority.

	Total \$ Requested 2013-2018	Capital Plan 2013 - 2018					
		2013	2014	2015	2016	2017	2018
<b>CAPITAL PROJECT COSTS</b>							
Construction Costs	800,000			800,000			
<b>TOTAL COSTS</b>	<b>800,000</b>	-	-	800,000	-	-	-
<b>REQUESTED FUNDING</b>							
Developer Funded	800,000			800,000			
<b>TOTAL SOURCES</b>	<b>800,000</b>	-	-	800,000	-	-	-



# Capital Improvement Plan 2013 - 2018

**Project for the**

**Water Department**

**# W5**

**PROJECT TITLE**

**Springs Transmission Main Repl Phase I**

**DESCRIPTION**

Replace 8000 feet of 8 inch asbestos concrete (AC) with 12 inch ductile iron (DI) from the North Bank Pump Station to tie in to the existing 12" Spring Supply Main.

**BACKGROUND**

This is a capacity and system reliability project funded by the Water Supply Facilities Funding Agreement.

**COMMENTS**

A Public Works Trust Fund loan should be considered for this project.

**CAPITAL PROJECT COSTS**

Preliminary Engineering  
Design Engineering  
Construction Costs  
**TOTAL COSTS**

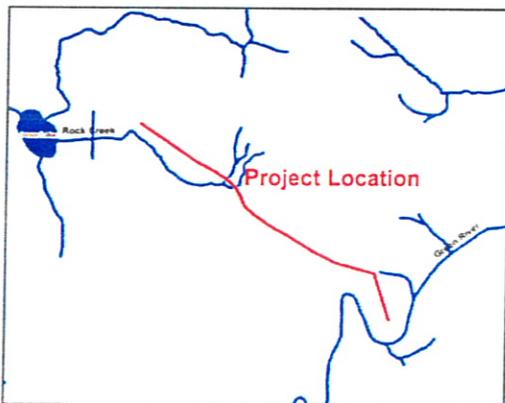
Total \$ Requested 2013-2018	Capital Plan 2013 - 2018					
	2013	2014	2015	2016	2017	2018
20,000					20,000	
80,000					80,000	
700,000						700,000
<b>800,000</b>	-	-	-	-	100,000	700,000

Total \$ Requested 2013-2018	Capital Plan 2013 - 2018					
	2013	2014	2015	2016	2017	2018
800,000					100,000	700,000
<b>800,000</b>	-	-	-	-	100,000	700,000

**REQUESTED FUNDING**

Water Syst & Fac. Funding Agrmt.  
**TOTAL SOURCES**



Example of Ductile Iron Water Pipes

# Water Department CAPITAL PROJECT FUNDING SUMMARY

## Funding Summary by Project

<b>WATER DEPARTMENT</b>	Capital Plan 2013 - 2018						
	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
W1 Springs and River Crossing Rehab Project	3,125,000	225,000	1,875,000	1,025,000			
W2 Reservoir Maintenance and Painting	115,000	15,000	100,000				
W3 5th Avenue Water Main Replacement	175,000	175,000					
W4 Fire Flow Loop to North Commercial Area	800,000			800,000			
W5 Springs Transmission Main Repl Phase I	800,000					100,000	700,000
<b>WATER DEPARTMENT TOTAL PROJECTS</b>	<b>5,015,000</b>	<b>415,000</b>	<b>1,975,000</b>	<b>1,825,000</b>		<b>100,000</b>	<b>700,000</b>

## Funding Sources

	Capital Plan 2013 - 2018						
	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
<b>Water System &amp; Facilities Funding Agmt (WSFFA)</b>							
W1 Springs and River Crossing Rehab Project	3,125,000	225,000	1,875,000	1,025,000			
W5 Springs Transmission Main Repl Phase I	800,000					100,000	700,000
<b>Total WSFFA Funds</b>	<b>3,925,000</b>	<b>225,000</b>	<b>1,875,000</b>	<b>1,025,000</b>		<b>100,000</b>	<b>700,000</b>
<b>Grant Funding</b>							
W3 5th Avenue Water Main Replacement	160,000	160,000					
<b>Total Grant Funding</b>	<b>160,000</b>	<b>160,000</b>					
<b>PWTF Loan</b>							
W2 Reservoir Painting and Maintenance	100,000		100,000				
	100,000		100,000				
<b>Developer Funding</b>							
W4 Fire Flow Loop to North Commercial Area	800,000			800,000			
<b>Total Developer Funding</b>	<b>800,000</b>			<b>800,000</b>			
<b>Real Estate Excise Taxes II</b>							
W2 Reservoir Painting and Maintenance	15,000	15,000					
W3 5th Avenue Water Main Replacement	15,000	15,000					
<b>Total Real Estate Excise Taxes II</b>	<b>30,000</b>	<b>30,000</b>					
<b>TOTAL FUNDING FOR WATER PROJECTS</b>	<b>5,015,000</b>	<b>415,000</b>	<b>1,975,000</b>	<b>1,825,000</b>		<b>100,000</b>	<b>700,000</b>

	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
<b>NON CAPITAL OPERATING COSTS</b>							
S5 PW Facilities & Equip Loan Payment (29%)	14,964						14,964
<b>TOTAL NON CAPITAL OPERATING</b>	<b>14,964</b>						<b>14,964</b>

## Wastewater Department CAPITAL PROJECT SUMMARY

### Expenditure Summary by Project

<b>WASTEWATER DEPARTMENT</b>	Capital Plan 2013 - 2018						
	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
S1 Infiltration and Inflow Reduction Plan	180,000	30,000	30,000	30,000	30,000	30,000	30,000
S2 West Black Diamond Sewer Lift Station	360,000		30,000	250,000	80,000		
S3 Morganville Force Main Reroute	460,000				20,000	440,000	
S4 Cedarbrook Sewer Main	250,000				250,000		
S5 Public Works Facilities and Equipment	870,000		20,000			850,000	
<b>WASTEWATER DEPT TOTAL PROJECTS</b>	<b>2,120,000</b>	<b>30,000</b>	<b>80,000</b>	<b>280,000</b>	<b>380,000</b>	<b>1,320,000</b>	<b>30,000</b>

### Funding Sources

# Capital Improvement Plan 2013 - 2018

Project for the **Wastewater Department** # **S1**

**PROJECT TITLE** **Infiltration and Inflow Reduction Program**

**DESCRIPTION** Funding for I & I includes investigations, such as: TV inspections, smoke testing, flow monitoring, and then Repair Work such as: pipe rehabilitation, sealing, requiring private line replacement, manhole repair and sewer line replacement.

**BACKGROUND** The City needs to reduce the infiltration and inflow as good stewardship and maintenance of the existing sewer system. The City also desires to preserve and recapture capacity in the wastewater system by reducing and controlling the peak flows.

**COMMENTS** The City has completed a first round of investigation identifying various manhole repairs that are needed. Staff is being trained in various repair options. The goal over the next three years is to repair 10 manholes per year and 3 inflow disconnects.

**CAPITAL PROJECT COSTS**

Construction Costs

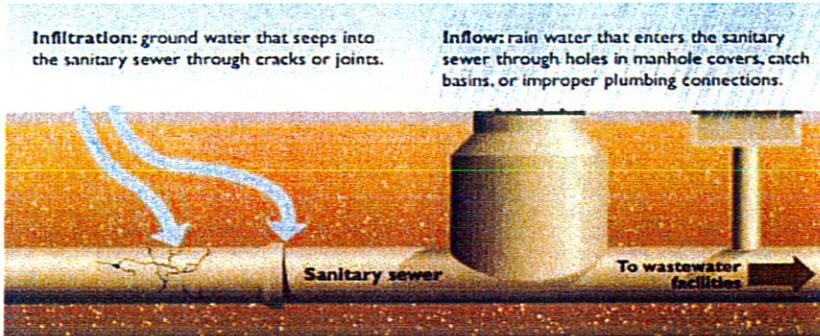
**TOTAL COSTS**

Capital Plan 2013 - 2018						
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
180,000	30,000	30,000	30,000	30,000	30,000	30,000
<b>180,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
180,000	30,000	30,000	30,000	30,000	30,000	30,000
<b>180,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>

**REQUESTED FUNDING**

Wstwtr Reserves/New Cust Fees

**TOTAL SOURCES**



Courtesy CRD, Victoria, BC

# Capital Improvement Plan 2013 - 2018

Project for the **Wastewater Department** # **S2**

**PROJECT TITLE** **West Black Diamond Wastewater Lift Station**

**DESCRIPTION** Design and construct a wastewater lift station for the area west of Rock Creek and south of Roberts Drive. Phase one is site selection, design and property/easement purchase. Phase two is wastewater lift station permitting and construction.

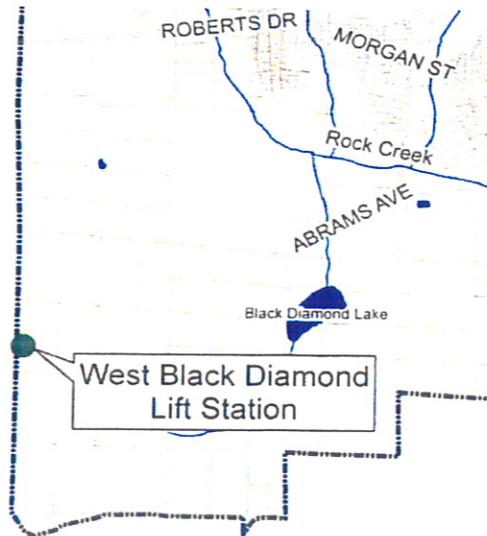
**BACKGROUND** This project is to prepare for the continued growth in the west portion of the City.

**COMMENTS** It is currently planned that the Villages Developer will construct an interim sewer pump station and perhaps a second interim sewer pump station as the development grows to the south. The City may take the lead role in planning, designing, permitting and construction of the ultimate facility to service this area. Timing and funding will need to be coordinated with the Villages Developer. This CIP only shows the design and right-of-way costs at this time.

**CAPITAL PROJECT COSTS**

Land/Right of Way  
 Preliminary Engineering  
 Design Engineering  
**TOTAL COSTS**

Capital Plan 2013 - 2018						
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Land/Right of Way	250,000		250,000			
Preliminary Engineering	30,000	30,000				
Design Engineering	80,000			80,000		
<b>TOTAL COSTS</b>	<b>360,000</b>	<b>-</b>	<b>30,000</b>	<b>250,000</b>	<b>80,000</b>	<b>-</b>
<b>REQUESTED FUNDING</b>						
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Developer Funded	360,000	30,000	250,000	80,000		
<b>TOTAL SOURCES</b>	<b>360,000</b>	<b>-</b>	<b>30,000</b>	<b>250,000</b>	<b>80,000</b>	<b>-</b>



# Capital Improvement Plan 2013 - 2018

Project for the **Wastewater Department** # **S3**

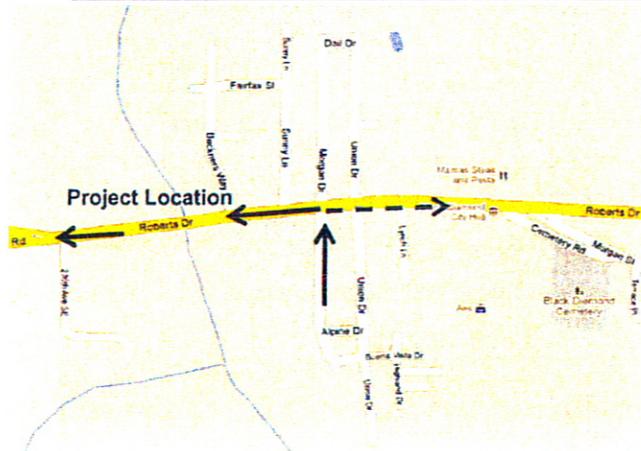
**PROJECT TITLE** **Morganville Force Main Reroute**

**DESCRIPTION** Reroute the flows from the Morgan Street Sewer pump station from pumping to the Jones Lake Pump Station to pump to the new King County western storage facility. The new force main will be about 3500 feet from Morgan Street west along Roberts Drive and northwest along Lake Sawyer Road East.

**BACKGROUND** This project is necessary to reduce sewer flows to the Black Diamond pump station (Jones Lake pump station) to provide capacity for infill in the old part of Black Diamond.

**COMMENTS** If there is an interim MPD need for directing flows from the Villages to Jones Lake pump station, most of this project might be constructed by the MPD developer. A 10 year PWTf loan in 2017 is planned to be 10 years at .5% interest.

Capital Plan 2013 - 2018						
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
<b>CAPITAL PROJECT COSTS</b>						
Preliminary Engineering	20,000			20,000		
Design Engineering	40,000				40,000	
Construction Costs	400,000				400,000	
<b>TOTAL COSTS</b>	<b>460,000</b>	-	-	-	20,000	440,000
<b>REQUESTED FUNDING</b>						
Public Works Trust Fund Loan	460,000				20,000	440,000
<b>TOTAL SOURCES</b>	<b>460,000</b>	-	-	-	20,000	440,000
<b>NON CAPITAL OPERATING COSTS</b>						
Debt Repayment (Wstwtr Res)	44,112					44,112
<b>TOTAL OPERATING</b>	<b>44,112</b>	-	-	-	-	44,112



# Capital Improvement Plan 2013 - 2018

Project for the

**Wastewater Department**

# **S4**

**PROJECT TITLE**

**Cedarbrook Sewer Main**

**DESCRIPTION**

Acquire City easement through the trailer park. Rehabilitate the existing sewer main to provide reliable public sewer service to the customers in the north east portion of the City.

**BACKGROUND**

This project will correct an informal arrangement of public wastewater being served through a private wastewater system. Redevelopment of the Cedarbrook Mobile Home Park will have the responsibility of bringing this section of sewer up to City standards, providing easements and dedicating public sewer through the site. If redevelopment of this site seems unlikely then public funding may be required at some point.

**COMMENTS**

This project reflects rehabilitation costs of the existing sewer not total replacement.

**CAPITAL PROJECT COSTS**

Design & Construction

**TOTAL COSTS**

Capital Plan 2013 - 2018						
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
250,000				250,000		
250,000	-	-	-	250,000	-	-

Capital Plan 2013 - 2018						
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
250,000				250,000		
250,000	-	-	-	250,000	-	-

**REQUESTED FUNDING**

Wstwtr Res/New Customer Fees



# Capital Improvement Plan 2013 - 2018

**Project for the** **Wastewater Department** **# S5**

**PROJECT TITLE** **Public Works Facilities and Equipment**

**DESCRIPTION** The City is in need for several additional facilities and equipment. Such as better and larger materials handling and storage facilities; a street sweeper/vactor equipment; shop improvements; and maintenance employee facilities. As the City grows these needs will increase.

**BACKGROUND** The City intends to out-source vactor and sweeping services as long as this method is cost effective. The City will also be evaluating the potential of equipment sharing with Maple Valley and Covington.

**COMMENTS** Costs and timing will be revisited in the next annual update of the CIP after the results of the General Government Facilities Mitigation Charge Study is complete. The PWTF loan will be for 20 years at 2% interest. The payment will be approximately \$51,600 split among the utilities; 13% for Street, and 29% each will come from Water, Wastewater and Stormwater.

		Capital Plan 2013 - 2018					
CAPITAL PROJECT COSTS	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Building Improvements	100,000					100,000	
Preliminary Engineering	120,000		20,000			100,000	
Construction Costs	300,000					300,000	
Equipment Purchases	350,000					350,000	
<b>TOTAL COSTS</b>	<b>870,000</b>	-	20,000	-	-	850,000	-
REQUESTED FUNDING	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Wstwtr, Water, Storm & Street Res	20,000		20,000				
Public Works Trust Fund Loan	850,000					850,000	
<b>TOTAL SOURCES</b>	<b>870,000</b>	-	20,000	-	-	850,000	-
NON CAPITAL OPERATING COSTS	Total \$ Requested	2013	2014	2015	2016	2017	2018
S5 PWTF Debt Repay - (Wstwtr @ 29%)	14,964						14,964
<b>TOTAL OPERATING</b>	<b>14,964</b>	-	-	-	-	-	14,964



## Wastewater Department CAPITAL PROJECT FUNDING SUMMARY

### Expenditure Summary by Project

WASTEWATER DEPARTMENT	Capital Plan 2013 - 2018						
	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
S1 Infiltration and Inflow Reduction Plan	180,000	30,000	30,000	30,000	30,000	30,000	30,000
S2 West Black Diamond Sewer Lift Station	360,000		30,000	250,000	80,000		
S3 Morganville Force Main Reroute	460,000				20,000	440,000	
S4 Cedarbrook Sewer Main	250,000				250,000		
S5 Public Works Facilities and Equipment	870,000		20,000			850,000	
<b>WASTEWATER DEPT TOTAL PROJECTS</b>	<b>2,120,000</b>	<b>30,000</b>	<b>80,000</b>	<b>280,000</b>	<b>380,000</b>	<b>1,320,000</b>	<b>30,000</b>

### Funding Sources

	Capital Plan 2013 - 2018						
	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
<b>Wastewater Reserves, New Customers &amp; Conn. Fees</b>							
S1 Infiltration and Inflow Reduction Plan	180,000	30,000	30,000	30,000	30,000	30,000	30,000
S4 Cedarbrook Sewer Main	250,000				250,000		
S5 Public Works Facilities and Equipment	5,000		5,000				
<b>Total Wstewtr Reserves/New Cust &amp; Conn.Fees</b>	<b>435,000</b>	<b>30,000</b>	<b>35,000</b>	<b>30,000</b>	<b>280,000</b>	<b>30,000</b>	<b>30,000</b>
<b>Water, Storm, Street Reserves</b>							
S5 Public Works Facilities and Equipment	15,000		15,000				
<b>Total Wat/Storm/Street Reserves</b>	<b>15,000</b>		<b>15,000</b>				
<b>Developer Funded</b>							
S2 West Black Diamond Sewer Lift Station	360,000		30,000	250,000	80,000		
<b>Total Developer Funded</b>	<b>360,000</b>		<b>30,000</b>	<b>250,000</b>	<b>80,000</b>		
<b>Public Works Trust Fund Loan</b>							
S3 Morganville Force Main Reroute	460,000				20,000	440,000	
S5 Public Works Facilities and Equipment	850,000					850,000	
<b>Total P WTF Loans</b>	<b>1,310,000</b>				<b>20,000</b>	<b>1,290,000</b>	
<b>TOTAL FUNDING FOR WASTEWATER PROJECTS</b>	<b>2,120,000</b>	<b>30,000</b>	<b>80,000</b>	<b>280,000</b>	<b>380,000</b>	<b>1,320,000</b>	<b>30,000</b>

### NON CAPITAL OPERATING COSTS

	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
S3 Morganville Reroute Loan Pay - Wastewtr Res	44,112						44,112
S5 PW Fac and Equip Loan Pay (29%) Wastewtr Res	14,964						14,964
<b>TOTAL NON CAPITAL OPERATING</b>	<b>59,076</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>59,076</b>

## Stormwater Department

# CAPITAL PROJECT SUMMARY

Expenditure Summary by Project							
Project Name	Total \$ Requested 2013-2018	Capital Plan 2013 - 2018					
		2013	2014	2015	2016	2017	2018
D1 Lake Sawyer Road Culvert and Guardrail	320,000			70,000	250,000		
D2 Ginder Creek Stormwater Treatment Pond	830,000		80,000	750,000			
<b>STORMWATER DEPT TOTAL PROJECTS</b>	<b>1,150,000</b>		<b>80,000</b>	<b>820,000</b>	<b>250,000</b>		

## Capital Improvement Plan 2013 - 2018

**Project for the** **Stormwater Department** **# D1**

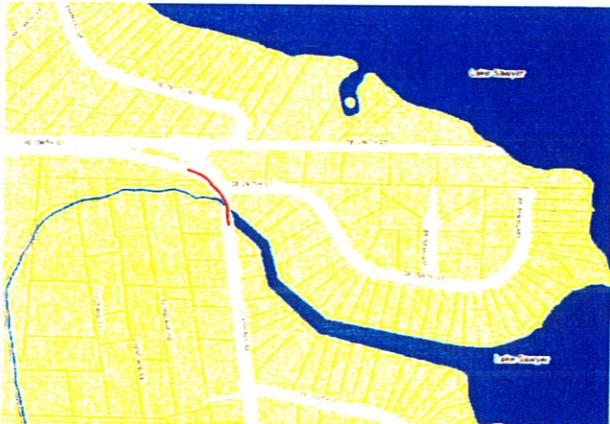
**PROJECT TITLE** **Lake Sawyer Road Culvert and Guardrail**

**DESCRIPTION** Replacing Stormwater Infrastructure: Replace the three 72 inch corrugated metal culverts with a bottomless concrete box culvert and install guard rails to protect vehicles from running into the creek.

**BACKGROUND** The existing three culverts may impede the upstream migration of salmon. The existing corrugated metal culverts are showing signs of corrosion. The guard rails will protect the environment from errant stray vehicles.

**COMMENTS** Grant funding is anticipated and included in the financing for this project. Design and permitting is scheduled for 2013 to assist with attracting grant and private mitigation funds. If grant funding is not received this project will be put on hold.

Capital Plan 2013 - 2018						
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Design Engineering	70,000		70,000			
Construction	250,000			250,000		
<b>TOTAL COSTS</b>	<b>320,000</b>	-	-	70,000	250,000	-
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Grants (Dept of Ecology)	290,000		40,000	250,000		
Stormwater Funding	30,000		30,000			
<b>TOTAL SOURCES</b>	<b>320,000</b>	-	-	70,000	250,000	-



# Capital Improvement Plan 2013 - 2018

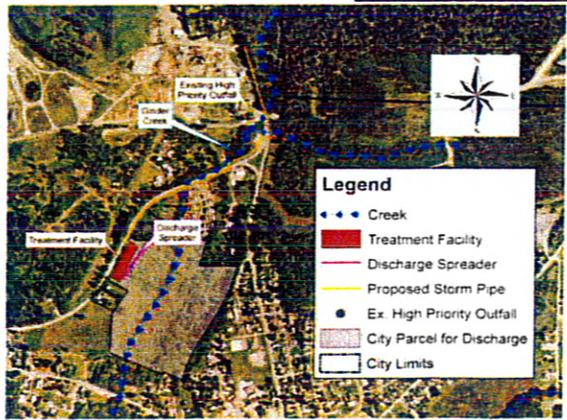
<b>Project for the</b>	<b>Stormwater Department</b>	<b>#</b>	<b>D2</b>
<b>PROJECT TITLE</b>			
<b>Ginder Creek Stormwater Treatment Pond</b>			

**DESCRIPTION** Construct a wetpond and bioswale combined treatment facility to provide maximum phosphorous removal along Roberts Drive on existing City property. The facility will provide treatment and detention for commercial property and road runoff from the Roberts Drive intersection with SR 169 north to the Cedarbrook Mobile Home Park.

**BACKGROUND** Whereas there is a total maximum daily load (TMDL) on Lake Sawyer for phosphorous, the city should look for opportunities to reduce phosphorous inputs from existing untreated stormwater discharges.

**COMMENTS** The City should look for grant opportunities and private developer contribution opportunities to upgrade the treatment of the stormwater discharges into Ginder Creek. A joint project with a developer may be possible. The City could offer the land in exchange for the treatment upgrade of the existing discharges. A PWTF loan in 2015 is an option for financing, with 15 years @ .75% interest, if a grant is not available.

		Capital Plan 2013 - 2018					
Total \$ Requested 2013-2018		2013	2014	2015	2016	2017	2018
Design Engineering	80,000		80,000				
Construction	750,000			750,000			
<b>TOTAL COSTS</b>	<b>830,000</b>	-	80,000	750,000	-	-	-
Total \$ Requested 2013-2018		2013	2014	2015	2016	2017	2018
PWTF Loan	650,000			650,000			
Stormwater Conn Fees/Res	20,000		20,000				
Developer Funded	160,000		60,000	100,000			
<b>TOTAL SOURCES</b>	<b>830,000</b>	-	80,000	750,000	-	-	-
Total \$ Requested		2013	2014	2015	2016	2017	2018
<b>NON CAPITAL OPERATING COSTS</b>							
PW Trust Loan Repayment	145,260	-	-	-	48,420	48,420	48,420
<b>TOTAL NON CAPITAL OPERATING</b>	<b>145,260</b>	-	-	-	48,420	48,420	48,420



Example of a Bioswale to Help Filter Storm Water

# Stormwater Department

## CAPITAL PROJECT FUNDING SUMMARY

### Expenditure Summary by Project

Project Name	Capital Plan 2013 - 2018						
	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
D1 Lake Sawyer Road Culvert and Guardrail	320,000			70,000	250,000		
D2 Ginder Creek Stormwater Treatment Pond	830,000		80,000	750,000			
<b>TOTAL EXPENDITURES</b>	<b>1,150,000</b>		<b>80,000</b>	<b>820,000</b>	<b>250,000</b>		

### Funding Sources

	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
<b>DOE Grant - Future</b>							
D1 Lake Sawyer Road Culvert and Guardrail	290,000			40,000	250,000		
<b>Total Ecology Grants</b>	<b>290,000</b>			<b>40,000</b>	<b>250,000</b>		
<b>PWTF Loan</b>							
D2 Ginder Creek Stormwater Treatment Pond	650,000			650,000			
<b>Total PWTF Loan</b>	<b>650,000</b>			<b>650,000</b>			
<b>Stormwater Funded (reserves)</b>							
D1 Lake Sawyer Road Culvert and Guardrail	30,000			30,000			
D2 Ginder Creek Stormwater Treatment Pond	20,000		20,000				
<b>Total Stormwater Fund Funded</b>	<b>50,000</b>		<b>20,000</b>	<b>30,000</b>			
<b>Developer Funded</b>							
D2 Ginder Creek Stormwater Treatment Pond	160,000		60,000	100,000			
<b>Total Developer Funded</b>	<b>160,000</b>		<b>60,000</b>	<b>100,000</b>			
<b>TOTAL FUNDING FOR STORMWATER</b>	<b>1,150,000</b>	<b>-</b>	<b>80,000</b>	<b>820,000</b>	<b>250,000</b>	<b>-</b>	<b>-</b>

### NON CAPITAL OPERATING COSTS

	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
D2 Ginder Creek Strmwtr Pond Repayment	145,260				48,420	48,420	48,420
S5 PW Facilities & Equip Loan Payment (29%)	14,964						14,964
T8 Strmwtr Conn Fees for Roberts Dr. Project	50,000					50,000	
T9 Pacific Street Neighborhood Impr Project	25,000						25,000
<b>TOTAL NON CAPITAL OPERATING</b>	<b>235,224</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>48,420</b>	<b>98,420</b>	<b>88,384</b>

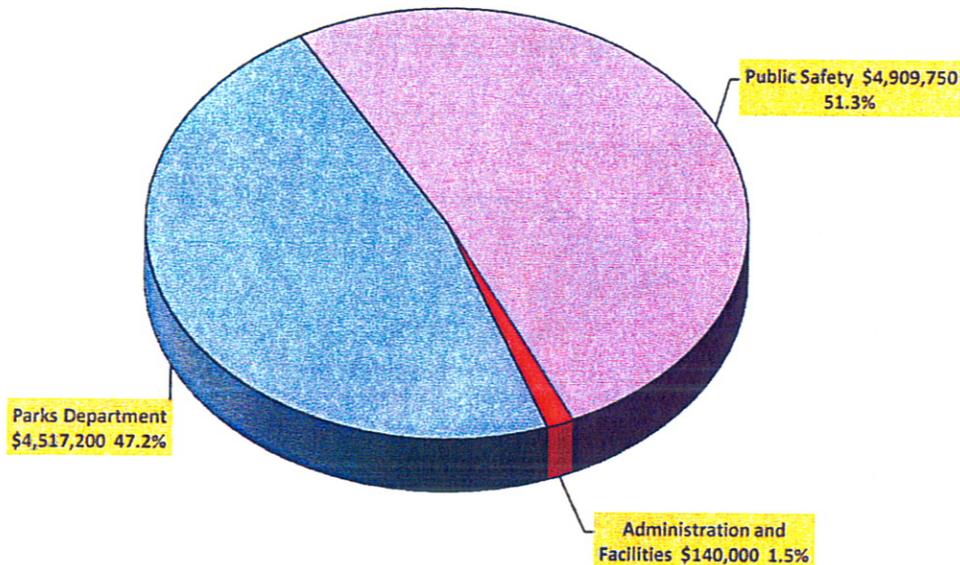
**CIP General Government Summary of Projects  
Capital Improvement Plan 2013 - 2018**

		Total \$ Project 2013 - 2018	2013	2014	2015	2016	2017	2018
<b>POLICE PROJECTS</b>								
L1	Police Technology	103,700	16,300	20,000	15,400	20,000	16,000	16,000
L2	Patrol Car Replacement	291,050	45,000	46,350	47,700	49,200	50,600	52,200
<b>TOTAL POLICE PROJECTS</b>		<b>394,750</b>	<b>61,300</b>	<b>66,350</b>	<b>63,100</b>	<b>69,200</b>	<b>66,600</b>	<b>68,200</b>
<b>FIRE DEPARTMENT PROJECTS</b>								
F1	Replace Primary Fire Engine 98	365,000	365,000					
F2	Replace Reserve Engine	225,000				225,000		
F3	Replace Aid Car	600,000		600,000				
F4	Replace Brush-Truck Chassis	85,000						85,000
F5	New Fire Station and Equipment	3,240,000	25,000			125,000	140,000	2,950,000
<b>TOTAL FIRE PROJECTS</b>		<b>4,515,000</b>	<b>390,000</b>	<b>600,000</b>	<b>125,000</b>	<b>365,000</b>	<b>3,035,000</b>	
<b>PARKS PROJECTS</b>								
P1	Lake Sawyer Boat Launch Imp	715,000	115,000		200,000		100,000	300,000
P2	Lake Sawyer Aquatic Weed Study	40,000	40,000					
P3	Ginder Creek Easement	30,000	30,000					
P4	Ginder Creek Property Acquisition	150,000	150,000					
P5	Grant Matching Funds	60,000	10,000	10,000	10,000	10,000	10,000	10,000
P6	Mine Hazard Assessment Study/Map	15,000	15,000					
P7	Cemetery Waterline Replacement	5,200	5,200					
P8	Ginder Creek Trail Restoration	76,000	28,000	28,000	20,000			
P9	Tree Mitigation	6,000	1,000	1,000	1,000	1,000	1,000	1,000
P10	Regional Trail System Development	300,000				100,000	100,000	100,000
P11	Lake Sawyer Regional Park	3,085,000	10,000			75,000	250,000	2,750,000
P12	Union Stump Memorial Park	20,000					20,000	
P13	Parks Signage	15,000						15,000
<b>TOTAL PARKS PROJECTS</b>		<b>4,517,200</b>	<b>404,200</b>	<b>39,000</b>	<b>231,000</b>	<b>186,000</b>	<b>481,000</b>	<b>3,176,000</b>
<b>ADMINISTRATION AND CITY PROJECTS</b>								
A1	City Technology Capital	120,000	20,000	20,000	20,000	20,000	20,000	20,000
A2	Reroof Police Station	20,000		20,000				
<b>TOTAL ADMIN AND CITY PROJECTS</b>		<b>140,000</b>	<b>20,000</b>	<b>40,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>
<b>TOTAL GENERAL GOVT CAPITAL PROJECTS</b>		<b>9,566,950</b>	<b>875,500</b>	<b>145,350</b>	<b>914,100</b>	<b>400,200</b>	<b>932,600</b>	<b>6,299,200</b>

## General Government Department Summary Capital Improvement Plan 2013 - 2018

	Total \$ Project	2013	2014	2015	2016	2017	2018
<b>Parks Department</b>	4,517,200	404,200	39,000	231,000	186,000	481,000	3,176,000
<b>Public Safety</b>							
Police Department (incl Tech)	394,750	61,300	66,350	63,100	69,200	66,600	68,200
Fire Department	4,515,000	390,000	-	600,000	125,000	365,000	3,035,000
Subtotal	4,909,750	451,300	66,350	663,100	194,200	431,600	3,103,200
<b>Administration and Facilities</b>	140,000	20,000	40,000	20,000	20,000	20,000	20,000
<b>TOTAL Projected Expenditures</b>	<b>\$ 9,566,950</b>	<b>\$ 875,500</b>	<b>\$ 145,350</b>	<b>\$ 914,100</b>	<b>\$ 400,200</b>	<b>\$ 932,600</b>	<b>\$ 6,299,200</b>

**General Government CIP by Type of Funding Total: \$9,566,950**



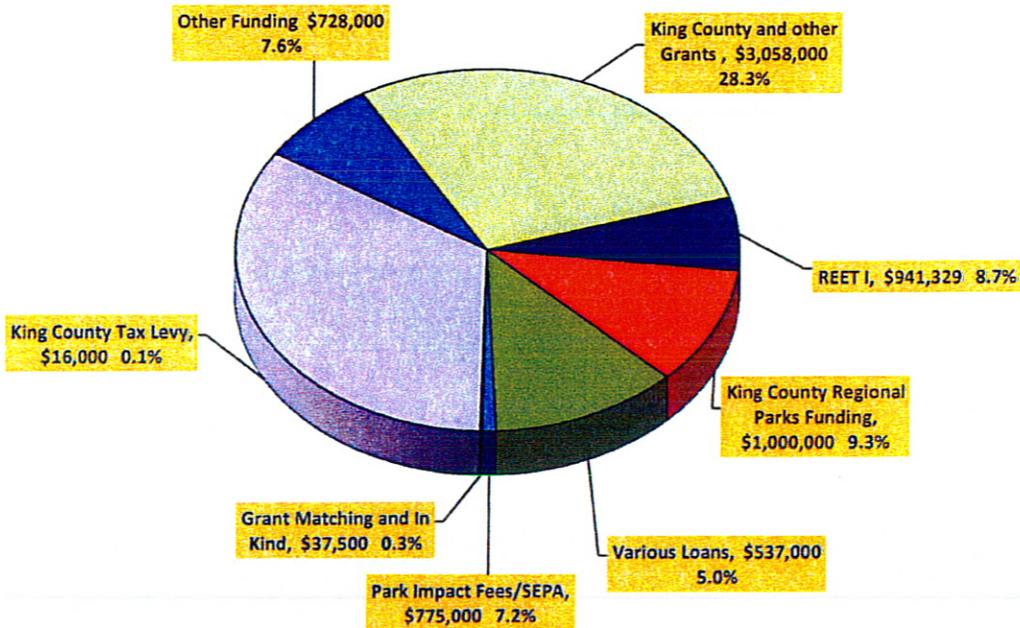
REET I Payments	Total 2013 - 2018	2013	2014	2015	2016	2017	2018
Repay Loan Police Records Sys.	41,600	41,600					
Repay Fire Engine 98 Loan	152,760		30,552	30,552	30,552	30,552	30,552
Repay Replace Engine Loan	170,820				56,940	56,940	56,940
Repay Aid Car Loan	24,972						24,972
<b>Total</b>	<b>\$ 390,152</b>	<b>\$ 41,600</b>	<b>\$ 30,552</b>	<b>\$ 30,552</b>	<b>\$ 87,492</b>	<b>\$ 87,492</b>	<b>\$ 112,464</b>

## CIP General Government Funding Summary

### Capital Improvement Plan 2013 - 2018

<b>REQUESTED FUNDING</b> <i>Includes Debt Repayments</i>	Total \$ Project	2013	2014	2015	2016	2017	2018
King County and Other Grants	2,742,200	322,200	20,000	220,000	100,000	180,000	1,900,000
REET I - Direct	629,750	91,300	116,350	93,100	99,200	116,600	113,200
King County Regional Parks Funding	1,000,000						1,000,000
Various Loans	1,147,000	240,000		600,000		225,000	82,000
Grant Matching and In Kind	83,000	63,000				20,000	
King County Tax Levy	16,000	8,000	8,000				
Bond Sales	3,215,000				125,000	140,000	2,950,000
Other Funding	728,000	150,000			75,000	250,000	253,000
Mitigation Fees	6,000	1,000	1,000	1,000	1,000	1,000	1,000
REET I Debt Repay	390,152	41,600	30,552	30,552	87,492	87,492	112,464
<b>TOTAL SOURCES</b>	<b>9,957,102</b>	<b>917,100</b>	<b>175,902</b>	<b>944,652</b>	<b>487,692</b>	<b>1,020,092</b>	<b>6,411,664</b>
<i>Less Payments on Debt</i>	<b>(390,152)</b>	<b>(41,600)</b>	<b>(30,552)</b>	<b>(30,552)</b>	<b>(87,492)</b>	<b>(87,492)</b>	<b>(112,464)</b>
<b>TOTAL Projects</b>	<b>\$ 9,566,950</b>	<b>\$ 875,500</b>	<b>\$ 145,350</b>	<b>\$ 914,100</b>	<b>\$ 400,200</b>	<b>\$ 932,600</b>	<b>\$ 6,299,200</b>

### General Government CIP by Type of Funding Total: \$9,957,102



### Ongoing Maintenance and Operating Costs

	Total \$ Requested	2013	2014	2015	2016	2017	2018
Trails Improvement Project - Salaries	20,000					10,000	10,000
City Wide Tech Maint. & Subscriptions	199,470	33,245	33,245	33,245	33,245	33,245	33,245
<b>TOTAL OPERATING Gen Govt Costs</b>	<b>219,470</b>	<b>33,245</b>	<b>33,245</b>	<b>33,245</b>	<b>33,245</b>	<b>43,245</b>	<b>43,245</b>

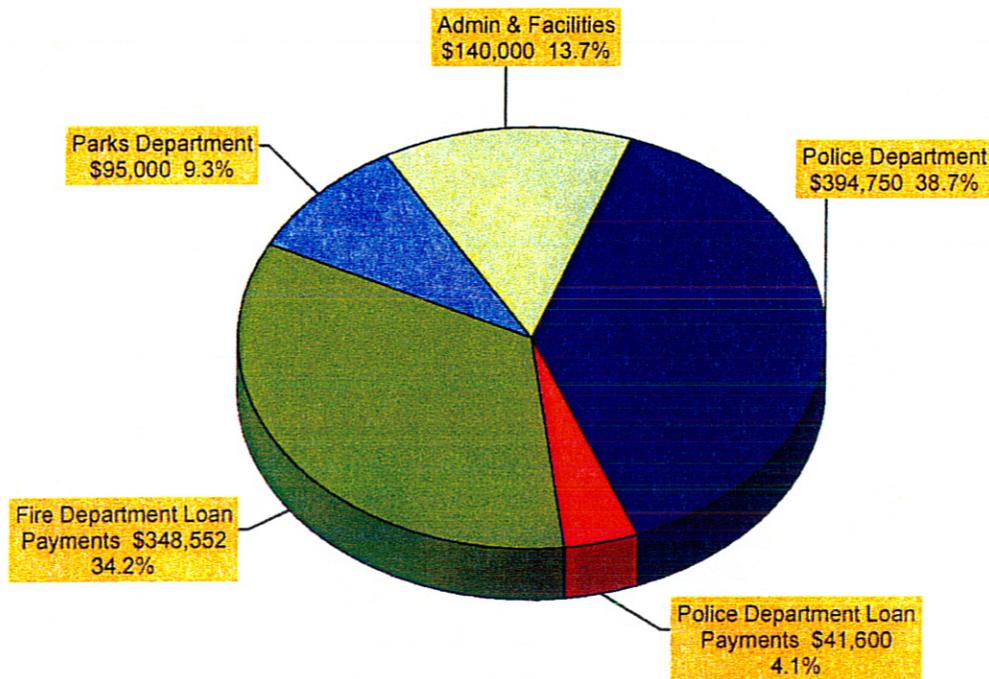
# REET I ANALYSIS SUMMARY (Fund 310)

## Capital Improvement Plan 2013 - 2018

REET I - REVENUE			Capital Plan 2013 - 2018					
	2012 REET I Budgeted & Funded	2013-2018 Summary Total	2013	2014	2015	2016	2017	2018
Beg Fund Balance 104	325,165	279,700	279,700	193,100	132,598	135,446	118,454	137,662
REET Revenue (annual)								
1/4 of 1% REET - Existing Property	39,700	384,000	40,000	48,000	55,000	63,000	81,000	97,000
1/4 of 1% REET - Other new homes		45,200	6,300	6,400	6,500	6,700	7,300	12,000
1/4 of 1% REET - MPD		518,000		32,000	65,000	100,000	135,000	186,000
<b>Subtotal REET I Revenue</b>	<b>39,700</b>	<b>947,200</b>	<b>46,300</b>	<b>86,400</b>	<b>126,500</b>	<b>169,700</b>	<b>223,300</b>	<b>295,000</b>
Reet II Transfer	93,500							
<b>TOTAL Avail. Balance for Gen Govt Projects</b>	<b>458,365</b>	<b>1,226,900</b>	<b>326,000</b>	<b>279,500</b>	<b>259,098</b>	<b>305,146</b>	<b>341,754</b>	<b>432,662</b>
REET I - PROJECT EXPENDITURES			Capital Plan 2013 - 2018					
	2012 REET I Budgeted & Funded	2013-2018 Summary Total	2013	2014	2015	2016	2017	2018
<b>General Government</b>								
A1 City Technology Upgrades	20,000	120,000	20,000	20,000	20,000	20,000	20,000	20,000
A2 Police Reroof		20,000		20,000				
Future Facility Site-Preliminary Engr/Design	17,500							
<b>Subtotal General Government</b>	<b>37,500</b>	<b>140,000</b>	<b>20,000</b>	<b>40,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>
<b>Parks</b>								
P5 Grant Matching	10,000	60,000	10,000	10,000	10,000	10,000	10,000	10,000
P12 Union Stump Memorial Park		20,000					20,000	
P13 Signage for Parks		15,000						15,000
<b>Subtotal Parks Projects with REET I</b>	<b>10,000</b>	<b>95,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>30,000</b>	<b>25,000</b>
<b>Public Safety</b>								
L1 Police Technology Upgrades	8,000	103,700	16,300	20,000	15,400	20,000	16,000	16,000
L2 Vehicle Replacement Plan	45,000	291,050	45,000	46,350	47,700	49,200	50,600	52,200
Repay Police Records Loan 2009	42,000	41,600	41,600					
<b>SUBTOTAL POLICE</b>	<b>95,000</b>	<b>436,350</b>	<b>102,900</b>	<b>66,350</b>	<b>63,100</b>	<b>69,200</b>	<b>66,600</b>	<b>68,200</b>
New Fire Station (study)	1,250							
Two New Fire Vehicles	34,915							
F1-4 Fire Loan Payments (Eng Repl/Aid Car/Brush Trk)		348,552		30,552	30,552	87,492	87,492	112,464
<b>SUBTOTAL FIRE</b>	<b>36,165</b>	<b>348,552</b>		<b>30,552</b>	<b>30,552</b>	<b>87,492</b>	<b>87,492</b>	<b>112,464</b>
<b>Subtotal Public Safety Proj. with REET I</b>	<b>131,165</b>	<b>784,902</b>	<b>102,900</b>	<b>96,902</b>	<b>93,652</b>	<b>156,692</b>	<b>154,092</b>	<b>180,664</b>
<b>Total REET I Projects</b>	<b>178,665</b>	<b>1,019,902</b>	<b>91,300</b>	<b>116,350</b>	<b>93,100</b>	<b>99,200</b>	<b>116,600</b>	<b>113,200</b>
<b>Total REET I Debt</b>		<b>390,152</b>	<b>41,600</b>	<b>30,552</b>	<b>30,552</b>	<b>87,492</b>	<b>87,492</b>	<b>112,464</b>
<b>TOTAL REET I</b>		<b>1,410,054</b>	<b>132,900</b>	<b>146,902</b>	<b>123,652</b>	<b>186,692</b>	<b>204,092</b>	<b>225,664</b>
REET I left for next year (Ending Balance)	279,700	206,998	193,100	132,598	135,446	118,454	137,662	206,998
<b>REET based on Houses sold</b>			<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
Existing Property Sales (in 000's)			62 @\$250	75 @\$255	85 @\$260	95 @\$265	120 @\$270	140 @\$275
Other new home sales (in 000's)			10 @\$250	10 @\$255	10 @\$260	11 @\$265	12 @\$270	17 @\$275
MPD Phase 1 Resulting Sales -non commercial (in 000's)				50 @\$255	100 @\$260	150 @\$265	200 @\$270	270 @\$275
Population Base			4,060	4,087	4,249	4,546	4,981	5,553
Growth Increase (2.7 people per new household)			27	162	297	435	572	775
<b>TOTAL POPULATION</b>			<b>4,087</b>	<b>4,249</b>	<b>4,546</b>	<b>4,981</b>	<b>5,553</b>	<b>6,328</b>

## General Government REET I Summary Capital Improvement Plan 2013 - 2018

<i>Requested Funding</i>	<b>Total \$ Requested</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
Police Department	394,750	61,300	66,350	63,100	69,200	66,600	68,200
<i>Police Department Loan Payments</i>	<i>41,600</i>	<i>41,600</i>					
<i>Fire Department Loan Payments</i>	<i>348,552</i>		<i>30,552</i>	<i>30,552</i>	<i>87,492</i>	<i>87,492</i>	<i>112,464</i>
Parks Department	95,000	10,000	10,000	10,000	10,000	30,000	25,000
Admin & Facilities	140,000	20,000	40,000	20,000	20,000	20,000	20,000
<b>Total REET I Projects</b>	<b>1,019,902</b>	<b>132,900</b>	<b>146,902</b>	<b>123,652</b>	<b>186,692</b>	<b>204,092</b>	<b>225,664</b>



## Police Department CAPITAL PROJECT SUMMARY

Project Title	Capital Plan 2013 - 2018						
	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
L1 Police Technology Capital	103,700	16,300	20,000	15,400	20,000	16,000	16,000
L2 Vehicle Replacement Plan	291,050	45,000	46,350	47,700	49,200	50,600	52,200
<b>POLICE DEPARTMENT TOTAL PROJECTS</b>	<b>394,750</b>	<b>61,300</b>	<b>66,350</b>	<b>63,100</b>	<b>69,200</b>	<b>66,600</b>	<b>68,200</b>

## Capital Improvement Plan 2013 - 2018

**Project for** **Police Department** **# L1**

**PROJECT TITLE** **Police Technology**

**DESCRIPTION** Variety of technology for Police including PC purchases, network upgrades for hard and software, and replacement of printers and copiers.

**COMMENTS** Laptops for all officers. General technology needs in years after.

**CAPITAL PROJECT COSTS**

Laptops - Replacements  
Routers, servers and Operating System  
Upgrades & record sys

**TOTAL COSTS**

**REQUESTED FUNDING**

REET I

**TOTAL SOURCES**

**NON CAPITAL OPERATING COSTS**

Debt Repayment REET I Record Sys

**TOTAL OPERATING**

<b>Capital Plan 2013 - 2018</b>						
<b>Total \$ Requested 2013-2018</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
49,200	8,200	8,200	8,200	8,200	8,200	8,200
54,500	8,100	11,800	7,200	11,800	7,800	7,800
<b>103,700</b>	<b>16,300</b>	<b>20,000</b>	<b>15,400</b>	<b>20,000</b>	<b>16,000</b>	<b>16,000</b>
<b>Total \$ Requested 2013-2018</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
103,700	16,300	20,000	15,400	20,000	16,000	16,000
<b>103,700</b>	<b>16,300</b>	<b>20,000</b>	<b>15,400</b>	<b>20,000</b>	<b>16,000</b>	<b>16,000</b>
<b>Total \$ Requested</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
41,600	41,600					
<b>41,600</b>	<b>41,600</b>					



Servers, Routers and Laptops

## Technology Police

	2013	2014	2015	2016	2017	2018
Users Total	12	12	12	12	12	12
Users Police Officers	10	10	10	10	10	10
Purchase	-	-	-	-	-	-
Replacement	900	900	900	900	900	900
Rugged Laptops	-	-	-	-	-	-
Replacement	8,200	8,200	8,200	8,200	8,200	8,200
<b>PC Software</b>						
Software Purchase	450	450	450	450	450	450
MS Office			3,000			
Software Upgrades	250	250	250	250	250	250
Anti-virus/SPAM	900	900	900	900	900	900
<b>Network</b>						
Server purchases	5,000			5,000		
Server Upgrades		5,000			5,000	
NW/Security Devices		2,000		2,000		2,000
<b>Network Software</b>						
Operating Systems		1,500		1,500		1,500
Backup/WWW	500	500	500	500	500	500
<b>Other purchases</b>						
Video/Audio	200	200	200	200	200	200
Disaster Recovery			1,000			1,000
<b>CAPITAL NEEDS</b>						
Total	16,400	19,900	15,400	19,900	16,400	15,900
Rounding	16,300	20,000	15,400	20,000	16,000	16,000
<b>Ongoing Operating Budget for Subscriptions and Software Maintenance</b>						
For Information only						
PD Records Mgmt	12,000	12,000	12,000	12,000	12,000	12,000
PD Laptop Maint	3,245	3,245	3,245	3,245	3,245	3,245
Rounded Total	15,245	15,245	15,245	15,245	15,245	15,245

# Capital Improvement Plan 2013 - 2018

**Project for the Police Department # L2**

**PROJECT TITLE Patrol Car Replacement Plan**

**DESCRIPTION** The City has created and maintained a vehicle replacement plan with planned expenditures for patrol cars in an effort to replace aging patrol cars before becoming too expensive to maintain and to assure officer safety.

**BACKGROUND** This rotation Plan will allow the force to spend more time on the street and less time delivering them for repairs and maintenance. This plan will allow for replacement roughly every 110,000 miles.

		Capital Plan 2013 - 2018					
CAPITAL PROJECT COSTS	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Capital Outlay	291,050	45,000	46,350	47,700	49,200	50,600	52,200
<b>TOTAL COSTS</b>	<b>291,050</b>	<b>45,000</b>	<b>46,350</b>	<b>47,700</b>	<b>49,200</b>	<b>50,600</b>	<b>52,200</b>
REQUESTED FUNDING	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
REET I	291,050	45,000	46,350	47,700	49,200	50,600	52,200
<b>TOTAL SOURCES</b>	<b>291,050</b>	<b>45,000</b>	<b>46,350</b>	<b>47,700</b>	<b>49,200</b>	<b>50,600</b>	<b>52,200</b>

**Replacement Schedule**

- Car 20 2006 Blk/White
- Car 22 2007 Black
- Car 23 2007 Black
- Car 11 2006 Blk/White
- Car 27 2009 Blk/White
- Car 24 2008 Black/White

	2013	2014	2015	2016	2017	2018
Car 20	45,000					
Car 22		46,350				
Car 23			47,700			
Car 11				49,200		
Car 27					50,600	
Car 24						52,200



## Police Vehicles and Replacement Schedule

Police Vehicles		2012 Ins Value	Mileage	Replacement Year													
				Includes Equipment	Avg Projected	2012	2013	2014	2015	2016	2017	2018	2019	2020			
#	License	YEAR															
		2012 K-9 Tahoe	44,000	14,000	9,000	23,000	37,000	51,000	65,000	79,000	93,000	107,000	121,000				
11	42031D	2006 Blk/White	9,525	14,000	65,100	79,100	93,100	107,100	121,100	14,000	28,000	42,000	56,000				
20	42030D	2006 Blk/White	21,800	14,000	79,800	93,800	14,000	28,000	42,000	56,000	70,000	84,000	98,000				
22	43927D	2007 Black	23,500	18,000	72,300	90,300	108,300	18,000	36,000	54,000	72,000	90,000	108,000				
24	46801D	2008 Black/White	24,530	8,000	34,500	42,500	50,500	58,500	66,500	74,500	82,500	90,500	98,500				
23	45553D	2007 Black	24,775	18,000	69,913	87,913	105,913	123,913	18,000	36,000	54,000	72,000	90,000				
26	46699D	2008 Black	21,035	8,000	34,800	42,800	50,800	58,800	66,800	74,800	82,800	90,800	98,800				
27	47720D	2009 Blk/White	25,460	14,000	45,300	59,300	73,300	87,300	101,300	115,300	14,000	28,000	42,000				
28	49285D	2009 Blk/White	25,460	14,000	39,200	53,200	67,200	81,200	95,200	109,200	123,200	14,000	28,000				
29	54171D	2011 B/W	43,000	14,000	14,500	28,500	42,500	56,500	70,500	84,500	98,500	112,500	14,000				
21	42033D	2006 Blk/White	16,800	5,000	58,705	63,705	68,705	73,705	78,705	83,705	88,705	93,705	98,705				
			\$ 235,885		Cip Timeframe												

## Police Department CAPITAL PROJECT SUMMARY

Expenditure Summary							
Project Title	Capital Plan 2013 - 2018						
	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
L1 Police Technology Capital	103,700	16,300	20,000	15,400	20,000	16,000	16,000
L2 Vehicle Replacement Plan	291,050	45,000	46,350	47,700	49,200	50,600	52,200
<b>TOTAL EXPENDITURES</b>	<b>394,750</b>	<b>61,300</b>	<b>66,350</b>	<b>63,100</b>	<b>69,200</b>	<b>66,600</b>	<b>68,200</b>
<b>Loan Payments</b>							
L4 Repay Police Records 2009 Loan (5 yr)	41,600	41,600					
<b>Total Loan Payment</b>	<b>41,600</b>	<b>41,600</b>					
Funding Sources							
REQUESTED FUNDING	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
<b>REET I</b>							
L1 Police Technology Capital	103,700	16,300	20,000	15,400	20,000	16,000	16,000
L2 Vehicle Replacement Plan	291,050	45,000	46,350	47,700	49,200	50,600	52,200
L4 Repay Pol. Records 2009 Loan (5 yr)	41,600	41,600					
<b>Subtotal REET I</b>	<b>436,350</b>	<b>102,900</b>	<b>66,350</b>	<b>63,100</b>	<b>69,200</b>	<b>66,600</b>	<b>68,200</b>
<b>POLICE DEPARTMENT SUBTOTAL</b>	<b>436,350</b>	<b>102,900</b>	<b>66,350</b>	<b>63,100</b>	<b>69,200</b>	<b>66,600</b>	<b>68,200</b>
<b>Less Loan Payments</b>	<b>(41,600)</b>	<b>(41,600)</b>					
<b>TOTAL FUNDING FOR POLICE PROJECTS</b>	<b>394,750</b>	<b>61,300</b>	<b>66,350</b>	<b>63,100</b>	<b>69,200</b>	<b>66,600</b>	<b>68,200</b>

## Fire Department

### CAPITAL PROJECT SUMMARY

Project Title	Capital Plan 2013 - 2018						
	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
F1 Replace Primary Fire Engine 98	365,000	365,000					
F2 Replace Reserve Engine	600,000			600,000			
F3 Replace Aid Car	225,000					225,000	
F4 Replace Brush Truck Chassis	85,000						85,000
F5 New Fire Station and Equipment (Growth)	3,240,000	25,000			125,000	140,000	2,950,000
<b>FIRE DEPARTMENT TOTAL PROJECTS</b>	<b>4,515,000</b>	<b>390,000</b>		<b>600,000</b>	<b>125,000</b>	<b>365,000</b>	<b>3,035,000</b>

## Capital Improvement Plan 2013 - 2018

**Project for the** **Fire Department** **# F1**

**PROJECT TITLE** **Replace Primary Fire Engine (2000)**

**DESCRIPTION** This project replaces the newest engine in the fleet with a suitable, demo pumper having better long-term maintenance prospects.

**BACKGROUND** The present vehicle experienced a major mechanical malfunction during 2010 annual service testing. Repairs cost over \$21,000 and required more than four months to complete. Only one service center bid on the overhaul because of difficulties obtaining replacement parts.

**COMMENTS** The Fire Maintenance Supervisor recommends replacing the current pumper now with a 3 to 4 year old used one, to offset the higher cost of replacement. A State sponsored loan is one means of funding this project. Cost projections below are based on 5% interest rate over a 10 year term.

		Capital Plan 2013 - 2018					
CAPITAL PROJECT COSTS	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Capital Outlay	365,000	365,000					
<b>TOTAL COSTS</b>	<b>365,000</b>	<b>365,000</b>	-	-	-	-	-
REQUESTED FUNDING	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Loan Plan	240,000	240,000					
Surplus Equipment Sale	125,000	125,000					
<b>TOTAL SOURCES</b>	<b>365,000</b>	<b>365,000</b>	-	-	-	-	-
NON CAPITAL OPERATING COSTS	Total \$ Requested	2013	2014	2015	2016	2017	2018
REET I Debt Repay (5yr @5%)	152,760		30,552	30,552	30,552	30,552	30,552
<b>TOTAL OPERATING</b>	<b>152,760</b>	-	<b>30,552</b>	<b>30,552</b>	<b>30,552</b>	<b>30,552</b>	<b>30,552</b>



Engine 98 to be sold and replaced

## Capital Improvement Plan 2013 - 2018

**Project for the** **Fire Department** **# F2**

**PROJECT TITLE** **Replace Reserve Engine**

**DESCRIPTION** Replace reserve engine # 981 and extend the service life of front-line engine.

**BACKGROUND** Engine 981 is a Pierce brand engine custom built for Kent Fire in 1986. The City later purchased this engine used. It has more than 155,000 miles on the odometer and 12,000 hours in use.

**COMMENTS** Replacing Engine 981 moves the newest engine to a reserve status and prolongs its service life. A fifteen year loan at 5% interest adds about \$254,000 in financing costs.

		Capital Plan 2013 - 2018					
<i>CAPITAL PROJECT COSTS</i>	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Capital Outlay	600,000			600,000			
<b>TOTAL COSTS</b>	<b>600,000</b>	-	-	600,000	-	-	-
<i>REQUESTED FUNDING</i>	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Loan Purchase Plan	600,000			600,000			
<b>TOTAL SOURCES</b>	<b>600,000</b>	-	-	600,000	-	-	-

<i>NON CAPITAL OPERATING COSTS</i>	Total \$ Requested	2013	2014	2015	2016	2017	2018
REET I Debt Repay (15yr @5%)	170,820				56,940	56,940	56,940
<b>TOTAL OPERATING</b>	<b>170,820</b>	-	-	-	56,940	56,940	56,940



Engine #981

## Capital Improvement Plan 2013 - 2018

**Project for the** **Fire Department** **# F3**

**PROJECT TITLE** **Replace Aid Car**

**DESCRIPTION** Replace Aid 98 to provide reliable patient transport capability.

**BACKGROUND** Aid 98 is a 1994 Ford purchased by City surplus from King County Medic One. This vehicle shows over 143,160 miles. This is the only aid car owned by the City and maintenance costs are expected to increase with age in continued front-line use.

**COMMENTS** At the estimated cost of \$225,000, a twelve year loan assuming a 5% interest rate would be \$24,972 per year.

		Capital Plan 2013 - 2018					
<i>CAPITAL PROJECT COSTS</i>	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Capital Outlay	225,000				-	225,000	
<b>TOTAL COSTS</b>	<b>225,000</b>	-	-	-	-	225,000	-
<i>REQUESTED FUNDING</i>	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Loan Purchase Plan	225,000				-	225,000	-
<b>TOTAL SOURCES</b>	<b>225,000</b>	-	-	-	-	225,000	-

<i>NON CAPITAL OPERATING COSTS</i>	Total \$ Requested	2013	2014	2015	2016	2017	2018
REET I Debt Repay (12yr @5%)	24,972						24,972
<b>TOTAL OPERATING</b>	<b>24,972</b>						24,972



Aid Car 98



## Capital Improvement Plan 2013 - 2018

**Project for the** **# F4**  
**Fire Department**

**PROJECT TITLE** **Replace Brush-Truck Chassis**

**DESCRIPTION** Replace chassis of Brush 98 to improve safety and increase the usefulness of the vehicle. The standard chassis is too small, allowing only a half fill.

**BACKGROUND** Present vehicle, while relatively new and low mileage, exceeds manufacturers gross vehicle weight when fully loaded with water. A heavier duty chassis increases the quantity of water safely carried by the vehicle and the "Class A" foam system improves efficiency of the water used.

**COMMENTS** Selling the present chassis as surplus equipment helps offset the estimated \$85,000 project cost which includes 5 years of financing at 5% interest rate through the State LOCAL loan Plan.

		Capital Plan 2013 - 2018					
CAPITAL PROJECT COSTS	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Capital Outlay	85,000						85,000
<b>TOTAL COSTS</b>	<b>85,000</b>	-	-	-	-	-	<b>85,000</b>
		Capital Plan 2013 - 2018					
REQUESTED FUNDING	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Loan Purchase Plan	82,000						82,000
Surplus Sale of Equip.	3,000						3,000
<b>TOTAL SOURCES</b>	<b>85,000</b>	-	-	-	-	-	<b>85,000</b>



Example of a Brush Truck with Chassis

## Capital Improvement Plan 2013 - 2018

**Project for the** **Fire Department** **# F5**

**PROJECT TITLE** **New Fire Station and Equipment - Growth Related**

**DESCRIPTION** Provide a satellite fire station sited and equipped to enhance fire and emergency medical service delivery in the community. This initiative begins with a site location study, proceeds to construct the station, and ends with a complement of essential equipment in service at the new facility.

**BACKGROUND** Service needs within the community will change with growth. This project seeks to determine the optimal location, build approximately 8,000 square feet of fire station at \$405 per square foot within the next six year at a cost of approximately \$3,240,000. Additional growth related equipment of a Fire Pumper, Aid Car, Brush Truck, & Support Vehicle will be needed in later years after more growth has occurred.

**COMMENTS** Financing for this project may be a 20 year bond issue at 5% interest. Payments of the debt will be 83.73% developer responsibility of approximately \$213,190 (from fire impact fees), and the City portion at 16.27% of the total, with payments of \$41,426. This is per the Fire District Impact Fee Study, (IFS p.17). The City share of payments will need to come from REET, Sales Tax from new construction or other sources.

		<b>Capital Plan 2013 - 2018</b>					
<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested 2013-2018</b>	2013	2014	2015	2016	2017	2018
Preliminary Engineering	75,000	-			75,000		
Construction Engineering	70,000		-		-	70,000	
Design Engineering	145,000	25,000			50,000	70,000	
Construction Costs (bldg)	2,950,000						2,950,000
<b>TOTAL COSTS</b>	<b>3,240,000</b>	<b>25,000</b>	<b>-</b>	<b>-</b>	<b>125,000</b>	<b>140,000</b>	<b>2,950,000</b>
		<b>Capital Plan 2013 - 2018</b>					
<b>REQUESTED FUNDING</b>	<b>Total \$ Requested 2013-2018</b>	2013	2014	2015	2016	2017	2018
Bond Sales	3,215,000				125,000	140,000	2,950,000
Other Financing	25,000	25,000					
<b>TOTAL SOURCES</b>	<b>3,240,000</b>	<b>25,000</b>	<b>-</b>	<b>-</b>	<b>125,000</b>	<b>140,000</b>	<b>2,950,000</b>



New Fire Station 96

## Fire Department CAPITAL PROJECT SUMMARY

Expenditure Summary by Project							
Project Title	Capital Plan 2013 - 2018						
	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
F1 Replace Primary Fire Engine 98	365,000	365,000					
F2 Replace Reserve Engine	600,000			600,000			
F3 Replace Aid Car	225,000					225,000	
F4 Replace Brush Truck Chassis	85,000						85,000
F5 New Fire Station and Equipment (Growth)	3,240,000	25,000			125,000	140,000	2,950,000
<b>TOTAL EXPENDITURES</b>	<b>4,515,000</b>	<b>390,000</b>		<b>600,000</b>	<b>125,000</b>	<b>365,000</b>	<b>3,035,000</b>
Funding Sources							
<b>Loans to Finance Projects</b>							
F1 Engine 98 Replace (10 yr)	240,000	240,000					
F2 Replace Reserve Engine (15 yr)	600,000			600,000			
F3 Replace Aid Car (12 yr)	225,000					225,000	
F4 Replace Brush Truck Chassis (5 yr)	82,000						82,000
Total Loans	<b>1,147,000</b>	<b>240,000</b>		<b>600,000</b>		<b>225,000</b>	<b>82,000</b>
<b>REET I</b>							
F1 Engine 98 Replace (Loan Payment 10 yr)	152,760		30,552	30,552	30,552	30,552	30,552
F2 Replace Reserve Engine (Loan Payment 15 yr)	170,820				56,940	56,940	56,940
F3 Replace Aid Car (Loan Payment 12 yr)	24,972						24,972
Total REET I Funding	<b>348,552</b>		<b>30,552</b>	<b>30,552</b>	<b>87,492</b>	<b>87,492</b>	<b>112,464</b>
<b>Bond Sales</b>							
F5 New Fire Station and Equipment	3,215,000				125,000	140,000	2,950,000
Total Bond Sales	<b>3,215,000</b>				<b>125,000</b>	<b>140,000</b>	<b>2,950,000</b>
<b>Other Financing</b>							
F1 Replace Engine 98 (Surplus Funding)	125,000	125,000					
F4 Brush Truck Chassis (Surplus Funding)	3,000						3,000
F5 New Fire Station & Eq. (Surplus Funding)	25,000	25,000					
Total Other Financing	<b>153,000</b>	<b>150,000</b>					<b>3,000</b>
<b>FIRE DEPT SUBTOTAL</b>	<b>4,863,552</b>	<b>390,000</b>	<b>30,552</b>	<b>630,552</b>	<b>212,492</b>	<b>452,492</b>	<b>3,147,464</b>
Less Loan Payment Amounts	<b>(348,552)</b>		<b>(30,552)</b>	<b>(30,552)</b>	<b>(87,492)</b>	<b>(87,492)</b>	<b>(112,464)</b>
<b>TOTAL FIRE PROJECTS</b>	<b>4,515,000</b>	<b>390,000</b>		<b>600,000</b>	<b>125,000</b>	<b>365,000</b>	<b>3,035,000</b>

## Parks Department CAPITAL PROJECT SUMMARY

Expenditure Summary by Project							
Project Name	Capital Plan 2013 - 2018						
	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
P1 Lake Sawyer Boat Launch Improvements	715,000	115,000		200,000		100,000	300,000
P2 Lake Sawyer Aquatic Weed Study	40,000	40,000					
P3 Ginder Creek Easement	30,000	30,000					
P4 Ginder Creek Property Acquisition	150,000	150,000					
P5 Grant Matching Funds	60,000	10,000	10,000	10,000	10,000	10,000	10,000
P6 Mine Hazard Assessment Study/Map	15,000	15,000					
P7 Cemetery Waterline Replacement	5,200	5,200					
P8 Ginder Creek Trail Restoration	76,000	28,000	28,000	20,000			
P9 Tree Mitigation	6,000	1,000	1,000	1,000	1,000	1,000	1,000
P10 Regional Trail System Development	300,000				100,000	100,000	100,000
P11 Lake Sawyer Regional Park	3,085,000	10,000			75,000	250,000	2,750,000
P12 Union Stump Memorial Park	20,000					20,000	
P13 Parks Signage	15,000						15,000
<b>PARKS DEPARTMENT TOTAL PROJECTS</b>	<b>4,517,200</b>	<b>404,200</b>	<b>39,000</b>	<b>231,000</b>	<b>186,000</b>	<b>481,000</b>	<b>3,176,000</b>

# Capital Improvement Plan 2013 - 2018

**Project for the Parks Department # P1**

**PROJECT TITLE Lake Sawyer Boat Launch Park Improvements**

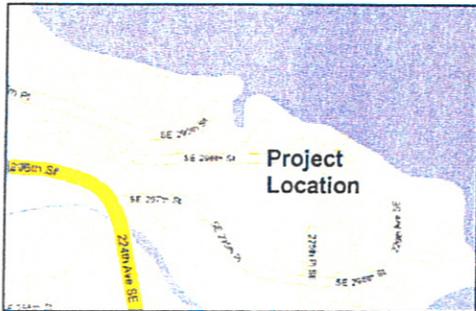
**DESCRIPTION** Existing boat launch facility on the west end of Lake Sawyer off of 296th Avenue.

**BACKGROUND** A low-impact parking addition was completed in 2009 with the use of grants awarded by King County and the King Conservation District. A small portion of City funds were utilized in order to complete the project. The ramp was repaired in the Summer of 2011 by the Public Works Department utilizing grant matching funds. Based on the conceptual site plan produced in 2009 by Anchor Environmental Services, items remaining to be completed include the addition of a pier, playground equipment, restrooms, slope stability issues and improvements to the trailer parking area.

**CAPITAL PROJECT COSTS**

Construction Costs  
Design/Permitting Costs  
**TOTAL COSTS**

Capital Plan 2013 - 2018						
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
500,000			200,000			300,000
215,000	115,000				100,000	
<b>715,000</b>	<b>115,000</b>	<b>-</b>	<b>200,000</b>	<b>-</b>	<b>100,000</b>	<b>300,000</b>
<b>REQUESTED FUNDING</b>						
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
280,000			200,000		80,000	
50,000	30,000				20,000	
385,000	85,000					300,000
<b>715,000</b>	<b>115,000</b>	<b>-</b>	<b>200,000</b>	<b>-</b>	<b>100,000</b>	<b>300,000</b>



Lake Sawyer Boat Launch



## Capital Improvement Plan 2013 - 2018

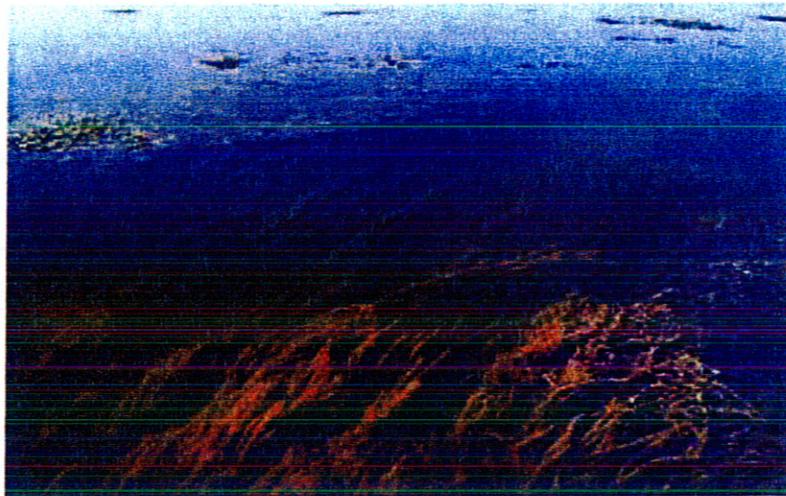
**Project for the Parks Department # P2**

**PROJECT TITLE Lake Sawyer Aquatic Weed Management Plan**

**DESCRIPTION** Develop an Aquatic Weed Management Plan for approval from the Department of Ecology.

**BACKGROUND** The City and King County joined forces in putting together a project application for the development of an Aquatic Weed Management Plan utilizing City and County resources. The application was approved and the City was awarded \$25,000 towards developing the plan.

		Capital Plan 2013 - 2018					
<i>CAPITAL PROJECT COSTS</i>	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Permitting	40,000	40,000					
<b>TOTAL COSTS</b>	<b>40,000</b>	<b>40,000</b>	-	-	-	-	-
		Capital Plan 2013 - 2018					
<i>REQUESTED FUNDING</i>	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
DOE Grant	25,000	25,000					
Other - Grant Matching	7,000	7,000					
In-Kind Contribution	8,000	8,000					
<b>TOTAL SOURCES</b>	<b>40,000</b>	<b>40,000</b>	-	-	-	-	-



Invasive Milfoil

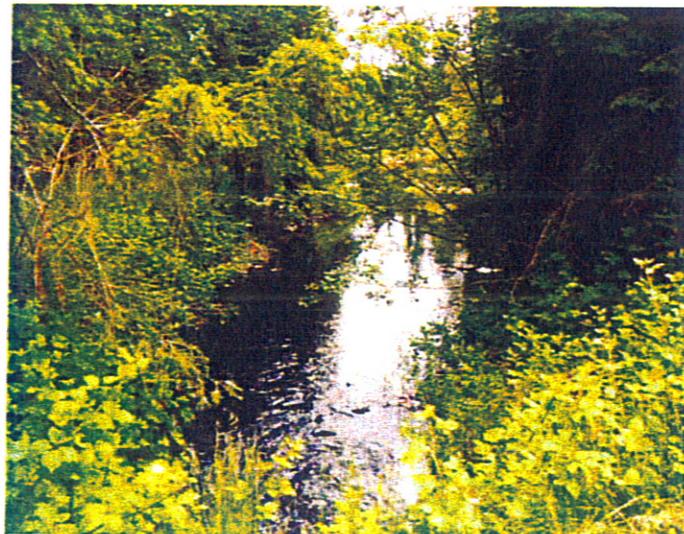
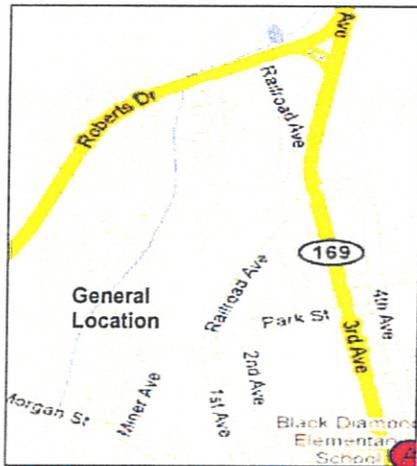
## Capital Improvement Plan 2013 - 2018

**Project for the** **Parks Department** **# P3**

**PROJECT TITLE** **Ginder Creek Easement**

**DESCRIPTION** Acquisition of trail easement to the Ginder Creek property, and a possible alternative access point.

		Capital Plan 2013 - 2018					
<i>CAPITAL PROJECT COSTS</i>	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Land/Right of Way	30,000	30,000					
<b>TOTAL COSTS</b>	<b>30,000</b>	<b>30,000</b>	-	-	-	-	-
		Capital Plan 2013 - 2018					
<i>REQUESTED FUNDING</i>	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Conservation Futures Grant	15,000	15,000					
Other Grants or Sources	15,000	15,000					
<b>TOTAL SOURCES</b>	<b>30,000</b>	<b>30,000</b>	-	-	-	-	-



Ginder Creek

## Capital Improvement Plan 2013 - 2018

**Project for the** **Parks Department** **# P4**

**PROJECT TITLE** **Ginder Creek Property Acquisition**

**DESCRIPTION**

Acquisition of Ginder Creek trail property. Conservation Futures or other grant money will be pursued for this purchase.

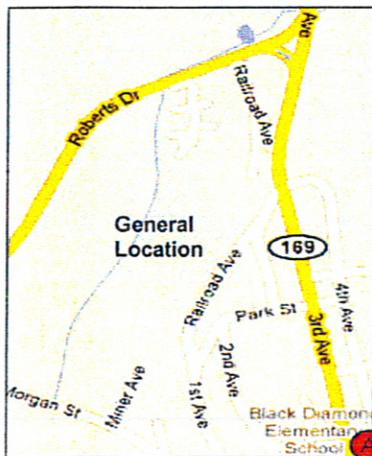
**CAPITAL PROJECT COSTS**

Capital Plan 2013 - 2018						
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Land/Right of Way	150,000	150,000				
<b>TOTAL COSTS</b>	<b>150,000</b>	<b>150,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Conservation Futures Grant	150,000	150,000				
<b>TOTAL SOURCES</b>	<b>150,000</b>	<b>150,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

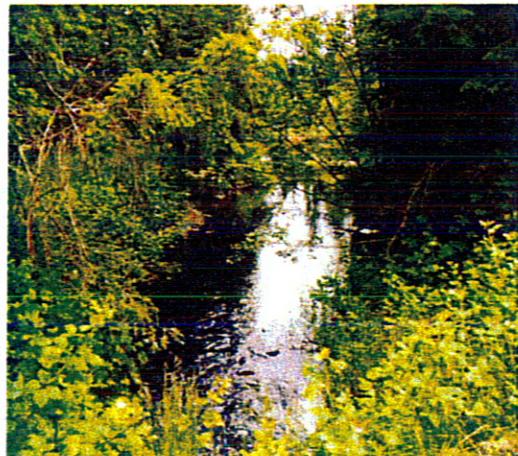
**REQUESTED FUNDING**

Conservation Futures Grant

**TOTAL SOURCES**



Ginder Creek



## Capital Improvement Plan 2013 - 2018

**Project for the** **Parks Department** **# P5**

**PROJECT TITLE** **Grant Matching Funds**

**DESCRIPTION**

Funds earmarked for matching grant requirements for Parks, Recreation and Open Space projects throughout the City of Black Diamond.

		Capital Plan 2013 - 2018					
<i>CAPITAL PROJECT COSTS</i>	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Transfer Reserves	60,000	10,000	10,000	10,000	10,000	10,000	10,000
<b>TOTAL COSTS</b>	<b>60,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>
<i>REQUESTED FUNDING</i>	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
REET I	60,000	10,000	10,000	10,000	10,000	10,000	10,000
<b>TOTAL SOURCES</b>	<b>60,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>



### What is a matching grant?



A matching grant is a contingent grant awarded only if the receiving entity is able to put up (or independently raise) a sum equal to the amount provided by the granting entity.

## Capital Improvement Plan 2013 - 2018

**Project for the** **Parks Department** **# P6**

**PROJECT TITLE** **Mine Hazard Assessment Study/Map**

**DESCRIPTION** Mine hazard study and the production of a map identifying Declassified, Low, Moderate and High mine hazard areas within the City of Black Diamond.

**BACKGROUND** Budget limitations restricted a detailed professional analysis of past mining activities including depths and locations in determining areas within the City that would identified as a Declassified, Low, Moderate or Severe mine hazard areas throughout the City. Current maps give a general location, as budget allowed in the development of the Sensitive Areas Ordinance, within the City, where these mine hazards may exist, but offer little in detail. The code requires that an analysis be done by a qualified professional for development within these potential mine hazard areas, which encompasses a good portion of the City limits of Black Diamond. A subsequent study and generation of a mine hazard map would aide staff in making determinations where further analysis may or may not be required in accordance with code and help save money for citizens that would like to do additions, replace existing structures, etc. for minimal cost to the City as researched by staff. Staff will continue to look for grants in order for this study to occur.

		<b>Capital Plan 2013 - 2018</b>					
	<b>Total \$ Requested 2013- 2018</b>	2013	2014	2015	2016	2017	2018
<b>CAPITAL PROJECT COSTS</b>							
Study	15,000	15,000					
<b>TOTAL COSTS</b>	<b>15,000</b>	<b>15,000</b>	-	-	-	-	-
	<b>Total \$ Requested 2013- 2018</b>	2013	2014	2015	2016	2017	2018
<b>REQUESTED FUNDING</b>							
4 Culture or DOC Grant	15,000	15,000					
<b>TOTAL SOURCES</b>	<b>15,000</b>	<b>15,000</b>	-	-	-	-	-

## Capital Improvement Plan 2013 - 2018

**Project for the** **Parks Department** **# P7**

**PROJECT TITLE** **Cemetery Waterline Replacement Project**

**DESCRIPTION** Replace approximately 600 lineal feet of steel water service line into the cemetery and replace with anti-freeze spigots.

**BACKGROUND** The existing line is made out of steel and continually springs leaks that maintenance staff have to repair and costs the City money. A new 1" poly line will be installed by city staff to ensure no more leaks in the future.

		Capital Plan 2013 - 2018					
<i>CAPITAL PROJECT COSTS</i>	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Construction Costs	5,200	5,200					
<b>TOTAL COSTS</b>	<b>5,200</b>	<b>5,200</b>	-	-	-	-	-
<i>REQUESTED FUNDING</i>	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Other - 4-Culture Grant	2,200	2,200					
Other - In kind	3,000	3,000					
<b>TOTAL SOURCES</b>	<b>5,200</b>	<b>5,200</b>	-	-	-	-	-



Black Diamond Cemetery

## Capital Improvement Plan 2013 - 2018

**Project for the** **Parks Department** **# P8**

**PROJECT TITLE** **Ginder Creek Trail Restoration**

**DESCRIPTION** Restoration of the riparian buffer along the City's Ginder Creek property and a trail system development on the property.

**BACKGROUND** A major focus in Black Diamond has been creating a town that is walkable and pedestrian friendly with natural amenities that appeal to everyone. This project will focus on developing this along the City's property on it's Ginder Creek property.

		Capital Plan 2013 - 2018					
<i>CAPITAL PROJECT COSTS</i>	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Trail Improvements	16,000	8,000	8,000				
Construction Costs	60,000	20,000	20,000	20,000			
<b>TOTAL COSTS</b>	<b>76,000</b>	<b>28,000</b>	<b>28,000</b>	<b>20,000</b>	-	-	-
<i>REQUESTED FUNDING</i>	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Other/Unknown	60,000	20,000	20,000	20,000			
King County Tax Levy	16,000	8,000	8,000				
<b>TOTAL SOURCES</b>	<b>76,000</b>	<b>28,000</b>	<b>28,000</b>	<b>20,000</b>	-	-	-



Ginder Creek

## Capital Improvement Plan 2013 - 2018

**Project for the** **Parks Department** **# P9**

**PROJECT TITLE** **Tree Mitigation Fund**

**DESCRIPTION** Tree mitigation fund for planting trees where needed within the City.

**BACKGROUND** A tree mitigation fund was developed with the passage of Black Diamond's tree ordinance in 2008. These funds have been set aside to help with the City with planting projects and Earth Day events throughout the City.

Capital Plan 2013 - 2018							
	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
<b>CAPITAL PROJECT COSTS</b>							
Capital Outlay	6,000	1,000	1,000	1,000	1,000	1,000	1,000
<b>TOTAL COSTS</b>	<b>6,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>
	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
<b>REQUESTED FUNDING</b>							
Tree Mitigation Funds	6,000	1,000	1,000	1,000	1,000	1,000	1,000
<b>TOTAL SOURCES</b>	<b>6,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>

The City planted a young Sequoia tree at the corner of HWY 169 & Roberts Drive in late 2010



## Capital Improvement Plan 2013 - 2018

**Project for the** **Parks Department** **# P10**

**PROJECT TITLE** **Trail System Development**

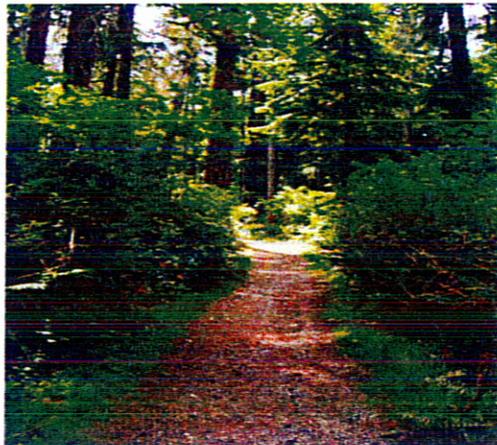
**DESCRIPTION** The specific area of interest includes large-scale trail improvement throughout the City connecting master planned communities and the downtown area.

**BACKGROUND** A major focus in Black Diamond has been creating a town that is walkable and pedestrian friendly. This program will help further this focus. In 2011, a comprehensive trail plan was completed and adopted that allows the City more flexibility in applying for grant resources.

Capital Plan 2013 - 2018							
CAPITAL PROJECT COSTS	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Construction Costs	300,000				100,000	100,000	100,000
<b>TOTAL COSTS</b>	<b>300,000</b>	-	-	-	100,000	100,000	100,000

REQUESTED FUNDING	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
King County Grant	300,000				100,000	100,000	100,000
<b>TOTAL SOURCES</b>	<b>300,000</b>	-	-	-	100,000	100,000	100,000

NON CAPITAL OPERATING COSTS	Total \$ Requested	2013	2014	2015	2016	2017	2018
Trail System Maintenance	20,000					10,000	10,000
<b>TOTAL OPERATING</b>	<b>20,000</b>	-	-	-	-	10,000	10,000



A well maintained King County trail

## Capital Improvement Plan 2013 - 2018

**Project for the** **Parks Department** **# P11**

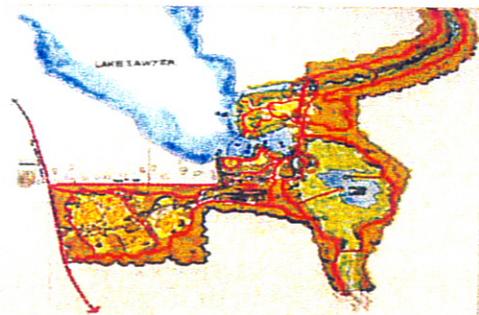
**PROJECT TITLE** **Lake Sawyer Regional Park**

**DESCRIPTION** Regional facility on the south end of Lake Sawyer area.

**BACKGROUND** This is raw land that has an adopted conceptual plan by the Black Diamond City Council (2008).

**COMMENTS** The concept plan suggests to establish a logical, progressive phased construction plan that develops the park from Lake Sawyer Park in. Grants, REET and other funding sources shall be pursued. The City hopes to partner with the County and other local municipalities on regional park development. 2018 is scheduled for \$2,750,000 (Grant and King County monies) to finish phase I of the project. The \$10,000 grant in 2013 is for a bulkhead.

		Capital Plan 2013 - 2018					
<i>CAPITAL PROJECT COSTS</i>	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Preliminary Engineering	85,000	10,000			75,000		
Construction Engineering	250,000						250,000
Design Engineering	250,000					250,000	
Construction Costs	2,500,000						2,500,000
<b>TOTAL COSTS</b>	<b>3,085,000</b>	<b>10,000</b>	<b>-</b>	<b>-</b>	<b>75,000</b>	<b>250,000</b>	<b>2,750,000</b>
		Capital Plan 2013 - 2018					
<i>REQUESTED FUNDING</i>	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
RCO Grant	1,500,000						1,500,000
Environmental Grant	10,000	10,000					
Other/Unknown	575,000				75,000	250,000	250,000
King County Regional Parks	1,000,000						1,000,000
<b>TOTAL SOURCES</b>	<b>3,085,000</b>	<b>10,000</b>			<b>75,000</b>	<b>250,000</b>	<b>2,750,000</b>



Lake Sawyer Park

## Capital Improvement Plan 2013 - 2018

**Project for the** **Parks Department** **# P12**

**PROJECT TITLE** **Union Stump Memorial Park**

**DESCRIPTION** Union Stump Memorial Park is located at the corner of Cemetery Road and Roberts Drive. It is a very small park.

**BACKGROUND** Park was established at the turn of the century. The fence was repaired in 2009, leaving formal parking to be established. This project includes design of the parking area in 2016.

**CAPITAL PROJECT COSTS**

Construction Costs

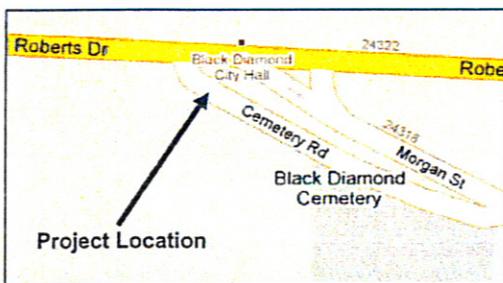
**TOTAL COSTS**

**REQUESTED FUNDING**

REET I

**TOTAL SOURCES**

Capital Plan 2013 - 2018						
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
20,000					20,000	
<b>20,000</b>	-	-	-	-	<b>20,000</b>	-
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
20,000					20,000	
<b>20,000</b>	-	-	-	-	<b>20,000</b>	-



Union Stump Memorial Park

# Capital Improvement Plan 2013 - 2018

**Project for the** **Parks Department** **# P13**

**PROJECT TITLE** **Parks Signage**

**DESCRIPTION** Park facility signs will be placed throughout the City of Black Diamond.

**BACKGROUND** The City updated its Parks comprehensive plan and rules within the past few years. Signage has been identified as crucial to informing the public with regard to these facilities. This money will be utilized to update signage within these facilities.

Capital Plan 2013 - 2018							
	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
<b>CAPITAL PROJECT COSTS</b>							
Capital Outlay	15,000						15,000
<b>TOTAL COSTS</b>	<b>15,000</b>	-	-	-	-	-	<b>15,000</b>
	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
<b>REQUESTED FUNDING</b>							
REET I	15,000	-	-	-	-		15,000
<b>TOTAL SOURCES</b>	<b>15,000</b>	-	-	-	-		<b>15,000</b>



Park Signage Examples

## Parks Department CAPITAL PROJECT SUMMARY

Expenditure Summary by Project							
Project Name	Capital Plan 2013 - 2018						
	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
P1 Lake Sawyer Boat Launch Improvements	715,000	115,000		200,000		100,000	300,000
P2 Lake Sawyer Aquatic Weed Study	40,000	40,000					
P3 Ginder Creek Easement	30,000	30,000					
P4 Ginder Creek Property Acquisition	150,000	150,000					
P5 Grant Matching Funds	60,000	10,000	10,000	10,000	10,000	10,000	10,000
P6 Mine Hazard Assessment Study/Map	15,000	15,000					
P7 Cemetery Waterline Replacement	5,200	5,200					
P8 Ginder Creek Trail Restoration	76,000	28,000	28,000	20,000			
P9 Tree Mitigation	6,000	1,000	1,000	1,000	1,000	1,000	1,000
P10 Regional Trail System Development	300,000				100,000	100,000	100,000
P11 Lake Sawyer Regional Park	3,085,000	10,000			75,000	250,000	2,750,000
P12 Union Stump Memorial Park	20,000					20,000	
P13 Parks Signage	15,000						15,000
<b>TOTAL PLANNED EXPENDITURES</b>	<b>4,517,200</b>	<b>404,200</b>	<b>39,000</b>	<b>231,000</b>	<b>186,000</b>	<b>481,000</b>	<b>3,176,000</b>
Funding Sources							
	Capital Plan 2013 - 2018						
	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
<b>Recreation &amp; Conservation Grant (RCO)</b>							
P1 Lake Sawyer Boat Launch Improv.	385,000	85,000					300,000
P4 Ginder Creek Property Acquisition	150,000	150,000					
P11 Lake Sawyer Regional Park	1,500,000						1,500,000
<b>DOE Grant</b>							
P2 Lake Sawyer Aquatic Program (IAVMP)	25,000	25,000					
P11 Lake Sawyer Regional Park	10,000	10,000					
<b>King County Grant</b>							
P1 Lake Sawyer Boat Launch Improvements	280,000			200,000		80,000	
P10 Regional Trail System Development	300,000				100,000	100,000	100,000
<b>Other/Unknown</b>							
P8 Ginder Creek Trail Restoration	60,000	20,000	20,000	20,000			
P3 Ginder Creek Easement	15,000	15,000					

**Parks Projects Funding Sources, cont.**

	Capital Plan 2013 - 2018						
	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
<b>4 - Culture Grant (or DOC)</b>							
P6 Mine Hazard Assessment Study/Map	15,000	15,000					
P7 Cemetery Waterline Project	2,200	2,200					
<b>Total Grant Funding</b>	<b>2,742,200</b>	<b>322,200</b>	<b>20,000</b>	<b>220,000</b>	<b>100,000</b>	<b>180,000</b>	<b>1,900,000</b>
<b>King County Regional Parks Funding</b>							
P11 Lake Sawyer Regional Park	1,000,000						1,000,000
<b>Total County Regional Parks Funding</b>	<b>1,000,000</b>						<b>1,000,000</b>
<b>County Tax Levy for Regional Parks</b>							
P8 Ginder Creek Trail Restoration	16,000	8,000	8,000				
<b>Total County Tax Levy for Parks</b>	<b>16,000</b>	<b>8,000</b>	<b>8,000</b>				
<b>Grant Matching</b>							
P1 Lake Sawyer Boat Launch Improvements	50,000	30,000				20,000	
P2 Lake Sawyer Aquatic Program (IAVMP)	7,000	7,000					
<b>Total Grant Matching</b>	<b>57,000</b>	<b>37,000</b>				<b>20,000</b>	
<b>REET I Funding</b>							
P5 Grant Matching Fund	60,000	10,000	10,000	10,000	10,000	10,000	10,000
P12 Union Stump Memorial Park	20,000					20,000	
P13 Signage for Parks	15,000						15,000
<b>Total REET I Funding</b>	<b>95,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>30,000</b>	<b>25,000</b>
<b>Other Unknown Funding</b>							
P11 Lake Sawyer Regional Park	575,000				75,000	250,000	250,000
<b>Total Impact Fee Funding</b>	<b>575,000</b>				<b>75,000</b>	<b>250,000</b>	<b>250,000</b>
<b>Other Funding - Tree Mitigation Monies</b>							
P9 Tree Mitigation	6,000	1,000	1,000	1,000	1,000	1,000	1,000
<b>Total Tree Mitigation Funding</b>	<b>6,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>
<b>Other Funding (in-kind, etc.)</b>							
P2 Lake Sawyer Aquatic Program	8,000	8,000					
P3 Ginder Creek Easement	15,000	15,000					
P7 Cemetery Waterline Project	3,000	3,000					
<b>Other Funding (in-kind, etc.)</b>	<b>26,000</b>	<b>26,000</b>					
<b>TOTAL PARKS PROJECT FUNDING</b>	<b>4,517,200</b>	<b>404,200</b>	<b>39,000</b>	<b>231,000</b>	<b>186,000</b>	<b>481,000</b>	<b>3,176,000</b>
<b>Ongoing Maintenance and Operating Costs</b>							
	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
P10 Trail Maintenance (wages & benefits)	20,000					10,000	10,000
<b>TOTAL MAINTENANCE &amp; OPERATING</b>	<b>20,000</b>					<b>10,000</b>	<b>10,000</b>

## City Administration and Facilities CAPITAL PROJECT SUMMARY

	Capital Plan 2013 - 2018						
	Total \$ Requested 2013 - 2018	2013	2014	2015	2016	2017	2018
A1 City Technology Upgrades	120,000	20,000	20,000	20,000	20,000	20,000	20,000
A2 Reroof Police Building	20,000		20,000				
<b>ADMIN &amp; FACILITIES DEPT TOTAL EXPENDITURES</b>	<b>140,000</b>	<b>20,000</b>	<b>40,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>

## Capital Improvement Plan 2013 - 2018

**Project for** **Administration and Facilities** **#** **A1**

**PROJECT TITLE** **City Technology - Capital**

**DESCRIPTION** Variety of technology upgrades to the City including PC purchases, software purchases, network upgrades hard and software and printers. (see next page) These City upgrades exclude Police, as that department has a separate technology project list.

**BACKGROUND** This project is for PC replacements and other capital technology for the City. This includes servers, network and network software, disaster software and other technology.

		Capital Plan 2013 - 2018					
<i>CAPITAL PROJECT COSTS</i>	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
PC, Printers, Software	65,100	10,100	9,600	16,100	9,600	10,100	9,600
Network	36,000	6,000	8,000		8,000	6,000	8,000
Network Software, Audio & Misc.	14,400	2,400	2,400	2,400	2,400	2,400	2,400
Disaster Recovery Software	4,500	1,500		1,500		1,500	
<i>TOTAL COSTS</i>	<b>120,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>
<i>REQUESTED FUNDING</i>	Total \$ Requested 2012-2018	2013	2014	2015	2016	2017	2018
REET I	120,000	20,000	20,000	20,000	20,000	20,000	20,000
<i>TOTAL SOURCES</i>	<b>120,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>

## Technology Non Police

	Yr	2013	2014	2015	2016	2017	2018
	Users	25	25	25	25	25	25
	p/user						
<b>PCs</b>							
Purchase	1,250	-	-	-	-	-	-
Replacement	900	5,625	5,625	5,625	5,625	5,625	5,625
Printers/Mice/Access	100	625	625	625	625	625	625
<b>PC Software</b>							
Software Purchase	150	938	938	938	938	938	938
MS Office	250			6,250			
Software Upgrades	100	1,000	1,000	1,000	1,000	1,000	1,000
Anti-virus/SPAM	50	1,875	1,875	1,875	1,875	1,875	1,875
<b>Network</b>							
Server purchases	6,000	6,000				6,000	
Server Upgrades	6,000		6,000		6,000		6,000
NW/Security Devices	2,000		2,000		2,000		2,000
<b>Network Software</b>							
Operating Systems	1,200	1,200	1,200	1,200	1,200	1,200	1,200
Backup/WWW	800	800	800	800	800	800	800
<b>Other purchases</b>							
Video/Audio	400	400	400	400	400	400	400
Disaster Recovery	1,500	1,500		1,500		1,500	

CAPITAL BUDGET		2013	2014	2015	2016	2017	2018
Totals		19,963	20,463	20,213	20,463	19,963	20,463
Rounding		20,000	20,000	20,000	20,000	20,000	20,000
Permit Trax		6,500	6,500	6,500	6,500	6,500	6,500
Vision Financial		4,500	4,500	4,500	4,500	4,500	4,500
Prof Services		3,000	3,000	3,000	3,000	3,000	3,000
Subscriptions		500	500	500	500	500	500
Maint/Repair		1,500	1,500	1,500	1,500	1,500	1,500
Training		1,500	1,500	1,500	1,500	1,500	1,500
Maint/Operating		<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
Rounded Total		<b>18,000</b>	<b>18,000</b>	<b>18,000</b>	<b>18,000</b>	<b>18,000</b>	<b>18,000</b>

## Capital Improvement Plan 2013 - 2018

**Project for the Administration and Facilities # A2**

**PROJECT TITLE Reroof Police Station**

**DESCRIPTION** The Police Station will be overdue for a new roof.

		Capital Plan 2013 - 2018						
		Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
<b>CAPITAL PROJECT COSTS</b>	Construction Costs	20,000		20,000				
	Contingency							
	<b>TOTAL COSTS</b>	20,000	-	20,000	-	-	-	-
		Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
<b>REQUESTED FUNDING</b>	REET 1	20,000		20,000				
	<b>TOTAL SOURCES</b>	20,000	-	20,000	-	-	-	-



## City Administration and Facilities CAPITAL PROJECT SUMMARY

Capital Plan 2013 - 2018							
	Total \$ Requested 2013 - 2018	2013	2014	2015	2016	2017	2018
A1 City Technology Upgrades	120,000	20,000	20,000	20,000	20,000	20,000	20,000
A2 Reroof Police Building	20,000		20,000				
<b>ADMIN &amp; FACILITIES DEPT TOTAL EXPENDITURES</b>	<b>140,000</b>	<b>20,000</b>	<b>40,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>
Funding Sources							
	Total \$ Requested 2013 - 2018	2013	2014	2015	2016	2017	2018
<b>REET I</b>							
A1 City Technology Upgrades	120,000	20,000	20,000	20,000	20,000	20,000	20,000
A2 Reroof Police Building	20,000		20,000				
<b>Total REET I Funding</b>	<b>140,000</b>	<b>20,000</b>	<b>40,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>
<b>TOTAL FUNDING FOR ADMIN &amp; FACILITIES</b>	<b>140,000</b>	<b>20,000</b>	<b>40,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>



# CITY OF BLACK DIAMOND

## 2012 Schedule 2013 – 2018 Capital Improvement Plan (CIP) (Regular scheduled Council meetings in BOLD)

	Process	Internal Due Date	Committee Meetings	Workstudy	City Council Meetings
1	CIP Planning Meeting with Mayor/Brenda	Feb 21 3:00			
2	CIP Call letter to affected departments (include goals, rules and timelines)	March 13			
3	Departments prepare detailed requests and submit to City Administration and Finance	March 13 - 30			
4	Finance prepares operating revenue sources for affected funds such as Street, Sewer, Water, Drainage and General Government and provides 2013-2018 worksheets to managers	March 30			
5	Finance prepares draft spreadsheet combining revenues and department requests for internal review with Administration	April 10			
6	Administration and Finance meet departments to review options	Apr 11-Apr 20			
7	1 <sup>st</sup> CIP Committee Meeting for Public Works		April 27 10:00		
9	1 <sup>st</sup> Finance Committee Meeting for Public Works		May 11 1:00		
10	CIP Committee Meeting for Parks		May 17 10:00		
11	CIP Committee Meeting for Public Safety		May 18 Special Mtg 10:00		
12	2 <sup>nd</sup> CIP Finance Committee Meeting		May 31 9:00		
13	CIP Council Workstudy Public Works only			June 7 5:30	
14	Public Hearings on proposed 2013 – 2018 CIP				June 7
15	CIP Council Workstudy: Non-Public Works			June 13 Special Mtg 4:00	
16	Council adopts 2013 – 2018 CIP				June 21

