

City of Black Diamond

2013 – 2018

Capital Improvement Plan



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



4.3 MG Water Reservoir

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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

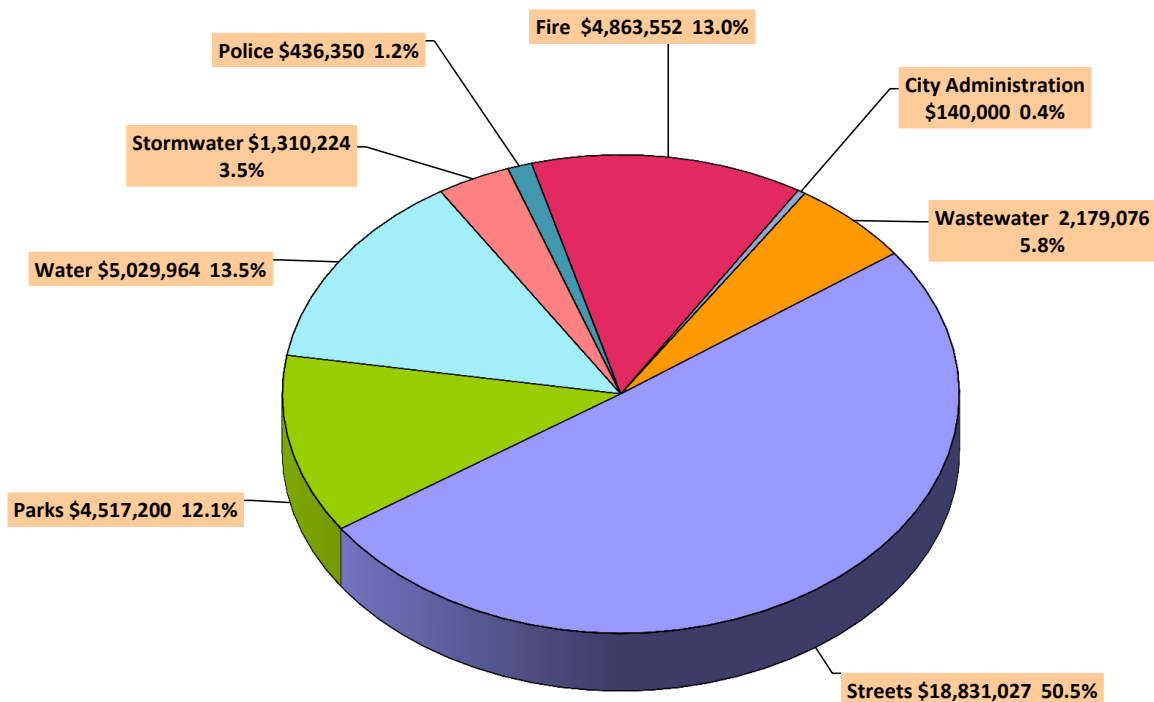
The Capital Improvement Plan is updated annually. Each year individual projects are submitted by department directors. They use a template provided by Finance staff. These requests include an update of current projects and projections on new projects and anticipated costs. Each project must have specific 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

	Total \$ Project 2013 - 2018	2013	2014	2015	2016	2017	2018
Departments							
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
TOTAL Project COSTS	37,307,393	2,172,100	3,120,902	6,824,652	2,621,112	8,428,512	14,140,115
Less Payments on Debt	(665,443)	(41,600)	(30,552)	(30,552)	(135,912)	(135,912)	(290,915)
TOTAL Projects	\$ 36,641,950	\$ 2,130,500	\$ 3,090,350	\$ 6,794,100	\$ 2,485,200	\$ 8,292,600	\$ 13,849,200

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

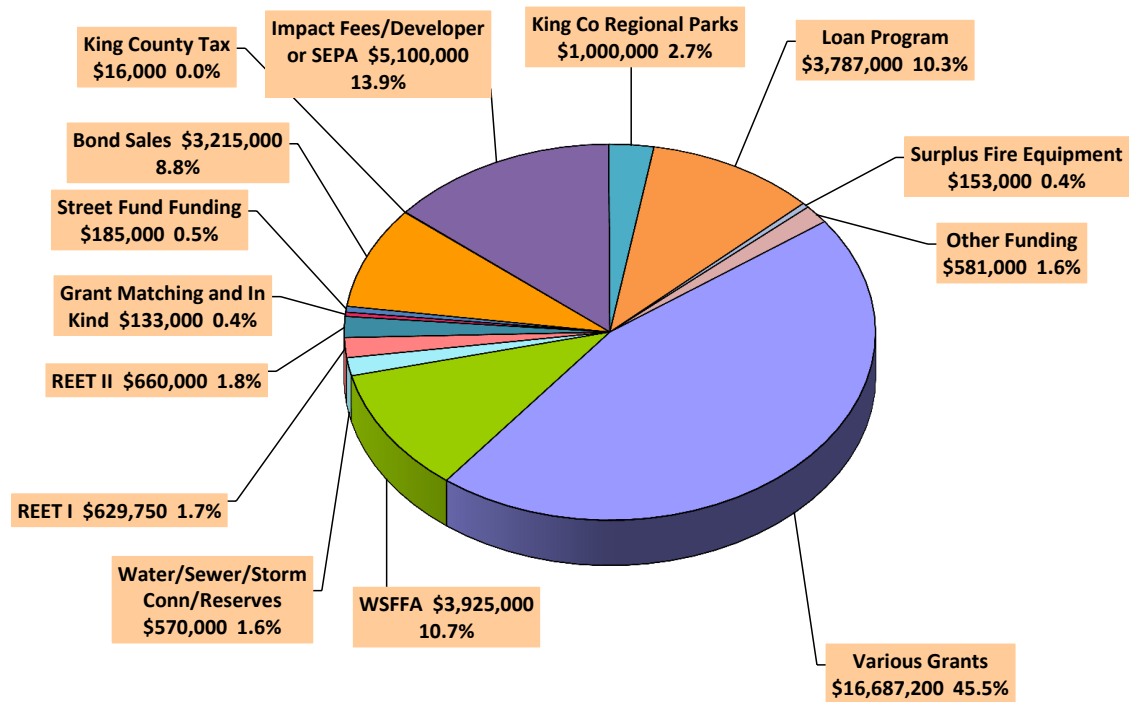


CIP All Funds Revenue Summary

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
TOTAL SOURCES	36,641,950	2,130,500	3,090,350	6,794,100	2,485,200	8,292,600	13,849,200

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
Total Non Capital Operating Costs	884,913	33,245	33,245	33,245	33,245	43,245	43,245

CIP Public Works Summary of Projects

Capital Improvement Plan 2013 - 2018

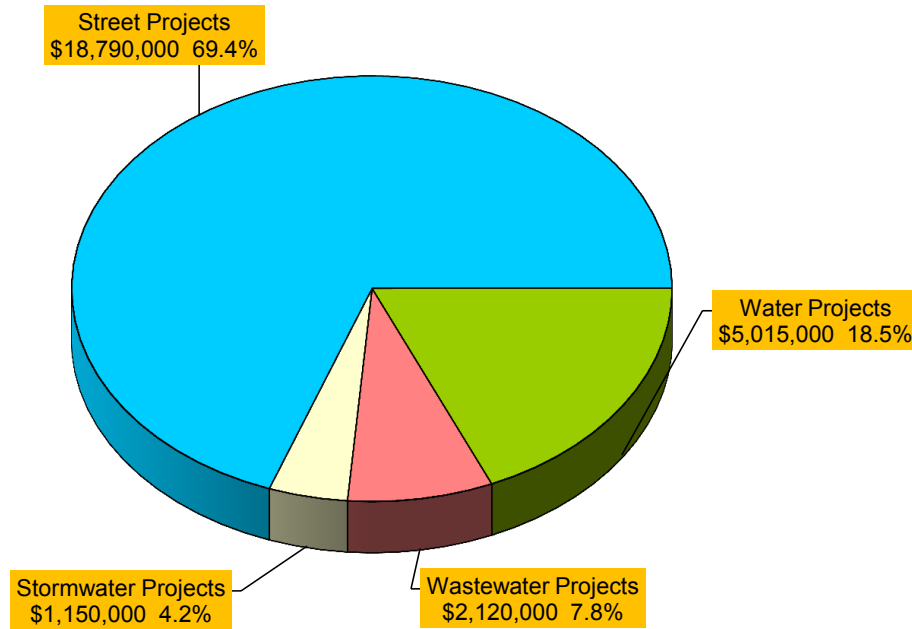
	Total \$ Project 2013 - 2018	2013	2014	2015	2016	2017	2018
STREET PROJECTS							
T1 General Street Improvement	180,000	30,000	30,000	30,000	30,000	30,000	30,000
T2 SE 288th Street Overlay	150,000	150,000					
T3 Roberts Drive/State Rt 169 Roundabout	3,430,000	550,000	600,000	2,280,000			
T4 Morganville 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 PROJECTS	18,790,000	810,000	810,000	2,955,000	1,455,000	5,940,000	6,820,000
WATER PROJECTS							
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
WATER PROJECTS	5,015,000	415,000	1,975,000	1,825,000		100,000	700,000
WASTEWATER PROJECTS							
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	
WASTEWATER PROJECTS	2,120,000	30,000	80,000	280,000	380,000	1,320,000	30,000
STORMWATER PROJECTS							
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			
STORMWATER PROJECTS	1,150,000		80,000	820,000	250,000		
TOTAL PUBLIC WORKS CAPITAL PROJECTS		27,075,000	1,255,000	2,945,000	5,880,000	2,085,000	7,360,000

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		
TOTAL Project COSTS	\$ 27,075,000	\$1,255,000	\$2,945,000	\$5,880,000	\$2,085,000	\$7,360,000	\$7,550,000

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



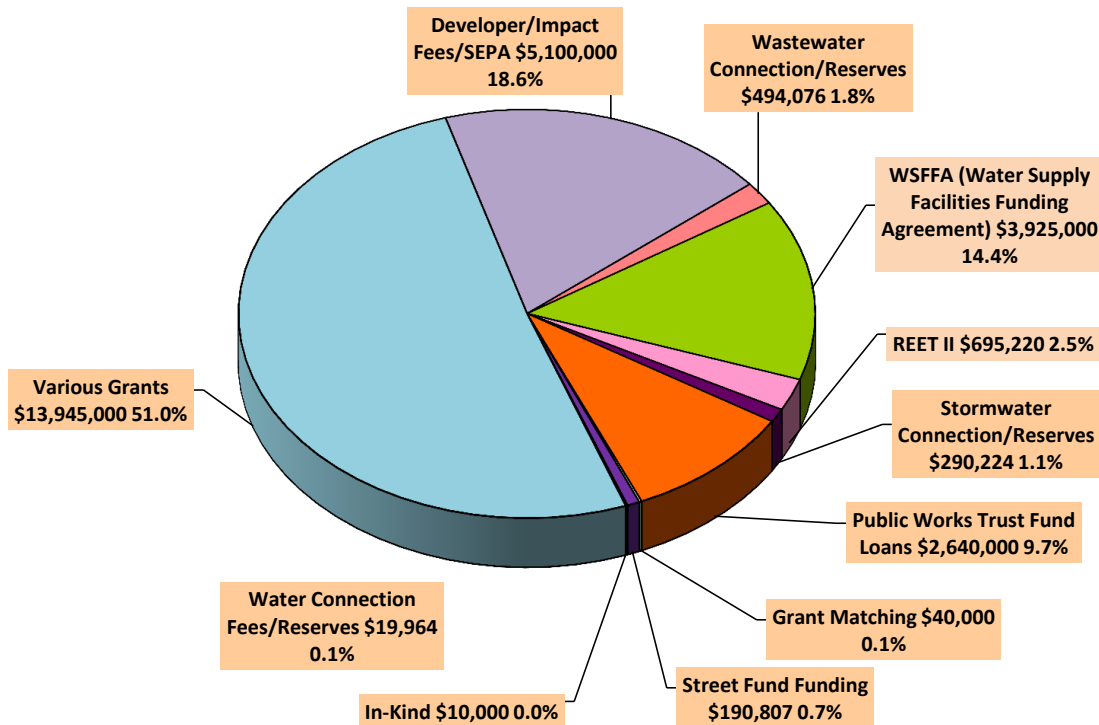
CIP Public Works Revenue Summary

Capital Improvement Plan 2013 - 2018

REQUESTED FUNDING <i>Includes Debt Repayments</i>	Total \$ Project 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					
TOTAL SOURCES	\$27,350,291	\$1,255,000	\$2,945,000	\$5,880,000	\$2,133,420	\$7,408,420	\$7,728,451
Less Payments on Debt	(275,291)				(48,420)	(48,420)	(178,451)
TOTAL Projects	27,075,000	1,255,000	2,945,000	5,880,000	2,085,000	7,360,000	7,550,000

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
Subtotal REET II Revenue	40,500	947,200	46,300	86,400	126,500	169,700	223,300	295,000
Other Sources and Uses								
Transfer to 104 Gen Fund Capital Projects	(93,500)	-						
TOTAL Available Balance for Street Projects	434,785	1,213,203	312,303	278,703	305,203	364,903	468,203	623,203
REET II PROJECT EXPENDITURES			Capital Plan 2013 - 2018					
	2012 REET II Budgeted & Funded	2013-2018 Summary Total	2013	2014	2015	2016	2017	2018
Street Projects								
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							
Subtotal Street Projects funded with REET II	168,782	665,220	90,000	100,000	110,000	120,000	140,000	105,220
Water Projects								
W2 Reservoir Maintenance and Painting		15,000	15,000					
W3 5th Avenue Water Main Replacement		15,000	15,000					
Subtotal Water Projects funded with REET II		30,000	30,000					
Total Projects FUNDED BY REET II	168,782	695,220	120,000	100,000	110,000	120,000	140,000	105,220
REET II Left for Next Year (Ending Fund Balance)	266,003	517,983	192,303	178,703	195,203	244,903	328,203	517,983

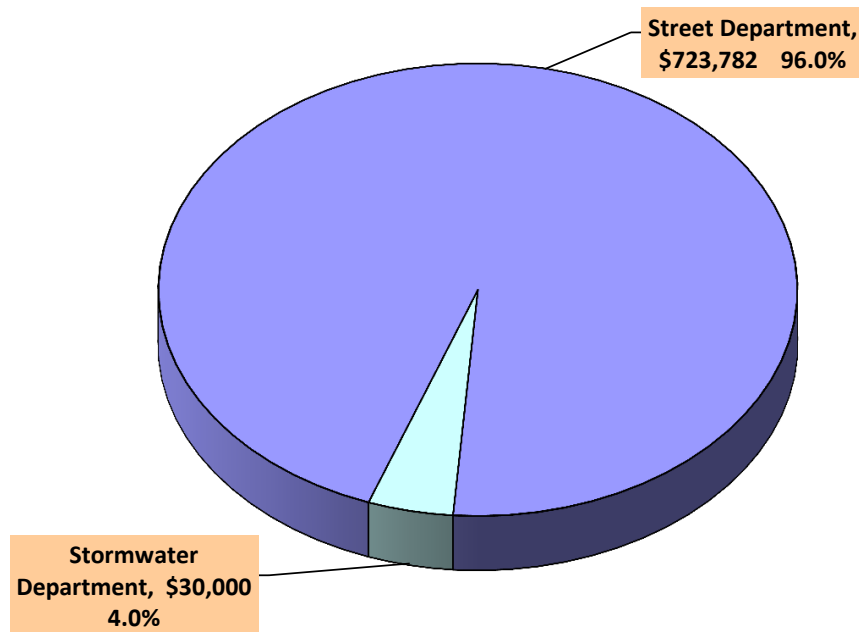
REET based on Houses sold	2013	2014	2015	2016	2017	2018
Existing Property Sales (in 000's)	62 @\$250	75 @\$255	85 @\$260	95 @\$265	120 @\$270	140 @\$275
Other New Home Sales (in 000's)	10 @\$250	10 @\$255	10 @\$260	11 @\$265	12 @\$270	17 @\$275
MPD Phase 1 Resulting Sales -Non Commercial (in 000's)		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
TOTAL POPULATION	4,087	4,249	4,546	4,981	5,553	6,328

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					
Total REET II Projects	695,220	120,000	100,000	110,000	120,000	140,000	105,220

Total REET II: \$695,220



Street Department (Transportation Projects)

CAPITAL PROJECT 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

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					
		2013	2014	2015	2016	2017	2018
CAPITAL PROJECT COSTS	Total \$ Requested 2013-2018						
Construction Costs	180,000	30,000	30,000	30,000	30,000	30,000	30,000
TOTAL COSTS	180,000	30,000	30,000	30,000	30,000	30,000	30,000
REQUESTED FUNDING	Total \$ Requested 2013-2018						
Street Funds	180,000	30,000	30,000	30,000	30,000	30,000	30,000
TOTAL SOURCES	180,000	30,000	30,000	30,000	30,000	30,000	30,000



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					
CAPITAL PROJECT COSTS	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
	Construction Engineering	10,000	10,000				
	Construction Costs	140,000	140,000				
	TOTAL COSTS	150,000	150,000	-	-	-	-
REQUESTED FUNDING	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				
	TOTAL SOURCES	150,000	150,000	-	-	-	-



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.

CAPITAL PROJECT COSTS

Land/Right of Way
Preliminary Engineering
Environ Engr & Permitting
Construction Engineering
Design Engineering
Construction Costs
Environ Mitigation
Project Administration

		Capital Plan 2013 - 2018					
Total \$ Requested 2013-2018		2013	2014	2015	2016	2017	2018
400,000	400,000						
150,000	150,000						
300,000			300,000				
180,000				180,000			
200,000			200,000				
2,000,000				2,000,000			
100,000				100,000			
100,000			100,000				
3,430,000		550,000	600,000	2,280,000	-	-	-

REQUESTED FUNDING

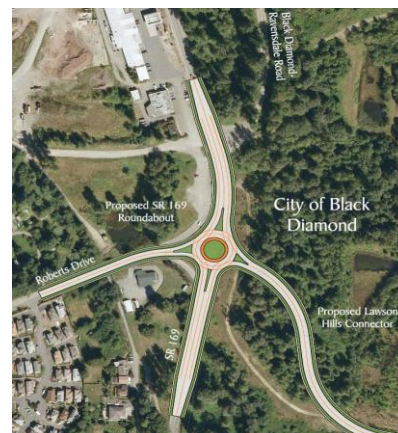
Developer
Grants

Total \$ Requested 2013-2018		2013	2014	2015	2016	2017	2018
1,130,000	550,000	300,000	280,000				
2,300,000		300,000	2,000,000				
3,430,000		550,000	600,000	2,280,000	-	-	-

TOTAL SOURCES



Proposed Roundabout



Capital Improvement Plan 2013 - 2018

Project for the **Street Department** # **T4**

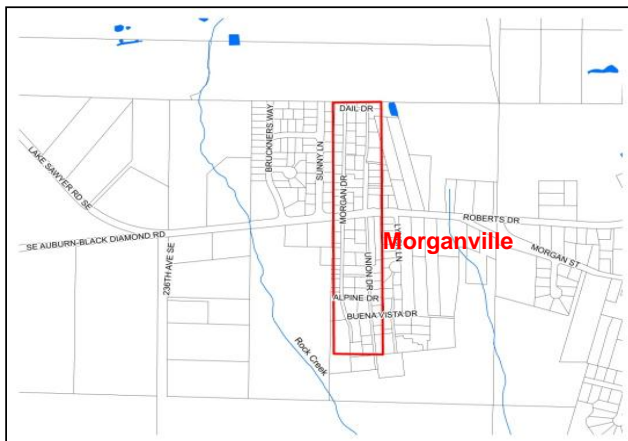
PROJECT TITLE **Intersection Improvements in Morganville**

DESCRIPTION Widen the intersections in Morganville. Surveying and right of way purchases will be needed. The goal of the project is to improve sight distance and turning radius at the intersections for safety and better truck and bus access.

BACKGROUND This area was developed many years ago before car and truck access standards were developed.

COMMENTS The budget will be revisited once the survey and pre-design is complete. The City will cooperatively negotiate for the right of way acquisition with the affected property owners to provide a safer street network.

	Total \$ Requested 2013-2018	Capital Plan 2013 - 2018					
		2013	2014	2015	2016	2017	2018
CAPITAL PROJECT COSTS							
Land/Right of Way	20,000	20,000					
Design Engineering	80,000	20,000	60,000				
TOTAL COSTS	100,000	40,000	60,000	-	-	-	-
REQUESTED FUNDING							
Real Estate Excise Tax II	100,000	40,000	60,000				
TOTAL SOURCES	100,000	40,000	60,000	-	-	-	-



Six Intersections

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					
CAPITAL PROJECT COSTS	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
TOTAL COSTS	240,000	40,000	40,000	40,000	40,000	40,000	40,000
REQUESTED FUNDING	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
TOTAL SOURCES	240,000	40,000	40,000	40,000	40,000	40,000	40,000



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.

CAPITAL PROJECT COSTS

Design Engineering
Construction Costs

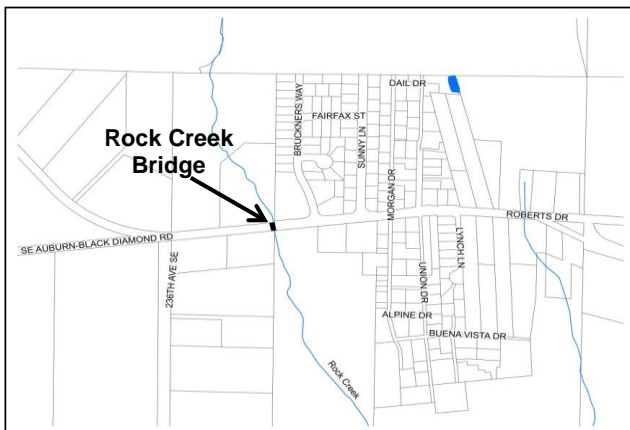
TOTAL COSTS

REQUESTED FUNDING

Developer/Impact Fees/SEPA
TIB Grant
Grant Matching Funds

TOTAL SOURCES

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

Land/Right of Way
Design Engineering
Construction Costs

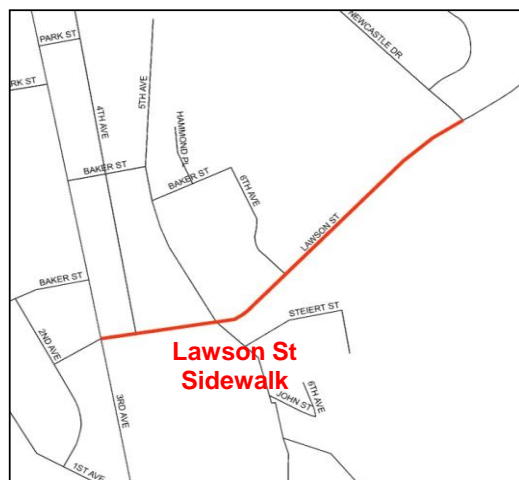
TOTAL COSTS

REQUESTED FUNDING

Safe Route to School Grant
TIB Grant
Developer/Impact Fees/SEPA

TOTAL SOURCES

		Capital Plan 2013 - 2018					
Total \$ Requested 2013-2018		2013	2014	2015	2016	2017	2018
Land/Right of Way	20,000			20,000			
Design Engineering	85,000			85,000			
Construction Costs	745,000				745,000		
TOTAL COSTS	850,000	-	-	105,000	745,000		
Total \$ Requested 2013-2018		2013	2014	2015	2016	2017	2018
Safe Route to School Grant	395,000				395,000		
TIB Grant	150,000				150,000		
Developer/Impact Fees/SEPA	305,000			105,000	200,000		
TOTAL SOURCES	850,000	-	-	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 PROJECT COSTS

Land/Right of Way
Preliminary Engineering
Construction Engineering
Design Engineering
Construction Costs

TOTAL COSTS

REQUESTED FUNDING

Grants
Stormwater Connection/Res
Developer/Impact Fees/SEPA
Real Estate Excise Tax II
PWTF loan

TOTAL SOURCES

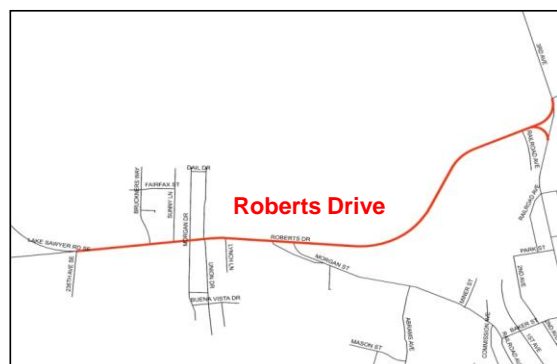
NON CAPITAL OPERATING COSTS

PWTF Loan Repay - REET II

TOTAL NON CAPITAL OPERATING

Capital Plan 2013 - 2018

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



Capital Improvement Plan 2013 - 2018

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

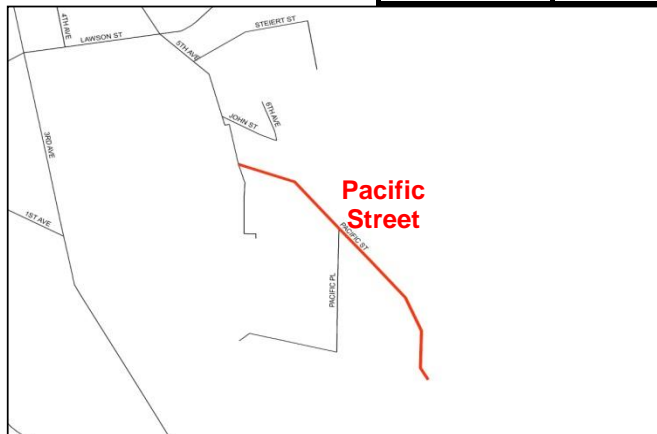
PROJECT TITLE	Pacific Street Neighborhood Improvements
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DESCRIPTION	Widen and pave existing gravel roads. Install storm drainage improvements.
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BACKGROUND Gravel roads require a higher level of maintenance 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
<i>TOTAL COSTS</i>	420,000	-	-	-	-	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
<i>TOTAL SOURCES</i>	420,000	-	-	-	-	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 PROJECT COSTS

Land/Right of Way

Design Engineering

Construction Costs

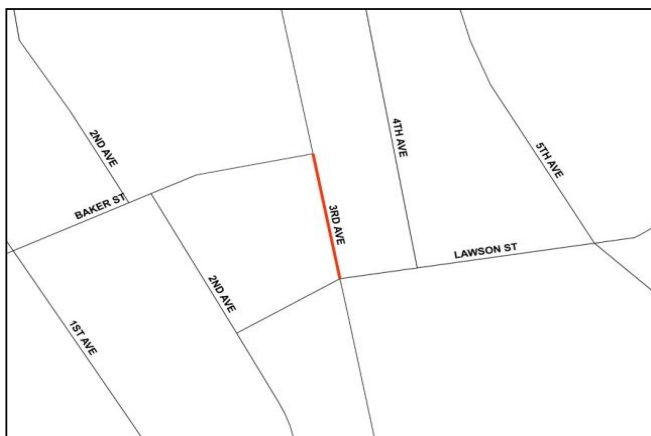
TOTAL COSTS

REQUESTED FUNDING

Developer Improvement/SEPA

TOTAL SOURCES

		Capital Plan 2013 - 2018					
Total \$ Requested 2013-2018		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
TOTAL COSTS	1,550,000	-	-	-	-	350,000	1,200,000
Total \$ Requested 2013-2018		2013	2014	2015	2016	2017	2018
Developer Improvement/SEPA	1,550,000					350,000	1,200,000
TOTAL SOURCES	1,550,000	-	-	-	-	350,000	1,200,000



Intersection at SR169 and Lawson

Capital Improvement Plan 2013 - 2018

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

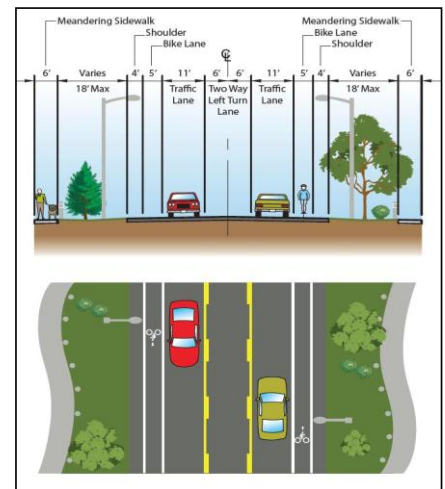
PROJECT TITLE **SR 169 Gateway Corridor Improvement**

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



Street Department

CAPITAL PROJECT FUNDING 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
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

	Total \$ Requested 2013-2018	Capital Plan 2013 - 2018					
		2013	2014	2015	2016	2017	2018
TIB, CDBG and Other Grants							
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
Stormwater Connection Fees/Reserves							
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
Developer Funded/Impact Fees/SEPA							
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.

STREET DEPARTMENT		Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Real Estate Excise Tax II Funding								
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
Total REET II Funding		630,000	90,000	100,000	110,000	120,000	140,000	70,000
Grant Matching Fund								
T6	Rock Creek Bridge Repair	40,000		40,000				
Total Grant Matching Fund		40,000		40,000				
Street Funds								
T1	General Street Projects	180,000	30,000	30,000	30,000	30,000	30,000	30,000
Total Street Funds		180,000	30,000	30,000	30,000	30,000	30,000	30,000
In-Kind Match								
T2	288th Street Overlay	10,000	10,000					
Total In-Kind Match		10,000	10,000					
PWTF Loan								
T8	Roberts Drive Reconstruction	280,000					280,000	
T11	SR 169 Gateway Corridor Improvement	300,000					300,000	
Total PWTF Loan		580,000					580,000	
TOTAL STREET PROJECTS		18,790,000	810,000	810,000	2,955,000	1,455,000	5,940,000	6,820,000
NON CAPITAL OPERATING COSTS		Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
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
TOTAL NON CAPITAL OPERATING		41,027						41,027

Water Department

CAPITAL PROJECT SUMMARY

Funding Summary by Project

	Capital Plan 2013 - 2018						
WATER DEPARTMENT	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
WATER DEPARTMENT TOTAL PROJECTS	5,015,000	415,000	1,975,000	1,825,000		100,000	700,000

Capital Improvement Plan 2013 - 2018

Project for the	Water Department	#	W1
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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 PROJECT COSTS	Capital Plan 2013 - 2018							
	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				
	TOTAL COSTS	3,125,000	225,000	1,875,000	1,025,000	-	-	-
	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018	
	REQUESTED FUNDING							
	Water Syst & Fac. Fndg Agrmt.	3,125,000	225,000	1,875,000	1,025,000			
TOTAL SOURCES	3,125,000	225,000	1,875,000	1,025,000	-	-	-	



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.

CAPITAL PROJECT COSTS

Design Engineering
Tank Painting

TOTAL COSTS

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

REQUESTED FUNDING

PWTF Loan or other
Real Estate Excise Tax II

TOTAL SOURCES



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
Construction Engineering	15,000					
Construction Costs	160,000					
TOTAL COSTS	175,000	-	-	-	-	-
Total \$ Requested 2013-2018	Capital Plan 2013 - 2018					
	2013	2014	2015	2016	2017	2018
Grants	160,000					
REET II	15,000					
TOTAL SOURCES	175,000	-	-	-	-	-



Capital Improvement Plan 2013 - 2018

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

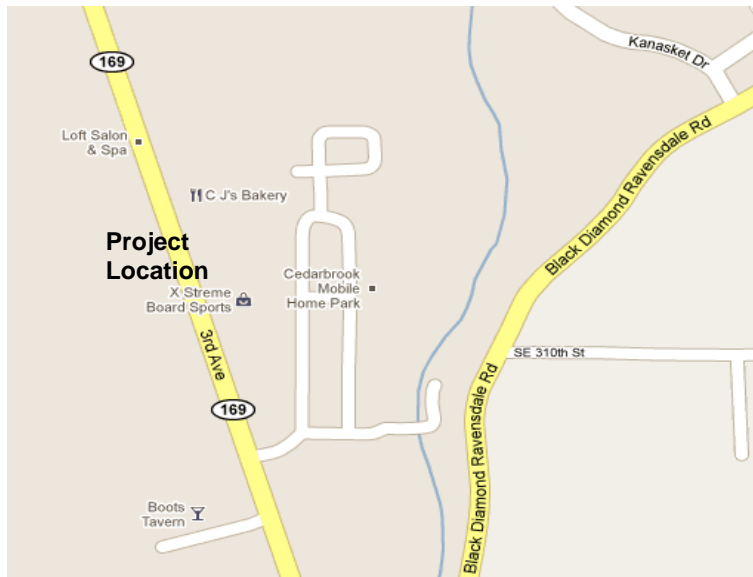
PROJECT TITLE **Fire Flow Loop - North Commercial Area**

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.

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

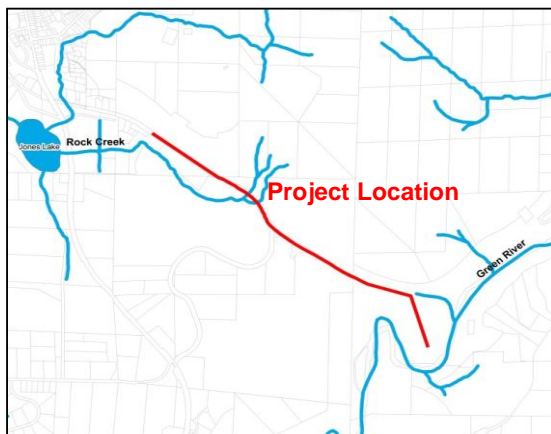
TOTAL COSTS

REQUESTED FUNDING

Water Syst & Fac. Funding Agrmt.

TOTAL SOURCES

Total \$ Requested 2013-2018	Capital Plan 2013 - 2018					
	2013	2014	2015	2016	2017	2018
Preliminary Engineering					20,000	
Design Engineering					80,000	
Construction Costs						700,000
TOTAL COSTS	800,000	-	-	-	100,000	700,000
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Water Syst & Fac. Funding Agrmt.	800,000				100,000	700,000
TOTAL SOURCES	800,000	-	-	-	100,000	700,000



Example of Ductile Iron Water Pipes

Water Department

CAPITAL PROJECT FUNDING 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
WATER DEPARTMENT TOTAL PROJECTS	5,015,000	415,000	1,975,000	1,825,000		100,000	700,000

Funding Sources

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

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

Wastewater Department

CAPITAL PROJECT SUMMARY

Expenditure Summary by Project

	Capital Plan 2013 - 2018						
WASTEWATER DEPARTMENT	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	
WASTEWATER DEPT TOTAL PROJECTS	2,120,000	30,000	80,000	280,000	380,000	1,320,000	30,000

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

REQUESTED FUNDING

Wstwr Reserves/New Cust Fees

TOTAL SOURCES

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
180,000	30,000	30,000	30,000	30,000	30,000	30,000
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
180,000	30,000	30,000	30,000	30,000	30,000	30,000
180,000	30,000	30,000	30,000	30,000	30,000	30,000



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

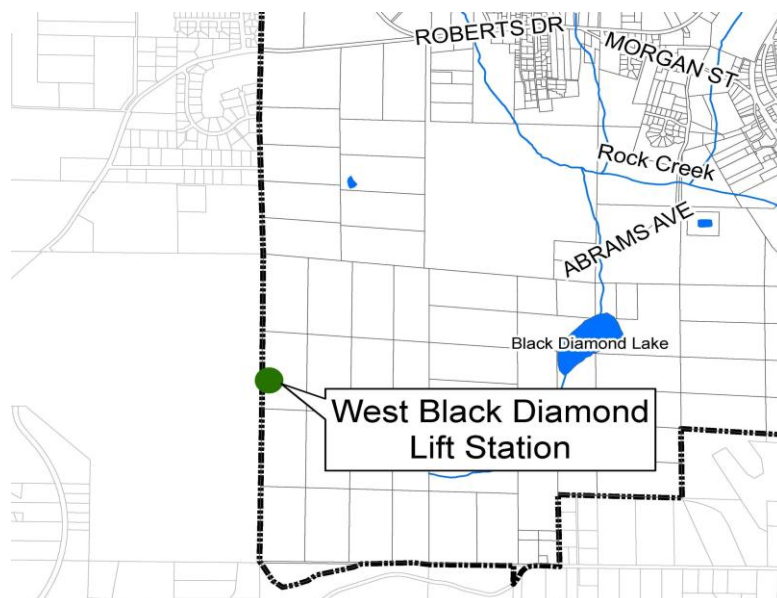
TOTAL COSTS

REQUESTED FUNDING

Developer Funded

TOTAL SOURCES

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



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 PROJECT COSTS

Preliminary Engineering
Design Engineering
Construction Costs

TOTAL COSTS

REQUESTED FUNDING

Public Works Trust Fund Loan

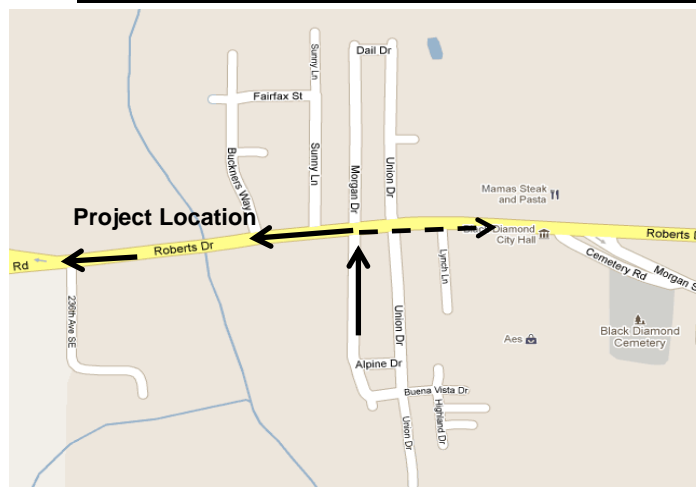
TOTAL SOURCES

NON CAPITAL OPERATING COSTS

Debt Repayment (Wstwr Res)

TOTAL OPERATING

Capital Plan 2013 - 2018						
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Preliminary Engineering				20,000		
Design Engineering					40,000	
Construction Costs					400,000	
TOTAL COSTS	460,000	-	-	-	20,000	440,000
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Public Works Trust Fund Loan	460,000			20,000	440,000	
TOTAL SOURCES	460,000	-	-	-	20,000	440,000
Total \$ Requested	2013	2014	2015	2016	2017	2018
Debt Repayment (Wstwr Res)	44,112					44,112
TOTAL OPERATING	44,112	-	-	-	-	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

REQUESTED FUNDING

Wstwtr Res/New Customer Fees

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



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 PROJECT COSTS

Building Improvements
Preliminary Engineering
Construction Costs
Equipment Purchases
TOTAL COSTS

Capital Plan 2013 - 2018						
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
100,000					100,000	
120,000		20,000			100,000	
300,000					300,000	
350,000					350,000	
870,000	-	20,000	-	-	850,000	-

REQUESTED FUNDING

Wstwtr, Water, Storm & Street Res
Public Works Trust Fund Loan
TOTAL SOURCES

Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
20,000		20,000				
850,000					850,000	
870,000	-	20,000	-	-	850,000	-

NON CAPITAL

OPERATING COSTS

S5 PWTF Debt Repay - (Wstwtr @ 29%)

TOTAL OPERATING

Total \$ Requested	2013	2014	2015	2016	2017	2018
14,964						14,964
14,964	-	-	-	-	-	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	
WASTEWATER DEPT TOTAL PROJECTS	2,120,000	30,000	80,000	280,000	380,000	1,320,000	30,000

Funding Sources

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

NON CAPITAL OPERATING COSTS	Capital Plan 2013 - 2018						
	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
TOTAL NON CAPITAL OPERATING	59,076	-	-	-	-	-	59,076

Stormwater Department

CAPITAL PROJECT 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			
STORMWATER DEPT TOTAL PROJECTS	1,150,000		80,000	820,000	250,000		

Capital Improvement Plan 2013 - 2018

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

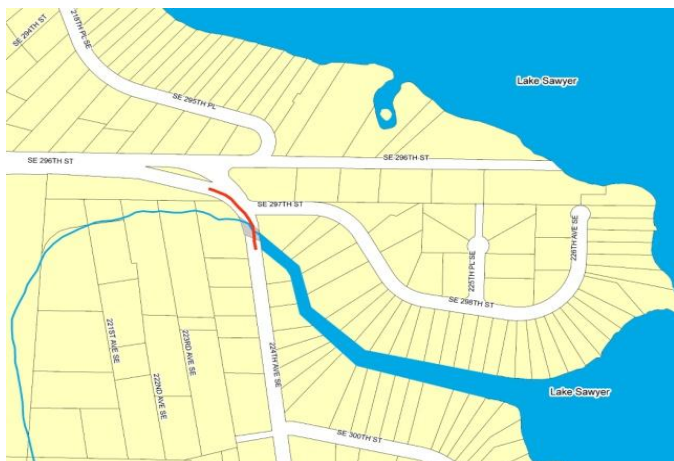
PROJECT TITLE **Lake Sawyer Road Culvert and Guardrail**

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		
TOTAL COSTS	320,000	-	-	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			
TOTAL SOURCES	320,000	-	-	70,000	250,000	-



Capital Improvement Plan 2013 - 2018

Project for the **Stormwater Department** # **D2**

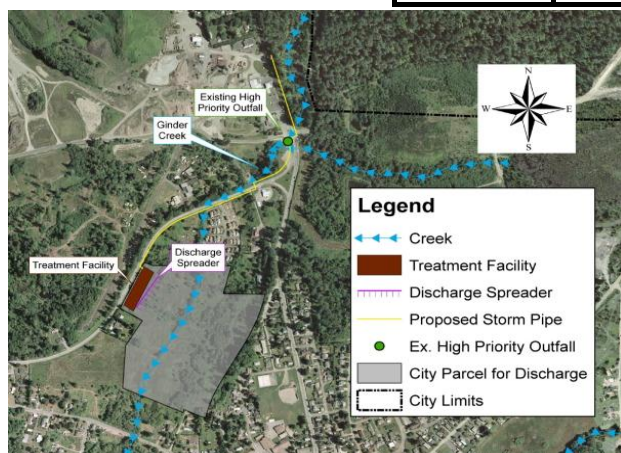
PROJECT TITLE **Ginder Creek Stormwater Treatment Pond**

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				
Construction			750,000			
TOTAL COSTS	830,000	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			
TOTAL SOURCES	830,000	80,000	750,000	-	-	-
Total \$ Requested	2013	2014	2015	2016	2017	2018
PW Trust Loan Repayment	145,260	-	-	48,420	48,420	48,420
TOTAL NON CAPITAL OPERATING	145,260	-	-	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			
TOTAL EXPENDITURES	1,150,000		80,000	820,000	250,000		

Funding Sources

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

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
TOTAL NON CAPITAL OPERATING	235,224	-	-	-	48,420	98,420	88,384

CIP General Government Summary of Projects

Capital Improvement Plan 2013 - 2018

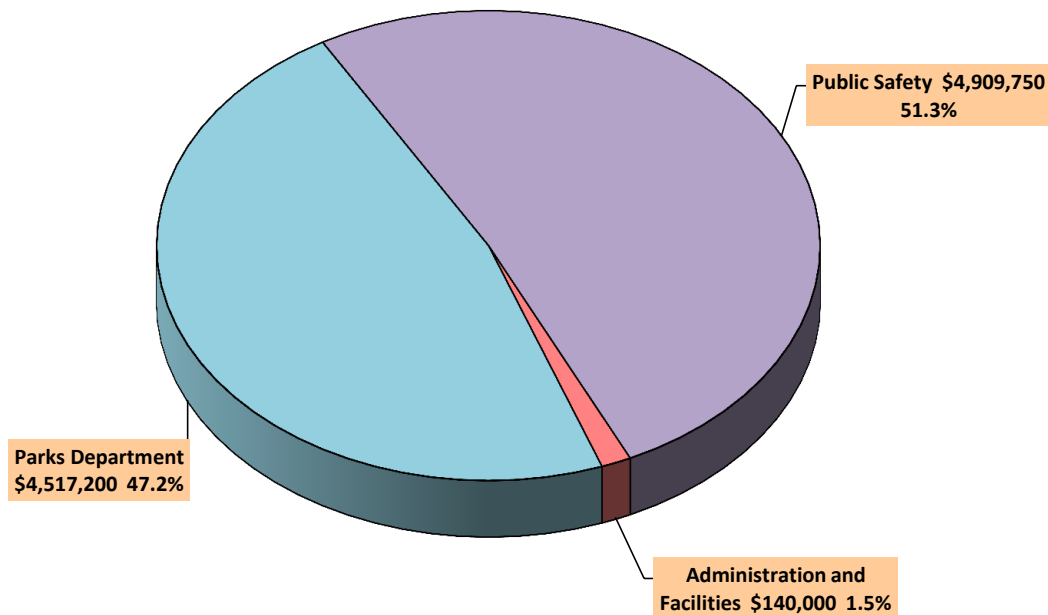
		Total \$ Project 2013 - 2018	2013	2014	2015	2016	2017	2018
POLICE PROJECTS								
L1	Police Technology	103,700	16,300	20,000	15,400	20,000	16,000	16,000
L2	Patrol Car Replacement	291,050	45,000	46,350	47,700	49,200	50,600	52,200
TOTAL POLICE PROJECTS		394,750	61,300	66,350	63,100	69,200	66,600	68,200
FIRE DEPARTMENT PROJECTS								
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
TOTAL FIRE PROJECTS		4,515,000	390,000		600,000	125,000	365,000	3,035,000
PARKS PROJECTS								
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
TOTAL PARKS PROJECTS		4,517,200	404,200	39,000	231,000	186,000	481,000	3,176,000
ADMINISTRATION AND CITY PROJECTS								
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				
TOTAL ADMIN AND CITY PROJECTS		140,000	20,000	40,000	20,000	20,000	20,000	20,000
TOTAL GENERAL GOVT CAPITAL PROJECTS		9,566,950	875,500	145,350	914,100	400,200	932,600	6,299,200

General Government Department Summary

Capital Improvement Plan 2013 - 2018

	Total \$ Project	2013	2014	2015	2016	2017	2018
Parks Department	4,517,200	404,200	39,000	231,000	186,000	481,000	3,176,000
Public Safety							
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
Administration and Facilities	140,000	20,000	40,000	20,000	20,000	20,000	20,000
TOTAL Projected Expenditures	\$ 9,566,950	\$ 875,500	\$ 145,350	\$ 914,100	\$ 400,200	\$ 932,600	\$ 6,299,200

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



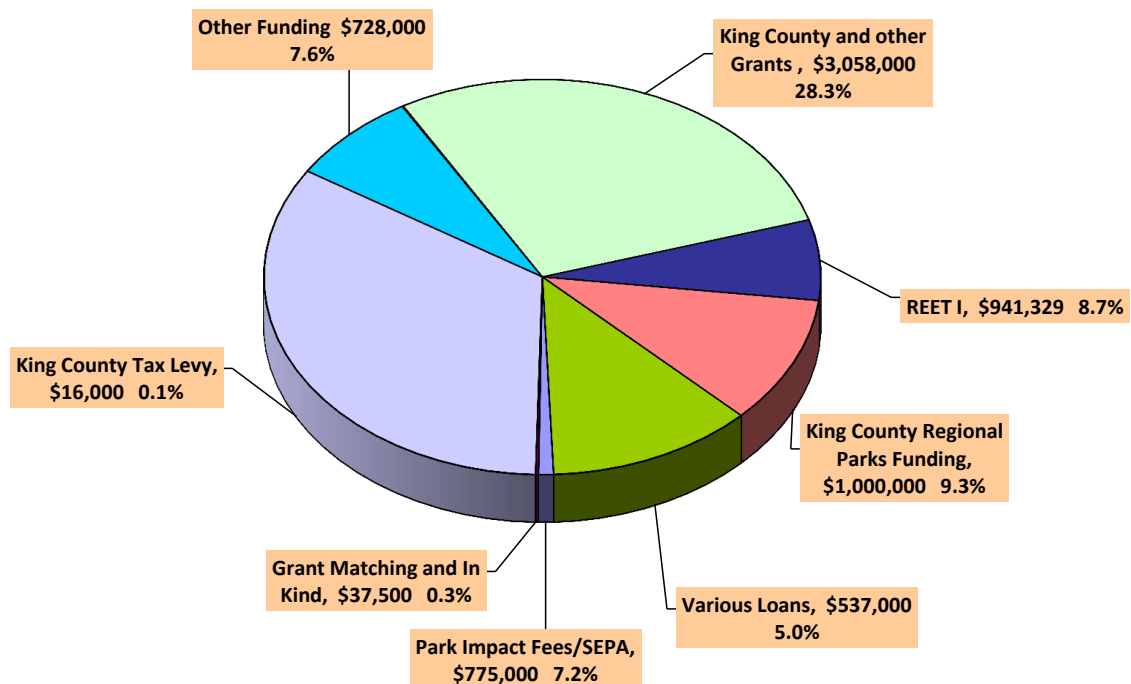
REET I Payments	Total 2013 - 2018	2013	2014	2015	2016	2017	2018
Repay Loan Police Records Sys.	41,600	41,600					
Repay Fire Engine 98 Loan	152,760		30,552	30,552	30,552	30,552	30,552
Repay Replace Engine Loan	170,820				56,940	56,940	56,940
Repay Aid Car Loan	24,972						24,972
Total	\$ 390,152	\$ 41,600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

CIP General Government Funding Summary

Capital Improvement Plan 2013 - 2018

REQUESTED FUNDING <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
TOTAL SOURCES	9,957,102	917,100	175,902	944,652	487,692	1,020,092	6,411,664
<i>Less Payments on Debt</i>	(390,152)	(41,600)	(30,552)	(30,552)	(87,492)	(87,492)	(112,464)
TOTAL Projects	\$ 9,566,950	\$ 875,500	\$ 145,350	\$ 914,100	\$ 400,200	\$ 932,600	\$ 6,299,200

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
TOTAL OPERATING Gen Govt Costs	219,470	33,245	33,245	33,245	33,245	43,245	43,245

REET I ANALYSIS SUMMARY (Fund 310)

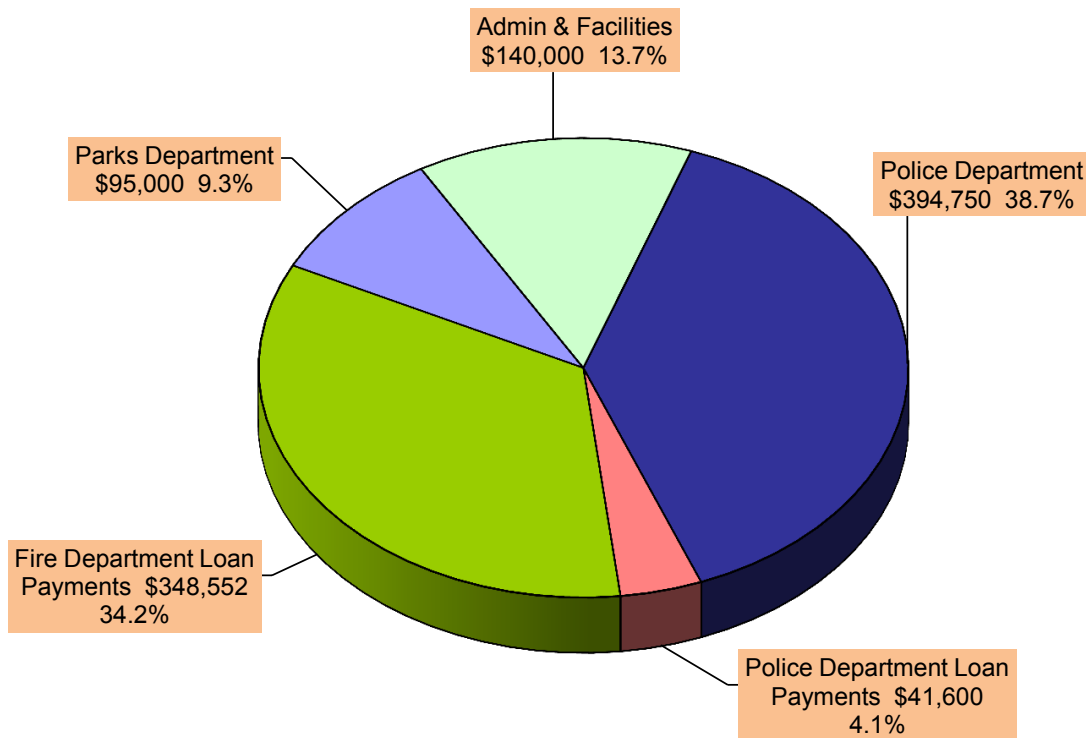
Capital Improvement Plan 2013 - 2018

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
Subtotal REET I Revenue	39,700	947,200	46,300	86,400	126,500	169,700	223,300	295,000
Reet II Transfer	93,500							
TOTAL Avail. Balance for Gen Govt Projects	458,365	1,226,900	326,000	279,500	259,098	305,146	341,754	432,662
REET I - PROJECT EXPENDITURES			Capital Plan 2013 - 2018					
	2012 REET I Budgeted & Funded	2013-2018 Summary Total	2013	2014	2015	2016	2017	2018
General Government								
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							
Subtotal General Government	37,500	140,000	20,000	40,000	20,000	20,000	20,000	20,000
Parks								
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
Subtotal Parks Projects with REET I	10,000	95,000	10,000	10,000	10,000	10,000	30,000	25,000
Public Safety								
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					
SUBTOTAL POLICE	95,000	436,350	102,900	66,350	63,100	69,200	66,600	68,200
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
SUBTOTAL FIRE	36,165	348,552		30,552	30,552	87,492	87,492	112,464
Subtotal Public Safety Proj. with REET I	131,165	784,902	102,900	96,902	93,652	156,692	154,092	180,664
Total REET I Projects	178,665	1,019,902	91,300	116,350	93,100	99,200	116,600	113,200
Total REET I Debt		390,152	41,600	30,552	30,552	87,492	87,492	112,464
TOTAL REET I		1,410,054	132,900	146,902	123,652	186,692	204,092	225,664
REET I left for next year (Ending Balance)	279,700	206,998	193,100	132,598	135,446	118,454	137,662	206,998
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
TOTAL POPULATION			4,087	4,249	4,546	4,981	5,553	6,328

General Government REET I Summary

Capital Improvement Plan 2013 - 2018

<i>Requested Funding</i>	Total \$ Requested	2013	2014	2015	2016	2017	2018
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
Total REET I Projects	1,019,902	132,900	146,902	123,652	186,692	204,092	225,664



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
POLICE DEPARTMENT TOTAL PROJECTS	394,750	61,300	66,350	63,100	69,200	66,600	68,200

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

Capital Plan 2013 - 2018						
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
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
103,700	16,300	20,000	15,400	20,000	16,000	16,000
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
103,700	16,300	20,000	15,400	20,000	16,000	16,000
103,700	16,300	20,000	15,400	20,000	16,000	16,000
Total \$ Requested	2013	2014	2015	2016	2017	2018
41,600	41,600					
41,600	41,600					



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
PC Software						
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
Network						
Server purchases	5,000			5,000		
Server Upgrades		5,000			5,000	
NW/Security Devices		2,000		2,000		2,000
Network Software						
Operating Systems		1,500		1,500		1,500
Backup/WWW	500	500	500	500	500	500
Other purchases						
Video/Audio	200	200	200	200	200	200
Disaster Recovery			1,000			1,000
CAPITAL NEEDS						
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
Ongoing Operating Budget for Subscriptions and Software Maintenance						
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 PROJECT COSTS	Capital Plan 2013 - 2018						
	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
	291,050	45,000	46,350	47,700	49,200	50,600	52,200
	291,050	45,000	46,350	47,700	49,200	50,600	52,200
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
TOTAL SOURCES	291,050	45,000	46,350	47,700	49,200	50,600	52,200

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
45,000	46,350	47,700	49,200	50,600	52,200



Police Vehicles and Replacement Schedule

Police Vehicles			2012 Ins Value	Mileage	Replacement Year								
#	License	YEAR	includes Equipment	Avg Projected	2012	2013	2014	2015	2016	2017	2018	2019	2020
		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	14,004	28,004	42,004
28	49285D	2009 Blk/White	25,460	14,000	39,200	53,200	67,200	81,200	95,200	109,200	123,200	14,005	28,005
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
TOTAL EXPENDITURES	394,750	61,300	66,350	63,100	69,200	66,600	68,200
Loan Payments							
L4 Repay Police Records 2009 Loan (5 yr)	41,600	41,600					
Total Loan Payment	41,600	41,600					

Funding Sources

REQUESTED FUNDING	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
REET I							
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					
Subtotal REET I	436,350	102,900	66,350	63,100	69,200	66,600	68,200
POLICE DEPARTMENT SUBTOTAL	436,350	102,900	66,350	63,100	69,200	66,600	68,200
Less Loan Payments	(41,600)	(41,600)					
TOTAL FUNDING FOR POLICE PROJECTS	394,750	61,300	66,350	63,100	69,200	66,600	68,200

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
FIRE DEPARTMENT TOTAL PROJECTS	4,515,000	390,000		600,000	125,000	365,000	3,035,000

Capital Improvement Plan 2013 - 2018

Project for the	Fire Department	#	F1
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PROJECT TITLE	Replace Primary Fire Engine (2000)
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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 PROJECT COSTS

Capital Outlay

TOTAL COSTS

REQUESTED FUNDING

Loan Plan

Surplus Equipment Sale

TOTAL SOURCES

NON CAPITAL OPERATING COSTS

REET I Debt Repay (5yr @5%)

TOTAL OPERATING

Capital Plan 2013 - 2018						
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Capital Outlay	365,000	365,000				
TOTAL COSTS	365,000	365,000	-	-	-	-
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Loan Plan	240,000	240,000				
Surplus Equipment Sale	125,000	125,000				
TOTAL SOURCES	365,000	365,000	-	-	-	-
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
TOTAL OPERATING	152,760	30,552	30,552	30,552	30,552	30,552



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 PROJECT COSTS

Capital Outlay

TOTAL COSTS

REQUESTED FUNDING

Loan Purchase Plan

TOTAL SOURCES

NON CAPITAL OPERATING COSTS

REET I Debt Repay (15yr @5%)

TOTAL OPERATING

Capital Plan 2013 - 2018						
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
600,000			600,000			
600,000	-	-	600,000	-	-	-

Total \$ Requested	2013	2014	2015	2016	2017	2018
170,820				56,940	56,940	56,940
170,820	-	-	-	56,940	56,940	56,940



Engine #981

Capital Improvement Plan 2013 - 2018

Project for the	Fire Department	#	F3
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PROJECT TITLE	Replace Aid Car
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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					
CAPITAL PROJECT COSTS	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
	Capital Outlay	225,000			-	225,000	
TOTAL COSTS	225,000	-	-	-	-	225,000	-
REQUESTED FUNDING	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
	Loan Purchase Plan	225,000			-	225,000	-
TOTAL SOURCES	225,000	-	-	-	-	225,000	-
NON CAPITAL OPERATING COSTS	Total \$ Requested	2013	2014	2015	2016	2017	2018
	REET I Debt Repay (12yr @5%)	24,972					24,972
TOTAL OPERATING	24,972						24,972



Aid Car 98



Capital Improvement Plan 2013 - 2018

Project for the	Fire Department	# F4
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PROJECT TITLE	Replace Brush-Truck Chassis
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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 PROJECT COSTS

Capital Outlay

TOTAL COSTS

REQUESTED FUNDING

Loan Purchase Plan

Surplus Sale of Equip.

TOTAL SOURCES

Capital Plan 2013 - 2018						
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
85,000						85,000
85,000	-	-	-	-	-	85,000
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
82,000						82,000
3,000						3,000
85,000	-	-	-	-	-	85,000



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.

CAPITAL PROJECT COSTS

Preliminary Engineering
Construction Engineering
Design Engineering
Construction Costs (bldg)

TOTAL COSTS

REQUESTED FUNDING

Bond Sales
Other Financing
TOTAL SOURCES

Capital Plan 2013 - 2018						
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
75,000	-			75,000		
70,000		-		-	70,000	
145,000	25,000			50,000	70,000	
2,950,000						2,950,000
3,240,000	25,000	-	-	125,000	140,000	2,950,000
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
3,215,000				125,000	140,000	2,950,000
25,000	25,000					
3,240,000	25,000	-	-	125,000	140,000	2,950,000



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
TOTAL EXPENDITURES	4,515,000	390,000		600,000	125,000	365,000	3,035,000
Funding Sources							
Loans to Finance Projects							
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	1,147,000	240,000		600,000		225,000	82,000
REET I							
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	348,552		30,552	30,552	87,492	87,492	112,464
Bond Sales							
F5 New Fire Station and Equipment	3,215,000				125,000	140,000	2,950,000
Total Bond Sales	3,215,000				125,000	140,000	2,950,000
Other Financing							
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	153,000	150,000					3,000
FIRE DEPT SUBTOTAL	4,863,552	390,000	30,552	630,552	212,492	452,492	3,147,464
Less Loan Payment Amounts	(348,552)		(30,552)	(30,552)	(87,492)	(87,492)	(112,464)
TOTAL FIRE PROJECTS	4,515,000	390,000		600,000	125,000	365,000	3,035,000

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
PARKS DEPARTMENT TOTAL PROJECTS	4,517,200	404,200	39,000	231,000	186,000	481,000	3,176,000

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

REQUESTED FUNDING

King County Grant

Grant Matching

RCO Grant

TOTAL SOURCES

Capital Plan 2013 - 2018						
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Construction Costs			200,000			300,000
Design/Permitting Costs	115,000				100,000	
TOTAL COSTS	115,000	-	200,000	-	100,000	300,000
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
King County Grant	280,000		200,000		80,000	
Grant Matching	50,000	30,000			20,000	
RCO Grant	385,000	85,000				300,000
TOTAL SOURCES	715,000	-	200,000	-	100,000	300,000



Lake Sawyer Boat Launch



Capital Improvement Plan 2013 - 2018

Project for the	Parks Department	#	P2
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PROJECT TITLE	Lake Sawyer Aquatic Weed Management Plan
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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					
CAPITAL PROJECT COSTS	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
	Permitting	40,000	40,000				
TOTAL COSTS	40,000	40,000	-	-	-	-	-
REQUESTED FUNDING	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				
TOTAL SOURCES	40,000	40,000	-	-	-	-	-



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 PROJECT COSTS

Land/Right of Way

TOTAL COSTS

REQUESTED FUNDING

Conservation Futures Grant

Other Grants or Sources

TOTAL SOURCES

Capital Plan 2013 - 2018						
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
30,000	30,000					
30,000	30,000	-	-	-	-	-
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
15,000	15,000					
15,000	15,000					
30,000	30,000	-	-	-	-	-



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

Land/Right of Way

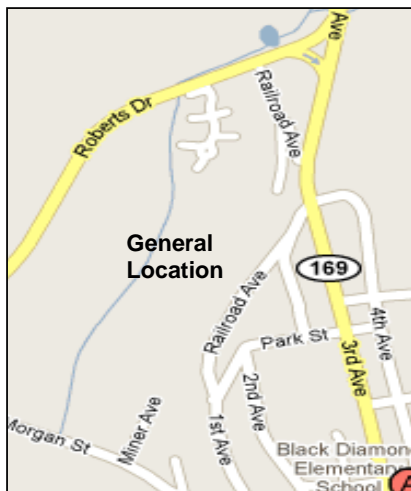
TOTAL COSTS

REQUESTED FUNDING

Conservation Futures Grant

TOTAL SOURCES

Capital Plan 2013 - 2018							
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018	
150,000	150,000						
150,000	150,000	-	-	-	-	-	
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018	
150,000	150,000						
150,000	150,000	-	-	-	-	-	



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					
CAPITAL PROJECT COSTS	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
	Transfer Reserves	60,000	10,000	10,000	10,000	10,000	10,000
TOTAL COSTS		60,000	10,000	10,000	10,000	10,000	10,000
REQUESTED FUNDING	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
	REET I	60,000	10,000	10,000	10,000	10,000	10,000
TOTAL SOURCES		60,000	10,000	10,000	10,000	10,000	10,000



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.

CAPITAL PROJECT COSTS

Study

TOTAL COSTS

Capital Plan 2013 - 2018						
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
15,000	15,000					
15,000	15,000	-	-	-	-	-
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
15,000	15,000					
15,000	15,000	-	-	-	-	-

REQUESTED FUNDING

4 Culture or DOC Grant

TOTAL SOURCES

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 PROJECT COSTS

Construction Costs

TOTAL COSTS

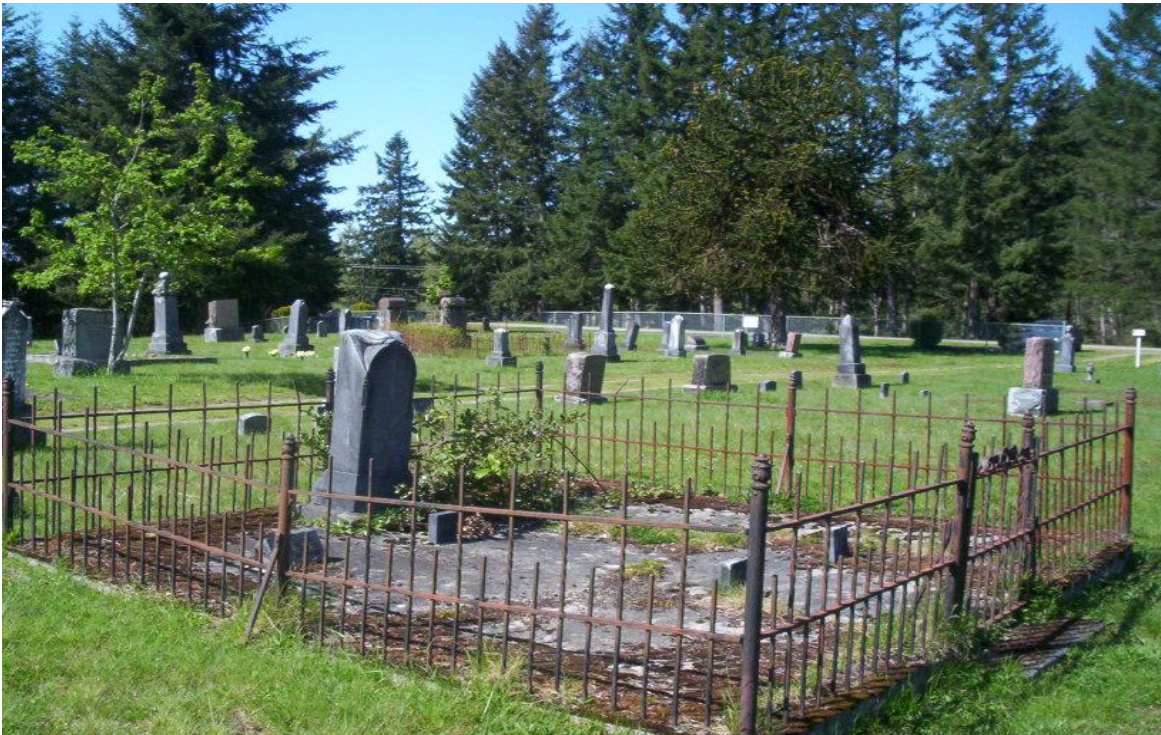
REQUESTED FUNDING

Other - 4-Culture Grant

Other - In kind

TOTAL SOURCES

Capital Plan 2013 - 2018						
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
5,200	5,200					
5,200	5,200	-	-	-	-	-
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
2,200	2,200					
3,000	3,000					
5,200	5,200	-	-	-	-	-



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 PROJECT COSTS

Trail Improvements

Construction Costs

TOTAL COSTS

REQUESTED FUNDING

Other/Unknown

King County Tax Levy

TOTAL SOURCES

Capital Plan 2013 - 2018						
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
16,000	8,000	8,000				
60,000	20,000	20,000	20,000			
76,000	28,000	28,000	20,000	-	-	-
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
60,000	20,000	20,000	20,000			
16,000	8,000	8,000				
76,000	28,000	28,000	20,000	-	-	-



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

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 PROJECT COSTS

Construction Costs

TOTAL COSTS

REQUESTED FUNDING

King County Grant

TOTAL SOURCES

NON CAPITAL OPERATING COSTS

Trail System Maintenance

TOTAL OPERATING

Capital Plan 2013 - 2018						
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
300,000				100,000	100,000	100,000
300,000	-	-	-	100,000	100,000	100,000
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
300,000				100,000	100,000	100,000
300,000	-	-	-	100,000	100,000	100,000
Total \$ Requested	2013	2014	2015	2016	2017	2018
20,000					10,000	10,000
20,000	-	-	-	-	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 PROJECT COSTS

Preliminary Engineering
Construction Engineering
Design Engineering
Construction Costs

TOTAL COSTS

REQUESTED FUNDING

RCO Grant
Environmental Grant
Other/Unknown
King County Regional Parks

TOTAL SOURCES

Capital Plan 2013 - 2018						
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
Preliminary Engineering	10,000			75,000		
Construction Engineering						250,000
Design Engineering					250,000	
Construction Costs						2,500,000
TOTAL COSTS	10,000	-	-	75,000	250,000	2,750,000
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
RCO Grant						1,500,000
Environmental Grant	10,000					
Other/Unknown				75,000	250,000	250,000
King County Regional Parks						1,000,000
TOTAL SOURCES	10,000			75,000	250,000	2,750,000



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

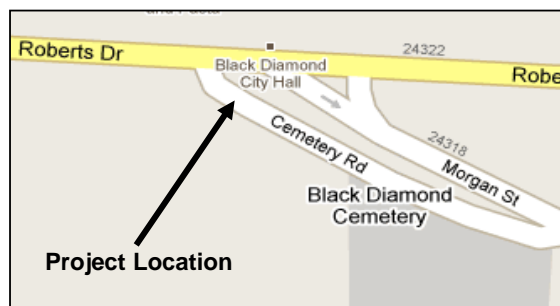
TOTAL COSTS

REQUESTED FUNDING

REET I

TOTAL SOURCES

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



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 PROJECT COSTS

Capital Outlay

TOTAL COSTS

REQUESTED FUNDING

REET I

TOTAL SOURCES

Capital Plan 2013 - 2018						
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
15,000						15,000
15,000	-	-	-	-	-	15,000
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
15,000	-	-	-	-		15,000
15,000	-	-	-	-		15,000



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
TOTAL PLANNED EXPENDITURES	4,517,200	404,200	39,000	231,000	186,000	481,000	3,176,000

Funding Sources

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

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				
ADMIN & FACILITIES DEPT TOTAL EXPENDITURES	140,000	20,000	40,000	20,000	20,000	20,000	20,000

Capital Improvement Plan 2013 - 2018

Project for	Administration and Facilities	#	A1
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PROJECT TITLE	City Technology - Capital
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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 PROJECT COSTS	Capital Plan 2013 - 2018							
	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	
	TOTAL COSTS	120,000	20,000	20,000	20,000	20,000	20,000	20,000
	Total \$ Requested 2012-2018	2013	2014	2015	2016	2017	2018	
	REQUESTED FUNDING							
REET I	120,000	20,000	20,000	20,000	20,000	20,000	20,000	
TOTAL SOURCES	120,000	20,000	20,000	20,000	20,000	20,000	20,000	

Technology Non Police

	Yr	2013	2014	2015	2016	2017	2018
	Users	25	25	25	25	25	25
	p/user						
PCs							
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
PC Software							
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
Network							
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
Network Software							
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
Other purchases							
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		2013	2014	2015	2016	2017	2018
Rounded Total		18,000	18,000	18,000	18,000	18,000	18,000

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 PROJECT COSTS

Construction Costs

Contingency

TOTAL COSTS

REQUESTED FUNDING

REET 1

TOTAL SOURCES

Capital Plan 2013 - 2018						
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
20,000		20,000				
20,000	-	20,000	-	-	-	-
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
20,000		20,000				
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				
ADMIN & FACILITIES DEPT TOTAL EXPENDITURES	140,000	20,000	40,000	20,000	20,000	20,000	20,000
Funding Sources							
	Total \$ Requested 2013 - 2018	2013	2014	2015	2016	2017	2018
REET I							
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				
Total REET I Funding	140,000	20,000	40,000	20,000	20,000	20,000	20,000
TOTAL FUNDING FOR ADMIN & FACILITIES	140,000	20,000	40,000	20,000	20,000	20,000	20,000



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 st CIP Committee Meeting for Public Works		April 27 10:00		
9	1 st 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 nd 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