

RESOLUTION NO. 13-902

A RESOLUTION OF THE CITY COUNCIL OF THE CITY  
OF BLACK DIAMOND, KING COUNTY WASHINGTON,  
ADOPTING A CAPITAL IMPROVEMENT PLAN FOR  
THE YEARS 2014-2019

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

**WHEREAS**, the City's Capital Improvements Plan has been updated to address the current capital facilities needs and priorities of the City for the years 2014-2019; and

**WHEREAS**, the City Council has selected their top seven priorities for 2014; and

**WHEREAS**, the annual update is also annual supplemental information to the Capital Element portion of Black Diamond's Comp Plan for Transportation, Water, Sewer, Stormwater and other Capital Elements; and

**WHEREAS**, the City Council of the City of Black Diamond held a public hearing on the proposed 2014-2019 Capital Improvement Plan on July 11, 2013;

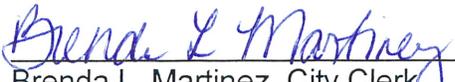
**NOW, THEREFORE THE CITY COUNCIL OF THE CITY OF BLACK DIAMOND HEREBY RESOLVES AS FOLLOWS:**

**Section 1.** The City Council does hereby approve the 2014 – 2019 Capital Improvements Plan, a copy of which is attached as Exhibit "A" and incorporated herein by reference.

ADOPTED by the City Council at an open meeting on the 5th day of December 2013.

  
\_\_\_\_\_  
Rebecca Olness, Mayor

Attest:

  
\_\_\_\_\_  
Brenda L. Martinez, City Clerk





# City of Black Diamond



## Capital Improvement Plan

2014 – 2019

Revised 11/12/2013

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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.

## **Council Priorities**

At a meeting on July 25, 2013 the Black Diamond City Council selected the following seven priorities for the 2014 – 2019 Capital Improvement Plan.

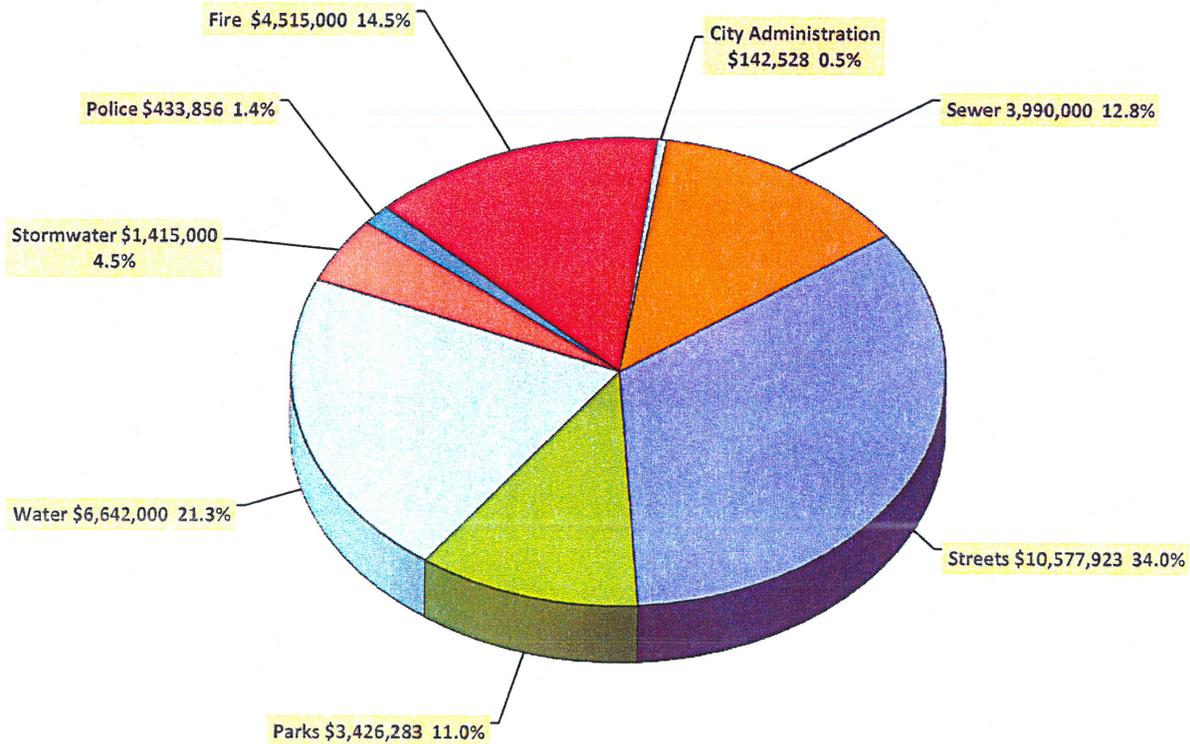
1. Reservoir Painting and Maintenance
2. Ten Year Plan for Asbestos Pipe Replacement
3. North Commercial & SR 169 Stormwater Treatment Pond
4. Ginder Creek Trail Restoration
5. Replace Primary and Reserve Fire Engines
6. Rock Creek Bridge
7. Police Radio Replacement

# Capital Improvement Plan 2014 - 2019

## Total Summary by Department

CAPITAL PROJECTS							
Departments	Total \$ Project 2014 - 2019	2014	2015	2016	2017	2018	2019
Street Department	10,577,923	432,923	2,586,000	6,522,000	143,000	595,000	299,000
Water Department	6,642,000	1,429,000	2,340,000	672,000		890,000	1,311,000
Sewer Department	3,990,000	30,000	30,000	300,000	570,000	530,000	2,530,000
Stormwater Department	1,415,000	40,000	150,000	1,000,000		95,000	130,000
Parks and Recreation	3,426,283	56,283	15,000	90,000	265,000	365,000	2,635,000
Police Department	433,856	24,360	124,180	128,125	68,339	70,407	18,445
Fire Department	4,515,000	390,000	600,000		125,000	450,000	2,950,000
City Administration	142,528	45,113	19,763	19,713	18,513	19,713	19,713
<b>TOTAL Project COSTS</b>	<b>\$31,142,590</b>	<b>\$2,447,679</b>	<b>\$5,864,943</b>	<b>\$8,731,838</b>	<b>\$1,189,852</b>	<b>\$3,015,120</b>	<b>\$9,893,158</b>

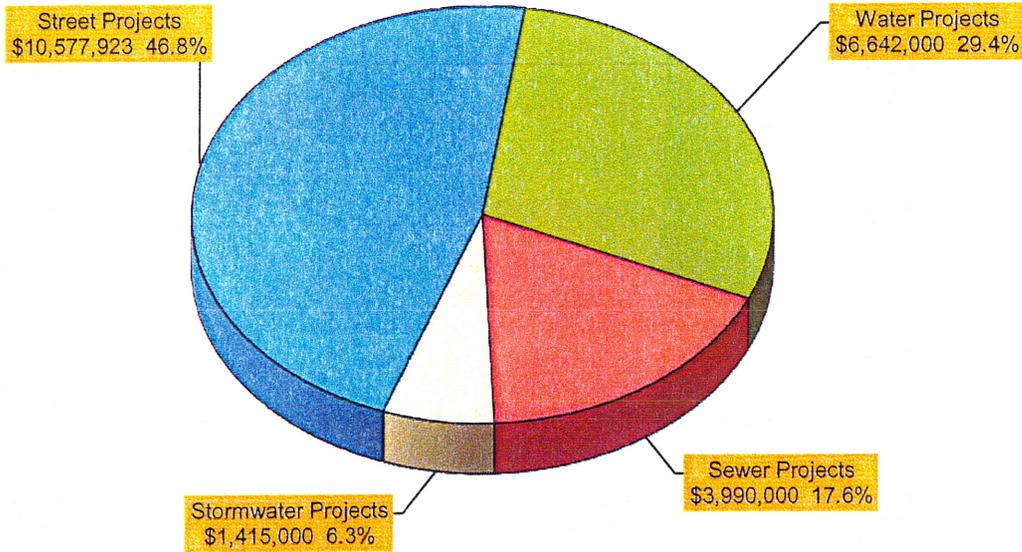
Total CIP: \$31,142,590



## Public Works Fund Summary Capital Improvement Plan 2014 - 2019

Funds	Total \$ Project 2014 - 2019	2014	2015	2016	2017	2018	2019
Street Projects	10,577,923	432,923	2,586,000	6,522,000	143,000	595,000	299,000
Water Projects	6,642,000	1,429,000	2,340,000	672,000		890,000	1,311,000
Sewer Projects	3,990,000	30,000	30,000	300,000	570,000	530,000	2,530,000
Stormwater Projects	1,415,000	40,000	150,000	1,000,000		95,000	130,000
<b>TOTAL Project COSTS</b>	<b>\$ 22,624,923</b>	<b>\$1,931,923</b>	<b>\$5,106,000</b>	<b>\$8,494,000</b>	<b>\$713,000</b>	<b>\$2,110,000</b>	<b>\$4,270,000</b>

**Public Works CIP by Fund  
Total: \$22,624,923**



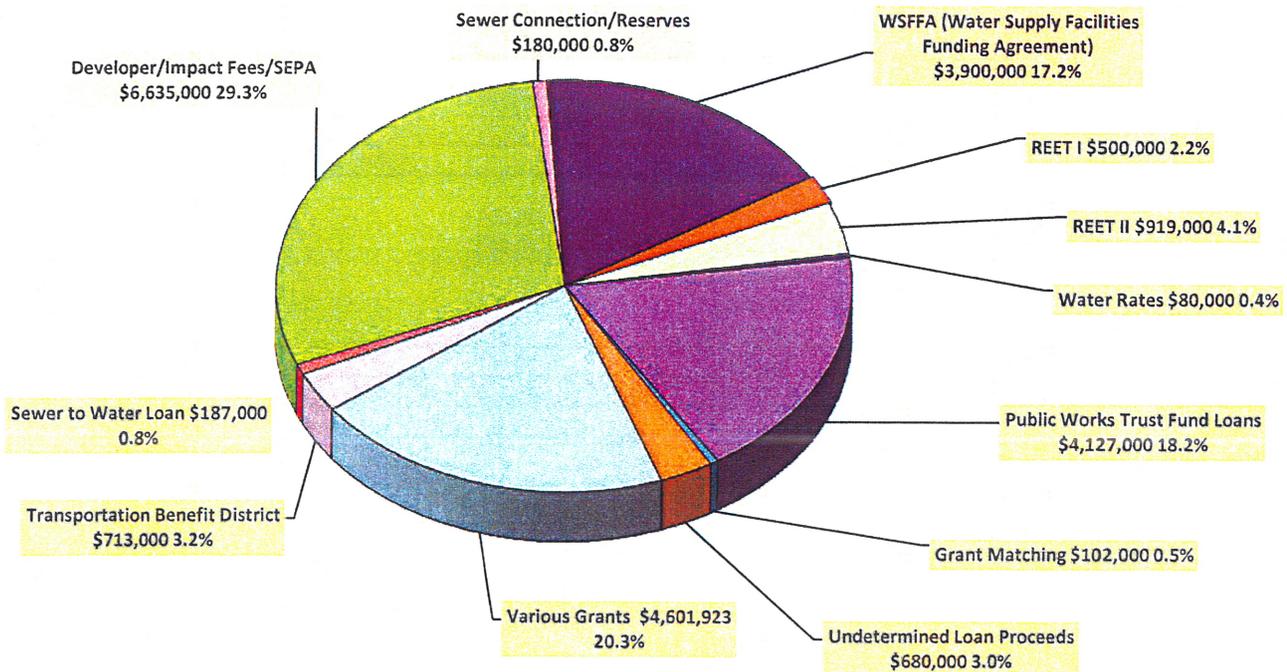
# CIP Public Works Revenue Summary

## Capital Improvement Plan 2014 - 2019

<b>REQUESTED FUNDING</b>	<b>Includes</b>	<b>Total \$ Project 2014 - 2019</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
<b>Debt Repayments</b>								
Various Grants		4,601,923	180,923	2,062,000	2,178,000		98,000	83,000
Developer/Impact Fees/SEPA		6,635,000	240,000	205,000	5,330,000	20,000	820,000	20,000
Public Works Trust Fund Loans		4,127,000		366,000	250,000	440,000		3,071,000
Sewer Connection/Reserves		180,000	30,000	30,000	30,000	30,000	30,000	30,000
WSFFA (Water Supply Facilities Funding Agreement)		3,900,000	1,175,000	1,925,000			90,000	710,000
REET I		500,000					500,000	
REET II		919,000	107,000	120,000	152,000	185,000	145,000	210,000
Water Rates		80,000		80,000				
Grant Matching		102,000	12,000	16,000	54,000		10,000	10,000
Undetermined Loan Proceeds		680,000		140,000	540,000			
Trasportation Benefit District		713,000		122,000		38,000	417,000	136,000
Sewer Loan to Water		187,000	187,000					
<b>TOTAL SOURCES</b>		<b>\$22,624,923</b>	<b>\$1,931,923</b>	<b>\$5,066,000</b>	<b>\$8,534,000</b>	<b>\$713,000</b>	<b>\$2,110,000</b>	<b>\$4,270,000</b>

Public Works CIP by Type of Funding Total:

\$22,624,923



## REET II ANALYSIS SUMMARY (Fund 320)

### Capital Improvement Plan 2014 - 2019

REET II - REVENUE		Capital Improvement Plan 2014 - 2019					
	2014-2019 Summary Total	2014	2015	2016	2017	2018	2019
Beg Fund Balance 104		294,174	278,555	407,122	770,684	1,376,248	1,993,687
REET Revenue (annual)							
1/4 of 1% REET - Existing Property	383,875	40,625	47,813	55,250	62,938	81,000	96,250
1/4 of 1% REET - Other new homes	43,075	3,125	6,375	6,500	7,288	8,100	11,688
1/4 of 1% REET - Phase 1A	2,708,394	59,631	194,379	446,812	585,339	683,339	738,894
<b>Subtotal REET II Revenue</b>	<b>3,135,344</b>	<b>103,381</b>	<b>248,567</b>	<b>508,562</b>	<b>655,564</b>	<b>772,439</b>	<b>846,832</b>
<b>TOTAL Avail. Balance for Gen Govt Projects</b>	<b>3,135,344</b>	<b>397,555</b>	<b>527,122</b>	<b>915,684</b>	<b>1,426,248</b>	<b>2,148,687</b>	<b>2,840,518</b>
REET II - PROJECT EXPENDITURES		Capital Improvement Plan 2014 - 2019					
	2014-2019 Summary Total	2014	2015	2016	2017	2018	2019
<b>Street Projects</b>							
T1 General Street Improvement	60,000	10,000	10,000	10,000	10,000	10,000	10,000
T5 Grant Matching Fund	240,000	40,000	40,000	40,000	40,000	40,000	40,000
T8 Jones Lake Road	12,000	12,000					
T9 228th & 224th & 216th Chip Seal	13,000			13,000			
T11 232nd Ave Overlay	10,000					10,000	
<b>Subtotal Street Projects with REET II</b>	<b>335,000</b>	<b>62,000</b>	<b>50,000</b>	<b>63,000</b>	<b>50,000</b>	<b>60,000</b>	<b>50,000</b>
<b>Water Projects</b>							
W2 Reservoir Painting and Maintenance	12,000	12,000					
W5 Downtown Water Main Replacement	25,000	5,000	20,000				
W9 4.3 Mil Gal Tank Maintenance & Repairs	30,000						30,000
W10 Water Main Replacement Morgan Street	82,000			82,000			
<b>Subtotal Water Projects with REET II</b>	<b>149,000</b>	<b>17,000</b>	<b>20,000</b>	<b>82,000</b>			<b>30,000</b>
<b>Sewer Projects</b>							
S3 Morganville Force Main Reroute	20,000			20,000			
<b>Subtotal Sewer Projects with REET II</b>	<b>20,000</b>			<b>20,000</b>			
<b>Stormwater Projects</b>							
D1 1st Ave & RR Ave & Miner Street	30,000		30,000				
D2 North Commercial and SR 169 Stormwater Treatment	60,000	40,000	20,000				
D3 5th Ave Reconstruction	75,000					75,000	
D4 Ginder Creek Headwall	70,000					20,000	50,000
D5 1st Ave & RR Ave & Miner Street	80,000						80,000
<b>Subtotal Stormwater Projects with REET II</b>	<b>315,000</b>	<b>40,000</b>	<b>50,000</b>			<b>95,000</b>	<b>130,000</b>
<b>Total REET II Projects</b>	<b>819,000</b>	<b>119,000</b>	<b>120,000</b>	<b>145,000</b>	<b>50,000</b>	<b>155,000</b>	<b>210,000</b>
<b>Total REET II Debt</b>							
<b>TOTAL REET II</b>	<b>819,000</b>	<b>119,000</b>	<b>120,000</b>	<b>145,000</b>	<b>50,000</b>	<b>155,000</b>	<b>210,000</b>
<b>REET II left for next year (Ending Balance)</b>	<b>2,316,344</b>	<b>278,555</b>	<b>407,122</b>	<b>770,684</b>	<b>1,376,248</b>	<b>1,993,687</b>	<b>2,630,518</b>
<b>REET based on Houses sold</b>		<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
Existing Property Sales (in 000's)		62 @\$250	75 @\$255	85 @\$260	95 @\$265	120 @\$270	140 @\$275
Other new home sales (in 000's)		5 @\$250	10 @\$255	10 @\$260	11 @\$265	12 @\$270	17 @\$275
MPD Phase 1 Resulting Sales - Per Fiscal Analysis		59,631	194,379	446,812	585,339	683,339	738,894

## CIP Public Works Summary Capital Improvement Plan 2014 - 2019

		Total \$ Project 2014 - 2019	2014	2015	2016	2017	2018	2019
<b>STREET PROJECTS</b>								
Priority								
	T1 General Street Improvement	180,000	30,000	30,000	30,000	30,000	30,000	30,000
	T3 Roberts Drive/State Rt 169 Roundabout	7,070,000	220,000	1,750,000	5,100,000			
	T4 Roberts Drive Rehabilitation	366,000		366,000				
	T5 Grant Matching Fund	240,000	40,000	40,000	40,000	40,000	40,000	40,000
	T6 Rock Creek Bridge	291,000		93,000	198,000			
	T7 Lawson Street Sidewalk	850,000		105,000	745,000			
	T8 Jones Lake Road	122,000	122,000					
	T9 228th & 224th & 216th Chip Seal	129,000			129,000			
	T10 5th Ave Reconstruction	267,000				38,000	229,000	
	T11 232nd Ave Overlay	143,000				35,000	108,000	
	T12 216th Ave SE Overlay	136,000						136,000
	T13 1st Ave & RR Ave N & Miner Street	188,000					188,000	
	T14 Pacific St & 5th St Improvement	93,000						93,000
	T15 Street Signs Replacement	20,923	20,923					
	T16 Sidewalk Extension	360,000		80,000	280,000			
	T17 Morgan Creek Road Preservation	97,000		97,000				
	T18 Plass Road Rehabilitation	25,000		25,000				
<b>STREET PROJECTS</b>		<b>10,577,923</b>	<b>432,923</b>	<b>2,586,000</b>	<b>6,522,000</b>	<b>143,000</b>	<b>595,000</b>	<b>299,000</b>
<b>WATER PROJECTS</b>								
	W1 Springs & River Crossing Rehab. Project	3,100,000	1,175,000	1,925,000				
	W2 Reservoir Painting and Maintenance	199,000	199,000					
	W3 Expanded Power Generation	680,000		140,000	540,000			
	W4 Fire Flow Loop - North Commercial Area	800,000					800,000	
	W5 Downtown Water Main Replacement	250,000	55,000	195,000				
	W6 Springs Trans Main Replacement	800,000					90,000	710,000
	W8 Water Comprehensive Plan Update	130,000		80,000	50,000			
	W9 4.3 Mil Gal Tank Maintenance & Repairs	30,000						30,000
	W10 Water Main Replacement Morgan Street	653,000			82,000			571,000
<b>WATER PROJECTS</b>		<b>6,642,000</b>	<b>1,429,000</b>	<b>2,340,000</b>	<b>672,000</b>		<b>890,000</b>	<b>1,311,000</b>
<b>SEWER PROJECTS</b>								
	S1 Infiltration and Inflow Reduction Program	180,000	30,000	30,000	30,000	30,000	30,000	30,000
	S2 Public Works Facilities and Equipment	3,100,000				100,000	500,000	2,500,000
	S3 Morganville Force Main Reroute	460,000			20,000	440,000		
	S4 Cedarbrook Sewer Main	250,000			250,000			
<b>SEWER PROJECTS</b>		<b>3,990,000</b>	<b>30,000</b>	<b>30,000</b>	<b>300,000</b>	<b>570,000</b>	<b>530,000</b>	<b>2,530,000</b>
<b>STORMWATER PROJECTS</b>								
	D1 Lake Sawyer Road Culvert and Guardrail	320,000		70,000	250,000			
	D2 North Commercial and SR 169 Stormwater Treatment Pond	870,000	40,000	80,000	750,000			
	D3 5th Ave Reconstruction	75,000					75,000	
	D4 Ginder Creek Headwall	70,000					20,000	50,000
	D5 1st Ave & RR Ave & Miner Street	80,000						80,000
<b>STORMWATER PROJECTS</b>		<b>1,415,000</b>	<b>40,000</b>	<b>150,000</b>	<b>1,000,000</b>		<b>95,000</b>	<b>130,000</b>
<b>TOTAL PUBLIC WORKS CAPITAL PROJECTS</b>		<b>22,624,923</b>	<b>1,931,923</b>	<b>5,106,000</b>	<b>8,494,000</b>	<b>713,000</b>	<b>2,110,000</b>	<b>4,270,000</b>

## CIP Public Works Summary FUNDING SUMMARY

Capital Improvement Plan 2014 - 2019

		Total \$ Project 2014 - 2019	2014	2015	2016	2017	2018	2019
<b>REET II Funding</b>								
T1	General Street Improvement	60,000	10,000	10,000	10,000	10,000	10,000	10,000
T5	Grant Matching Fund	240,000	40,000	40,000	40,000	40,000	40,000	40,000
W2	Reservoir Painting and Maintenance	12,000	12,000					
W5	Downtown Water Main Replacement	25,000	5,000	20,000				
W9	4.3 Mil Gal Tank Maintenance & Repairs	30,000						30,000
W10	Water Main Replacement Morgan Street	82,000			82,000			
T11	232nd Ave Overlay	35,000				35,000		
S2	Public Works Facilities and Equipment	100,000				100,000		
S3	Morganville Force Main Reroute	20,000			20,000			
D1	Lake Sawyer Road Culvert and Guardrail	30,000		30,000				
D2	North Commercial and SR 169 Stormwater Treatment Pond	60,000	40,000	20,000				
D3	5th Ave Reconstruction	75,000					75,000	
D4	Ginder Creek Headwall	70,000					20,000	50,000
D5	1st Ave & RR Ave & Miner Street	80,000						80,000
<b>Total REET II Funding</b>		<b>919,000</b>	<b>107,000</b>	<b>120,000</b>	<b>152,000</b>	<b>185,000</b>	<b>145,000</b>	<b>210,000</b>
<b>Water Rates</b>								
W8	Water Comprehensive Plan Update	80,000		80,000				
<b>Total Water Rates</b>		<b>80,000</b>		<b>80,000</b>				
<b>Sewer Loan to Water</b>								
W2	Reservoir Painting and Maintenance	187,000	187,000					
<b>Total Water Rates</b>		<b>187,000</b>	<b>187,000</b>					
<b>Sewer Connection Fees/Reserves</b>								
S1	Infiltration and Inflow Reduction Program	180,000	30,000	30,000	30,000	30,000	30,000	30,000
<b>Total Sewer Connection Fees/Reserves</b>		<b>180,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>
<b>Developer, Impact Fees and/or SEPA</b>								
T1	General Street Improvement	120,000	20,000	20,000	20,000	20,000	20,000	20,000
T3	Roberts Drive/State Rt 169 Roundabout	5,070,000	220,000		4,850,000			
T6	Rock Creek Bridge	130,000		20,000	110,000			
T7	Lawson Street Sidewalk	305,000		105,000	200,000			
W4	Fire Flow Loop - North Commercial Area	800,000					800,000	
W8	Water Comprehensive Plan Update	50,000			50,000			
D2	North Commercial and SR 169 Stormwater Treatment Pond	160,000		60,000	100,000			
<b>Total Developer, Street Impact and/or SEPA Fees</b>		<b>6,635,000</b>	<b>240,000</b>	<b>205,000</b>	<b>5,330,000</b>	<b>20,000</b>	<b>820,000</b>	<b>20,000</b>
<b>WSFFA</b>								
W1	Springs & River Crossing Rehab. Project	3,100,000	1,175,000	1,925,000				
W6	Springs Trans Main Replacement	800,000					90,000	710,000
<b>Total WSFFA</b>		<b>3,900,000</b>	<b>1,175,000</b>	<b>1,925,000</b>			<b>90,000</b>	<b>710,000</b>
<b>Transportation Benefit District</b>								
T10	5th Ave Reconstruction	267,000				38,000	229,000	
T12	216th Ave SE Overlay	136,000						136,000
T13	1st Ave & RR Ave N & Miner Street	188,000					188,000	
T17	Morgan Creek Road Preservation	97,000		97,000				
T18	Plass Road Rehabilitation	25,000		25,000				
<b>Total Transportation District</b>		<b>713,000</b>		<b>122,000</b>		<b>38,000</b>	<b>417,000</b>	<b>136,000</b>

FUNDING SUMMARY CONT.		Total \$ Project 2014 - 2019	Capital Improvement Plan 2014 - 2019					
			2014	2015	2016	2017	2018	2019
<b>Grants (TIB,CDBG,DOE, etc)</b>								
T3	Roberts Drive/State Rt 169 Roundabout	2,000,000		1,750,000	250,000			
T6	Rock Creek Bridge	140,000		25,000	115,000			
T7	Lawson Street Sidewalk	395,000			395,000			
T7	Lawson Street Sidewalk	150,000			150,000			
T8	Jones Lake Road	110,000	110,000					
T9	228th & 224th & 216th Chip Seal	116,000			116,000			
T11	232nd Ave Overlay	98,000					98,000	
T14	Pacific St & 5th St Improvement	83,000						83,000
T15	Street Signs Replacement	20,923	20,923					
T16	Sidewalk Extension	324,000		72,000	252,000			
W5	Downtown Water Main Replacement	225,000	50,000	175,000				
D1	Lake Sawyer Road Culvert and Guardrail	290,000		40,000	250,000			
D2	North Commercial and SR 169 Stormwater Treatment Pond	650,000			650,000			
<b>Total Grants</b>		<b>4,601,923</b>	<b>180,923</b>	<b>2,062,000</b>	<b>2,178,000</b>		<b>98,000</b>	<b>83,000</b>
<b>Grant Matching</b>								
T6	Rock Creek Bridge	21,000		8,000	13,000			
T8	Jones Lake Road	12,000	12,000					
T9	228th & 224th & 216th Chip Seal	13,000			13,000			
T11	232nd Ave Overlay	10,000					10,000	
T14	Pacific St & 5th St Improvement	10,000						10,000
T16	Sidewalk Extension	36,000		8,000	28,000			
<b>Total Grant Matching</b>		<b>102,000</b>	<b>12,000</b>	<b>16,000</b>	<b>54,000</b>		<b>10,000</b>	<b>10,000</b>
<b>Public Works Trust Fund Loans</b>								
T4	Roberts Drive Rehabilitation	366,000		366,000				
W10	Water Main Replacement Morgan Street	571,000						571,000
S2	Public Works Facilities and Equipment	2,500,000						2,500,000
S3	Morganville Force Main Reroute	440,000				440,000		
S4	Cedarbrook Sewer Main	250,000			250,000			
<b>Total PWTFF Loans</b>		<b>4,127,000</b>		<b>366,000</b>	<b>250,000</b>	<b>440,000</b>		<b>3,071,000</b>
<b>Undetermined Loan</b>								
W3	Expanded Power Generation	680,000		140,000	540,000			
<b>Total Undertimed Loan</b>		<b>680,000</b>		<b>140,000</b>	<b>540,000</b>			
<b>Transfer In From REET I</b>								
S2	Public Works Facilities and Equipment	500,000					500,000	
<b>Total Transfer In From REET I</b>		<b>500,000</b>					<b>500,000</b>	
<b>Grand Total Public Works CIP Funding</b>		<b>22,624,923</b>	<b>1,931,923</b>	<b>5,066,000</b>	<b>8,534,000</b>	<b>713,000</b>	<b>2,110,000</b>	<b>4,270,000</b>
<b>Loan Service Schedule</b>								
T4	Roberts Drive Rehabilitation	37,614						37,614
W2	Reservoir Painting and Maintenance	189,814		37,963	37,963	37,963	37,963	37,963
W3	Expanded Power Generation	113,047				37,682	37,682	37,682
S2	Public Works Facilities and Equipment	38,791					5,542	33,249
S3	Morganville Force Main Reroute	48,765					24,383	24,383
S4	Cedarbrook Sewer Main	41,561				13,854	13,854	13,854
<b>Total Loan Service Expenditure</b>		<b>469,593</b>	<b>-</b>	<b>37,963</b>	<b>37,963</b>	<b>89,499</b>	<b>119,423</b>	<b>184,745</b>

## Street Department (Transportation Projects) CAPITAL PROJECT SUMMARY

Expenditure Summary by Project							
<b>STREET DEPARTMENT</b>	Total \$ Requested 2014-2019	Capital Plan 2014 - 2019					
		2014	2015	2016	2017	2018	2019
T1 General Street Improvement	180,000	30,000	30,000	30,000	30,000	30,000	30,000
T3 Roberts Drive/State Rt 169 Roundabout	7,070,000	220,000	1,750,000	5,100,000			
T4 Roberts Drive Rehabilitation	366,000		366,000				
T5 Grant Matching Fund	240,000	40,000	40,000	40,000	40,000	40,000	40,000
T6 Rock Creek Bridge	291,000		93,000	198,000			
T7 Lawson Street Sidewalk	850,000		105,000	745,000			
T8 Jones Lake Road	122,000	122,000					
T9 228th & 224th & 216th Chip Seal	129,000			129,000			
T10 5th Ave Reconstruction	267,000				38,000	229,000	
T11 232nd Ave Overlay	143,000				35,000	108,000	
T12 216th Ave SE Overlay	136,000						136,000
T13 1st Ave & RR Ave N & Miner Street	188,000					188,000	
T14 Pacific St & 5th St Improvement	93,000						93,000
T15 Street Signs Replacement	20,923	20,923					
T16 Sidewalk Extension	360,000		80,000	280,000			
T17 Morgan Creek Road Preservation	97,000		97,000				
T18 Pass Road Rehabilitation	25,000		25,000				
<b>STREET DEPT TOTAL PROJECTS</b>	<b>10,577,923</b>	<b>432,923</b>	<b>2,586,000</b>	<b>6,522,000</b>	<b>143,000</b>	<b>595,000</b>	<b>299,000</b>

## Street Department (Transportation Projects) CAPITAL PROJECT SUMMARY

Funding Sources							
	Total \$ Requested 2014-2019	Capital Plan 2014 - 2019					
		2014	2015	2016	2017	2018	2019
<b>TIB, CDBG and Other Grants</b>							
T3 Roberts Drive/State Rt 169 Roundabout	2,000,000		1,750,000	250,000			
T6 Rock Creek Bridge	140,000		25,000	115,000			
T7 Lawson Street Sidewalk	395,000			395,000			
T7 Lawson Street Sidewalk	150,000			150,000			
T8 Jones Lake Road	110,000	110,000					
T9 228th & 224th & 216th Chip Seal	116,000			116,000			
T11 232nd Ave Overlay	98,000					98,000	
T14 Pacific St & 5th St Improvement	83,000						83,000
T15 Street Signs Replacement	20,923	20,923					
T16 Sidewalk Extension	324,000		72,000	252,000			
<b>Total Grants</b>	<b>3,436,923</b>	<b>130,923</b>	<b>1,847,000</b>	<b>1,278,000</b>		<b>98,000</b>	<b>83,000</b>
<b>Developer Funded/Impact Fees/SEPA</b>							
T1 General Street Improvement	120,000	20,000	20,000	20,000	20,000	20,000	20,000
T3 Roberts Drive/State Rt 169 Roundabout	5,070,000	220,000		4,850,000			
T6 Rock Creek Bridge	130,000		20,000	110,000			
T7 Lawson Street Sidewalk	305,000		105,000	200,000			
<b>Total Developer/Impact/SEPA Funding</b>	<b>5,625,000</b>	<b>240,000</b>	<b>145,000</b>	<b>5,180,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>
<b>Real Estate Excise Tax II Funding</b>							
T1 General Street Improvement	60,000	10,000	10,000	10,000	10,000	10,000	10,000
T5 Grant Matching Fund	240,000	40,000	40,000	40,000	40,000	40,000	40,000
T11 232nd Ave Overlay	35,000				35,000		
<b>Total REET II Funding</b>	<b>335,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>85,000</b>	<b>60,000</b>	<b>50,000</b>
<b>Transportation Benefit District</b>							
T10 5th Ave Reconstruction	267,000				38,000	229,000	
T12 216th Ave SE Overlay	136,000						136,000
T13 1st Ave & RR Ave N & Miner Street	188,000					188,000	
T17 Morgan Creek Road Preservation	97,000		97,000				
T18 Plass Road Rehabilitation	25,000		25,000				
<b>Total Transportation Benefit District</b>	<b>713,000</b>		<b>122,000</b>		<b>38,000</b>	<b>417,000</b>	<b>136,000</b>
<b>Grant Matching Fund</b>							
T6 Rock Creek Bridge	21,000		8,000	13,000			
T8 Jones Lake Road	12,000	12,000					
T9 228th & 224th & 216th Chip Seal	13,000			13,000			
T11 232nd Ave Overlay	10,000					10,000	
T14 Pacific St & 5th St Improvement	10,000						10,000
T16 Sidewalk Extension	36,000		8,000	28,000			
<b>Total Grant Matching Fund</b>	<b>102,000</b>	<b>12,000</b>	<b>16,000</b>	<b>54,000</b>		<b>10,000</b>	<b>10,000</b>
<b>PWTF Loan</b>							
T4 Roberts Drive Rehabilitation	366,000		366,000				
<b>Total PWTF Loan</b>	<b>366,000</b>		<b>366,000</b>				
<b>TOTAL STREET PROJECTS</b>	<b>10,577,923</b>	<b>412,923</b>	<b>2,526,000</b>	<b>6,542,000</b>	<b>143,000</b>	<b>575,000</b>	<b>269,000</b>
<b>TBD 10 Year Loan Payments</b>							
T4 Roberts Drive Rehabilitation	37,614						37,614
<b>Total TBD Loan Payments</b>	<b>37,614</b>						<b>37,614</b>

# Capital Improvement Plan 2014 - 2019

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

**PROJECT TITLE** **General Street Improvement** **13.01**

**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 2014 - 2019					
<b>CAPITAL PROJECT COSTS</b>	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Construction Costs	180,000	30,000	30,000	30,000	30,000	30,000	30,000
<b>TOTAL COSTS</b>	<b>180,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>
<b>REQUESTED FUNDING</b>	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
REET II	60,000	10,000	10,000	10,000	10,000	10,000	10,000
Street	120,000	20,000	20,000	20,000	20,000	20,000	20,000
<b>TOTAL SOURCES</b>	<b>180,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>



## Capital Improvement Plan 2014 - 2019

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

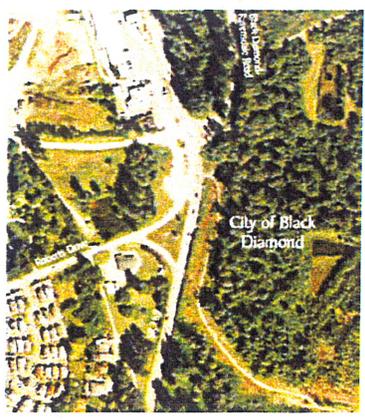
**PROJECT TITLE** **Roberts Drive/State Rt 169 Roundabout** **13.02**

**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 is responsible for 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.

	Total \$ Requested 2014-2019	Capital Plan 2014 - 2019					
		2014	2015	2016	2017	2018	2019
<b>CAPITAL PROJECT COSTS</b>							
Land/Right of Way	200,000		200,000				
Preliminary Engineering	200,000	200,000					
Environ Engr & Permitting	300,000		300,000				
Construction Engineering	500,000			500,000			
Bid Documents	50,000		50,000				
Design Engineering	600,000		600,000				
Construction Costs	4,900,000		350,000	4,550,000			
Environ Mitigation	200,000		200,000				
Project Administration	120,000	20,000	50,000	50,000			
<b>TOTAL COSTS</b>	<b>7,070,000</b>	<b>220,000</b>	<b>1,750,000</b>	<b>5,100,000</b>	-	-	-
<b>REQUESTED FUNDING</b>							
	<b>Total \$ Requested 2014-2019</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
Developer	5,070,000	220,000		4,850,000			
Grants	2,000,000		1,750,000	250,000			
<b>TOTAL SOURCES</b>	<b>7,070,000</b>	<b>220,000</b>	<b>1,750,000</b>	<b>5,100,000</b>	-	-	-



Proposed Roundabout



# Capital Improvement Plan 2014 - 2019

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

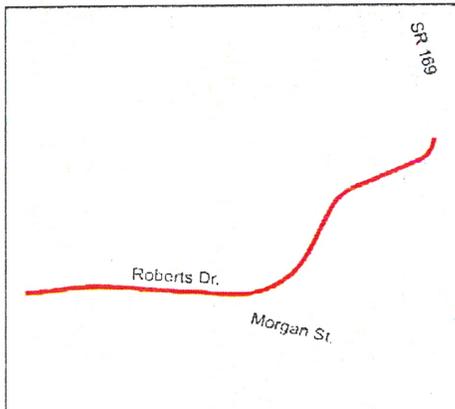
**PROJECT TITLE** **Roberts Drive Rehabilitation** **14.02**

**DESCRIPTION** Grind, Patch and Replace concrete panels; Seal joints and cracks; and Reinforce the shoulder of Roberts Drive Concrete road to extend the life of the existing roadway and improve the comfort of the driving surface.

**BACKGROUND** The concrete roadway is about 100 years old but needs some major repair work. This project is to repair and preserve the existing road. The City is also looking to bring the road up to an urban standard in project T8 with major grant assistance.

**COMMENTS**

		Capital Plan 2014 - 2019					
<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested 2014-2019</b>	2014	2015	2016	2017	2018	2019
Engineering & bid docs	28,000		28,000				
Management & Inspection	18,000		18,000				
Construction	320,000		320,000				
<b>TOTAL COSTS</b>	<b>366,000</b>	-	<b>366,000</b>	-	-	-	-
<b>REQUESTED FUNDING</b>	<b>Total \$ Requested 2014-2019</b>	2014	2015	2016	2017	2018	2019
PWTF Loan	366,000		366,000				
<b>TOTAL SOURCES</b>	<b>366,000</b>	-	<b>366,000</b>				
				2016	2017	2018	2019
<b>Debt Payments</b>							
TBD 10 year loan payments	150,456			37,614	37,614	37,614	37,614



# Capital Improvement Plan 2014 - 2019

**Project for the Street Department # T5**

**PROJECT TITLE** **Grant Matching Fund** **13.03**

**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 2014 - 2019					
<i>CAPITAL PROJECT COSTS</i>	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Funding to Match Grants	240,000	40,000	40,000	40,000	40,000	40,000	40,000
<b>TOTAL COSTS</b>	<b>240,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>
<i>REQUESTED FUNDING</i>	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Real Estate Excise Tax II	240,000	40,000	40,000	40,000	40,000	40,000	40,000
<b>TOTAL SOURCES</b>	<b>240,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>



### What is a matching grant?

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



# Capital Improvement Plan 2014 - 2019

**Project for the Street Department # T6**

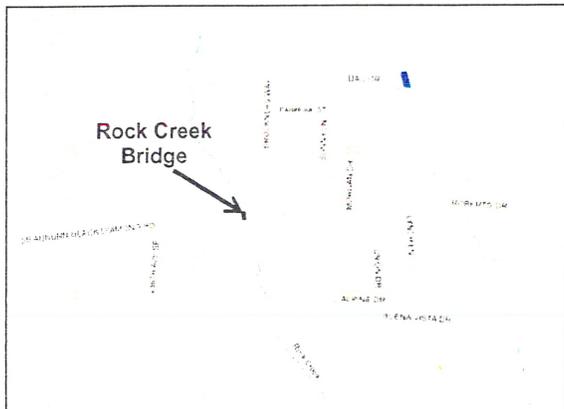
**PROJECT TITLE Rock Creek Bridge 13.04**

**DESCRIPTION** Replace the verticle barriers on the bridge, patch and coat the structure to prevent degradation of the structure, install guardrail transition sections on both ends to enhance motorist approach safety, attach a Pedestrian walkway on one side of the bridge, and reconstruct the roadway approaches and the asphalt surface on the bridge. Construct sidewalk connections on both ends of the attached pedestrian bridge.

**BACKGROUND** Parametrix completed a technical analysis and a review of options for improvements to the bridge crossing of Rock Creek in 2012. The budget developed below is based on the construction costs of the bridge rehab option developed in that technical memo plus engineering, project management costs, additional improvements on short sections of roadway on each end and a 20% contingency.

**COMMENTS** The Villages Developer may also proceed with their own separate stand alone project. The Developer contribution was shown here as a combined project for greater implementation efficiency and to improve the chances of attracting grant funding

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested 2014-2019</b>	<b>Capital Plan 2014 - 2019</b>					
		2014	2015	2016	2017	2018	2019
Engineering and bid docs	40,000		40,000				
Project management	20,000		10,000	10,000			
environmental permitting	23,000		23,000				
ped bridge design & const	130,000		20,000	110,000			
Bridge Rehabilitation	78,000			78,000			
<b>TOTAL COSTS</b>	<b>291,000</b>		<b>93,000</b>	<b>198,000</b>	-	-	-
<b>REQUESTED FUNDING</b>	<b>Total \$ Requested 2014-2019</b>	2014	2015	2016	2017	2018	2019
Developer-Villages Project	130,000		20,000	110,000			
Bridge Grant	140,000		25,000	115,000			
Grant Matching Funds	21,000		8,000	13,000			
<b>TOTAL SOURCES</b>	<b>291,000</b>	-	<b>53,000</b>	<b>238,000</b>	-	-	-



# Capital Improvement Plan 2014 - 2019

Project for the

**Street Department**

**# T7**

**PROJECT TITLE**

**Lawson Street Sidewalk**

**13.05**

**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.

	Total \$ Requested 2014-2019	Capital Plan 2014 - 2019					
		2014	2015	2016	2017	2018	2019
<b>CAPITAL PROJECT COSTS</b>							
Land/Right of Way	20,000		20,000				
Design Engineering	85,000		85,000				
Construction Costs	745,000			745,000			
<b>TOTAL COSTS</b>	<b>850,000</b>	<b>-</b>	<b>105,000</b>	<b>745,000</b>	<b>-</b>		
<b>REQUESTED FUNDING</b>							
	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Safe Route to School Grant	395,000			395,000			
TIB Pedestrian Grant	150,000			150,000			
Developer/Impact Fees/SEPA	305,000		105,000	200,000			
<b>TOTAL SOURCES</b>	<b>850,000</b>	<b>-</b>	<b>105,000</b>	<b>745,000</b>	<b>-</b>	<b>-</b>	<b>-</b>



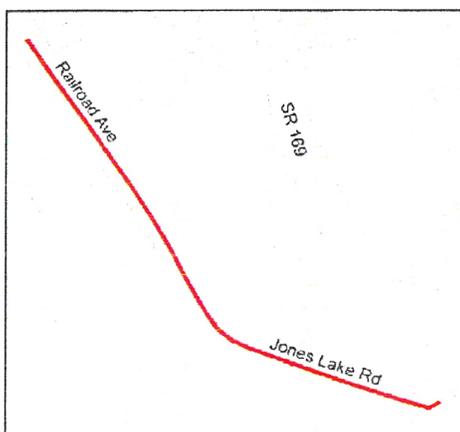
## Capital Improvement Plan 2014 - 2019

Project for the	Street Department	#	T8
<b>PROJECT TITLE</b>	<b>Jones Lake Road</b>		<b>14.01</b>

**DESCRIPTION** Patch and overlay Jones Lake Road from SR 169 to the end of the overlay preservation improvement on RR Ave.

**BACKGROUND** The pavement condition is average to poor. The roadway width is a little to narrow with no shoulders. The engineering, bid process, inspections and project management will be provided by City staff.

		Capital Plan 2014 - 2019					
<b>CAPITAL PROJECT COSTS</b>	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Engineering & bid docs	16,000	16,000					
Management & Inspection	10,000	10,000					
Construction	96,000	96,000					
<b>TOTAL COSTS</b>	<b>122,000</b>	<b>122,000</b>	-	-	-	-	-
<b>REQUESTED FUNDING</b>	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
TIB pavement preservation	110,000	110,000					
Grant Matching	12,000	12,000					
<b>TOTAL SOURCES</b>	<b>122,000</b>	<b>122,000</b>	-	-	-	-	-



## Capital Plan 2014 - 2019

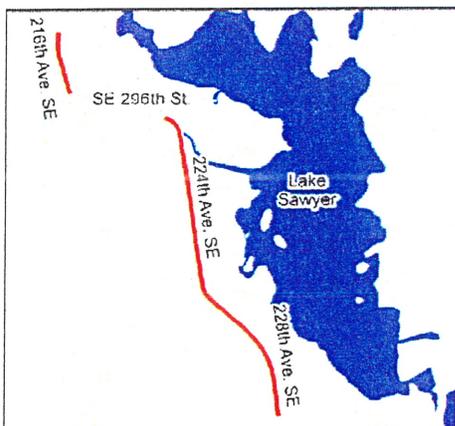
<b>Project for the</b>	<b>Street Department</b>	<b>#</b>	<b>T9</b>
<b>PROJECT TITLE</b>	<b>228th &amp; 224th &amp; 216th Chip Seal</b>	<b>14.03</b>	

**DESCRIPTION** Patch and Chip Seal 228th, 224th, and 216th Ave SE from Sawyerwood Elementary to the Covington Sawyer Road except for the section in front of the Fire Station and past Kent Lake Highlands.

**BACKGROUND** This long section of roadway can be preserved by 7 to 10 years at one third of the cost of an overlay. A chip seal will help stretch the grant funding and help the City get ahead of the curve with deteriorating streets.

**COMMENTS**

	Total \$ Requested 2014-2019	Capital Plan 2014 - 2019					
		2014	2015	2016	2017	2018	2019
<b>CAPITAL PROJECT COSTS</b>							
Design Engineering	16,000			16,000			
Management and Inspection	10,000			10,000			
Construction	103,000			103,000			
<b>TOTAL COSTS</b>	<b>129,000</b>	-	-	129,000	-	-	-
<b>REQUESTED FUNDING</b>							
TIB Pavement Preservation	116,000			116,000			
Grant Matching	13,000			13,000			
<b>TOTAL SOURCES</b>	<b>129,000</b>	-	-	129,000	-	-	-



## Capital Plan 2014 - 2019

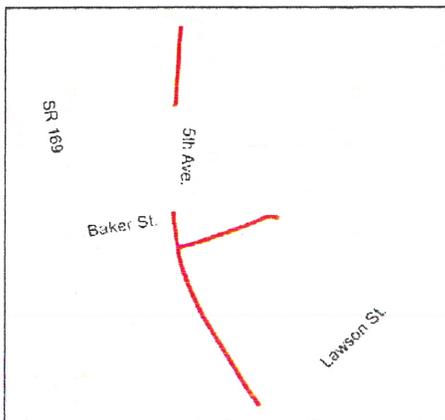
Project for the	<b>Street Department</b>	#	<b>T10</b>
<b>PROJECT TITLE</b>	<b>5th Ave Reconstruction</b>		<b>14.05</b>

**DESCRIPTION** This project is to reconstruct and widen 5th Ave from Lawson Street to Baker Street and a 250 foot section south of Park St. This project also includes a 420 foot section of Baker Street from 5th to 6th Ave. The scope of work includes; Grind up any remaining asphalt; Excavate unsuitable material; Import gravel base; finish grade with crushed rock; Pave a 4 inch asphalt road section 22 feet wide.

**BACKGROUND** The existing road surface is failing rapidly. The road is too narrow for cars to pass on a hardened surface. Cars driving off the edge of the asphalt cause muddy and turbid runoff conditions. Since this project will involve more than 5000 square feet of new impervious surface area storm water treatment and detention improvements will be required.

**COMMENTS** The City likely will need a storm drainage easement to convey storm water to a storm pond site. The City will purchase easements from willing sellers and will not be condemning property.

	Total \$ Requested 2014-2019	Capital Plan 2014 - 2019					
		2014	2015	2016	2017	2018	
<b>CAPITAL PROJECT COSTS</b>							
Land/Right of Way	10,000				10,000		
Design Engineering	20,000				20,000		
Management & Inspection	16,000				8,000	8,000	
Construction Costs	221,000					221,000	
<b>TOTAL COSTS</b>	<b>267,000</b>	-	-	-	<b>38,000</b>	<b>229,000</b>	-
<b>REQUESTED FUNDING</b>							
Transportation Benefit Dist	267,000				38,000	229,000	
<b>TOTAL SOURCES</b>	<b>267,000</b>	-	-	-	<b>38,000</b>	<b>229,000</b>	-



## Capital Plan 2014 - 2019

<b>Project for the</b>	<b>Street Department</b>	<b># T11</b>
<b>PROJECT TITLE</b>	<b>232nd Ave Overlay</b>	<b>14.04</b>

**DESCRIPTION** Grind and Patch failed areas of the street. Overlay 1600 feet of 232nd Ave SE from 288th Street to SE 293rd Street.

**BACKGROUND**

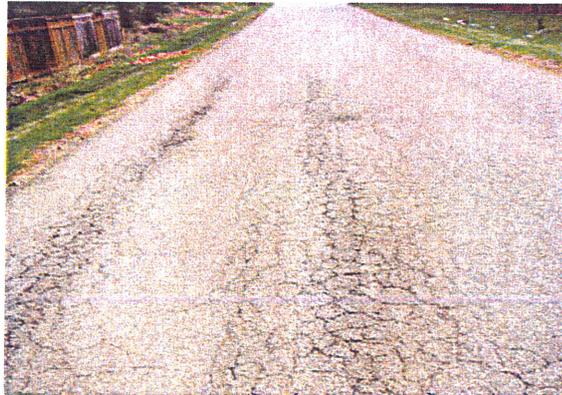
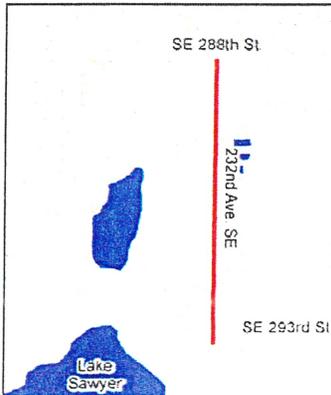
**COMMENTS**

This project is proposed for Transportation Benefit District Funding or pavement preservation funding. REET II will be used for street patching to keep the street within a pavement condition rating for TIB pavement preservation funding.

**CAPITAL PROJECT COSTS**

	Total \$ Requested 2014-2019	Capital Plan 2014 - 2019					2019
		2014	2015	2016	2017	2018	
Design Engineering	16,000					16,000	
Management and Inspection	10,000					10,000	
Grind and Patching	35,000				35,000		
Overlay contract	82,000					82,000	
<b>TOTAL COSTS</b>	<b>143,000</b>	-	-		35,000	108,000	-
	<b>Total \$ Requested 2014-2019</b>						
	<b>Requested 2014-2019</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
TIB pavement Preservation	98,000					98,000	
REET II	35,000				35,000		
Grant Matching	10,000					10,000	
<b>TOTAL SOURCES</b>	<b>143,000</b>	-	-	-	35,000	108,000	-

**REQUESTED FUNDING**



## Capital Plan 2014 - 2019

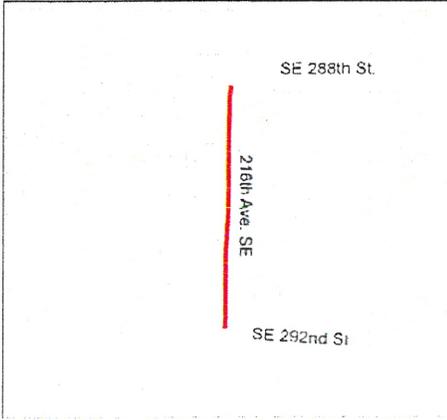
**Project for the** **Street Department** **# T12**

**PROJECT TITLE** **216th Ave SE Overlay** **14.06**

**DESCRIPTION** Grind and Patch the failed pavement sections; Overlay from fog line to fog line or curb. Traffic loops may need to be replaced. Restripe the street by the signal at the Lake Sawyer sign to the Coal Car.

**BACKGROUND** The City has been keeping up with crack sealing but the road will need an overlay to prevent more rapid deterioration and prevent extra spending on grinding and patching

		Capital Plan 2014 - 2019					
<i>CAPITAL PROJECT COSTS</i>	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Design Engineering	20,000						20,000
Management & Inspection	16,000						16,000
Construction Costs	100,000						100,000
<b>TOTAL COSTS</b>	<b>136,000</b>	-	-	-	-	-	<b>136,000</b>
<i>REQUESTED FUNDING</i>	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Transportation Benefit Dist	136,000						136,000
<b>TOTAL SOURCES</b>	<b>136,000</b>	-	-	-	-	-	<b>136,000</b>



## Capital Plan 2014 - 2019

**Project for the** **Street Department** # **T13**

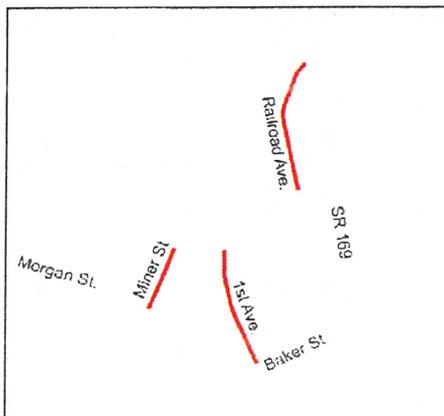
**PROJECT TITLE** **1st Ave & RR Ave N & Miner Street** **14.07**

**DESCRIPTION** Grade and pave these gravel streets. Excavation of unsuitable material and import of base rock will be required in some areas. Storm water treatment will be required for the new impervious at a minimum.

**BACKGROUND** The public served by these streets do not have the same level of service as most of the City. Although these improvement will not bring in curb, gutter and sidewalks the paved surface will be a significant improvement.

**COMMENTS** No costs are shown in the 6 year time frame as this project is expected to be designed and constructed after 2019 to keep the TBD fund in balance

		Capital Plan 2014 - 2019					
<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested 2014-2019</b>	2014	2015	2016	2017	2018	2019
Design Engineering	24,000					24,000	
Management & Inspection	12,000					12,000	
Construction Costs	152,000					152,000	
<b>TOTAL COSTS</b>	<b>188,000</b>	-	-	-	-	<b>188,000</b>	
<b>REQUESTED FUNDING</b>	<b>Total \$ Requested 2014-2019</b>	2014	2015	2016	2017	2018	2019
Transportation Benefit Dist	188,000					188,000	
<b>TOTAL SOURCES</b>	<b>188,000</b>	-	-	-	-	<b>188,000</b>	



## Capital Plan 2014 - 2019

**Project for the** **Street Department** # **T14**

**PROJECT TITLE** **Pacific St & 5th St Improvement** **14.08**

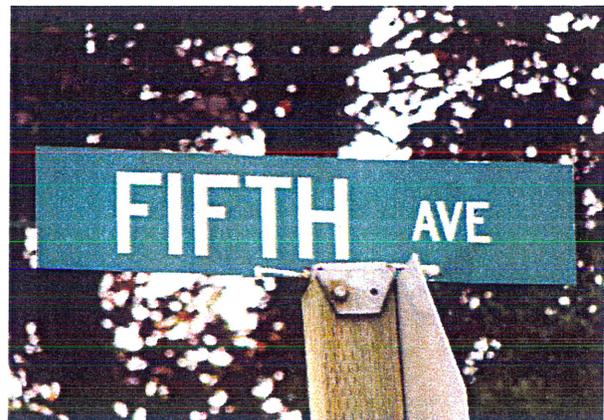
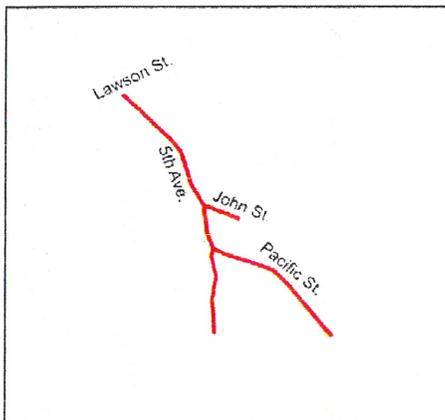
**DESCRIPTION** Grind and patch failed sections of 5th and Pacific south of Lawson Street. Overlay 5th Street and Pacific from Lawson Street to the end of the asphalt. Construct and extend the asphalt pavement to the end of the public right of way on 5th and Pacific and a short extension on Johns Street.

**BACKGROUND** The pavement condition has been compromised by various utility patches and the gravel sections have been areas of high maintenance.

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested 2014-2019</b>	<b>Capital Plan 2014 - 2019</b>					
		<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
Design Engineering	16,000						16,000
Management & Inspection	10,000						10,000
Construction Costs	67,000						67,000
<b>TOTAL COSTS</b>	<b>93,000</b>	-	-	-	-	-	<b>93,000</b>

<b>REQUESTED FUNDING</b>	<b>Total \$ Requested 2014-2019</b>	<b>Capital Plan 2014 - 2019</b>					
		<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
TIB Pavement Preservation	83,000						83,000
Grant Matching	10,000						10,000
<b>TOTAL SOURCES</b>	<b>83,000</b>	-	-	-	-	-	<b>93,000</b>



# Capital Plan 2014 - 2019

<b>Project for the</b>	<b>Street Department</b>	<b># T15</b>
<b>PROJECT TITLE</b>	<b>Street Signs Replacement</b>	<b>14.14</b>

**DESCRIPTION**

The City is planning to replace 292 street signs( including regulatory signs, warning signs, directional signs, and informational street signs) that do not meet reflectivity requirements. The purpose of this project is to increase safety for night driving and meet new state reflectivity requirements.

**BACKGROUND**

The public works staff located, photographed and measured the reflectivity of all of the signs in the City. With the information on the condition fo the City's signs the staff applied for a safety grant to replace the signs.

**COMMENTS**

The City received a Quick Response Safety Program Grant for \$20,923

**CAPITAL PROJECT COSTS**

Materials Purchasing  
Installation  
**TOTAL COSTS**

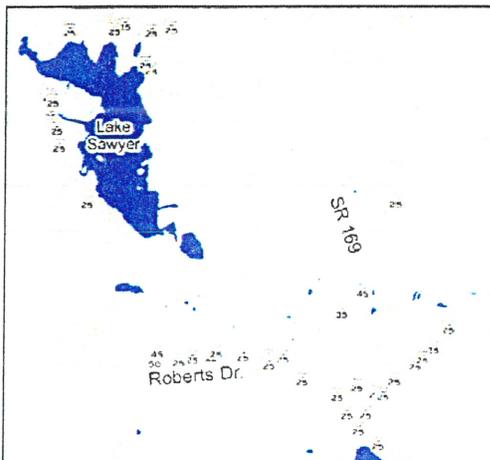
Capital Plan 2014 - 2019	Capital Plan 2014 - 2019					
	2014	2015	2016	2017	2018	2019
11,000	11,000					
9,923	9,923					
<b>20,923</b>	<b>20,923</b>	-	-	-	-	-

Capital Plan 2014 - 2019	Capital Plan 2014 - 2019					
	2014	2015	2016	2017	2018	2019
20,923	20,923					
<b>20,923</b>	<b>20,923</b>	-	-	-	-	-

**REQUESTED FUNDING**

Federal Safety Grant  
**TOTAL SOURCES**



# Capital Plan 2014 - 2019

<b>Project for the</b>	<b>Street Department</b>	<b># T16</b>
<b>PROJECT TITLE</b>	<b>Sidewalk Extension</b>	<b>14.18</b>

**DESCRIPTION**

Extend the City sidewalks along City arterials

**BACKGROUND**

The City desires to increase the walkability of the City through sidewalk extension projects.

**COMMENTS**

There are several and various sources of funding for sidewalks. Each program has different criteria. The project description here is general in nature to give the staff flexibility in scoping a sidewalk project to match the grant criteria

**CAPITAL PROJECT COSTS**

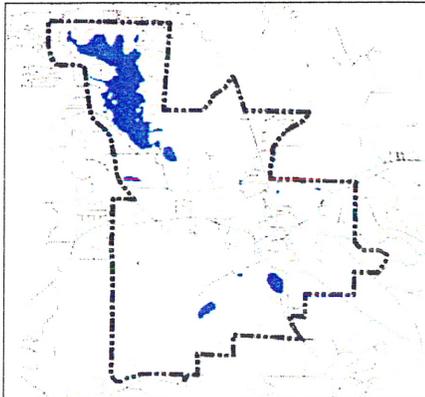
Preliminary Engineering 20,000  
 Engineering, design, bid docs 40,000  
 Project Mngmt/insp 20,000  
 Construction 280,000  
**TOTAL COSTS 360,000**

Capital Plan 2014 - 2019	Capital Plan 2014 - 2019					
	2014	2015	2016	2017	2018	2019
Preliminary Engineering		20,000				
Engineering, design, bid docs		40,000				
Project Mngmt/insp		20,000				
Construction			280,000			
<b>TOTAL COSTS</b>		<b>80,000</b>	<b>280,000</b>			

**REQUESTED FUNDING**

Sidewalk Grant 324,000  
 Grant Matching 36,000  
**TOTAL SOURCES 360,000**

Capital Plan 2014 - 2019	Capital Plan 2014 - 2019					
	2014	2015	2016	2017	2018	2019
Sidewalk Grant		72,000	252,000			
Grant Matching		8,000	28,000			
<b>TOTAL SOURCES</b>		<b>80,000</b>	<b>280,000</b>			



# Capital Plan 2014 - 2019

**Project for the** **Street Department** **# T17**

**PROJECT TITLE** **Morgan Creek Road Preservation**

**DESCRIPTION** Extend the life of the existing pavement with an asphalt seal coat.  
**BACKGROUND** A Seal Coat can extend the life of the pavement by 5 to 10 years at 1/4  
**COMMENTS**

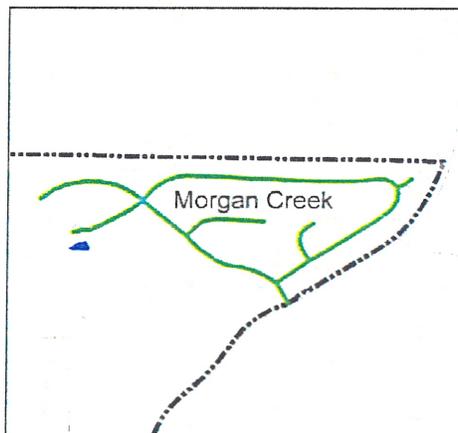
**CAPITAL PROJECT COSTS**

Admin, mngmt, Inspection 7,000  
 Construction 90,000  
**TOTAL COSTS** 97,000

	Capital Plan 2014 - 2019						
	Capital Plan 2014 - 2019	2014	2015	2016	2017	2018	2019
Admin, mngmt, Inspection	7,000		7,000				
Construction	90,000		90,000				
<b>TOTAL COSTS</b>	<b>97,000</b>	-	97,000	-	-	-	-
	Capital Plan 2014 - 2019						
Capital Plan 2014 - 2019	2014	2015	2016	2017	2018	2019	
Transportation Benefit Dist	97,000		97,000				
<b>TOTAL SOURCES</b>	<b>97,000</b>	-	97,000	-	-	-	

**REQUESTED FUNDING**

Transportation Benefit Dist 97,000  
**TOTAL SOURCES** 97,000



## Capital Plan 2014 - 2019

**Project for the** **Street Department** **# T18**

**PROJECT TITLE** **Plass Road Rehabilitation**

**DESCRIPTION** Cut back the overhanging limbs and trees to open up the roadway. Install a turnaround at the north end of the roadway. Patch deteriorated sections.

**BACKGROUND** This portion of public road became the City responsibility in 2010 with the annexation of the south Villages property.

**COMMENTS**

**CAPITAL PROJECT COSTS**

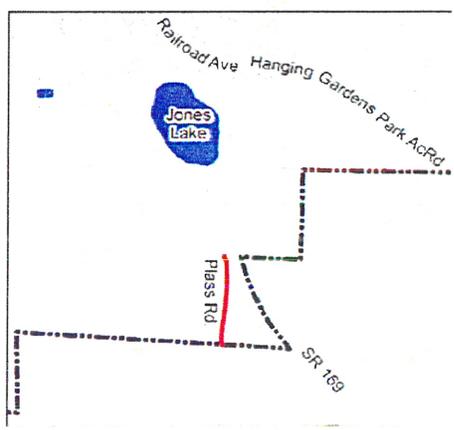
Admin, mngmt, Inspection  
Construction  
**TOTAL COSTS**

	Capital Plan 2014 - 2019	Capital Plan 2014 - 2019					
		2014	2015	2016	2017	2018	2019
Admin, mngmt, Inspection	5,000		5,000				
Construction	20,000		20,000				
<b>TOTAL COSTS</b>	<b>25,000</b>	-	<b>25,000</b>	-	-	-	-
	Capital Plan 2014 - 2019	2014	2015	2016	2017	2018	2019
Transportation Benefit Dist	25,000		25,000				
<b>TOTAL SOURCES</b>	<b>25,000</b>	-	<b>25,000</b>	-	-	-	-

**REQUESTED FUNDING**

Transportation Benefit Dist

**TOTAL SOURCES**



## Water Department CAPITAL PROJECT SUMMARY

Funding Summary by Project							
<b>WATER DEPARTMENT</b>	Capital Plan 2014 - 2019						
	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
W1 Springs & River Crossing Rehab. Project	3,100,000	1,175,000	1,925,000				
W2 Reservoir Painting and Maintenance	199,000	199,000					
W3 Expanded Power Generation	680,000		140,000	540,000			
W4 Fire Flow Loop - North Commercial Area	800,000					800,000	
W5 Downtown Water Main Replacement	250,000	55,000	195,000				
W6 Springs Trans Main Replacement	800,000					90,000	710,000
W8 Water Comprehensive Plan Update	130,000		80,000	50,000			
W9 4.3 Mil Gal Tank Maintenance & Repairs	30,000						30,000
W10 Water Main Replacement Morgan Street	653,000			82,000			571,000
<b>WATER DEPARTMENT TOTAL PROJECTS</b>	<b>6,642,000</b>	<b>1,429,000</b>	<b>2,340,000</b>	<b>672,000</b>		<b>890,000</b>	<b>1,311,000</b>
Funding Sources							
	Capital Plan 2014 - 2019						
	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
<b>Water Rates</b>							
W8 Water Comprehensive Plan Update	80,000		80,000				
<b>Total Water Rates</b>	<b>80,000</b>		<b>80,000</b>				
<b>Water System &amp; Facilities Funding Agmt (WSFFA)</b>							
W1 Springs & River Crossing Rehab. Project	3,100,000	1,175,000	1,925,000				
W6 Springs Trans Main Replacement	800,000					90,000	710,000
<b>Total WSFFA Funds</b>	<b>3,900,000</b>	<b>1,175,000</b>	<b>1,925,000</b>			<b>90,000</b>	<b>710,000</b>
<b>Grant Funding</b>							
W5 Downtown Water Main Replacement	225,000	50,000	175,000				
<b>Total Grant Funding</b>	<b>225,000</b>	<b>50,000</b>	<b>175,000</b>				
<b>Sewer Loan</b>							
W2 Reservoir Painting and Maintenance	187,000	187,000					
<b>Total Sewer Loan</b>	<b>187,000</b>	<b>187,000</b>					
<b>PWTF Loan</b>							
W10 Water Main Replacement Morgan Street	571,000						571,000
<b>Total PWTF Loan</b>	<b>571,000</b>						<b>571,000</b>
<b>Other Undetermined Loan</b>							
W3 Expanded Power Generation	680,000		140,000	540,000			
<b>Total Other Undetermined Loan</b>	<b>680,000</b>		<b>140,000</b>	<b>540,000</b>			
<b>Developer Funding</b>							
W4 Fire Flow Loop - North Commercial Area	800,000					800,000	
W8 Water Comprehensive Plan Update	50,000			50,000			
<b>Total Developer Funding</b>	<b>850,000</b>			<b>50,000</b>		<b>800,000</b>	
<b>Real Estate Excise Taxes II</b>							
W2 Reservoir Painting and Maintenance	12,000	12,000					
W5 Downtown Water Main Replacement	25,000	5,000	20,000				
W9 4.3 Mil Gal Tank Maintenance & Repairs	30,000						30,000
W10 Water Main Replacement Morgan Street	82,000			82,000			
<b>Total Real Estate Excise Taxes II</b>	<b>149,000</b>	<b>17,000</b>	<b>20,000</b>	<b>82,000</b>			<b>30,000</b>
<b>TOTAL FUNDING FOR WATER PROJECTS</b>	<b>6,642,000</b>	<b>1,242,000</b>	<b>2,260,000</b>	<b>672,000</b>		<b>890,000</b>	<b>1,311,000</b>
<b>Debt Funding</b>							
	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
W3 Expanded Power Generation	113,047				37,682	37,682	37,682
W2 Reservoir Painting and Maintenance	189,814		37,963	37,963	37,963	37,963	37,963
<b>TOTAL NON CAPITAL OPERATING</b>	<b>302,862</b>		<b>37,963</b>	<b>37,963</b>	<b>75,645</b>	<b>75,645</b>	<b>75,645</b>

## Capital Plan 2014 - 2019

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

**PROJECT TITLE** **Springs & River Crossing Rehab. Project** **13.06**

**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. Restoring the power generation capability has been moved to a separately tracked project.

**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.

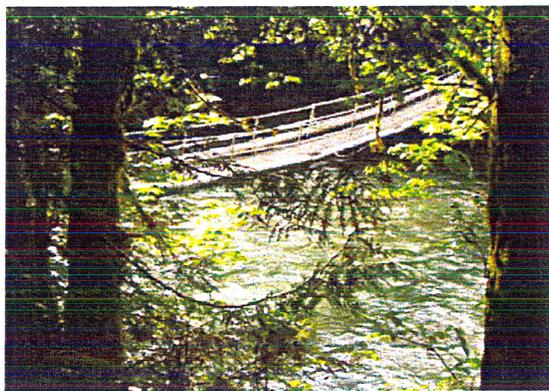
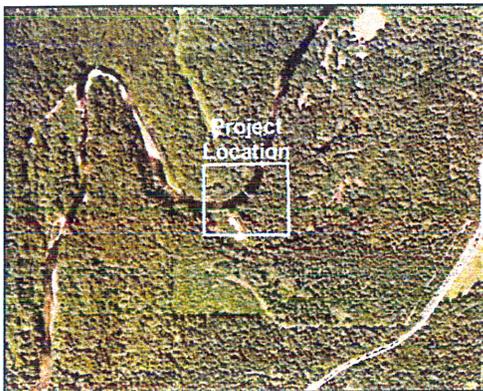
**CAPITAL PROJECT COSTS**

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

Capital Plan 2014 - 2019						
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Preliminary Engineering	-					
Design Engineering	100,000	100,000				
Project Management	200,000	75,000	125,000			
Construction Costs	2,800,000	1,000,000	1,800,000			
<b>TOTAL COSTS</b>	<b>3,100,000</b>	<b>1,175,000</b>	<b>1,925,000</b>	-	-	-
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Water Syst & Fac. Fndg Agrmt.	3,100,000	1,175,000	1,925,000	-		
<b>TOTAL SOURCES</b>	<b>3,100,000</b>	<b>1,175,000</b>	<b>1,925,000</b>	-	-	-

**REQUESTED FUNDING**

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



swinging bridge river crossing

# Capital Plan 2014 - 2019

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

**PROJECT TITLE** **Reservoir Painting and Maintenance** **13.07**

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

**BACKGROUND** The paint job has lasted over twenty years but must be repainted soon before sandblasting to metal is needed. A PWTF loan still is a possibility and could provide financing on a 10 year term at a 0.5% interest rate.

**COMMENTS** The budget was increased from the 2013 budget because of the paint condition, need for an additional access port, tank mixing and staff costs. The preliminary engineering will start in 2013 as budgeted. Loan for five years at .5 % interest will be repaid from water operating revenue.

	Total \$ Requested 2014-2019	Capital Plan 2014 - 2019					
		2014	2015	2016	2017	2018	2019
<b>CAPITAL PROJECT COSTS</b>							
Design Engineering & bid docs	27,000	27,000					
specialty inspection	5,000	5,000					
Tank Painting & improvements	141,000	141,000					
Project management	26,000	26,000					
<b>TOTAL COSTS</b>	<b>199,000</b>	<b>199,000</b>	-	-	-	-	-
<b>REQUESTED FUNDING</b>							
Sewer Loan	187,000	187,000					
Real Estate Excise Tax II	12,000	12,000					
<b>TOTAL SOURCES</b>	<b>199,000</b>	<b>199,000</b>	-	-	-	-	-

	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
<b>DEBT FUNDING</b>							
Internal Sewer Loan	189,814		37,963	37,963	37,963	37,963	37,963
<b>TOTAL DEBT FUNDING</b>	<b>189,814</b>	-	37,963	37,963	37,963	37,963	37,963



Old Lawson Hill 500,000 Gallon Tank

## Capital Plan 2014 - 2019

**Project for the** **Water Department** **# W3**

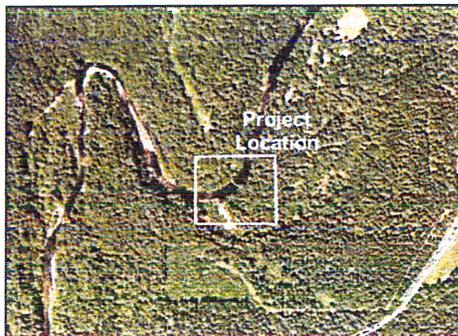
**PROJECT TITLE** **Expanded Power Generation** **14.09**

**DESCRIPTION** Replace the turbine, gear box and pump with a new larger turbine, electrical generator and connections to the power grid. The penstock and spring overflow pipes needs to be replaced and upsized. The tail race discharge needs to be replaced.

**BACKGROUND** This project will provide a source of green energy, prevent south bank erosion, reduce the risk of landslides into the Green River, reduce turbidity in the Green River and protect the stability of the spings collection sites. The City hopes to partner with an environmental group or a local tribe for the construction of a salmon spawning bed with the cool clean discharge water from the power generation.

**COMMENTS** Once the City has a back up power generation functioning at the spring site again, the project will reduce the water systems power costs by approximately \$20,000 per year. The City has not yet determined how much additional clean energy could be generated.

		Capital Plan 2014 - 2019					
		2014	2015	2016	2017	2018	2019
<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested 2014-2019</b>						
	Permitting & Grants		40,000				
	Engineering		100,000				
	Project Management			40,000			
	Construction Costs			500,000			
<b>TOTAL COSTS</b>	<b>680,000</b>	-	140,000	540,000	-	-	-
<b>REQUESTED FUNDING</b>	<b>Total \$ Requested 2014-2019</b>						
	Low interest energy loan	680,000		140,000	540,000		
<b>TOTAL SOURCES</b>	<b>680,000</b>	-	140,000	540,000	-	-	-
<b>DEBT FUNDING</b>	<b>Total \$ Requested 2014-2019</b>						
	WSFFA Partners	113,047				37,682	37,682
<b>TOTAL DEBT FUNDING</b>	<b>113,047</b>	-	-		37,682	37,682	37,682



# Capital Plan 2014 - 2019

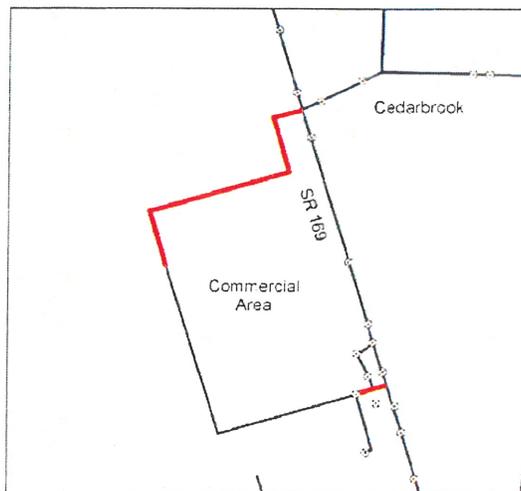
<b>Project for the</b>	<b>Water Department</b>	<b># W4</b>
<b>PROJECT TITLE</b>	<b>Fire Flow Loop - North Commercial Area</b>	<b>13.08</b>

**DESCRIPTION**                      Replace 200 feet of 4 inch asbestos concrete with 100 feet of 12 inch ductile iron water main across SR 169 at the power substation; Complete a 900 foot 12 inch ductile iron water main loop from Cedar Brook Mobile Home Park to the 6 inch asbestos water main behind Boots Tavern

**BACKGROUND**                      This is a capacity and system reliability project. Other commercial properties development along SR-169 may also be contributing or constructing portions of this project.

**COMMENTS**                         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 existing city system. Yarrow Bay commercial development in the North Triangle with required water line looping will make this project a lower priority.

	Total \$ Requested 2014-2019	Capital Plan 2014 - 2019					
		2014	2015	2016	2017	2018	2019
<b>CAPITAL PROJECT COSTS</b>							
Construction Costs	800,000					800,000	
<b>TOTAL COSTS</b>	<b>800,000</b>	-	-	-	-	<b>800,000</b>	-
<b>REQUESTED FUNDING</b>							
Developer Funded	800,000					800,000	
<b>TOTAL SOURCES</b>	<b>800,000</b>	-	-	-	-	<b>800,000</b>	-



## Capital Plan 2014 - 2019

**Project for the** **Water Department** **# W5**

**PROJECT TITLE** **Downtown Water Main Replacement** **14.10**

**DESCRIPTION**

Replace 750 feet of 6 inch asbestos water main with 750 feet of 8 inch ductile iron pipe RR Ave north of Morgan Street. Extend the 8 inch water main on first Ave 200 feet to complete a loop and eliminate a dead end line in the King County Housing Authority project. Replace 350 feet of 1.25 inch iron pipe and loop the line to Park Street or Miner Street.

**BACKGROUND**

This project will improve water quality by eliminating three dead end lines, Improve system reliability by removing substandard pipe material (asbestos), Improve water system functionality by providing a well connected grid of watermains and Improve fire flow by better connectivity.

**COMMENTS**

It should be noted that asbestos water pipe does not present a health hazard to the public water supply. The city has tests for asbestos in the water system and has found that the water supplied to the general public meets all the public health standards.

**CAPITAL PROJECT COSTS**

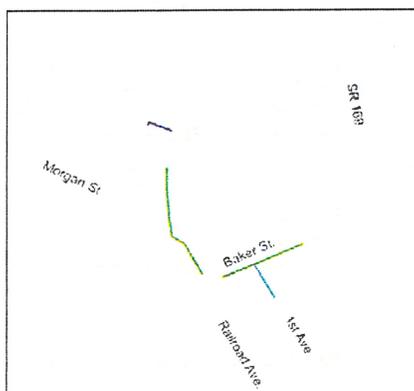
	Total \$ Requested 2014-2019	Capital Plan 2014 - 2019					
		2014	2015	2016	2017	2018	2019
Engineering	50,000	50,000					
Project Management	15,000	5,000	10,000				
Construction	175,000		175,000				
Inspection	10,000		10,000				
<b>TOTAL COSTS</b>	<b>250,000</b>	<b>55,000</b>	<b>195,000</b>	-	-	-	-
	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Com Dev Block Grant	225,000	50,000	175,000				
REET II	25,000	5,000	20,000				
<b>TOTAL SOURCES</b>	<b>250,000</b>	<b>55,000</b>	<b>195,000</b>	-	-	-	-

**REQUESTED FUNDING**

Com Dev Block Grant

REET II

**TOTAL SOURCES**



# Capital Plan 2014 - 2019

**Project for the** **Water Department** **# W6**

**PROJECT TITLE** *Springs Trans Main Replacement* **13.09**

**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.

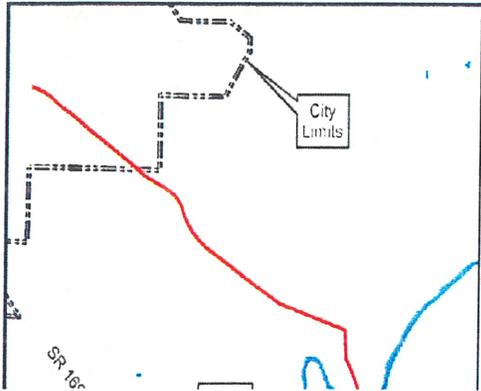
**BACKGROUND** This is a capacity and system reliability project funded by the Water Supply Facilities Funding Agreement.

**COMMENTS** It should be noted that asbestos water pipe does not present a health hazard to the public water supply. The city has tested for asbestos in the water system and found that the water supplied to the general public meets all the public health standards.

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested 2014-2019</b>	<b>Capital Plan 2014 - 2019</b>					
		2014	2015	2016	2017	2018	2019
Design Engineering	90,000					90,000	
Project Management/inspection	110,000						110,000
Construction Costs	600,000						600,000
<b>TOTAL COSTS</b>	<b>800,000</b>	-	-	-	-	90,000	710,000

<b>REQUESTED FUNDING</b>	<b>Total \$ Requested 2014-2019</b>	<b>Capital Plan 2014 - 2019</b>					
		2014	2015	2016	2017	2018	2019
Water Syst & Fac. Funding Agrmt.	800,000					90,000	710,000
<b>TOTAL SOURCES</b>	<b>800,000</b>	-	-	-	-	90,000	710,000



# Capital Plan 2014 - 2019

<b>Project for the</b>	<b>Water Department</b>	<b>#</b>	<b>W8</b>
<b>PROJECT TITLE</b>	<b>Water Comprehensive Plan Update</b>		<b>14.12</b>

**DESCRIPTION**                      The Department of Health requires an update of the Water Comprehensive Plan every 6 years. The City is due to update the Water Comprehensive Plan in 2015.

**COMMENTS**                        The Public Works Department will update the Water Comprehensive Plan primarily with in house staff with assistance from an outside consultant for water system modeling.

	Total \$ Requested 2014-2019	Capital Plan 2014 - 2019					
		2014	2015	2016	2017	2018	2019
<b>CAPITAL PROJECT COSTS</b>							
Project Management	130,000		80,000	50,000			
<b>TOTAL COSTS</b>	<b>130,000</b>	-	80,000	50,000	-	-	-
<b>REQUESTED FUNDING</b>							
Water Rates	80,000		80,000				
Developer Funded	50,000			50,000			
<b>TOTAL SOURCES</b>	<b>130,000</b>	-	80,000	50,000	-	-	-

## City of Black Diamond

### Water System Comprehensive Plan



## Capital Plan 2014 - 2019

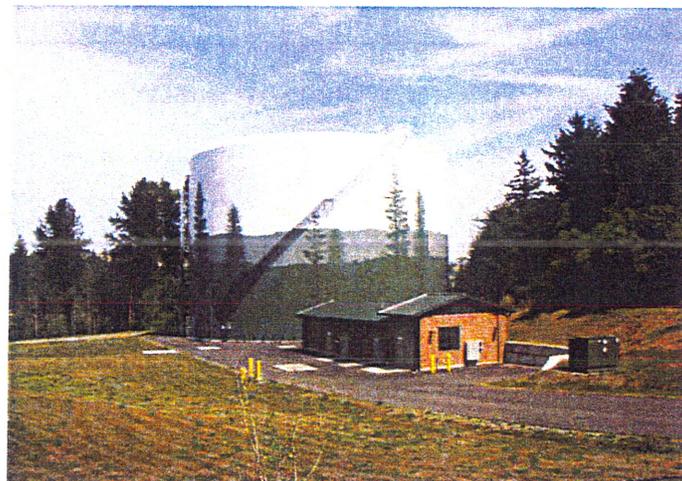
**Project for the** **Water Department** **# W9**

**PROJECT TITLE** **4.3 Mil Gal Tank Maintenance & Repairs** **14.11**

**DESCRIPTION** The 4.3 million gallon water tank will be 10 years old in 2016. The tank will need be drained and any and all spots of corrosion or paint damage will need to be spot treated to help preserve the over all inside and exterior coatings.

**COMMENTS** This project while it is a maintenance project does extend the life of the asset by about 5 to 10 years and therefore is included in this Capital Improvement Plan

		Capital Plan 2014 - 2019					
<i>CAPITAL PROJECT COSTS</i>	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Water Tank Maintenance	30,000						30,000
<b>TOTAL COSTS</b>	<b>30,000</b>	-	-	-	-	-	<b>30,000</b>
<i>REQUESTED FUNDING</i>	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
REET II	30,000						30,000
<b>TOTAL SOURCES</b>	<b>30,000</b>	-	-	-	-	-	<b>30,000</b>



**DESCRIPTION**

Replace 3350 feet of 6 inch asbestos water main from Commission to Roberts Drive including the 350 feet of 6 inch asbestos pipe in Terrace Place.

**BACKGROUND**

This project will improve fire flows to the Morganville area and replace substandard pipe that is nearing its useful performance life. This is a maintenance project funded by existing customers. The PWTF loan will run 20 years with the first payment of \$31,642.14 per year beginning in 2020.

**COMMENTS**

It should be noted that asbestos water pipe does not present a health hazard to the public water supply. The city has tests for asbestos in the water system and has found that the water supplied to the general public meets all the public

**CAPITAL PROJECT COSTS**

Preliminary Engineering  
Engineering, design, bid docs  
Project Mngmt/insp  
Construction  
Contingency  
Capital Outlay  
Other (Specify)

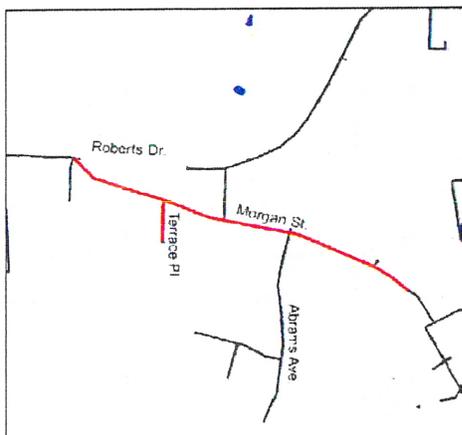
**TOTAL COSTS**

		Capital Plan 2014 - 2019					
Capital Plan 2014 - 2019		2014	2015	2016	2017	2018	2019
20,000				20,000			
62,000				62,000			
40,000							40,000
481,000							481,000
50,000							50,000
0							
0							
<b>653,000</b>		-	-	<b>82,000</b>	-	-	<b>571,000</b>
Capital Plan 2014 - 2019		2014	2015	2016	2017	2018	2019
82,000				82,000			
571,000							571,000
<b>653,000</b>		-	-	<b>82,000</b>	-	-	<b>571,000</b>

**REQUESTED FUNDING**

REET II  
PWTF Loan

**TOTAL SOURCES**



# CAPITAL PROJECT SUMMARY

Expenditure Summary by Project							
<b>SEWER DEPARTMENT</b>	Capital Plan 2014 - 2019						
	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
S1 Infiltration and Inflow Reduction Program	180,000	30,000	30,000	30,000	30,000	30,000	30,000
S2 Public Works Facilities and Equipment	3,100,000				100,000	500,000	2,500,000
S3 Morganville Force Main Reroute	460,000			20,000	440,000		
S4 Cedarbrook Sewer Main	250,000			250,000			
<b>SEWER DEPT TOTAL PROJECTS</b>	<b>3,990,000</b>	<b>30,000</b>	<b>30,000</b>	<b>300,000</b>	<b>570,000</b>	<b>530,000</b>	<b>2,530,000</b>
Funding Sources							
	Capital Plan 2014 - 2019						
	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
<b>REET II</b>							
S2 Public Works Facilities and Equipment	100,000				100,000		
S3 Morganville Force Main Reroute	20,000			20,000			
<b>Total REET II</b>	<b>120,000</b>			<b>20,000</b>			
<b>REET I</b>							
S2 Public Works Facilities and Equipment	500,000					500,000	
<b>Total REET I</b>	<b>500,000</b>					<b>500,000</b>	
<b>Sewer Reserves, New Customers &amp; Conn. Fees</b>							
S1 Infiltration and Inflow Reduction Program	180,000	30,000	30,000	30,000	30,000	30,000	30,000
<b>Total Sewer Reserves, New Customers &amp; Conn. Fees</b>	<b>180,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>
<b>Public Works Trust Fund Loan</b>							
S2 Public Works Facilities and Equipment	2,500,000						2,500,000
S3 Morganville Force Main Reroute	440,000				440,000		
S4 Cedarbrook Sewer Main	250,000			250,000			
<b>Total Public Works Trust Fund Loans</b>	<b>3,190,000</b>			<b>250,000</b>	<b>440,000</b>		<b>2,500,000</b>
<b>TOTAL FUNDING FOR SEWER PROJECTS</b>	<b>3,990,000</b>	<b>30,000</b>	<b>30,000</b>	<b>280,000</b>	<b>470,000</b>	<b>530,000</b>	<b>2,530,000</b>
<b>DEBT FUNDING</b>							
S2 Public Works Facilities and Equipment	38,791					5,542	33,249
S3 Morganville Force Main Reroute	48,765					24,383	24,383
S4 Cedarbrook Sewer Main	41,561				13,854	13,854	13,854
<b>TOTAL DEBT FUNDING FOR SEWER PROJECTS</b>	<b>129,118</b>				<b>13,854</b>	<b>43,778</b>	<b>71,486</b>

# Capital Plan 2014 - 2019

<b>Project for the</b>	<b>Sewer Department</b>	<b>#</b>	<b>S1</b>
<b>PROJECT TITLE</b>	<b>Infiltration and Inflow Reduction Program</b>		<b>13.10</b>

**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.

**CAPITAL PROJECT COSTS**

Design & Construction

**TOTAL COSTS**

**REQUESTED FUNDING**

**REQUESTED FUNDING**

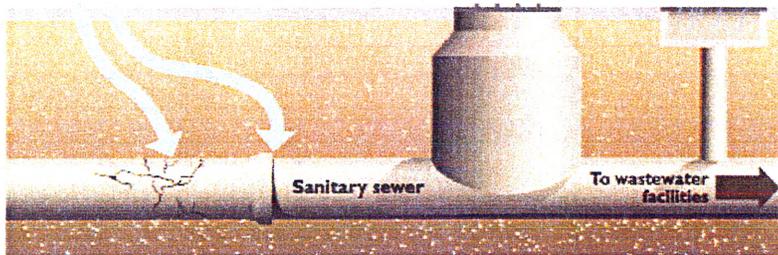
Sewer Reserve

**TOTAL SOURCES**

Capital Plan 2014 - 2019						
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
180,000	30,000	30,000	30,000	30,000	30,000	30,000
<b>180,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
180,000	30,000	30,000	30,000	30,000	30,000	30,000
<b>180,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>

**Infiltration:** ground water that seeps into the sanitary sewer through cracks or joints.

**Inflow:** rain water that enters the sanitary sewer through holes in manhole covers, catch basins, or improper plumbing connections.



# Capital Plan 2014 - 2019

<b>Sewer Department</b>		<b>S2</b>
<b>PROJECT TITLE</b>	<b>Public Works Facilities and Equipment</b>	<b>13.13</b>

**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 1% interest. The payment will be approximately \$144,079.82 split among the utilities; 13% for Street, and 29% each will come from Water, Sewer and Stormwater. The General Facility Charge may pay for a portion of the debt service. Land purchases will need a transfer from REET I.

Capital Plan 2014 - 2019						
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Engineering and Environmental				100,000		100,000
Site Improvements & Property costs					500,000	
Construction Costs						2,000,000
Major Equipment Purchases						400,000
<b>TOTAL COSTS</b>	<b>3,100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100,000</b>	<b>500,000</b>
						<b>2,500,000</b>
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
REET I	500,000				500,000	
REET II	100,000			100,000		
PWTF Loan	2,500,000					2,500,000
<b>TOTAL SOURCES</b>	<b>3,100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100,000</b>	<b>500,000</b>
						<b>2,500,000</b>
<b>DEBT FUNDING</b>						
PWTF Loan	38,791				5,542	33,249



# Capital Plan 2014 - 2019

<b>Project for the</b>	<b>Sewer Department</b>	<b>#</b>	<b>S3</b>
<b>PROJECT TITLE</b>	<b>Morganville Force Main Reroute</b>		<b>13.12</b>

**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. The Public Works Trust Fund Loan of 20 years generates a debt payment of \$24,382.74 per year at 1%.

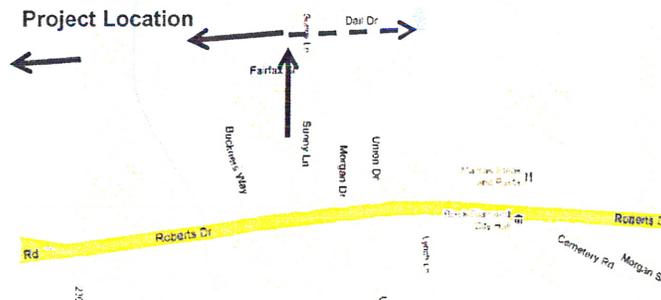
<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested 2014-2019</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
Preliminary Engineering	20,000			20,000			
Design Engineering	40,000				40,000		
Construction Costs	400,000				400,000		
<b>TOTAL COSTS</b>	<b>460,000</b>	-	-	20,000	440,000	-	-

<b>REQUESTED FUNDING</b>	<b>Total \$ Requested 2014-2019</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
Reet II	20,000	-	-	20,000		-	-
PWTF	440,000				440,000		
<b>TOTAL SOURCES</b>	<b>460,000</b>	-	-	20,000	440,000	-	-

<b>DEBT FUNDING</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
PWTF	48,765				24,383	24,383



# Capital Plan 2014 - 2019

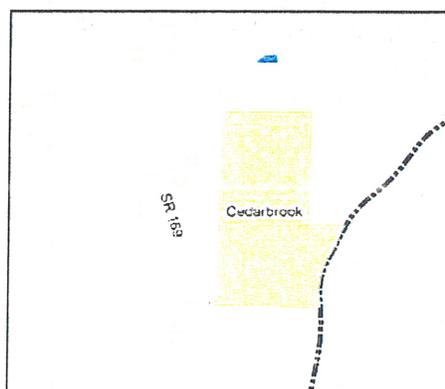
<b>Project for the</b>	<b>Sewer Department</b>	<b>#</b>	<b>S4</b>
<b>PROJECT TITLE</b>	<b>Cedarbrook Sewer Main</b>		<b>13.11</b>

**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** There is a possibility that this area will redevelop and sewer collection improvements will be required through the permitting process that may reduce the scope of this project.

**COMMENTS** This project reflects rehabilitation costs of the existing sewer not total replacement. A 20 year Public Works Trust Fund Loan will generate a debt payment of \$13,853.83 per year at 1%.

	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
<b>CAPITAL PROJECT COSTS</b>							
Design Engineering	250,000			250,000			
<b>TOTAL COSTS</b>	<b>250,000</b>	-	-	250,000	-	-	-
<b>REQUESTED FUNDING</b>							
PWTF	250,000	-	-	250,000		-	-
<b>TOTAL SOURCES</b>	<b>250,000</b>	-	-	250,000	-	-	-
<b>DEBT FUNDING</b>							
PWTF	41,561				13,854	13,854	13,854



# Stormwater Department CAPITAL PROJECT FUNDING SUMMARY

## Expenditure Summary by Project

STORMWATER		Capital Plan 2014 - 2019						
Project Name		Total \$ Requested 2014 - 2019	2014	2015	2016	2017	2018	2019
D1	13.14 Lake Sawyer Road Culvert and Guardrail	320,000		70,000	250,000			
D2	13.15 North Commercial and SR 169 Stormwater T	870,000	40,000	80,000	750,000			
D3	14.15 5th Ave Reconstruction	75,000					75,000	
D4	14.16 Ginder Creek Headwall	70,000					20,000	50,000
D5	14.17 1st Ave & RR Ave & Miner Street	80,000						80,000
<b>TOTAL EXPENDITURES</b>		<b>1,415,000</b>	<b>40,000</b>	<b>150,000</b>	<b>1,000,000</b>		<b>95,000</b>	<b>130,000</b>

## Funding Sources

		Total \$ Requested 2013-2018	2014	2015	2016	2017	2018	2019
<b>GRANTS</b>								
D1	13.14 Lake Sawyer Road Culvert and Guardrail	290,000		40,000	250,000			
D2	13.15 North Commercial and SR 169 Stormwater T	650,000			650,000			
<b>Total Ecology Grants</b>		<b>940,000</b>		<b>40,000</b>	<b>900,000</b>			
<b>REET II</b>								
D1	13.14 Lake Sawyer Road Culvert and Guardrail	30,000		30,000				
D2	13.15 North Commercial and SR 169 Stormwater T	60,000	40,000	20,000				
D3	14.15 5th Ave Reconstruction	75,000					75,000	
D4	14.16 Ginder Creek Headwall	70,000					20,000	50,000
D5	14.17 1st Ave & RR Ave & Miner Street	80,000						80,000
<b>Total REET II</b>		<b>315,000</b>	<b>40,000</b>	<b>50,000</b>			<b>95,000</b>	<b>130,000</b>
<b>Developer Funded</b>								
D2	13.15 North Commercial and SR 169 Stormwater T	160,000		60,000	100,000			
<b>Total Developer Funded</b>		<b>160,000</b>		<b>60,000</b>	<b>100,000</b>			
<b>TOTAL FUNDING FOR STORMWATER</b>		<b>1,415,000</b>	<b>40,000</b>	<b>150,000</b>	<b>1,000,000</b>		<b>95,000</b>	<b>130,000</b>

## Capital Projects 2014 - 2019

<b>Project for the</b>	<b>Stormwater Department</b>	<b>#</b>	<b>D1</b>
<b>PROJECT TITLE</b>	<b>Lake Sawyer Road Culvert and Guardrail</b>		<b>13.14</b>

**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. The summer 2012 inspections found the culverts to be structurally sound, but with serious corrosion and pitting in the lower third of the culverts and a few areas where corrosion has opened holes in the culvert. The culverts could be lined to preserve their structural integrity at about a third of the cost of replacement.

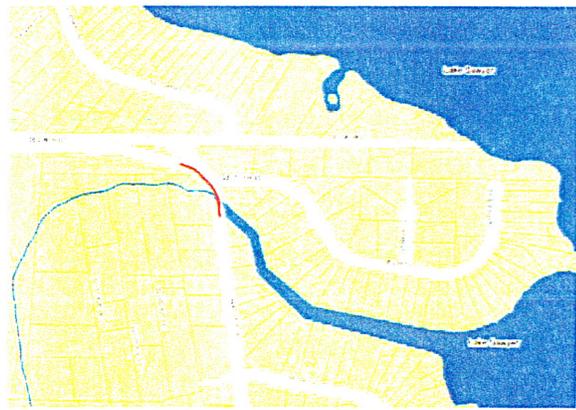
**BACKGROUND** The existing three culverts may impede the upstream migration of salmon. The existing corrugated metal culverts are showing signs of corrosion. The guard rails will protect the environment from errant stray vehicles.

**COMMENTS** Grant funding is anticipated and included in the financing for this project. If grant funding is not received, in the next couple of years the culvert lining project will need to be scheduled with City funds before the culverts deteriorate too much more.

Design Engineering  
Construction  
**TOTAL COSTS**

Capital Projects 2014 - 2019						
Total \$ Requested 2014 - 2019	2014	2015	2016	2017	2018	2019
Design Engineering		70,000				
Construction	250,000		250,000			
<b>TOTAL COSTS</b>	<b>320,000</b>	<b>-</b>	<b>70,000</b>	<b>250,000</b>	<b>-</b>	<b>-</b>
Total \$ Requested 2014 - 2019	2014	2015	2016	2017	2018	2019
Grants (Dept of Ecology)	290,000	40,000	250,000			
Reet II	30,000	30,000				
<b>TOTAL SOURCES</b>	<b>320,000</b>	<b>-</b>	<b>70,000</b>	<b>250,000</b>	<b>-</b>	<b>-</b>

**REQUESTED FUNDING**  
  
Grants (Dept of Ecology)  
Reet II  
**TOTAL SOURCES**



# Capital Projects 2014 - 2019

<b>Project for the</b>	<b>Stormwater Department</b>	<b># D2</b>
<b>PROJECT TITLE</b>	<b>North Commercial and SR 169 Stormwater Treatment Pond</b>	<b>13.15</b>

**DESCRIPTION**

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

**BACKGROUND**

Whereas there is a total maximum daily load (TMDL) on Lake Sawyer for phosphorous, the city should look for opportunities to reduce phosphorous inputs from existing untreated stormwater discharges. Stormwater outfall discharges from the commercial area and the state route appear to have the highest pollutant loadings as compared to other City stormwater outfalls.

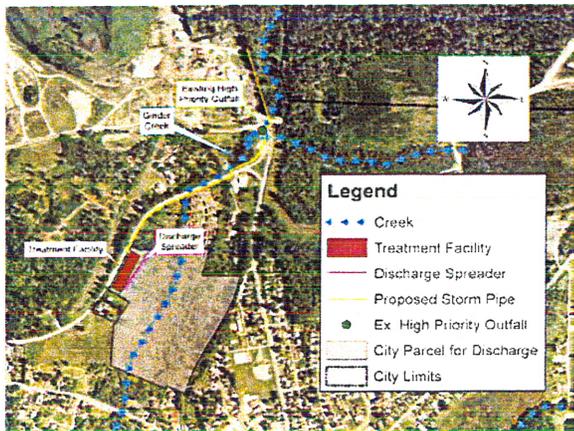
**COMMENTS**

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 also be possible.

Preliminary Engineer/Permitting  
 Design Engineering  
 Construction  
**TOTAL COSTS**

Grant  
 REET II  
 Developer Funded  
**TOTAL SOURCES**

Capital Projects 2014 - 2019						
Total \$ Requested 2014 - 2019	2014	2015	2016	2017	2018	2019
40,000	40,000					
80,000		80,000				
750,000			750,000			
<b>870,000</b>	<b>40,000</b>	<b>80,000</b>	<b>750,000</b>	<b>-</b>	<b>-</b>	<b>-</b>
Total \$ Requested 2014 - 2019	2014	2015	2016	2017	2018	2019
650,000			650,000			
60,000	40,000	20,000				
160,000		60,000	100,000			
<b>870,000</b>	<b>40,000</b>	<b>80,000</b>	<b>750,000</b>	<b>-</b>	<b>-</b>	<b>-</b>



Example of a Bioswale to Help Filter Storm Water

# Capital Projects 2014 - 2019

<b>Project for the</b> <i>PROJECT TITLE</i>	<b>Stormwater Department</b> <b>5th Ave Reconstruction</b>	<b># D3</b> <b>14.15</b>
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**DESCRIPTION**

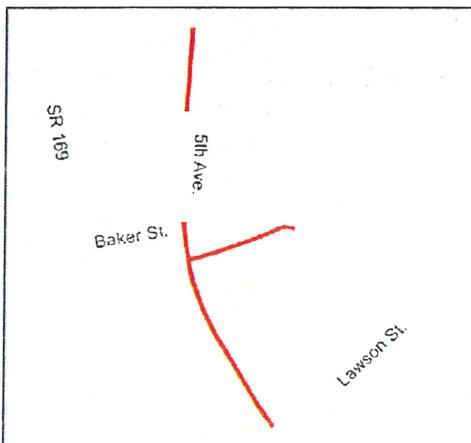
This is the storm water treatment and detention project for the roadway runoff from the 5<sup>th</sup> Ave Reconstruction project. Approximately 1000 feet of storm pipe, catch basins and a wet pond and dispersal trench. Locating the wet pond on the City's Public Works lot may be an option.

**BACKGROUND**

Whereas this project will require treatment and detention of the storm water runoff according to the department of Ecology storm water manual for the entire street, the Storm water utility needs to fund the improvements to the storm water system bringing treatment and detention up to code.

**COMMENTS**

Capital Projects 2014 - 2019						
Total \$ Requested 2014 - 2019	2014	2015	2016	2017	2018	2019
Construction					75,000	
<b>TOTAL COSTS</b>	<b>75,000</b>	-	-	-	<b>75,000</b>	-
Total \$ Requested 2014 - 2019	2014	2015	2016	2017	2018	2019
REET II					75,000	
<b>TOTAL SOURCES</b>	<b>75,000</b>	-	-	-	<b>75,000</b>	-



# Capital Projects 2014 - 2019

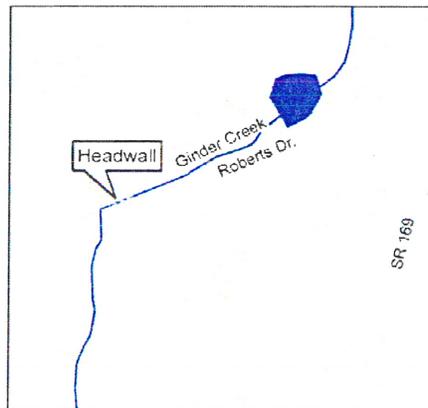
<b>Project for the</b>	<b>Stormwater Department</b>	<b>#</b>	<b>D4</b>
<b>PROJECT TITLE</b>	<b>Ginder Creek Headwall</b>	<b>14.16</b>	

**DESCRIPTION**                      Reconstruct an 80 foot section of the Ginder Creek Headwall along the north side of Roberts Drive

**BACKGROUND**                      The base of the existing concrete headwall was not constructed deep enough so that high flows in Ginder Creek have undermined the headwall destabilizing the wall. The headwall has been slowly tilting into the Creek. Staff has braced the headwall as an interim step to hold the wall in position.

**COMMENTS**                      This project is needed to protect the roadway and prevent the erosion that would occur if the headwall tipped over. A significant amount of the cost of this project will be related to environmental permitting.

Capital Projects 2014 - 2019							
	Total Requested 2014 - 2019	2014	2015	2016	2017	2018	2019
Preliminary Engineer/Permitting	10,000					10,000	
Design Engineering	10,000					10,000	
Construction	50,000						50,000
<b>TOTAL COSTS</b>	<b>70,000</b>	-	-	-	-	20,000	50,000
	Total Requested 2014 - 2019	2014	2015	2016	2017	2018	2019
REET II	70,000					20,000	50,000
<b>TOTAL SOURCES</b>	<b>70,000</b>	-	-	-	-	20,000	50,000



# Capital Projects 2014 - 2019

<b>Project for the</b>	<b>Stormwater Department</b>	<b># D5</b>
<b>PROJECT TITLE</b>	<b>1st Ave &amp; RR Ave &amp; Miner Street</b>	<b>14.17</b>

**DESCRIPTION**

Provide Storm pipe, catch basins, and storm pond for the collection and treatment of stormwater transportation project T10. Vacant portions of Railroad Ave may be able to be used for storm water treatment and discharge.

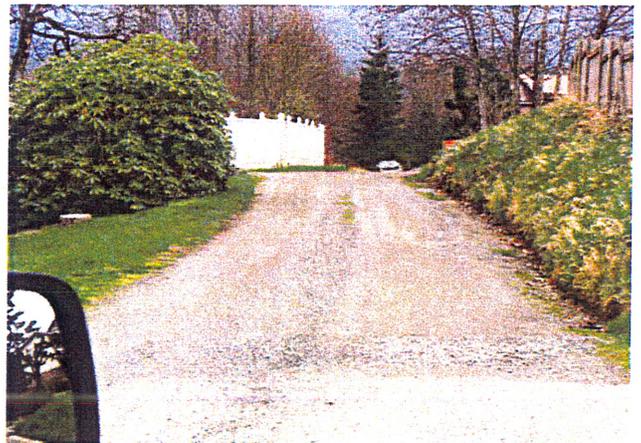
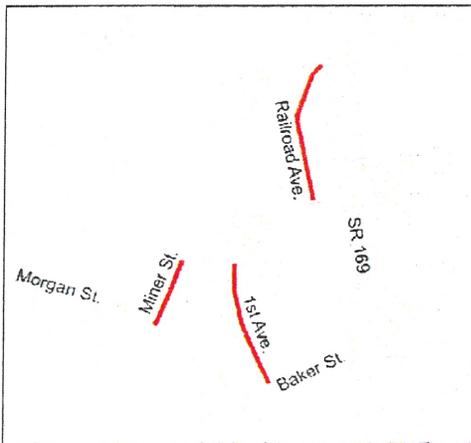
**BACKGROUND**

Whereas this project will require treatment and detention of the storm water runoff according to the department of Ecology storm water manual for the entire street, the Storm water utility needs to fund the improvements to the storm water system bringing treatment and detention up to code.

Construction  
**TOTAL COSTS**

Reet II  
**TOTAL SOURCES**

Capital Projects 2014 - 2019						
Total \$ Requested 2014 - 2019	2014	2015	2016	2017	2018	2019
80,000						80,000
<b>80,000</b>	-	-	-	-	-	<b>80,000</b>
Total \$ Requested 2014 - 2019	2014	2015	2016	2017	2018	2019
80,000						80,000
<b>80,000</b>	-	-	-	-	-	<b>80,000</b>

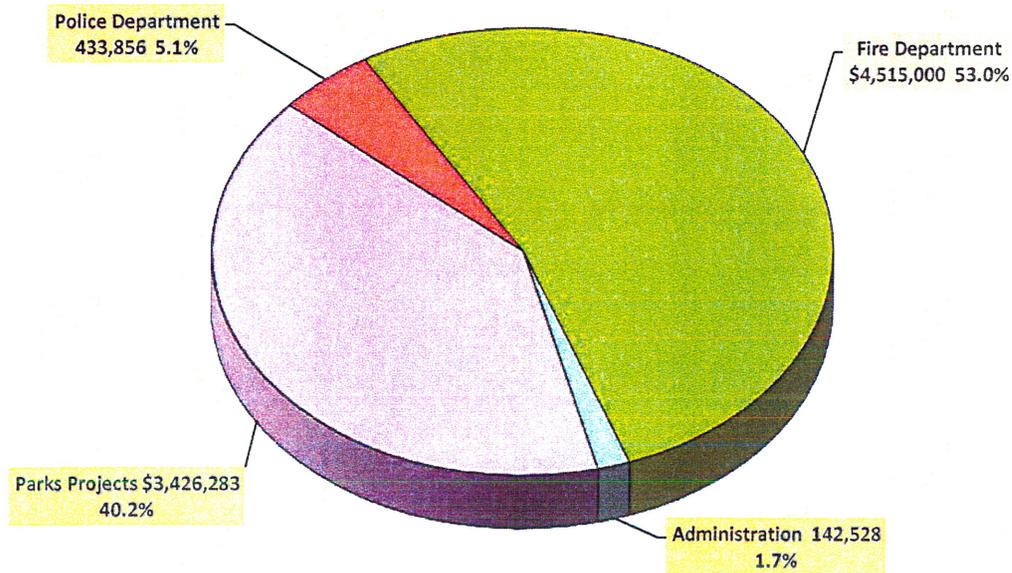


# General Government Department Summary

## Capital Improvement Plan 2014 - 2019

	Total \$ Project 2014 - 2019	2014	2015	2016	2017	2018	2019
<b>Parks Department</b>	<b>3,426,283</b>	<b>56,283</b>	<b>15,000</b>	<b>90,000</b>	<b>265,000</b>	<b>365,000</b>	<b>2,635,000</b>
<b>Public Safety</b>							
Police Department (incl Tech)	433,856	24,360	124,180	128,125	68,339	70,407	18,445
Fire Department	4,515,000	390,000	600,000	-	125,000	450,000	2,950,000
Subtotal	<b>4,948,856</b>	<b>414,360</b>	<b>724,180</b>	<b>128,125</b>	<b>193,339</b>	<b>520,407</b>	<b>2,968,445</b>
<b>General Government</b>							
City Technology (not Police)	117,528	20,113	19,763	19,713	18,513	19,713	19,713
Reroof Police Building	25,000	25,000	-	-	-	-	-
Subtotal	<b>142,528</b>	<b>45,113</b>	<b>19,763</b>	<b>19,713</b>	<b>18,513</b>	<b>19,713</b>	<b>19,713</b>
<b>TOTAL Projected Expenditures</b>	<b>\$ 8,517,667</b>	<b>\$ 459,473</b>	<b>\$ 743,943</b>	<b>\$ 147,838</b>	<b>\$ 211,852</b>	<b>\$ 540,120</b>	<b>\$ 2,988,158</b>

**General Government CIP by Type of Funding Total:                   \$8,517,667**



## CAPITAL IMPROVEMENT PLAN 2014 - 2019

CIP General Government Summary of Projects								
	Total \$ Project 2014 - 2019	2014	2015	2016	2017	2018	2019	
<b>POLICE PROJECTS</b>								
L1	Police Technology	106,270	15,060	16,763	18,333	18,425	19,245	18,445
L2	Patrol Car Replacement Plan	293,486		95,018	97,393	49,914	51,162	
L3	Police Radio Replacement	34,100	9,300	12,400	12,400			
<b>TOTAL POLICE PROJECTS</b>		<b>433,856</b>	<b>24,360</b>	<b>124,180</b>	<b>128,125</b>	<b>68,339</b>	<b>70,407</b>	<b>18,445</b>
<b>FIRE DEPARTMENT PROJECTS</b>								
F1	Replace Primary Fire Engine 98	365,000	365,000					
F2	Replace Reserve Engine	600,000		600,000				
F3	Replace Aid Car	225,000				225,000		
F4	Replace Brush Truck Chassis	85,000				85,000		
F5	New Fire Station and Equipment (Growth)	3,240,000	25,000		125,000	140,000	2,950,000	
<b>TOTAL FIRE PROJECTS</b>		<b>4,515,000</b>	<b>390,000</b>	<b>600,000</b>	<b>125,000</b>	<b>450,000</b>	<b>2,950,000</b>	
<b>PARKS PROJECTS</b>								
P2	Ginder Creek Trail Construction	41,283	41,283					
P3	Grant Matching Funds	60,000	10,000	10,000	10,000	10,000	10,000	10,000
P4	Forestry Management (Tree Fund)	30,000	5,000	5,000	5,000	5,000	5,000	5,000
P5	Regional Trail System	200,000				100,000	100,000	
P6	Lake Sawyer Regional Park Enhancements	3,075,000			75,000	250,000	250,000	2,500,000
P7	Union Stump Memorial Parking	20,000						20,000
<b>TOTAL PARKS PROJECTS</b>		<b>3,426,283</b>	<b>56,283</b>	<b>15,000</b>	<b>90,000</b>	<b>265,000</b>	<b>365,000</b>	<b>2,635,000</b>
<b>ADMINISTRATION &amp; CITY PROJECTS</b>								
A1	City Technology Upgrades	117,528	20,113	19,763	19,713	18,513	19,713	19,713
A2	Reroof Police Building	25,000	25,000					
<b>TOTAL ADMINISTRATION &amp; CITY PROJECTS</b>		<b>142,528</b>	<b>45,113</b>	<b>19,763</b>	<b>19,713</b>	<b>18,513</b>	<b>19,713</b>	<b>19,713</b>
<b>TOTAL GENERAL GOVT CAPITAL PROJECTS</b>		<b>8,517,667</b>	<b>515,756</b>	<b>758,943</b>	<b>237,838</b>	<b>476,852</b>	<b>905,120</b>	<b>5,623,158</b>

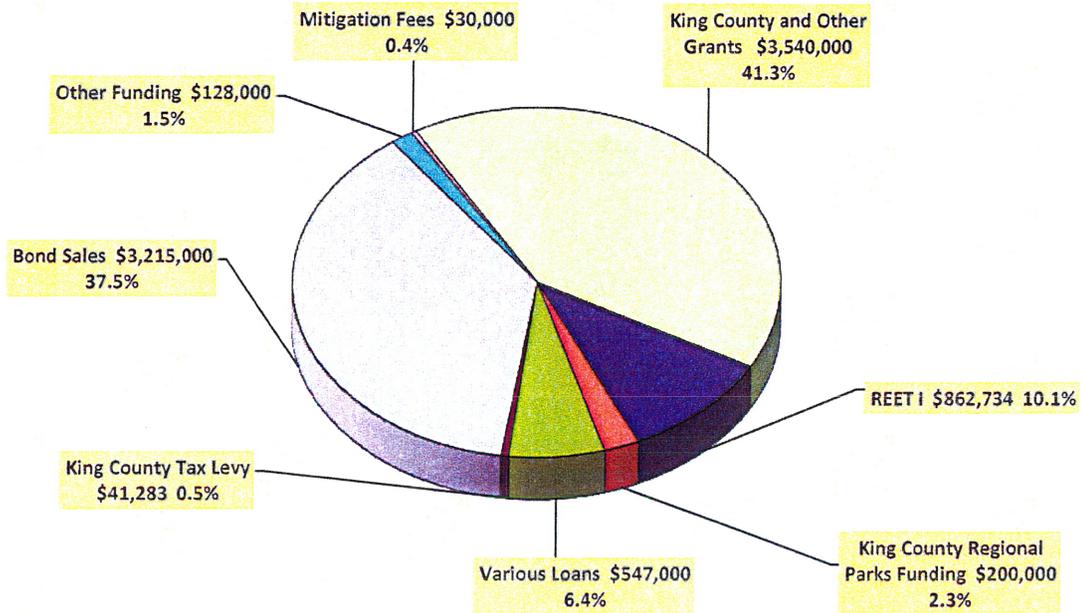
CIP General Government FUNDING Summary							
Capital Improvement Plan 2013 - 2018	Total \$ Project 2014 - 2019	2014	2015	2016	2017	2018	2019
<b>REET I FUNDING</b>							
L1 Police Technology	106,270	15,060	16,763	18,333	18,425	19,245	18,445
L2 Patrol Car Replacement Plan	339,836	46,350	95,018	97,393	49,914	51,162	
L3 Police Radio Replacement	34,100	9,300	12,400	12,400			
F2 Replace Reserve Engine	60,000		60,000				
F5 New Fire Station Study	25,000	25,000					
P3 Grant Matching Funds	60,000	10,000	10,000	10,000	10,000	10,000	10,000
P6 Lake Sawyer Regional Park Improvements	75,000				75,000		
P7 Union Stump Memorial Park	20,000						20,000
A1 City Technology Upgrades	117,528	20,113	19,763	19,713	18,513	19,713	19,713
A2 Reroof Police Building	25,000	25,000					
<b>Total REET I Funding for Gen Govt CIP PROJECTS</b>	<b>862,734</b>	<b>150,823</b>	<b>213,943</b>	<b>157,838</b>	<b>171,852</b>	<b>100,120</b>	<b>68,158</b>
<b>LOANS FOR FINANCING</b>							
F1 Engine 98 Replace (Loan Payment 10 yr)	240,000	240,000					
F3 Replace Aid Car (Loan Payment 12 yr)	225,000					225,000	
F4 Replace Brush-Truck Chassis	82,000					82,000	
<b>Total Loans</b>	<b>547,000</b>	<b>240,000</b>				<b>307,000</b>	
<b>GRANT FUNDING</b>							
F2 Replace Reserve Engine	540,000		540,000				
P6 Lake Sawyer Regional Park Improvements	3,000,000					250,000	2,750,000
<b>Total Grant Funding</b>	<b>3,540,000</b>		<b>540,000</b>			<b>250,000</b>	<b>2,750,000</b>
<b>KING COUNTY CONSERVATION DISTRICT FUNDING</b>							
P5 Regional Trail Systems	200,000					100,000	100,000
<b>Total King County Conservation District Funding</b>	<b>200,000</b>					<b>100,000</b>	<b>100,000</b>

CIP General Government FUNDING Summary (Continued)							
Capital Improvement Plan 2013 - 2018	Total \$ Project 2013 - 2018	2013	2014	2015	2016	2017	2018
<b>DEVELOPER/MITIGATION</b>							
P4 Forestry Management Funds	30,000	5,000	5,000	5,000	5,000	5,000	5,000
Total Developer/Mitigation Funding	30,000	5,000	5,000	5,000	5,000	5,000	5,000
<b>BOND SALES</b>							
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
<b>COUNTY TAX LEVY FOR PARKS</b>							
P2 Ginder Creek Trail Construction	41,283	41,283					
Total County Tax Levy For Parks	41,283	41,283					
<b>OTHER FUNDING</b>							
F1 Replace Engine 98 (Surplus Funding)	125,000	125,000					
F4 Brush Truck Chassis (Surplus Funding)	3,000					3,000	
Total Other Funding	128,000	125,000				3,000	
<b>TOTAL GEN GOV CIP FUNDING (less REET I Loan Payments)</b>	<b>8,564,017</b>	<b>562,106</b>	<b>758,943</b>	<b>162,838</b>	<b>301,852</b>	<b>905,120</b>	<b>5,873,158</b>
<b>LOAN PAYMENTS (REET I) *</b>							
F1 Engine 98 Replace (Loan Payment 10 yr)	152,760		30,552	30,552	30,552	30,552	30,552
F3 Replace Aid Car (Loan Payment 12 yr)	24,972						24,972
F4 Replace Brush-Truck Chassis	16,647						16,647
Total REET I Funding for Loan Payments	194,379		30,552	30,552	30,552	30,552	72,171

# CIP General Government Funding Summary

## Capital Improvement Plan 2014 - 2019

<b>REQUESTED FUNDING</b> <i>Includes Debt Repayments</i>	<b>Total \$ Project 2014 - 2019</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
King County and Other Grants	3,540,000		540,000			250,000	2,750,000
REET I - Direct	862,734	150,823	213,943	157,838	171,852	100,120	68,158
King County Regional Parks Funding	200,000					100,000	100,000
Various Loans	547,000	240,000				307,000	
King County Tax Levy	41,283	41,283					
Bond Sales	3,215,000				125,000	140,000	2,950,000
Other Funding	128,000	125,000				3,000	
Mitigation Fees	30,000	5,000	5,000	5,000	5,000	5,000	5,000
<b>TOTAL SOURCES</b>	<b>\$8,564,017</b>	<b>\$562,106</b>	<b>\$758,943</b>	<b>\$162,838</b>	<b>\$301,852</b>	<b>\$905,120</b>	<b>\$5,873,158</b>



## REET I ANALYSIS SUMMARY (Fund 310)

### Capital Improvement Plan 2014 - 2019

REET I - REVENUE			Capital Improvement Plan 2014 - 2019					
	2013 REET I Budgeted & Funded	2014-2019 Summary Total	2014	2015	2016	2017	2018	2019
Beg Fund Balance 104	170,890		170,890	194,798	258,870	579,041	1,032,201	1,673,968
REET Revenue (annual)								
1/4 of 1% REET - Existing Property		383,875	40,625	47,813	55,250	62,938	81,000	96,250
1/4 of 1% REET - Other new homes		43,075	3,125	6,375	6,500	7,288	8,100	11,688
1/4 of 1% REET - Phase 1A		2,708,394	59,631	194,379	446,812	585,339	683,339	738,894
<b>Subtotal REET I Revenue</b>		<b>3,135,344</b>	<b>103,381</b>	<b>248,567</b>	<b>508,562</b>	<b>655,564</b>	<b>772,439</b>	<b>846,832</b>
Reet II Transfer								
<b>TOTAL Avail. Balance for Gen Govt Projects</b>	<b>170,890</b>	<b>3,135,344</b>	<b>274,271</b>	<b>443,365</b>	<b>767,432</b>	<b>1,234,605</b>	<b>1,804,640</b>	<b>2,520,800</b>
REET I - PROJECT EXPENDITURES			Capital Improvement Plan 2014 - 2019					
	2013 REET I Budgeted & Funded	2014-2019 Summary Total	2014	2015	2016	2017	2018	2019
<b>General Government</b>								
A1 City Technology Upgrades		117,528	20,113	19,763	19,713	18,513	19,713	19,713
A2 Reroof Police Building		25,000	25,000					
<b>Subtotal General Government</b>	-	<b>142,528</b>	<b>45,113</b>	<b>19,763</b>	<b>19,713</b>	<b>18,513</b>	<b>19,713</b>	<b>19,713</b>
<b>Parks</b>								
P3 Grant Matching Funds		60,000	10,000	10,000	10,000	10,000	10,000	10,000
P6 Lake Sawyer Regional Park Improvements		75,000				75,000		
P7 Union Stump Memorial Park		20,000						20,000
<b>Subtotal Parks Projects with REET I</b>		<b>155,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>85,000</b>	<b>10,000</b>	<b>30,000</b>
<b>Public Safety</b>								
L1 Police Technology		106,270	15,060	16,763	18,333	18,425	19,245	18,445
L2 Patrol Car Replacement Plan		293,486		95,018	97,393	49,914	51,162	
L3 Police Radio Replacement		34,100	9,300	12,400	12,400			
<b>Subtotal Police</b>		<b>433,856</b>	<b>24,360</b>	<b>124,180</b>	<b>128,125</b>	<b>68,339</b>	<b>70,407</b>	<b>18,445</b>
F2 Replace Reserve Engine		60,000		60,000				
F5 New Fire Station Study		25,000	25,000					
<b>Subtotal Fire</b>		<b>85,000</b>	<b>25,000</b>	<b>60,000</b>				
<b>Subtotal Public Safety Proj. with REET I</b>		<b>518,856</b>	<b>49,360</b>	<b>184,180</b>	<b>128,125</b>	<b>68,339</b>	<b>70,407</b>	<b>18,445</b>
<b>Public Works Projects</b>								
S2 Public Works Facilities and Equipment		500,000					500,000	
<b>SUBTOTAL PUBLIC WORKS</b>		<b>500,000</b>					<b>500,000</b>	
<b>Total REET I Projects</b>		<b>1,018,856</b>	<b>79,473</b>	<b>153,943</b>	<b>157,838</b>	<b>171,852</b>	<b>100,120</b>	<b>68,158</b>
<b>Total REET I Debt</b>		<b>194,379</b>		<b>30,552</b>	<b>30,552</b>	<b>30,552</b>	<b>30,552</b>	<b>72,171</b>
<b>TOTAL REET I</b>		<b>1,213,235</b>	<b>79,473</b>	<b>184,495</b>	<b>188,390</b>	<b>202,404</b>	<b>130,672</b>	<b>140,329</b>
REET I left for next year (Ending Balance)	170,890	2,116,488	194,798	258,870	579,041	1,032,201	1,673,968	2,380,471
<b>REET based on Houses sold</b>			<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
Existing Property Sales (in 000's)			62 @\$250	75 @\$255	85 @\$260	95 @\$265	120 @\$270	140 @\$275
Other new home sales (in 000's)			5 @\$250	10 @\$255	10 @\$260	11 @\$265	12 @\$270	17 @\$275
MPD Phase 1 Resulting Sales - Per Fiscal Analysis			59,631	194,379	446,812	585,339	683,339	738,894

## NR/Parks Department CAPITAL PROJECT SUMMARY

Expenditure Summary by Project							
Project Name	Capital Plan 2014 - 2019						
	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
P2 Ginder Creek Trail Construction	41,283	41,283					
P3 Grant Matching Funds	60,000	10,000	10,000	10,000	10,000	10,000	10,000
P4 Forestry Management (Tree Fund)	30,000	5,000	5,000	5,000	5,000	5,000	5,000
P5 Regional Trail System	200,000					100,000	100,000
P6 Lake Sawyer Regional Park Enhancements	3,075,000			75,000	250,000	250,000	2,500,000
P7 Union Stump Memorial Parking	20,000						20,000
<b>TOTAL PLANNED EXPENDITURES</b>	<b>\$3,426,283</b>	<b>\$56,283</b>	<b>\$15,000</b>	<b>\$90,000</b>	<b>\$265,000</b>	<b>\$365,000</b>	<b>\$2,635,000</b>
Funding Sources							
	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
<b>Recreation &amp; Conservation Grant (RCO)</b>							
P6 Lake Sawyer Regional Park Improvements	3,000,000					250,000	2,750,000
<b>Total RCO Grant Funding</b>	<b>\$3,000,000</b>					<b>\$250,000</b>	<b>\$2,750,000</b>
<b>King County Tax Levy</b>							
P2 Ginder Creek Trail Construction	41,283	41,283					
<b>Total King County Levy Funding</b>	<b>\$41,283.00</b>	<b>\$41,283</b>					
<b>Tree Mitigation Funds</b>							
P4 Forestry Management Funds	30,000	5,000	5,000	5,000	5,000	5,000	5,000
<b>Total Tree Mitigation Funding</b>	<b>\$30,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>
<b>King Conservation District Grant Funds</b>							
P5 Regional Trail Systems	200,000					100,000	100,000
<b>Total KCD Grant Funds</b>	<b>\$200,000</b>					<b>\$100,000</b>	<b>\$100,000</b>
<b>REET I Funding</b>							
P3 Grant Matching Funds	60,000	10,000	10,000	10,000	10,000	10,000	10,000
P6 Lake Sawyer Regional Park Improvements	75,000				75,000		
P7 Union Stump Memorial Park	20,000						20,000
<b>Total REET I Funding</b>	<b>\$155,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$85,000</b>	<b>\$10,000</b>	<b>\$30,000</b>
<b>TOTAL NR/PARKS PROJECT FUNDING</b>	<b>\$3,426,283</b>	<b>\$56,283</b>	<b>\$15,000</b>	<b>\$15,000</b>	<b>\$90,000</b>	<b>\$365,000</b>	<b>\$2,885,000</b>
<b>Ongoing Maintenance and Operating Costs</b>							
	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Trail Maintenance (salaries)	30,000	5,000	5,000	5,000	5,000	5,000	5,000
<b>Total Trail Maintenance (Salaries)</b>	<b>\$30,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>

## Capital Improvement Plan 2014 - 2019

<b>Project for the</b>	<b>NR/Parks Department</b>	<b>#</b>	<b>P2</b>
<b>PROJECT TITLE</b>	<b>Ginder Creek Trail Restoration</b>		

**DESCRIPTION** Restoration of the riparian buffer along the City's Ginder Creek property, property or easement acquisition and the construction of a graveled trail to link Roberts Drive with Morgan Street.

**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. As future King County tax levy funds are subject to approval by the voters in 2013, future funding is not assured. Hence, no future funding after 2014 are shown in this years Capital Improvement's Program. Shown funds include the accrual of previous years allocations and an estimate for 2014. These funds need to be utilized prior to December of 2014.

**CAPITAL PROJECT COSTS**

Trail Improvements  
Construction Costs

**TOTAL COSTS**

**REQUESTED FUNDING**

King County Tax Levy

**TOTAL SOURCES**

Capital Plan 2014 - 2019						
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
\$16,000	\$16,000					
\$25,283	\$25,283					
<b>\$41,283</b>	<b>\$41,283</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
\$41,283	\$41,283					
<b>\$41,283</b>	<b>\$41,283</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>



Ginder Creek

# Capital Improvement Plan 2014 - 2019

**Project for the** **NR/Parks Department** **# P3**  
**PROJECT TITLE** **Grant Matching Funds**

**DESCRIPTION** Funds earmarked for matching grant resources to be utilized in the design and construction of Parks and Natural Resource enhancement projects. This project has a 2012 carry-over balance of \$33,283 available.

**CAPITAL PROJECT COSTS**

Transfer Reserves

**TOTAL COSTS**

**REQUESTED FUNDING**

REET I

**TOTAL SOURCES**

Capital Plan 2014 - 2019						
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
60,000	10,000	10,000	10,000	10,000	10,000	10,000
<b>\$60,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
60,000	10,000	10,000	10,000	10,000	10,000	10,000
<b>\$60,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>

### What is a matching grant?

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



## Capital Improvement Plan 2014 - 2019

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

**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 Preservation Ordinance in 2011. Revenue is shown to be consistent each year through 2019, but as the MPD's move forward, these contributions will increase based on site development progress and cannot be predicted accurately at this time.

**CAPITAL PROJECT COSTS**  
Reforestration Program NR  
**TOTAL COSTS**

Capital Plan 2014 - 2019						
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
\$30,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
<b>\$30,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
\$30,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
<b>\$30,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>

**REQUESTED FUNDING**

Tree Mitigation Funds

**TOTAL SOURCES**



The City planted a young Sequoia Tree at the corner of HWY 169 & Roberts Drive in late 20

## Capital Improvement Plan 2014 - 2019

<b>Project for the</b>	<b>NR/Park Department</b>	<b>#</b>	<b>P5</b>
<b>PROJECT TITLE</b>	<b>Regional Trail System Development</b>		

**DESCRIPTION**

Regional trail concept devised by King County and the City of Black Diamond, running north to south and vice versa. The trail follows the old rail line to the north, through Lake Sawyer Park, eventually connecting to Flaming Geyser State Park along the Green River to the south.

**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. In 2012, King County completed a conceptual design for the trail corridor, with cost estimates based on ground-truthing completed by Parametrix, Inc.

**CAPITAL PROJECT COSTS**

Construction Costs

**TOTAL COSTS**

**REQUESTED FUNDING**

RCO Grant Match with KC

**TOTAL SOURCES**

Capital Plan 2014 - 2019						
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
200,000					100,000	100,000
<b>\$200,000</b>	-	-	-	-	100,000	100,000

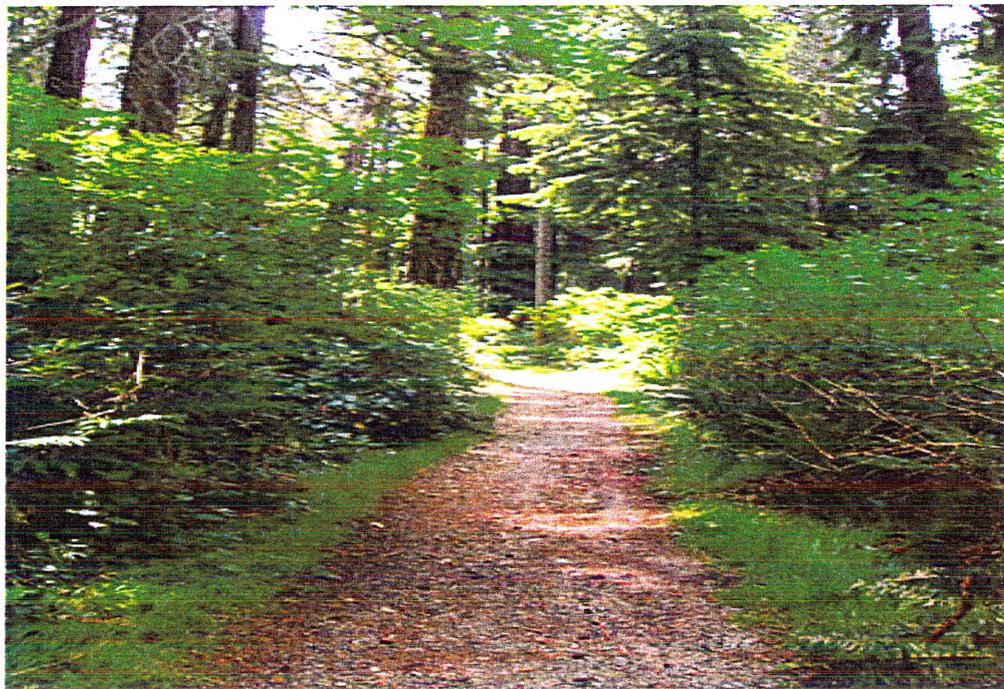
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
200,000					100,000	100,000
<b>\$200,000</b>	-	-	-	-	100,000	100,000

**NON CAPITAL OPERATING COSTS**

Trail System Maintenance

**TOTAL OPERATING**

Total \$ Requested	2014	2015	2016	2017	2018	2019
30,000	5,000	5,000	5,000	5,000	5,000	5,000
<b>\$30,000</b>	5,000	5,000	5,000	5,000	5,000	5,000



A well maintained King County Trail

## Capital Improvement Plan 2014 - 2019

<b>Project for the</b>	<b>NR/Parks Department</b>	<b>#</b>	<b>P6</b>
<b>PROJECT TITLE</b>	<b>Lake Sawyer Regional Park Enhancement</b>		

**DESCRIPTION**

**BACKGROUND**

**COMMENTS**

**CAPITAL PROJECT COSTS**

Preliminary Engineering  
 Construction Engineering  
 Design Engineering  
 Construction Costs

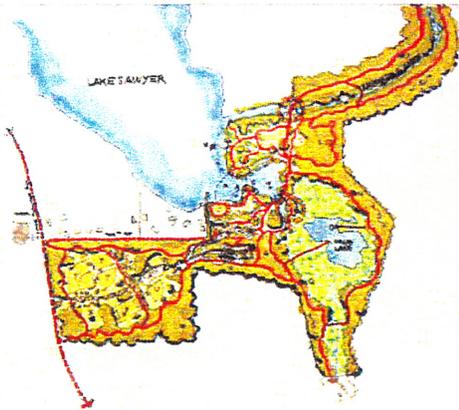
**TOTAL COSTS**

**REQUESTED FUNDING**

REET I  
 RCO Grant w/KC Matching Funds

**TOTAL SOURCES**

Capital Plan 2014 - 2019						
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
75,000			75,000			
\$250,000					250,000	
\$250,000				250,000		
\$2,500,000						2,500,000
<b>\$3,075,000</b>			<b>75,000</b>	<b>250,000</b>	<b>250,000</b>	<b>2,500,000</b>
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
75,000				75,000		
3,000,000					250,000	2,750,000
<b>\$3,075,000</b>	-	-	-	<b>\$ 75,000</b>	<b>\$ 250,000</b>	<b>\$ 2,750,000</b>



Lake Sawyer Park land

## Capital Improvement Plan 2014 - 2019

Project for the	<b>NR/Parks Department</b>	#	<b>P7</b>
<b>PROJECT TITLE</b>	<b>Union Stump Memorial Park</b>		

**DESCRIPTION** Union Stump Memorial Park is located at the corner of Cemetery Road and Roberts Drive covering approximately 10,000 square feet.

**BACKGROUND** This Memorial Park was established at the turn of the century after mine workers organized and utilized an old growth Douglas fir stump for discussing unionization. The split rail Cedar fencing was repaired in 2009, with future plans to establish a low impact designed parking area for approximately 4-5 cars.

**CAPITAL PROJECT COSTS**

Construction Costs

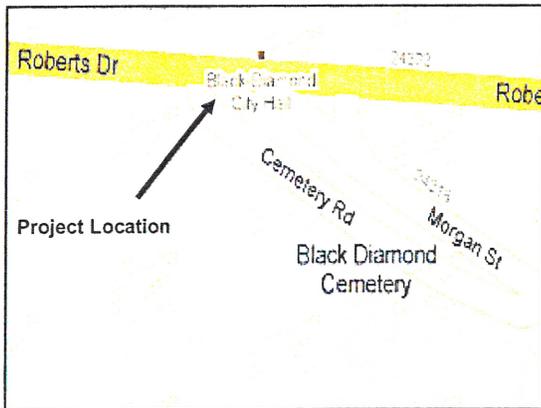
**TOTAL COSTS**

**REQUESTED FUNDING**

REET I

**TOTAL SOURCES**

Capital Plan 2014 - 2019						
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
20,000						20,000
<b>\$20,000</b>						<b>20,000</b>
<b>Total \$ Requested 2014-2019</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
20,000						20,000
<b>\$20,000</b>						<b>20,000</b>



Union Stump Memorial Park



# Police Department

## CAPITAL PROJECT SUMMARY

Capital Plan 2014 - 2019							
Project Title	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Police Technology	106,270	15,060	16,763	18,333	18,425	19,245	18,445
Patrol Car Replacement Plan	293,486		95,018	97,393	49,914	51,162	
Police Radio Replacement	34,100	9,300	12,400	12,400			
<b>POLICE DEPT TOTAL EXPENDITURES</b>	<b>433,856</b>	<b>24,360</b>	<b>124,180</b>	<b>128,125</b>	<b>68,339</b>	<b>70,407</b>	<b>18,445</b>
Funding Sources							
<i>REQUESTED FUNDING</i>	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
<b>REET I</b>							
Police Technology	106,270	15,060	16,763	18,333	18,425	19,245	18,445
Patrol Car Replacement Plan	293,486		95,018	97,393	49,914	51,162	
Police Radio Replacement	34,100	9,300	12,400	12,400			
<b>total REET I</b>	<b>433,856</b>	<b>24,360</b>	<b>124,180</b>	<b>128,125</b>	<b>68,339</b>	<b>70,407</b>	<b>18,445</b>
<b>TOTAL FUNDING FOR POLICE PROJECTS</b>	<b>433,856</b>	<b>24,360</b>	<b>124,180</b>	<b>128,125</b>	<b>68,339</b>	<b>70,407</b>	<b>18,445</b>

## Capital Plan 2014 - 2019

**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 radios, printers and copiers.

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

**CAPITAL PROJECT COSTS**

Laptops - Replacements  
 PC Software  
 Networking Hardware  
 Networking Software  
 Other Purchases

**TOTAL COSTS**

**REQUESTED FUNDING**

REET I

**TOTAL SOURCES**

Capital Plan 2014 - 2019						
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Laptops - Replacements	-	7,360	8,180	8,180	9,000	8,200
PC Software	1,360	4,703	1,453	1,545	1,545	1,545
Networking Hardware	5,000	2,500	5,000	6,500	5,000	6,500
Networking Software	11,900	6,900	400	400	1,900	400
Other Purchases	10,800	1,800	1,800	1,800	1,800	1,800
<b>TOTAL COSTS</b>	<b>106,270</b>	<b>15,060</b>	<b>16,763</b>	<b>18,333</b>	<b>18,425</b>	<b>19,245</b>
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
REET I	106,270	15,060	16,763	18,333	18,425	19,245
<b>TOTAL SOURCES</b>	<b>106,270</b>	<b>15,060</b>	<b>16,763</b>	<b>18,333</b>	<b>18,425</b>	<b>19,245</b>



Servers, Routers and Laptops

Technology Police Updated 4/11/13		Yr	Total	2014	2015	2016	2017	2018	2019
	Total Workstations (rugged laptops)		CIP Total	12	13	13	14	14	14
				8	9	9	10	10	10
PCs									
Purchase	1250								
Replacement	800				800	800	800	800	
Rugged Laptops	4650								
Replacement	4100				6,560	7,380	7,380	8,200	8,200
					7,360	8,180	8,180	9,000	8,200
PC Software									
Software Purchase	75			450	488	488	525	525	525
MS Office	250				3,250				
Software Upgrades	250			250	250	250	250	250	250
Anti-virus/SPAM	50			660	715	715	770	770	770
				1,360	4,703	1,453	1,545	1,545	1,545
Network									
Server purchases	5000			5,000		5,000		5,000	
Server Upgrades	4000						4,000		4,000
NW/Security Devices	2500				2,500		2,500		2,500
				5,000	2,500	5,000	6,500	5,000	6,500
Network Software									
Operating Systems	1500			1,500		1,500		1,500	
Backup/WWW/other	400			400	400	400	400	400	400
Spillman				5,000					
				6,900	400	1,900	400	1,900	400
Other purchases									
Video/Audio	200			200	200	200	200	200	200
Mobile Devices	800			1,600	1,600	1,600	1,600	1,600	1,600
				1,800	1,800	1,800	1,800	1,800	1,800
Totals			106,270	15,060	16,763	18,333	18,425	19,245	18,445

# Capital Plan 2014 - 2019

**Project for the** **Police Department** **# L2**

**PROJECT TITLE** **Patrol Car Replacement Plan**

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

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

Capital Plan 2014 - 2019							
CAPITAL PROJECT COSTS	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Capital Outlay	293,486	-	95,018	97,393	49,914	51,162	
<b>TOTAL COSTS</b>	<b>293,486</b>	<b>-</b>	<b>95,018</b>	<b>97,393</b>	<b>49,914</b>	<b>51,162</b>	<b>-</b>
REQUESTED FUNDING							
REET I	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
	293,486	-	95,018	97,393	49,914	51,162	-
<b>TOTAL SOURCES</b>	<b>293,486</b>	<b>-</b>	<b>95,018</b>	<b>97,393</b>	<b>49,914</b>	<b>51,162</b>	<b>-</b>

Replacement Schedule	2014	2015	2016	2017	2018	2019
Car 20	2006 Blk/White					
Car 22	2007 Black					
Car 27	2007 Black					
Car 23	2008 Black/White					
Car 28	2009 Black/White					
Car 29	2009 Black/White					
Car 24	2009 Black/White					
		47,509				
		47,509				
			48,696			
			48,696			
				49,914		
					51,162	



### Police Vehicles and Replacement Schedule

Police Vehicles #	License	YEAR	MODEL	VIN #	Mileage										2012 Ins Value	Includes Equipment	Years in Service	Rolling Average						
					2009	Jan 2010	April 2010	March 2011	March 2012	March 2013	Last Year Mileage	ASSIGNED	2014	2015					2016	2017	2018	2019		
30	54094D	2012 K-9 Tahoe	Chev Tahoe	16NLC2E0SCR227457								13,034	13,034	13,034	Chatterson	44,000	1	13,034	26,068	39,102	52,136	65,170	78,204	91,238
20	42030D	2006 Blk/White	Ford C/V	2FAHP71W96X152580	40,000	46,500	52,120	67,283	79,800	90164	10,364	10,364	10,364	Vacant	21,800	5	10,364	100,528	110,892	121,256	131,620	141,984	152,348	
22	43927D	2007 Black	Dodge Charger	2B3LA43H27H818033	30,100	40,056	43,500	55,000	72,300	82644	10,344	10,344	10,344	Kiblinger	23,500	5	10,509	93,153	103,662	114,170	124,679	135,188	145,697	
24	46801D	2008 Black/White	Dodge Charger	2B3LA43H98H255032	10,300	17,700	19,300	29,000	34,500	46856	12,356	12,356	12,356	Martinez	24,530	5	12,356	59,212	71,568	83,924	96,280	108,636	120,992	
23	45553D	2007 Black	Dodge Charger	2B3LA43H27H818034	16,500	30,600	36,670	51,860	69,913	77300	7,387	7,387	7,387	Goral	24,775	5	12,160	89,460	101,620	113,780	125,940	138,100	150,260	
27	47720D	2009 Blk/White	Dodge Charger	2B3LA43T09H590203	2,010	11,221	13,800	32,048	45,300	65523	20,223	20,223	20,223	Lynch	25,460	5	20,223	85,746	105,969	126,192	146,415	166,638	186,861	
28	49285D	2009 Blk/White	Dodge Charger	2B3LA43T29H590204	888	10,900	15,101	26,832	39,200	55519	16,319	16,319	16,319	Macdonald	25,460	5	16,319	71,838	88,157	104,476	120,795	137,114	153,433	
29	54171D	2011 B/W	Chev Tahoe	1GNLC2E03BR245096				3,000	14,500	32163	17,663	17,663	17,663	Tapscott	49,000	2	17,663	49,826	67,489	85,152	102,815	120,478	138,141	

# Capital Plan 2014 - 2019

**Project for** **Police Department** # **L3**

**PROJECT TITLE** **Police Radio Replacement**

**DESCRIPTION** Portable Radio Replacements to replace 20 year old radios with the 2015 750 MegaHertz update requirement.

**COMMENTS**

**CAPITAL PROJECT COSTS**

Portable Radio-Replacements

**TOTAL COSTS**

Total Units Replaced.....

**REQUESTED FUNDING**

REET I

**TOTAL SOURCES**

Capital Plan 2014 - 2019							
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019	
34,100	9,300	12,400	12,400				
<b>34,100</b>	<b>9,300</b>	<b>12,400</b>	<b>12,400</b>	-	-	-	
Total Units Replaced.....							
	3	4	4				
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019	
34,100	9,300	12,400	12,400		-	-	
<b>34,100</b>	<b>9,300</b>	<b>12,400</b>	<b>12,400</b>	-	-	-	

# Fire Department CAPITAL PROJECT SUMMARY

Expenditure Summary by Project							
Project Title	Capital Plan 2014 - 2019						
	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
F1 Replace Primary Fire Engine 98	365,000	365,000					
F2 Replace Reserve Engine	600,000		600,000				
F3 Replace Aid Car	225,000					225,000	
F4 Replace Brush Truck Chassis	85,000					85,000	
F5 New Fire Station and Equipment (Growth)	3,240,000	25,000			125,000	140,000	2,950,000
<b>TOTAL EXPENDITURES</b>	<b>4,515,000</b>	<b>390,000</b>	<b>600,000</b>		<b>125,000</b>	<b>450,000</b>	<b>2,950,000</b>
Funding Sources							
<b>Loans to Finance Projects</b>							
F1 Engine 98 Replace (10 yr)	240,000	240,000					
F3 Replace Aid Car (12 yr)	225,000					225,000	
F4 Replace Brush Truck Chassis (5 yr)	82,000					82,000	
<b>Total Loans</b>	<b>547,000</b>	<b>240,000</b>				<b>307,000</b>	
<b>REET I</b>							
F2 Replace Reserve Engine	60,000		60,000				
F5 New Fire Station Study	25,000	25,000					
<b>Total REET I Funding</b>	<b>85,000</b>	<b>25,000</b>	<b>30,552</b>	<b>30,552</b>	<b>30,552</b>	<b>30,552</b>	<b>55,524</b>
<b>FEMA-AFG Grant</b>							
F2 Replace Reserve Engine	540,000		540,000				
<b>Total FEMA-AFG Grant</b>	<b>540,000</b>		<b>540,000</b>				
<b>Bond Sales</b>							
F5 New Fire Station and Equipment	3,215,000				125,000	140,000	2,950,000
<b>Total Bond Sales</b>	<b>3,215,000</b>				<b>125,000</b>	<b>140,000</b>	<b>2,950,000</b>
<b>Other Financing</b>							
F1 Replace Engine 98 (Surplus Funding)	125,000	125,000					
F4 Brush Truck Chassis (Surplus Funding)	3,000					3,000	
<b>Total Other Financing</b>	<b>128,000</b>	<b>125,000</b>				<b>3,000</b>	
<b>FIRE DEPT SUBTOTAL</b>	<b>4,515,000</b>	<b>390,000</b>	<b>30,552</b>	<b>30,552</b>	<b>155,552</b>	<b>480,552</b>	<b>3,005,524</b>
<b>Loans to Finance Projects</b>							
<b>REET I</b>							
F1 Engine 98 Replace (Loan Payment 10 yr)	152,760		30,552	30,552	30,552	30,552	30,552
F3 Replace Aid Car (Loan Payment 12 yr)	24,972						24,972
F4 Replace Brush-Truck Chassis	16,647						16,647
<b>Total Loan Payments</b>	<b>194,379</b>		<b>30,552</b>	<b>30,552</b>	<b>30,552</b>	<b>30,552</b>	<b>72,171</b>
<b>TOTAL FIRE PROJECTS</b>	<b>4,709,379</b>	<b>390,000</b>	<b>61,104</b>	<b>61,104</b>	<b>186,104</b>	<b>511,104</b>	<b>3,077,695</b>

## Capital Plan 2014 - 2019

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

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

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

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

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

**CAPITAL 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 2014 - 2019							
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019	
Capital Outlay	365,000	365,000					
<b>TOTAL COSTS</b>	<b>365,000</b>	<b>365,000</b>	-	-	-	-	-
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019	
Loan Plan	240,000	240,000					
Surplus Equipment Sale	125,000	125,000					
<b>TOTAL SOURCES</b>	<b>365,000</b>	<b>365,000</b>	-	-	-	-	-
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019	
REET I Debt Repay (5yr @5%)	152,760	30,552	30,552	30,552	30,552	30,552	30,552
<b>TOTAL OPERATING</b>	<b>152,760</b>	<b>30,552</b>	<b>30,552</b>	<b>30,552</b>	<b>30,552</b>	<b>30,552</b>	<b>30,552</b>



Engine 98 to be sold and replaced

# Capital Plan 2014 - 2019

**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** Black Diamond will apply for a FEMA-AFG (Assistance for Firefighters Grant). This will require the City produce a resolution for a 10% City match. If this grant is not received loan funds will be required.

		Capital Plan 2014 - 2019					
CAPITAL PROJECT COSTS	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Capital Outlay	600,000		600,000				
<b>TOTAL COSTS</b>	<b>600,000</b>	-	<b>600,000</b>	-	-	-	-
REQUESTED FUNDING	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
FEMA-AFG Grant	540,000		540,000				
REET I for City Match	60,000		60,000				
<b>TOTAL SOURCES</b>	<b>600,000</b>	-	<b>540,000</b>	-	-	-	-



Engine #981

## Capital Plan 2014 - 2019

<b>Project for the</b>	<b>Fire Department</b>	<b># F3</b>
<b>PROJECT TITLE</b>	<b>Replace Aid Car</b>	

**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 PROJECT COSTS**

Capital Outlay  
**TOTAL COSTS**

**REQUESTED FUNDING**

Loan Purchase Plan  
**TOTAL SOURCES**

**NON CAPITAL OPERATING COSTS**

REET I Debt Repay (12yr @5%)  
**TOTAL OPERATING**

Capital Plan 2014 - 2019						
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
225,000				-	225,000	
<b>225,000</b>	-	-	-	-	<b>225,000</b>	-
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
225,000				-	225,000	-
<b>225,000</b>	-	-	-	-	<b>225,000</b>	-
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
24,972						24,972
<b>24,972</b>						<b>24,972</b>



Aid Car 98



## Capital Plan 2014 - 2019

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

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

**DESCRIPTION**

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

**BACKGROUND**

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

**COMMENTS**

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

		Capital Plan 2014 - 2019					
<i>CAPITAL PROJECT COSTS</i>	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Capital Outlay	85,000					85,000	
<b>TOTAL COSTS</b>	<b>85,000</b>	-	-	-	-	85,000	-
<i>REQUESTED FUNDING</i>	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Loan Purchase Plan	82,000					82,000	
Surplus Sale of Equip.	3,000					3,000	
<b>TOTAL SOURCES</b>	<b>85,000</b>	-	-	-	-	85,000	-
<i>NON CAPITAL OPERATING COSTS</i>	Total \$ Requested 2013-2018	2014	2015	2016	2017	2018	2019
REET I Debt Repay (5yr @5%)	16,647						16,647
<b>TOTAL OPERATING</b>	<b>16,647</b>						16,647



Example of a Brush Truck with Chassis

# Capital Plan 2014 - 2019

**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. Land costs are not included and could add approximately \$750,000 if the station is not built on existing City property.

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

		<b>Capital Plan 2014 - 2019</b>					
<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested 2014-2019</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
Preliminary Engineering	75,000	-			75,000		
Construction Engineering	70,000		-		-	70,000	
Design Engineering	145,000	25,000			50,000	70,000	
Construction Costs (bldg)	2,950,000						2,950,000
<b>TOTAL COSTS</b>	<b>3,240,000</b>	<b>25,000</b>	<b>-</b>	<b>-</b>	<b>125,000</b>	<b>140,000</b>	<b>2,950,000</b>
<b>REQUESTED FUNDING</b>	<b>Total \$ Requested 2014-2019</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
Bond Sales	3,215,000				125,000	140,000	2,950,000
REET I	25,000	25,000					
<b>TOTAL SOURCES</b>	<b>3,240,000</b>	<b>25,000</b>	<b>-</b>	<b>-</b>	<b>125,000</b>	<b>140,000</b>	<b>2,950,000</b>



New Fire Station 96

# CAPITAL PROJECT SUMMARY

<b>City Administration and Facilities</b>							
	Capital Plan 2014 - 2019						
	Total \$ Requested 2014 - 2019	2014	2015	2016	2017	2018	2019
A1 City Technology Upgrades	117,528	20,113	19,763	19,713	18,513	19,713	19,713
A2 Reroof Police Building	25,000	25,000					
ADMIN & FACILITIES DEPT TOTAL EXPENDITURES	142,528	45,113	19,763	19,713	18,513	19,713	19,713
<b>Funding Sources</b>							
	Total \$ Requested 2014 - 2019	2014	2015	2016	2017	2018	2019
<b>REET I</b>							
A1 City Technology Upgrades	117,528	20,113	19,763	19,713	18,513	19,713	19,713
A2 Reroof Police Building	25,000	25,000					
Total REET I Funding	142,528	45,113	19,763	19,713	18,513	19,713	19,713
TOTAL FUNDING FOR ADMIN & FACILITIES	142,528	45,113	19,763	19,713	18,513	19,713	19,713

## Capital Plan 2014 - 2019

<b>Project for</b>	<b>Administration and Facilities</b>	<b>#</b>	<b>A1</b>
<b>PROJECT TITLE</b>	<b>City Technology - Capital</b>		

**DESCRIPTION**

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

**BACKGROUND**

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

		Capital Plan 2014 - 2019					
<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested 2014 - 2019</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
PC, Printers, Software	69,128	11,213	15,863	10,813	9,613	10,813	10,813
Network	29,500	6,500		6,500	5,000	6,500	5,000
Network Software, Audio & Misc.	12,000	2,000	2,000	2,000	2,000	2,000	2,000
Disaster Recovery Software	6,900	400	1,900	400	1,900	400	1,900
<b>TOTAL COSTS</b>	<b>117,528</b>	<b>20,113</b>	<b>19,763</b>	<b>19,713</b>	<b>18,513</b>	<b>19,713</b>	<b>19,713</b>
<b>REQUESTED FUNDING</b>	<b>Total \$ Requested 2014 - 2019</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
REET I	117,528	20,113	19,763	19,713	18,513	19,713	19,713
<b>TOTAL SOURCES</b>	<b>117,528</b>	<b>20,113</b>	<b>19,763</b>	<b>19,713</b>	<b>18,513</b>	<b>19,713</b>	<b>19,713</b>

## Technology Non Police

	Yr	2014	2015	2016	2017	2018	2019
	Users	25	25	25	25	25	25
	p/user						
<b>PCs</b>							
Purchase	1250						
Replacement	900	5000	5000	5000	5000	5000	5000
Printers/Mice/Access	100	625	625	625	625	625	625
Mobile Devices	400	2400	800	2000	800	2000	2000
		8025	6425	7625	6425	7625	7625
<b>PC Software</b>							
Software Purchase	150	938	938	938	938	938	938
MS Office	250		6250				
Software Upgrades	100	1000	1000	1000	1000	1000	1000
Anti-virus/SPAM	50	1250	1250	1250	1250	1250	1250
		3188	9438	3188	3188	3188	3188
<b>Network</b>							
Server purchases	5000				5000		5000
Server Upgrades	4000	4000		4000		4000	
NW/Security Devices	2500	2500		2500		2500	
		6500		6500	5000	6500	5000
<b>Network Software</b>							
Operating Systems	1200	1200	1200	1200	1200	1200	1200
Backup/WWW	800	800	800	800	800	800	800
		2000	2000	2000	2000	2000	2000
<b>Other purchases</b>							
Video/Audio	400	400	400	400	400	400	400
Disaster Recovery	1500		1500		1500		1500
		400	1900	400	1900	400	1900
<b>Total</b>	<b>117,528</b>	<b>20,113</b>	<b>19,763</b>	<b>19,713</b>	<b>18,513</b>	<b>19,713</b>	<b>19,713</b>
<b>General Fund Operating Budget</b>							
PD Records Management		12000	12000	12000	12000	12000	12000
Permit Trax		6500	6500	6500	6500	6500	6500
Vision Financial		4500	4500	4500	4500	4500	4500
Prof Services		3000	3000	3000	3000	3000	3000
Subscriptions		500	500	500	500	500	500
Maint/Repair		1500	1500	1500	1500	1500	1500
Training		1500	1500	1500	1500	1500	1500
Maint/Operating		<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>

# Capital Plan 2014 - 2019

Project for the <i>PROJECT TITLE</i>	<b>Administration and Facilities</b> <b>Reroof Police Station</b>	# <b>A2</b>
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*DESCRIPTION* The Police Station will be overdue for a new roof.

		Capital Plan 2014 - 2019						
		Total \$ Requested 2014 - 2019	2014	2015	2016	2017	2018	2019
<i>CAPITAL PROJECT COSTS</i>	Construction Costs	25,000	25,000					
	Contingency							
	<b>TOTAL COSTS</b>	<b>25,000</b>	<b>25,000</b>	-	-	-	-	-
<i>REQUESTED FUNDING</i>								
	Total \$ Requested 2014 - 2019		2014	2015	2016	2017	2018	2019
	REET 1	25,000	25,000					
	<b>TOTAL SOURCES</b>	<b>25,000</b>	<b>25,000</b>	-	-	-	-	-





DRAFT-CIP SCHEDULE  
DRAFT  
CITY OF BLACK DIAMOND

**2013 Schedule-CIP 2014-2019**  
**2014 – 2019 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/Mark/Brenda	Mar 5 or 6			
2	CIP Call letter to affected departments (include goals, rules and timelines)	March 12			
3	Departments prepare detailed requests and submit to City Administration and Finance	March 19 – Apr 5			
4	Finance prepares operating revenue sources for affected funds: Street, Sewer, Water, Drainage and General Government and provides 2014-2019 worksheets to managers	April 5			
5	Finance prepares draft combining revenues and dept. requests for internal review with Administration	April 15			
6	Administration and Finance meet departments to review options	Apr 16-Apr 30			
7	1 <sup>st</sup> CIP Committee Meeting for Public Works		Fri, May 10 10:30-12		
9	CIP Committee Meeting for Parks		May 16 10-11		
10	Finance Committee Meeting-CIP-Canceled by Staff		May 30 9-10		
11	Public Safety Committee Meeting		Fri May 31 9-10		
12	Public Works Committee Meeting-2 <sup>nd</sup> mtg canceled by Committee				
13	CIP Council Workstudy: Public Works-			June 13 5:30	
14	CIP Council Workstudy: Non-PublicWorks-			June 20 5:30	
15	Public Hearing on proposed 2014-2019 CIP-Council Meeting				July 11
15	CIP Council Workstudy-Top Priorities			July 25 5:30	
15	CIP Council Workstudy-Top Priorities			August 1 5:30	
16	Council adopts 2014-2019 CIP				Dec 5 80

