



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.

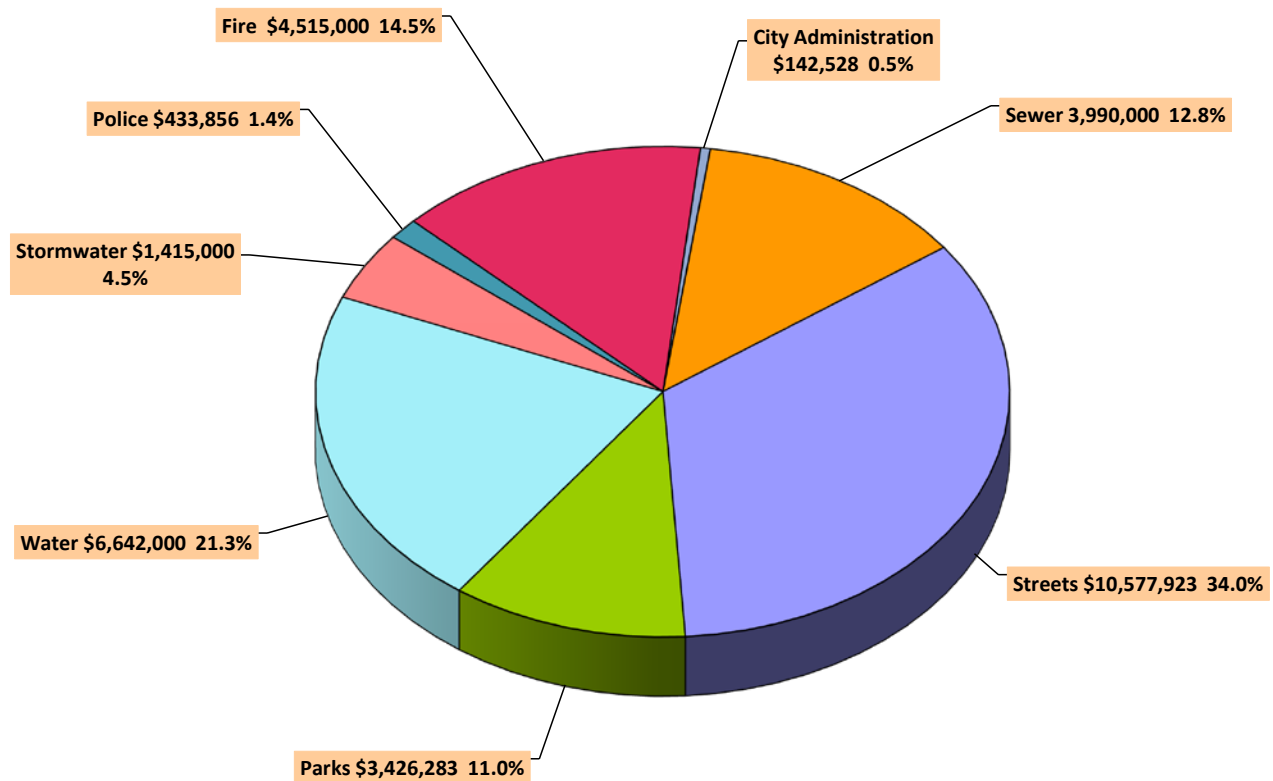
1. Reservoir Painting and Maintenance
2. Ten Year Plan for Asbestos Pipe Replacement
3. North Commercial & SR 169 Stormwater Treatment Pond
4. Ginder Creek Trail Restoration
5. Replace Primary and Reserve Fire Engines
6. Rock Creek Bridge
7. Police Radio Replacement

Capital Improvement Plan 2014 - 2019

Total Summary by Department

<i>CAPITAL PROJECTS</i>							
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
TOTAL Project COSTS	\$31,142,590	\$2,447,679	\$5,864,943	\$8,731,838	\$1,189,852	\$3,015,120	\$9,893,158

Total CIP: \$31,142,590

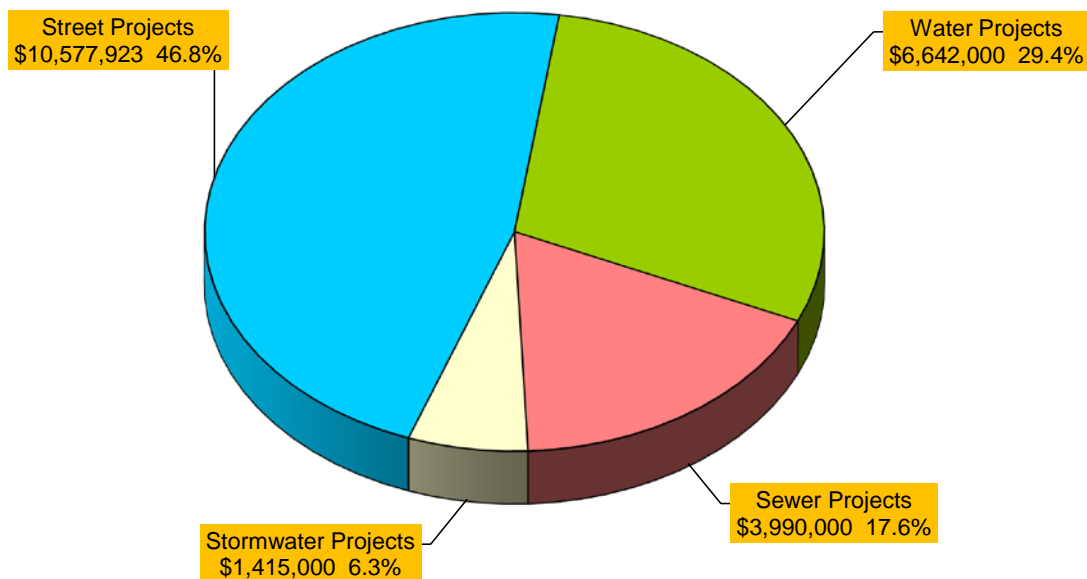


Public Works Fund Summary

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
TOTAL Project COSTS	\$ 22,624,923	\$1,931,923	\$5,106,000	\$8,494,000	\$713,000	\$2,110,000	\$4,270,000

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



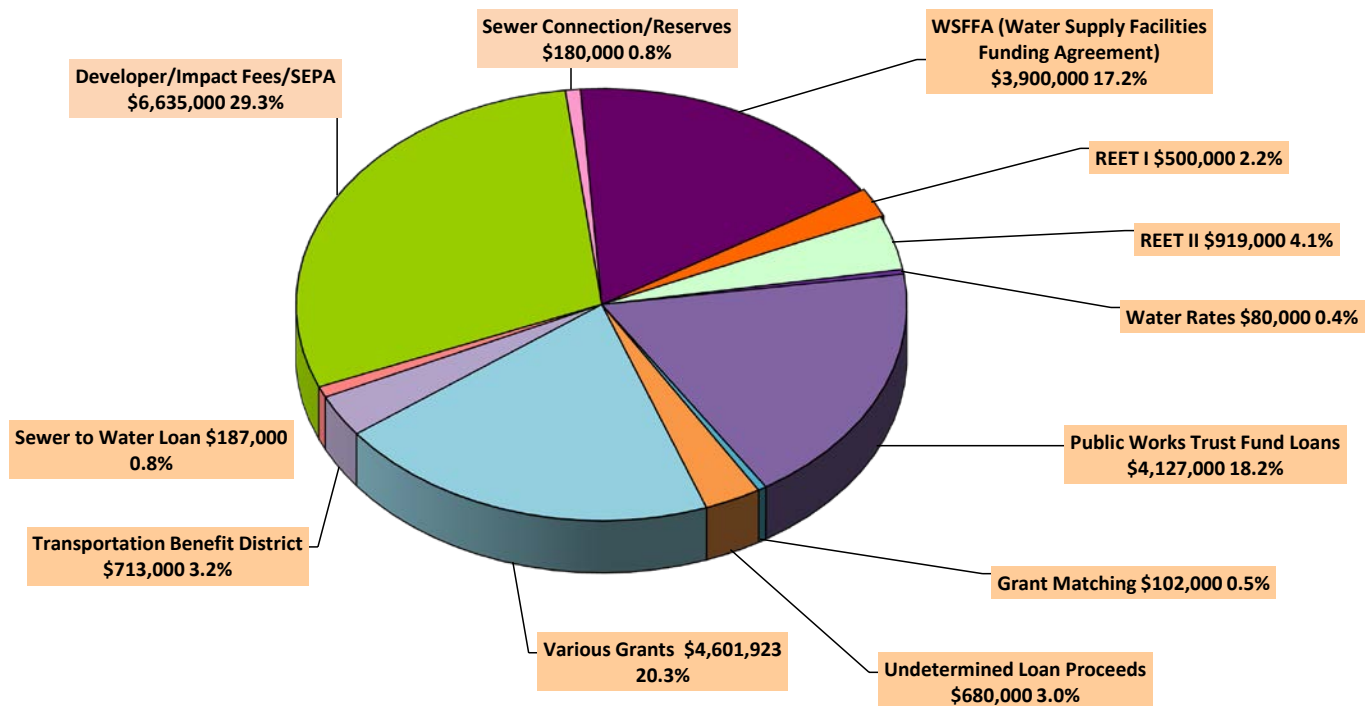
CIP Public Works Revenue Summary

Capital Improvement Plan 2014 - 2019

REQUESTED FUNDING	Includes	Total \$ Project 2014 - 2019	2014	2015	2016	2017	2018	2019
Debt Repayments								
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			
Transportation Benefit District		713,000		122,000		38,000	417,000	136,000
Sewer Loan to Water		187,000	187,000					
TOTAL SOURCES		\$22,624,923	\$1,931,923	\$5,066,000	\$8,534,000	\$713,000	\$2,110,000	\$4,270,000

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
Subtotal REET II Revenue	3,135,344	103,381	248,567	508,562	655,564	772,439	846,832
TOTAL Avail. Balance for Gen Govt Projects	3,135,344	397,555	527,122	915,684	1,426,248	2,148,687	2,840,518
REET II - PROJECT EXPENDITURES		Capital Improvement Plan 2014 - 2019					
	2014-2019 Summary Total	2014	2015	2016	2017	2018	2019
Street Projects							
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	
Subtotal Street Projects with REET II	335,000	62,000	50,000	63,000	50,000	60,000	50,000
Water Projects							
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			
Subtotal Water Projects with REET II	149,000	17,000	20,000	82,000			30,000
Sewer Projects							
S3 Morganville Force Main Reroute	20,000			20,000			
Subtotal Sewer Projects with REET II	20,000			20,000			
Stormwater Projects							
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
Subtotal Stormwater Projects with REET II	315,000	40,000	50,000			95,000	130,000
Total REET II Projects	819,000	119,000	120,000	145,000	50,000	155,000	210,000
Total REET II Debt							
TOTAL REET II	819,000	119,000	120,000	145,000	50,000	155,000	210,000
REET II left for next year (Ending Balance)	2,316,344	278,555	407,122	770,684	1,376,248	1,993,687	2,630,518
REET based on Houses sold		2014	2015	2016	2017	2018	2019
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
Priority	STREET PROJECTS							
	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				
	STREET PROJECTS	10,577,923	432,923	2,586,000	6,522,000	143,000	595,000	299,000
	WATER PROJECTS							
	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
	WATER PROJECTS	6,642,000	1,429,000	2,340,000	672,000		890,000	1,311,000
	SEWER PROJECTS							
	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			
	SEWER PROJECTS	3,990,000	30,000	30,000	300,000	570,000	530,000	2,530,000
	STORMWATER PROJECTS							
	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
	STORMWATER PROJECTS	1,415,000	40,000	150,000	1,000,000		95,000	130,000
	TOTAL PUBLIC WORKS CAPITAL PROJECTS	22,624,923	1,931,923	5,106,000	8,494,000	713,000	2,110,000	4,270,000

CIP Public Works Summary FUNDING SUMMARY

		Capital Improvement Plan 2014 - 2019						
		Total \$ Project 2014 - 2019	2014	2015	2016	2017	2018	2019
REET II Funding								
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
Total REET II Funding		919,000	107,000	120,000	152,000	185,000	145,000	210,000
Water Rates								
W8	Water Comprehensive Plan Update	80,000		80,000				
Total Water Rates		80,000		80,000				
Sewer Loan to Water								
W2	Reservoir Painting and Maintenance	187,000	187,000					
Total Water Rates		187,000	187,000					
Sewer Connection Fees/Reserves								
S1	Infiltration and Inflow Reduction Program	180,000	30,000	30,000	30,000	30,000	30,000	30,000
Total Sewer Connection Fees/Reserves		180,000	30,000	30,000	30,000	30,000	30,000	30,000
Developer, Impact Fees and/or SEPA								
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			
Total Developer, Street Impact and/or SEPA Fees		6,635,000	240,000	205,000	5,330,000	20,000	820,000	20,000
WSFFA								
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
Total WSFFA		3,900,000	1,175,000	1,925,000			90,000	710,000
Transportation Benefit District								
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				
Total Transportation District		713,000		122,000		38,000	417,000	136,000

			Capital Improvement Plan 2014 - 2019					
FUNDING SUMMARY CONT.		Total \$ Project 2014 - 2019	2014	2015	2016	2017	2018	2019
Grants (TIB,CDBG,DOE, etc)								
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			
Total Grants		4,601,923	180,923	2,062,000	2,178,000		98,000	83,000
Grant Matching								
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			
Total Grant Matching		102,000	12,000	16,000	54,000		10,000	10,000
Public Works Trust Fund Loans								
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			
Total PWTF Loans		4,127,000		366,000	250,000	440,000		3,071,000
Undetermined Loan								
W3	Expanded Power Generation	680,000		140,000	540,000			
Total Undertimined Loan		680,000		140,000	540,000			
Transfer In From REET I								
S2	Public Works Facilities and Equipment	500,000					500,000	
Total Transfer In From REET I		500,000					500,000	
Grand Total Public Works CIP Funding		22,624,923	1,931,923	5,066,000	8,534,000	713,000	2,110,000	4,270,000
Loan Service Schedule								
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
Total Loan Service Expenditure		469,593	-	37,963	37,963	89,499	119,423	184,745

Street Department (Transportation Projects)

CAPITAL PROJECT SUMMARY

Expenditure Summary by Project								
STREET DEPARTMENT			Capital Plan 2014 - 2019					
			Total \$ Requested 2014-2019	2014	2015	2016	2017	2018
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				
STREET DEPT TOTAL PROJECTS		10,577,923	432,923	2,586,000	6,522,000	143,000	595,000	299,000

Street Department (Transportation Projects)

CAPITAL PROJECT SUMMARY

Funding Sources							
	Total \$ Requested 2014-2019	Capital Plan 2014 - 2019					
		2014	2015	2016	2017	2018	2019
TIB, CDBG and Other Grants							
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			
Total Grants	3,436,923	130,923	1,847,000	1,278,000		98,000	83,000
Developer Funded/Impact Fees/SEPA							
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			
Total Developer/Impact/SEPA Funding	5,625,000	240,000	145,000	5,180,000	20,000	20,000	20,000
Real Estate Excise Tax II Funding							
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		
Total REET II Funding	335,000	50,000	50,000	50,000	85,000	60,000	50,000
Transportation Benefit District							
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				
Total Transportation Benefit District	713,000		122,000		38,000	417,000	136,000
Grant Matching Fund							
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			
Total Grant Matching Fund	102,000	12,000	16,000	54,000		10,000	10,000
PWTF Loan							
T4 Roberts Drive Rehabilitation	366,000		366,000				
Total PWTF Loan	366,000		366,000				
TOTAL STREET PROJECTS	10,577,923	412,923	2,526,000	6,542,000	143,000	575,000	269,000
TBD 10 Year Loan Payments							
T4 Roberts Drive Rehabilitation	37,614						37,614
Total TBD Loan Payments	37,614						37,614

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					
CAPITAL PROJECT COSTS	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
	Construction Costs	180,000	30,000	30,000	30,000	30,000	30,000
TOTAL COSTS	180,000	30,000	30,000	30,000	30,000	30,000	30,000
REQUESTED FUNDING	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
	REET II	60,000	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
TOTAL SOURCES	180,000	10,000	10,000	10,000	10,000	10,000	10,000



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.

		Capital Plan 2014 - 2019					
		2014	2015	2016	2017	2018	2019
CAPITAL PROJECT COSTS	Total \$ Requested 2014-2019						
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			
TOTAL COSTS	7,070,000	220,000	1,750,000	5,100,000	-	-	-
REQUESTED FUNDING	Total \$ Requested 2014-2019						
Developer	5,070,000	220,000		4,850,000			
Grants	2,000,000		1,750,000	250,000			
TOTAL SOURCES	7,070,000	220,000	1,750,000	5,100,000	-	-	-



Proposed Roundabout



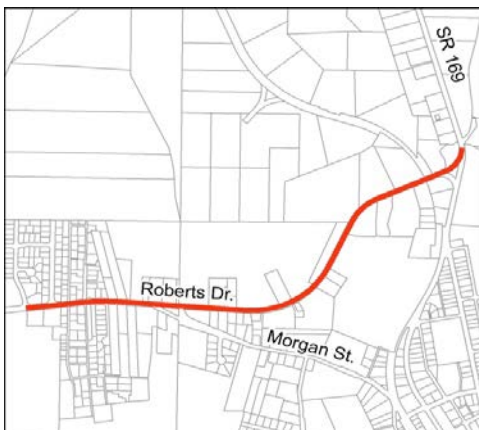
Capital Improvement Plan 2014 - 2019

Project for the	Street Department	#	T4
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PROJECT TITLE	Roberts Drive Rehabilitation	14.02
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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	

	Total \$ Requested 2014-2019	Capital Plan 2014 - 2019					
		2014	2015	2016	2017	2018	2019
CAPITAL PROJECT COSTS							
Engineering & bid docs	28,000		28,000				
Management & Inspection	18,000		18,000				
Construction	320,000		320,000				
TOTAL COSTS	366,000	-	366,000	-	-	-	-
REQUESTED FUNDING							
PWTF Loan	366,000		366,000				
TOTAL SOURCES	366,000	-	366,000				
Debt Payments							
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
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PROJECT TITLE	Grant Matching Fund	13.03
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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.

	Total \$ Requested 2014-2019	Capital Plan 2014 - 2019					
		2014	2015	2016	2017	2018	2019
CAPITAL PROJECT COSTS							
Funding to Match Grants	240,000	40,000	40,000	40,000	40,000	40,000	40,000
TOTAL COSTS	240,000	40,000	40,000	40,000	40,000	40,000	40,000
REQUESTED FUNDING							
Real Estate Excise Tax II	240,000	40,000	40,000	40,000	40,000	40,000	40,000
TOTAL SOURCES	240,000	40,000	40,000	40,000	40,000	40,000	40,000



What is a matching grant?

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



Capital Improvement Plan 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

CAPITAL PROJECT COSTS

Engineering and bid docs
Project management
environmental permitting
ped bridge design & const
Bridge Rehabilitation

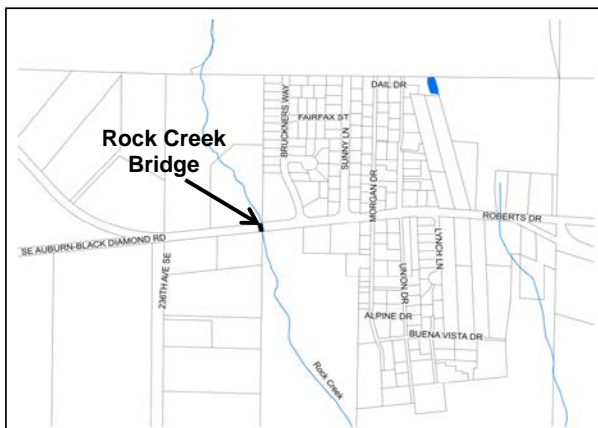
TOTAL COSTS

REQUESTED FUNDING

Developer-Villages Project
Bridge Grant
Grant Matching Funds

TOTAL SOURCES

Capital Plan 2014 - 2019						
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Engineering and bid docs		40,000				
Project management		10,000	10,000			
environmental permitting		23,000				
ped bridge design & const		20,000	110,000			
Bridge Rehabilitation			78,000			
TOTAL COSTS	291,000	93,000	198,000	-	-	-
Total \$ Requested 2014-2019	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			
TOTAL SOURCES	291,000	53,000	238,000	-	-	



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.

CAPITAL PROJECT COSTS

Land/Right of Way
Design Engineering
Construction Costs

TOTAL COSTS

REQUESTED FUNDING

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

TOTAL SOURCES

		Capital Plan 2014 - 2019					
Total \$ Requested 2014-2019		2014	2015	2016	2017	2018	2019
Land/Right of Way	20,000		20,000				
Design Engineering	85,000		85,000				
Construction Costs	745,000			745,000			
TOTAL COSTS	850,000	-	105,000	745,000	-		
Total \$ Requested 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			
TOTAL SOURCES	850,000	-	105,000	745,000	-	-	-

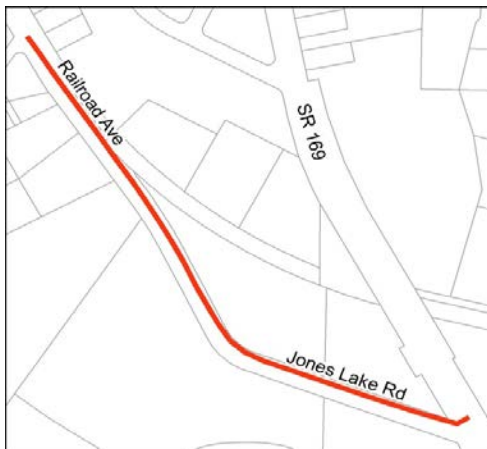


Capital Improvement Plan 2014 - 2019

Project for the	Street Department	#	T8
PROJECT TITLE	Jones Lake Road		14.01

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.

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



Capital Plan 2014 - 2019

Project for the	Street Department	# T9
PROJECT TITLE	228th & 224th & 216th Chip Seal	14.03

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

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



Capital Plan 2014 - 2019

Project for the	Street Department	#	T10
PROJECT TITLE	5th Ave Reconstruction		14.05

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.

CAPITAL PROJECT COSTS	Total \$ Requested 2014-2019	Capital Plan 2014 - 2019					
		2014	2015	2016	2017	2018	2019
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	
TOTAL COSTS	267,000	-	-	-	38,000	229,000	-
REQUESTED FUNDING	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Transportation Benefit Dist	267,000				38,000	229,000	
TOTAL SOURCES	267,000	-	-	-	38,000	229,000	-



Capital Plan 2014 - 2019

Project for the	Street Department	# T11
PROJECT TITLE	232nd Ave Overlay	14.04

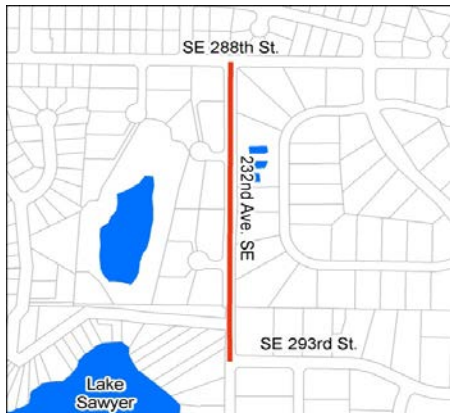
DESCRIPTION Grind and Patch failed areas of the street. Overlay 1600 feet of 232nd Ave SE from 288th Street to SE 293rd Street.

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 Plan 2014 - 2019					
CAPITAL PROJECT COSTS	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
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	
TOTAL COSTS	143,000	-	-		35,000	108,000	-
REQUESTED FUNDING	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
TIB pavement Preservation	98,000					98,000	
REET II	35,000				35,000		
Grant Matching	10,000					10,000	
TOTAL SOURCES	143,000	-	-	-	35,000	108,000	-



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 PROJECT COSTS

Design Engineering
Management & Inspection
Construction Costs

TOTAL COSTS

REQUESTED FUNDING

Transportation Benefit Dist

TOTAL SOURCES

Capital Plan 2014 - 2019						
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
20,000						20,000
16,000						16,000
100,000						100,000
136,000	-	-	-	-	-	136,000
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
136,000						136,000
136,000	-	-	-	-	-	136,000



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 PROJECT COSTS

Design Engineering
Management & Inspection
Construction Costs

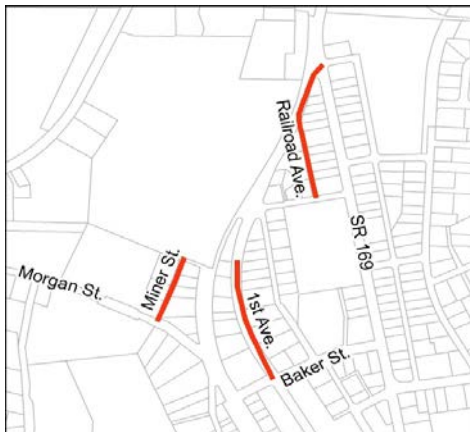
TOTAL COSTS

REQUESTED FUNDING

Transportation Benefit Dist

TOTAL SOURCES

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



Capital Plan 2014 - 2019

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

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

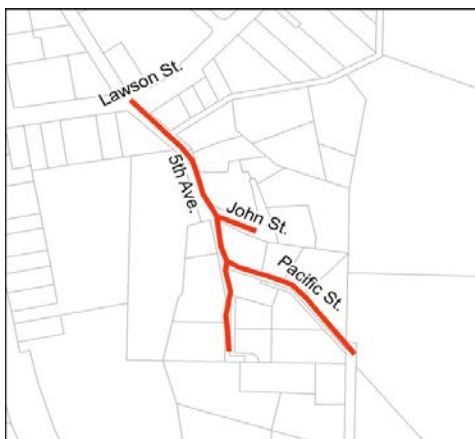
DESCRIPTION

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.

	Total \$ Requested 2014-2019	Capital Plan 2014 - 2019					
		2014	2015	2016	2017	2018	2019
CAPITAL PROJECT COSTS							
Design Engineering	16,000						16,000
Management & Inspection	10,000						10,000
Construction Costs	67,000						67,000
TOTAL COSTS	93,000	-	-	-	-	-	93,000
REQUESTED FUNDING							
TIB Pavement Preservation	83,000						83,000
Grant Matching	10,000						10,000
TOTAL SOURCES	83,000	-	-	-	-	-	93,000



Capital Plan 2014 - 2019

Project for the
PROJECT TITLE

Street Department
Street Signs Replacement

T15
14.14

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

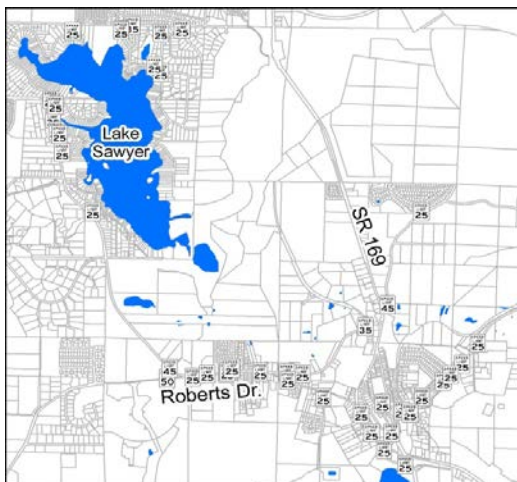
TOTAL COSTS

Capital Plan 2014 - 2019	Capital Plan 2014 - 2019					
	2014	2015	2016	2017	2018	2019
11,000	11,000					
9,923	9,923					
20,923	20,923	-	-	-	-	-
Capital Plan 2014 - 2019	Capital Plan 2014 - 2019					
	2014	2015	2016	2017	2018	2019
20,923	20,923					
20,923	20,923	-	-	-	-	-

REQUESTED FUNDING

Federal Safety Grant

TOTAL SOURCES



Capital Plan 2014 - 2019

Project for the	Street Department	#	T16
PROJECT TITLE	Sidewalk Extension		14.18

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
Engineering, design, bid docs
Project Mngmt/insp
Construction

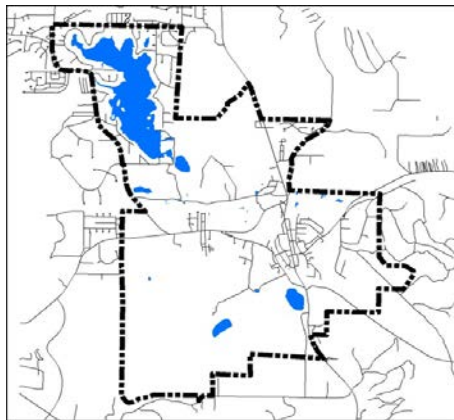
TOTAL COSTS

Capital Plan 2014 - 2019	Capital Plan 2014 - 2019					
	2014	2015	2016	2017	2018	2019
20,000		20,000				
40,000		40,000				
20,000		20,000				
280,000			280,000			
360,000	-	80,000	280,000	-	-	-
Capital Plan 2014 - 2019						
	2014	2015	2016	2017	2018	2019
324,000		72,000	252,000			
36,000		8,000	28,000			
360,000	-	80,000	280,000	-	-	-

REQUESTED FUNDING

Sidewalk Grant
Grant Matching

TOTAL SOURCES



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
Construction

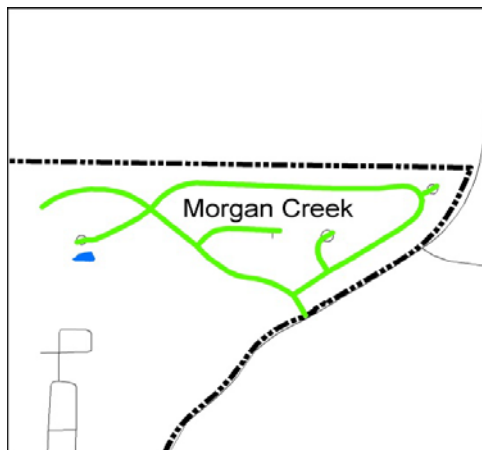
TOTAL COSTS

Capital Plan 2014 - 2019	Capital Plan 2014 - 2019					
	2014	2015	2016	2017	2018	2019
7,000		7,000				
90,000		90,000				
97,000	-	97,000	-	-	-	-
Capital Plan 2014 - 2019	Capital Plan 2014 - 2019					
	2014	2015	2016	2017	2018	2019
97,000		97,000				
-						
97,000	-	97,000	-	-	-	-

REQUESTED FUNDING

Transportation Benefit Dist

TOTAL SOURCES



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
5,000		5,000				
20,000		20,000				
25,000	-	25,000	-	-	-	-
Capital Plan 2014 - 2019	Capital Plan 2014 - 2019					
	2014	2015	2016	2017	2018	2019
25,000		25,000				
-						
25,000	-	25,000	-	-	-	-

REQUESTED FUNDING

Transportation Benefit Dist

TOTAL SOURCES



Water Department CAPITAL PROJECT SUMMARY

Funding Summary by Project							
WATER DEPARTMENT	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
WATER DEPARTMENT TOTAL PROJECTS	6,642,000	1,429,000	2,340,000	672,000		890,000	1,311,000
Funding Sources							
	Capital Plan 2014 - 2019						
	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Water Rates							
W8 Water Comprehensive Plan Update	80,000		80,000				
Total Water Rates	80,000		80,000				
Water System & Facilities Funding Agmt (WSFFA)							
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
Total WSFFA Funds	3,900,000	1,175,000	1,925,000			90,000	710,000
Grant Funding							
W5 Downtown Water Main Replacement	225,000	50,000	175,000				
Total Grant Funding	225,000	50,000	175,000				
Sewer Loan							
W2 Reservoir Painting and Maintenance	187,000	187,000					
Total Sewer Loan	187,000	187,000					
PWTF Loan							
W10 Water Main Replacement Morgan Street	571,000						571,000
Total PWTF Loan	571,000						571,000
Other Undetermined Loan							
W3 Expanded Power Generation	680,000		140,000	540,000			
Total Other Undetermined Loan	680,000		140,000	540,000			
Developer Funding							
W4 Fire Flow Loop - North Commercial Area	800,000					800,000	
W8 Water Comprehensive Plan Update	50,000			50,000			
Total Developer Funding	850,000			50,000		800,000	
Real Estate Excise Taxes II							
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			
Total Real Estate Excise Taxes II	149,000	17,000	20,000	82,000			30,000
TOTAL FUNDING FOR WATER PROJECTS	6,642,000	1,242,000	2,260,000	672,000		890,000	1,311,000
Debt Funding							
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
TOTAL NON CAPITAL OPERATING	302,862		37,963	37,963	75,645	75,645	75,645

Capital Plan 2014 - 2019

Project for the	Water Department	# W1
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PROJECT TITLE	Springs & River Crossing Rehab. Project	13.06
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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

REQUESTED FUNDING

Water Syst & Fac. Fndg Agrmt.

TOTAL SOURCES

Capital Plan 2014 - 2019						
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
-						
100,000	100,000					
200,000	75,000	125,000				
2,800,000	1,000,000	1,800,000				
3,100,000	1,175,000	1,925,000	-	-	-	-
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
3,100,000	1,175,000	1,925,000	-			
3,100,000	1,175,000	1,925,000	-	-	-	-



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
CAPITAL PROJECT COSTS							
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					
TOTAL COSTS	199,000	199,000	-	-	-	-	-
REQUESTED FUNDING							
	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Sewer Loan	187,000	187,000					
Real Estate Excise Tax II	12,000	12,000					
TOTAL SOURCES	199,000	199,000	-	-	-	-	-
DEBT FUNDING							
	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Internal Sewer Loan	189,814		37,963	37,963	37,963	37,963	37,963
TOTAL DEBT FUNDING	189,814	-	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
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PROJECT TITLE	Expanded Power Generation	14.09
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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					
CAPITAL PROJECT COSTS	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Permitting & Grants	40,000		40,000				
Engineering	100,000		100,000				
Project Management	40,000			40,000			
Construction Costs	500,000			500,000			
TOTAL COSTS	680,000	-	140,000	540,000	-	-	-
REQUESTED FUNDING	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Low interest energy loan	680,000		140,000	540,000			
TOTAL SOURCES	680,000	-	140,000	540,000	-	-	-
DEBT FUNDING	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
WSFFA Partners	113,047				37,682	37,682	37,682
TOTAL DEBT FUNDING	113,047	-	-		37,682	37,682	37,682



Capital Plan 2014 - 2019

Project for the	Water Department	#	W4
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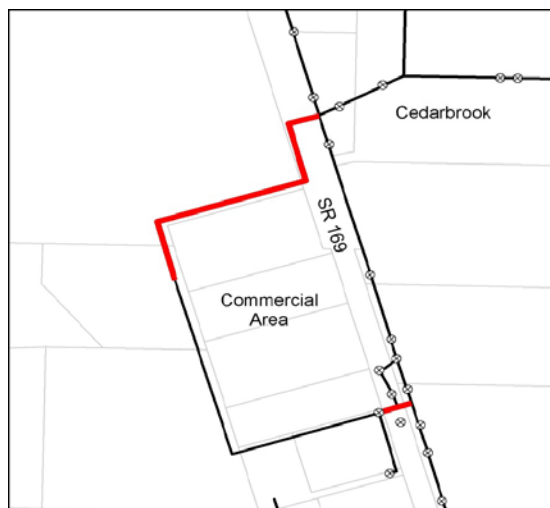
PROJECT TITLE	Fire Flow Loop - North Commercial Area	13.08
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DESCRIPTION Replace 200 feet of 4 inch asbestos concrete with 100 feet of 12 inch ductile iron water main across SR 169 at the power substation; Complete a 900 foot 12 inch ductile iron water 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
CAPITAL PROJECT COSTS							
Construction Costs	800,000					800,000	
TOTAL COSTS	800,000	-	-	-	-	800,000	-
	Total \$ Requested 2014-2019						
		2014	2015	2016	2017	2018	2019
REQUESTED FUNDING							
Developer Funded	800,000					800,000	
TOTAL SOURCES	800,000	-	-	-	-	800,000	-



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

Engineering
Project Management
Construction
Inspection

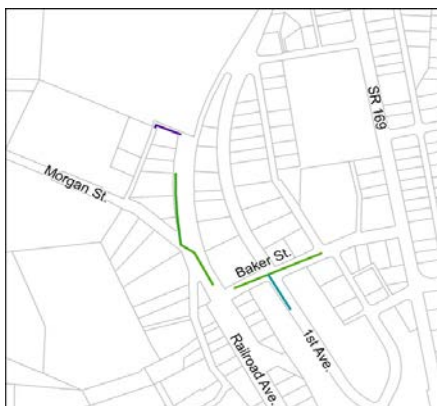
TOTAL COSTS

REQUESTED FUNDING

Com Dev Block Grant
REET II

TOTAL SOURCES

Total \$ Requested 2014-2019	Capital Plan 2014 - 2019					
	2014	2015	2016	2017	2018	2019
Engineering	50,000					
Project Management	15,000	5,000	10,000			
Construction	175,000		175,000			
Inspection	10,000		10,000			
TOTAL COSTS	250,000	55,000	195,000	-	-	-
Total \$ Requested 2014-2019	Capital Plan 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			
TOTAL SOURCES	250,000	55,000	195,000	-	-	-



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.

CAPITAL PROJECT COSTS

Design Engineering
Project Management/inspection
Construction Costs
TOTAL COSTS

Total \$ Requested 2014-2019	Capital Plan 2014 - 2019					
	2014	2015	2016	2017	2018	2019
Design Engineering					90,000	
Project Management/inspection						110,000
Construction Costs						600,000
TOTAL COSTS	800,000	-	-	-	90,000	710,000
Total \$ Requested 2014-2019	Capital Plan 2014 - 2019					
	2014	2015	2016	2017	2018	2019
Water Syst & Fac. Funding Agrmt.	800,000				90,000	710,000
TOTAL SOURCES	800,000	-	-	-	90,000	710,000



Capital Plan 2014 - 2019

Project for the	Water Department	#	W8
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PROJECT TITLE	Water Comprehensive Plan Update	14.12
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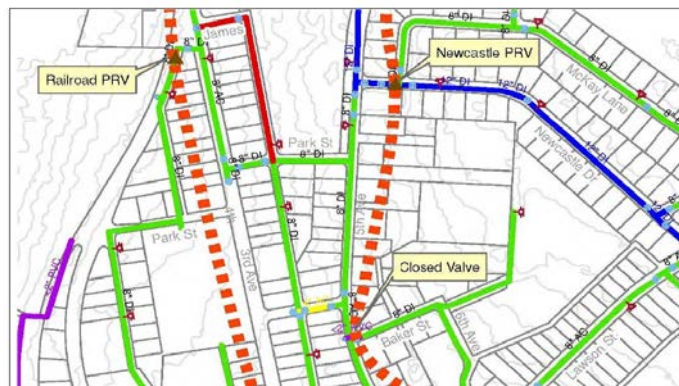
DESCRIPTION The Department of Health requires an update of the Water Comprehensive Plan every 6 years. The City is due to update the Water Comprehensive Plan in 2015.

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

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



Project for the

PROJECT TITLE

Water Department

Water Main Replacement Morgan Street

W10

14.13

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)

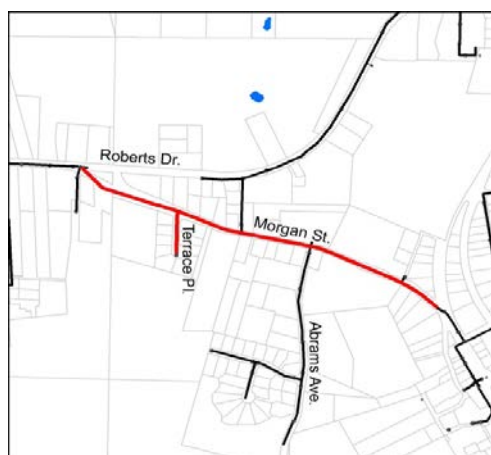
TOTAL COSTS

REQUESTED FUNDING

REET II
PWTF Loan

TOTAL SOURCES

		Capital Plan 2014 - 2019					
Capital Plan 2014 - 2019		2014	2015	2016	2017	2018	2019
Preliminary Engineering	20,000			20,000			
Engineering, design, bid docs	62,000			62,000			
Project Mngmt/insp	40,000						40,000
Construction	481,000						481,000
Contingency	50,000						50,000
Capital Outlay	0						
Other (Specify)	0						
TOTAL COSTS	653,000	-	-	82,000	-	-	571,000
Capital Plan 2014 - 2019		2014	2015	2016	2017	2018	2019
REET II	82,000			82,000			
PWTF Loan	571,000						571,000
TOTAL SOURCES	653,000	-	-	82,000	-	-	571,000



CAPITAL PROJECT SUMMARY

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

Capital Plan 2014 - 2019

Project for the	Sewer Department	#	S1
PROJECT TITLE	Infiltration and Inflow Reduction Program		13.10

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

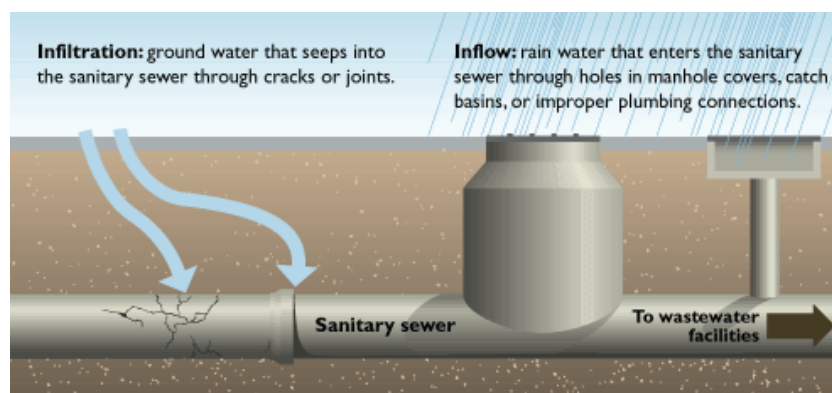
REQUESTED FUNDING

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
180,000	30,000	30,000	30,000	30,000	30,000	30,000
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
180,000	30,000	30,000	30,000	30,000	30,000	30,000
180,000	30,000	30,000	30,000	30,000	30,000	30,000



Capital Plan 2014 - 2019

Sewer Department		S2
PROJECT TITLE	Public Works Facilities and Equipment	13.13

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.

Engineering and Environmental
Site Improvements & Property costs
Construction Costs
Major Equipment Purchases
TOTAL COSTS

REQUESTED FUNDING

REET I
REET II
PWTF Loan

TOTAL SOURCES

DEBT FUNDING

PWTF Loan

Capital Plan 2014 - 2019						
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
200,000				100,000		100,000
500,000					500,000	
2,000,000						2,000,000
400,000						400,000
3,100,000	-	-	-	100,000	500,000	2,500,000
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
500,000					500,000	
100,000				100,000		
2,500,000						2,500,000
3,100,000	-	-	-	100,000	500,000	2,500,000
	38,791				5,542	33,249



Capital Plan 2014 - 2019

Project for the	Sewer Department	#	S3
PROJECT TITLE	Morganville Force Main Reroute		13.12

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%.

CAPITAL PROJECT COSTS

Preliminary Engineering
Design Engineering
Construction Costs
TOTAL COSTS

Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
20,000			20,000			
40,000				40,000		
400,000				400,000		
460,000	-	-	20,000	440,000	-	-

Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
20,000	-	-	20,000		-	-
440,000				440,000		
460,000	-	-	20,000	440,000	-	-

REQUESTED FUNDING

Reet II

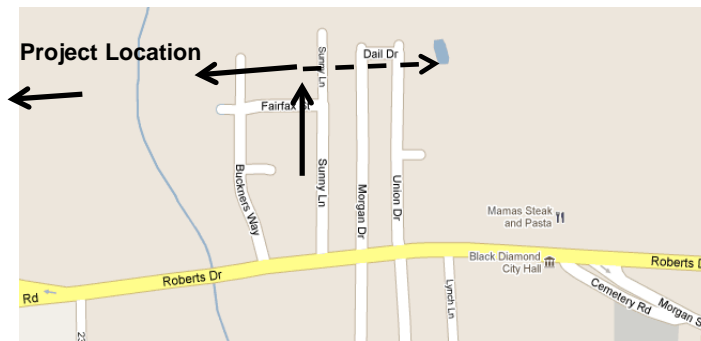
PWTF

TOTAL SOURCES

DEBT FUNDING

PWTF

48,765	24,383	24,383
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Capital Plan 2014 - 2019

Project for the	Sewer Department	#	S4
PROJECT TITLE	Cedarbrook Sewer Main		13.11

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%.

CAPITAL PROJECT COSTS

Design Engineering

TOTAL COSTS

REQUESTED FUNDING

PWTF

TOTAL SOURCES

DEBT FUNDING

PWTF

Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
250,000			250,000			
250,000	-	-	250,000	-	-	-
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
250,000	-	-	250,000		-	-
250,000	-	-	250,000	-	-	-
41,561				13,854	13,854	13,854



Stormwater Department

CAPITAL PROJECT FUNDING SUMMARY

Expenditure Summary by Project

Project Name		Capital Plan 2014 - 2019						
		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
TOTAL EXPENDITURES		1,415,000	40,000	150,000	1,000,000		95,000	130,000

Funding Sources

Project Name		Total \$ Requested 2013-2018	2014	2015	2016	2017	2018	2019
GRANTS								
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			
Total Ecology Grants		940,000		40,000	900,000			
REET II								
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
Total REET II		315,000	40,000	50,000			95,000	130,000
Developer Funded								
D2	13.15 North Commercial and SR 169 Stormwater T	160,000		60,000	100,000			
Total Developer Funded		160,000		60,000	100,000			
TOTAL FUNDING FOR STORMWATER		1,415,000	40,000	150,000	1,000,000		95,000	130,000

Capital Projects 2014 - 2019

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

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.

Capital Projects 2014 - 2019							
	Total \$ Requested 2014 - 2019	2014	2015	2016	2017	2018	2019
Design Engineering	70,000		70,000				
Construction	250,000			250,000			
TOTAL COSTS	320,000	-	70,000	250,000	-	-	-
	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				
TOTAL SOURCES	320,000	-	70,000	250,000	-	-	-



Capital Projects 2014 - 2019

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

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.

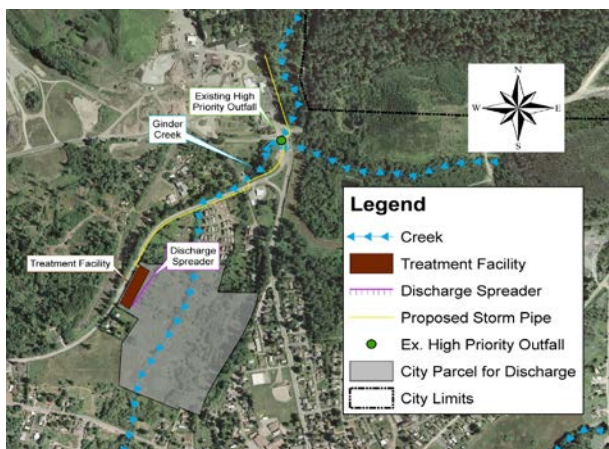
Preliminary Engineer/Permitting
Design Engineering
Construction

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			
870,000	40,000	80,000	750,000	-	-	-
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			
870,000	40,000	80,000	750,000	-	-	-



Example of a Bioswale to Help Filter Storm Water

Capital Projects 2014 - 2019

Project for the	Stormwater Department	# D3
PROJECT TITLE	5th Ave Reconstruction	14.15

DESCRIPTION

This is the storm water treatment and detention project for the roadway runoff from the 5th 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

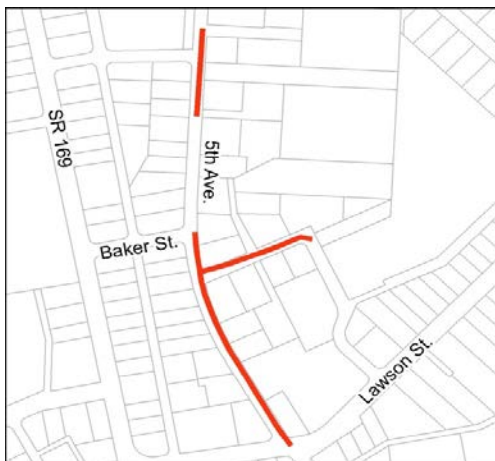
Construction

TOTAL COSTS

REET II

TOTAL SOURCES

Capital Projects 2014 - 2019						
Total \$ Requested 2014 - 2019	2014	2015	2016	2017	2018	2019
75,000					75,000	
75,000	-	-	-	-	75,000	-
Total \$ Requested 2014 - 2019	2014	2015	2016	2017	2018	2019
75,000					75,000	
75,000	-	-	-	-	75,000	-



Capital Projects 2014 - 2019

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

DESCRIPTION

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

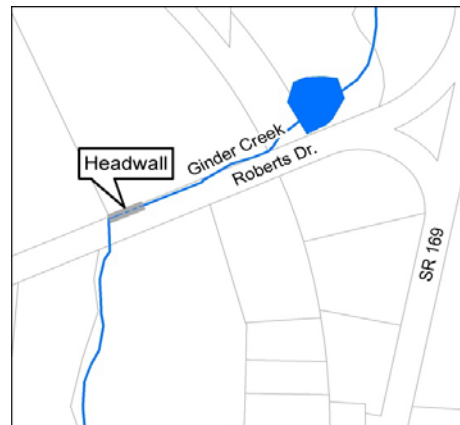
BACKGROUND

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	
Design Engineering					10,000	
Construction						50,000
TOTAL COSTS	70,000	-	-	-	20,000	50,000
Total Requested 2014 - 2019	2014	2015	2016	2017	2018	2019
REET II	70,000				20,000	50,000
TOTAL SOURCES	70,000	-	-	-	20,000	50,000



Capital Projects 2014 - 2019

Project for the	Stormwater Department	#	D5
PROJECT TITLE	1st Ave & RR Ave & Miner Street		14.17

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.

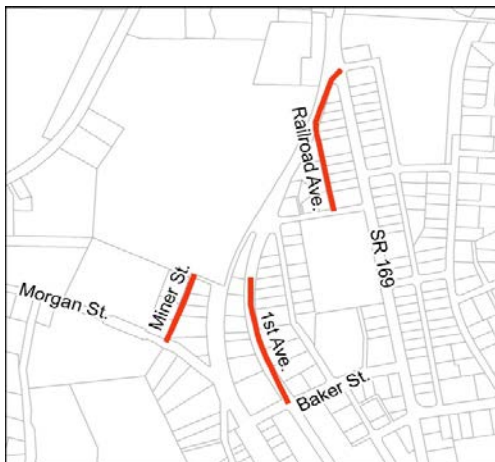
Construction

TOTAL COSTS

Reet II

TOTAL SOURCES

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

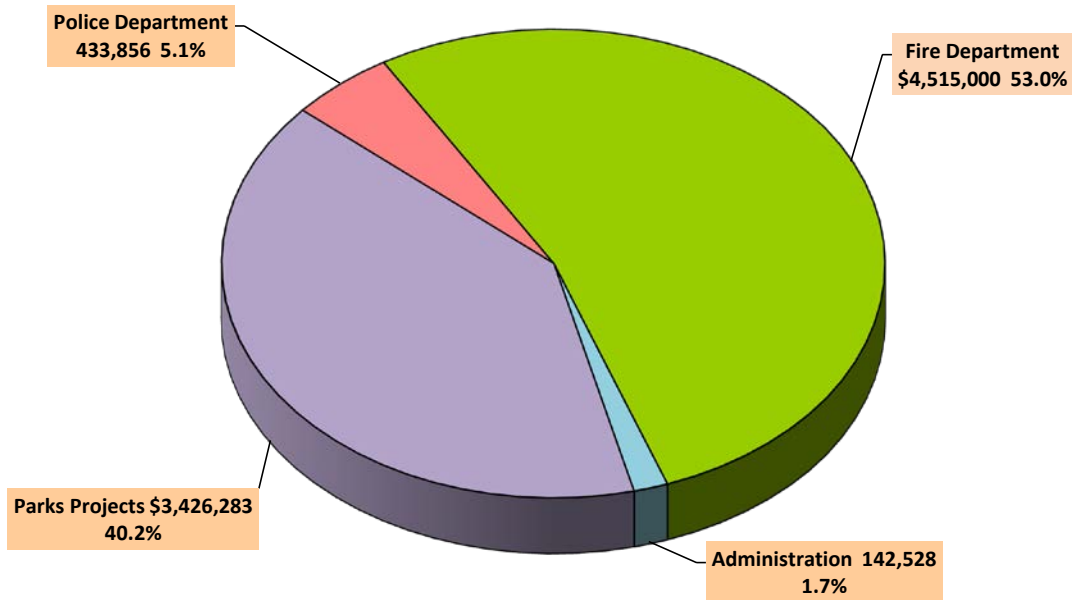


General Government Department Summary

Capital Improvement Plan 2014 - 2019

	Total \$ Project 2014 - 2019	2014	2015	2016	2017	2018	2019
Parks Department	3,426,283	56,283	15,000	90,000	265,000	365,000	2,635,000
Public Safety							
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	4,948,856	414,360	724,180	128,125	193,339	520,407	2,968,445
General Government							
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	142,528	45,113	19,763	19,713	18,513	19,713	19,713
TOTAL Projected Expenditures	\$ 8,517,667	\$ 459,473	\$ 743,943	\$ 147,838	\$ 211,852	\$ 540,120	\$ 2,988,158

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
POLICE PROJECTS								
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			
TOTAL POLICE PROJECTS		433,856	24,360	124,180	128,125	68,339	70,407	18,445
FIRE DEPARTMENT PROJECTS								
F1	Replace Primary Fire Engine 98	365,000	365,000					
F2	Replace Reserve Engine	600,000		600,000				
F3	Replace Aid Car	225,000					225,000	
F4	Replace Brush Truck Chassis	85,000					85,000	
F5	New Fire Station and Equipment (Growth)	3,240,000	25,000			125,000	140,000	2,950,000
TOTAL FIRE PROJECTS		4,515,000	390,000	600,000		125,000	450,000	2,950,000
PARKS PROJECTS								
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
TOTAL PARKS PROJECTS		3,426,283	56,283	15,000	90,000	265,000	365,000	2,635,000
ADMINISTRATION & CITY PROJECTS								
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 ADMINISTRATION & CITY PROJECTS		142,528	45,113	19,763	19,713	18,513	19,713	19,713
TOTAL GENERAL GOVT CAPITAL PROJECTS		8,517,667	515,756	758,943	237,838	476,852	905,120	5,623,158

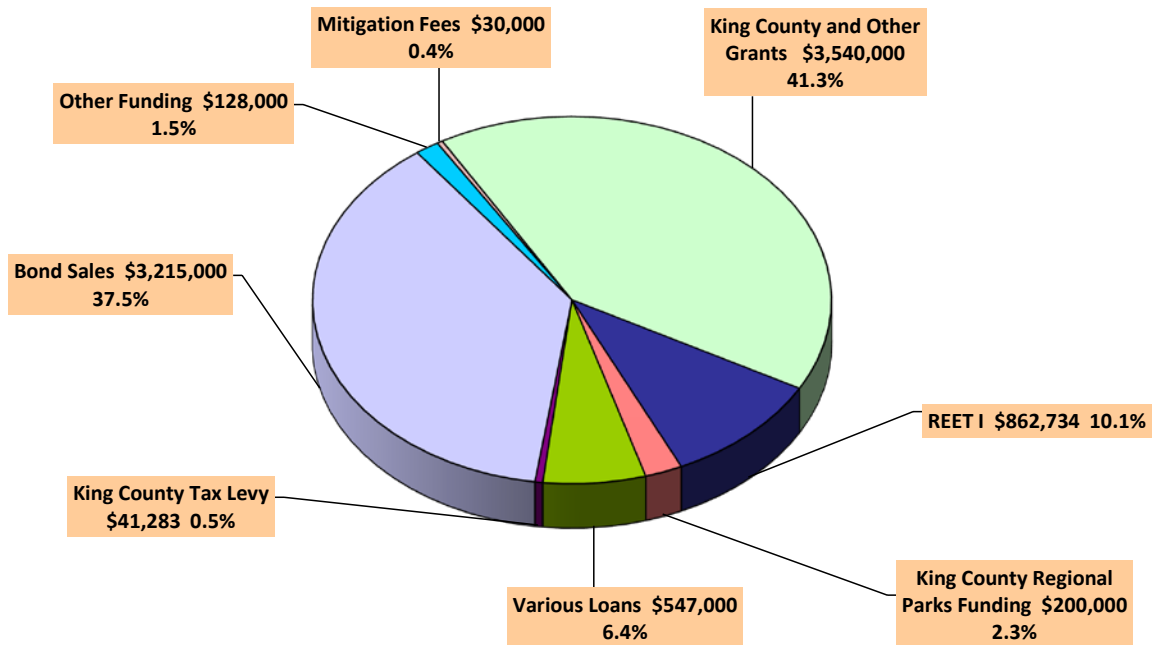
CIP General Government FUNDING Summary								
Capital Improvement Plan 2013 - 2018		Total \$ Project 2014 - 2019	2014	2015	2016	2017	2018	2019
REET I FUNDING								
L1	Police Technology	106,270	15,060	16,763	18,333	18,425	19,245	18,445
L2	Patrol Car Replacement Plan	339,836	46,350	95,018	97,393	49,914	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					
Total REET I Funding for Gen Govt CIP PROJECTS		862,734	150,823	213,943	157,838	171,852	100,120	68,158
LOANS FOR FINANCING								
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	
Total Loans		547,000	240,000				307,000	
GRANT FUNDING								
F2	Replace Reserve Engine	540,000		540,000				
P6	Lake Sawyer Regional Park Improvements	3,000,000					250,000	2,750,000
Total Grant Funding		3,540,000	540,000				250,000	2,750,000
KING COUNTY CONSERVATION DISTRICT FUNDING								
P5	Regional Trail Systems	200,000					100,000	100,000
Total King County Conservation District Funding		200,000					100,000	100,000

CIP General Government FUNDING Summary (Continued)								
Capital Improvement Plan 2013 - 2018		Total \$ Project 2013 - 2018	2013	2014	2015	2016	2017	2018
DEVELOPER/MITIGATION								
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
BOND SALES								
F5	New Fire Station and Equipment	3,215,000				125,000	140,000	2,950,000
Total Bond Sales		3,215,000				125,000	140,000	2,950,000
COUNTY TAX LEVY FOR PARKS								
P2	Ginder Creek Trail Construction	41,283	41,283					
Total County Tax Levy For Parks		41,283	41,283					
OTHER FUNDING								
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	
TOTAL GEN GOV CIP FUNDING (less REET I Loan Payments)		8,564,017	562,106	758,943	162,838	301,852	905,120	5,873,158
LOAN PAYMENTS (REET I) *								
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

REQUESTED FUNDING <i>Includes Debt Repayments</i>	Total \$ Project 2014 - 2019	2014	2015	2016	2017	2018	2019
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
TOTAL SOURCES	\$8,564,017	\$562,106	\$758,943	\$162,838	\$301,852	\$905,120	\$5,873,158



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
Subtotal REET I Revenue		3,135,344	103,381	248,567	508,562	655,564	772,439	846,832
Reet II Transfer								
TOTAL Avail. Balance for Gen Govt Projects	170,890	3,135,344	274,271	443,365	767,432	1,234,605	1,804,640	2,520,800
REET I - PROJECT EXPENDITURES			Capital Improvement Plan 2014 - 2019					
	2013 REET I Budgeted & Funded	2014-2019 Summary Total	2014	2015	2016	2017	2018	2019
General Government								
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					
Subtotal General Government	-	142,528	45,113	19,763	19,713	18,513	19,713	19,713
Parks								
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
Subtotal Parks Projects with REET I		155,000	10,000	10,000	10,000	85,000	10,000	30,000
Public Safety								
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			
Subtotal Police		433,856	24,360	124,180	128,125	68,339	70,407	18,445
F2 Replace Reserve Engine		60,000		60,000				
F5 New Fire Station Study		25,000	25,000					
Subtotal Fire		85,000	25,000	60,000				
Subtotal Public Safety Proj. with REET I		518,856	49,360	184,180	128,125	68,339	70,407	18,445
Public Works Projects								
S2 Public Works Facilities and Equipment		500,000					500,000	
SUBTOTAL PUBLIC WORKS		500,000					500,000	
Total REET I Projects		1,018,856	79,473	153,943	157,838	171,852	100,120	68,158
Total REET I Debt		194,379		30,552	30,552	30,552	30,552	72,171
TOTAL REET I		1,213,235	79,473	184,495	188,390	202,404	130,672	140,329
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
REET based on Houses sold			2014	2015	2016	2017	2018	2019
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
TOTAL PLANNED EXPENDITURES	\$3,426,283	\$56,283	\$15,000	\$90,000	\$265,000	\$365,000	\$2,635,000
Funding Sources							
	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Recreation & Conservation Grant (RCO)							
P6 Lake Sawyer Regional Park Improvements	3,000,000					250,000	2,750,000
Total RCO Grant Funding	\$3,000,000					\$250,000	\$2,750,000
King County Tax Levy							
P2 Ginder Creek Trail Construction	41,283	41,283					
Total King County Levy Funding	\$41,283.00	\$41,283					
Tree Mitigation Funds							
P4 Forestry Management Funds	30,000	5,000	5,000	5,000	5,000	5,000	5,000
Total Tree Mitigation Funding	\$30,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
King Conservation District Grant Funds							
P5 Regional Trail Systems	200,000					100,000	100,000
Total KCD Grant Funds	\$200,000					\$100,000	\$100,000
REET I Funding							
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
Total REET I Funding	\$155,000	\$10,000	\$10,000	\$10,000	\$85,000	\$10,000	\$30,000
TOTAL NR/PARKS PROJECT FUNDING	\$3,426,283	\$56,283	\$15,000	\$15,000	\$90,000	\$365,000	\$2,885,000
Ongoing Maintenance and Operating Costs							
	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
Total Trail Maintenance (Salaries)	\$30,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000

Capital Improvement Plan 2014 - 2019

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

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					
\$41,283	\$41,283	\$0	\$0	\$0	\$0	\$0
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
\$41,283	\$41,283					
\$41,283	\$41,283	-	-	-	-	-



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
\$60,000	10,000	10,000	10,000	10,000	10,000	10,000
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
60,000	10,000	10,000	10,000	10,000	10,000	10,000
\$60,000	10,000	10,000	10,000	10,000	10,000	10,000

What is a matching grant?

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



Capital Improvement Plan 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

Reforestation Program NR

TOTAL COSTS

REQUESTED FUNDING

Tree Mitigation Funds

TOTAL SOURCES

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
\$30,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
\$30,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
\$30,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000



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

Capital Improvement Plan 2014 - 2019

Project for the	NR/Park: Department	#	P5
PROJECT TITLE	Regional Trail System Development		

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

NON CAPITAL OPERATING COSTS

Trail System Maintenance

TOTAL OPERATING

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

Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
200,000					100,000	100,000
\$200,000	-	-	-	-	100,000	100,000

Total \$ Requested	2014	2015	2016	2017	2018	2019
30,000	5,000	5,000	5,000	5,000	5,000	5,000
\$30,000	5,000	5,000	5,000	5,000	5,000	5,000



A well maintained King County Trail

Capital Improvement Plan 2014 - 2019

Project for the

NR/Parks Department

#

P6

PROJECT TITLE

Lake Sawyer Regional Park Enhancement

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
\$3,075,000			75,000	250,000	250,000	2,500,000
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
75,000				75,000		
3,000,000					250,000	2,750,000
\$3,075,000	-	-	-	\$ 75,000	\$ 250,000	\$ 2,750,000



Lake Sawyer Park land

Capital Improvement Plan 2014 - 2019

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

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

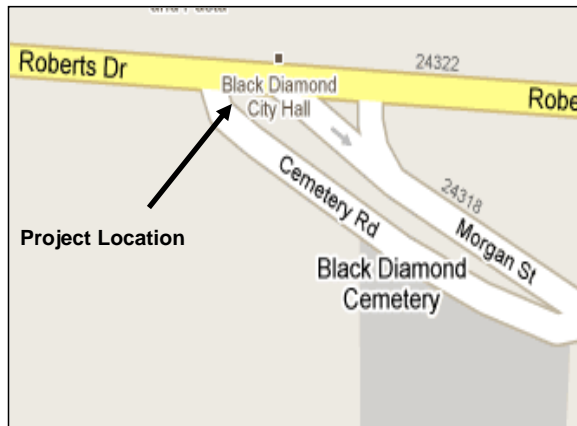
TOTAL COSTS

REQUESTED FUNDING

REET I

TOTAL SOURCES

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



Union Stump Memorial Park



Police Department

CAPITAL PROJECT SUMMARY

Project Title	Capital Plan 2014 - 2019						
	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			
POLICE DEPT TOTAL EXPENDITURES	433,856	24,360	124,180	128,125	68,339	70,407	18,445
Funding Sources							
REQUESTED FUNDING	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
REET I							
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			
total REET I	433,856	24,360	124,180	128,125	68,339	70,407	18,445
TOTAL FUNDING FOR POLICE PROJECTS	433,856	24,360	124,180	128,125	68,339	70,407	18,445

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
40,920	-	7,360	8,180	8,180	9,000	8,200
12,150	1,360	4,703	1,453	1,545	1,545	1,545
30,500	5,000	2,500	5,000	6,500	5,000	6,500
11,900	6,900	400	1,900	400	1,900	400
10,800	1,800	1,800	1,800	1,800	1,800	1,800
106,270	15,060	16,763	18,333	18,425	19,245	18,445
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
106,270	15,060	16,763	18,333	18,425	19,245	18,445
106,270	15,060	16,763	18,333	18,425	19,245	18,445



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
	293,486	-	95,018	97,393	49,914	51,162	
TOTAL COSTS	293,486	-	95,018	97,393	49,914	51,162	-
REQUESTED FUNDING							
REET I	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
	293,486	-	95,018	97,393	49,914	51,162	-
TOTAL SOURCES	293,486	-	95,018	97,393	49,914	51,162	-

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



Police Vehicles and Replacement Schedule																					
Police Vehicles		MODEL	VIN #	Mileage							2012 Ins Value	Years in Service	Rolling Average								
#	License	YEAR		2009	Jan 2010	April 2010	March 2011	March 2012	March 2013	Last Year Milage	ASSIGNED	includes Equipment		Milage Projected	2014	2015	2016	2017	2018	2019	
30	54094D	2012 K-9 Tahoe	Chev Tahoe	16NLC2EO5CR227457						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	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	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	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	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	Lynch	25,460	5	20,223	85,746	105,969	126,192	20,223	40,446	60,669
28	49285D	2009 Blk/White	Dodge Charger	2B3LA43T29H590204	888	10,900	15,101	26,832	39,200	55519	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	Tapec	43,000	2	17,663	49,826	67,489	85,152	102,815	120,478	138,141

Capital Plan 2014 - 2019

Project for	Police Department	#	L3
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PROJECT TITLE	Police Radio Replacement
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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			
34,100	9,300	12,400	12,400	-	-	-
	3	4	4			
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
34,100	9,300	12,400	12,400		-	-
34,100	9,300	12,400	12,400	-	-	-

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
TOTAL EXPENDITURES	4,515,000	390,000	600,000		125,000	450,000	2,950,000
Funding Sources							
Loans to Finance Projects							
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	
Total Loans	547,000	240,000				307,000	
REET I							
F2 Replace Reserve Engine	60,000		60,000				
F5 New Fire Station Study	25,000	25,000					
Total REET I Funding	85,000	25,000	30,552	30,552	30,552	30,552	55,524
FEMA-AFG Grant							
F2 Replace Reserve Engine	540,000		540,000				
Total FEMA-AFG Grant	540,000		540,000				
Bond Sales							
F5 New Fire Station and Equipment	3,215,000				125,000	140,000	2,950,000
Total Bond Sales	3,215,000				125,000	140,000	2,950,000
Other Financing							
F1 Replace Engine 98 (Surplus Funding)	125,000	125,000					
F4 Brush Truck Chassis (Surplus Funding)	3,000					3,000	
Total Other Financing	128,000	125,000				3,000	
FIRE DEPT SUBTOTAL	4,515,000	390,000	30,552	30,552	155,552	480,552	3,005,524
Loans to Finance Projects							
REET I							
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 Loan Payments	194,379		30,552	30,552	30,552	30,552	72,171
TOTAL FIRE PROJECTS	4,709,379	390,000	61,104	61,104	186,104	511,104	3,077,695

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					
TOTAL COSTS	365,000	-	-	-	-	-
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Loan Plan	240,000					
Surplus Equipment Sale	125,000					
TOTAL SOURCES	365,000	-	-	-	-	-
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
TOTAL OPERATING	152,760	-	30,552	30,552	30,552	30,552



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 PROJECT COSTS

Capital Outlay

TOTAL COSTS

REQUESTED FUNDING

FEMA-AFG Grant

REET I for City Match

TOTAL SOURCES

Capital Plan 2014 - 2019						
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
600,000		600,000				
600,000	-	600,000	-	-	-	-
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
540,000		540,000				
60,000		60,000				
600,000	-	540,000	-	-	-	-



Engine #981

Capital Plan 2014 - 2019

Project for the

Fire Department

F3

PROJECT TITLE

Replace Aid Car

DESCRIPTION

Replace Aid 98 to provide reliable patient transport capability.

BACKGROUND

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

COMMENTS

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

CAPITAL 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	
225,000	-	-	-	-	225,000	-
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
225,000				-	225,000	-
225,000	-	-	-	-	225,000	-
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
24,972						24,972
24,972						24,972



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 PROJECT COSTS

Capital Outlay

TOTAL COSTS

REQUESTED FUNDING

Loan Purchase Plan

Surplus Sale of Equip.

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
85,000					85,000	
85,000	-	-	-	-	85,000	-
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
82,000					82,000	
3,000					3,000	
85,000	-	-	-	-	85,000	-
Total \$ Requested 2013-2018	2014	2015	2016	2017	2018	2019
16,647						16,647
16,647						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.

CAPITAL PROJECT COSTS

Capital Plan 2014 - 2019						
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
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
TOTAL COSTS	3,240,000	25,000	-	125,000	140,000	2,950,000

REQUESTED FUNDING

Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Bond Sales	3,215,000			125,000	140,000	2,950,000
REET I	25,000	25,000				
TOTAL SOURCES	3,240,000	25,000	-	125,000	140,000	2,950,000



New Fire Station 96

CAPITAL PROJECT SUMMARY

City Administration and Facilities							
	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
Funding Sources							
	Total \$ Requested 2014 - 2019	2014	2015	2016	2017	2018	2019
REET I							
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

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

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

BACKGROUND

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

Capital Plan 2014 - 2019							
Total \$ Requested 2014 - 2019		2014	2015	2016	2017	2018	2019
CAPITAL PROJECT COSTS							
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
TOTAL COSTS	117,528	20,113	19,763	19,713	18,513	19,713	19,713
Total \$ Requested 2014 - 2019		2014	2015	2016	2017	2018	2019
REQUESTED FUNDING							
REET I	117,528	20,113	19,763	19,713	18,513	19,713	19,713
TOTAL SOURCES	117,528	20,113	19,763	19,713	18,513	19,713	19,713

Technology Non Police

	Yr	2014	2015	2016	2017	2018	2019
	Users	25	25	25	25	25	25
	p/user						
PCs							
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
PC Software							
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
Network							
Server purchases	5000				5000		5000
Server Upgrades	4000	4000		4000		4000	
NW/Security Devices	2500	2500		2500		2500	
		6500		6500	5000	6500	5000
Network Software							
Operating Systems	1200	1200	1200	1200	1200	1200	1200
Backup/WWW	800	800	800	800	800	800	800
		2000	2000	2000	2000	2000	2000
Other purchases							
Video/Audio	400	400	400	400	400	400	400
Disaster Recovery	1500		1500		1500		1500
		400	1900	400	1900	400	1900
Total	117,528	20,113	19,763	19,713	18,513	19,713	19,713
General Fund Operating Budget							
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		2014	2015	2016	2017	2018	2019

Capital Plan 2014 - 2019

Project for the
PROJECT TITLE

Administration and Facilities
Reroof Police Station

A2

DESCRIPTION

The Police Station will be overdue for a new roof.

CAPITAL PROJECT COSTS

Construction Costs

Contingency

TOTAL COSTS

REQUESTED FUNDING

REET 1

TOTAL SOURCES

Capital Plan 2014 - 2019						
Total \$ Requested 2014 - 2019	2014	2015	2016	2017	2018	2019
25,000	25,000					
25,000	25,000	-	-	-	-	-
Total \$ Requested 2014 - 2019	2014	2015	2016	2017	2018	2019
25,000	25,000					
25,000	25,000	-	-	-	-	-





**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 st 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 nd 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