

CITY OF BLACK DIAMOND

**2011-2016
CAPITAL
IMPROVEMENT
PLAN**

JUNE 17, 2010

CITY OF BLACK DIAMOND

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Table of Contents

Overview of the Capital Improvement Program	1
Real Estate Excise Tax Rules for Use in Capital Funding	3
Total Project Summary	4
General Government Capital Project List	6
Department Summary	8
Funding Summary	9
REET I Analysis	10
	12
General Government (non-public safety) Summary	
A1 Future Facility Site – Preliminary Engineering and Design	13
I1 City Technology - Capital	14
E1 Way Finding Signs	15
	16
Police Capital Project Summary	
L1 Patrol Car Replacement Program	17
I2 Police Technology - Capital	18
A2 Reroof Police Building	19
Fire Department Capital Project Summary	20
F1 Fire Engine 981 – Replace	21
F2 Fire Aid Car – Replace	22
F3 Fire Brush-Truck Chassis	23
F4 Fire Station 99 Design/Engineering - Replace	24
Parks Capital Project Summary	25
P1 Park Signage	27
P2 Union Stump Memorial Park	28
P3 Lake Sawyer Boat Launch Improvements	29
P4 Grant Matching Funds	30
P5 Trail System Development	31
P6 BMX Park Course	32
P7 Lake Sawyer Regional park	33
P8 Tree City USA	34
P9 Ginder Creek Acquisition	35
P10 Jones lake Acquisition	36
Public Works Capital Project List	37
Department Summary	40
Funding Summary	41
Expense Summary	42
REET II Analysis	43
Street Projects Summary	45
T1 General Street Improvement	47
T2 Lawson St and Newcastle Dr. Intersection Repair	48
T3 Jones Lake Road Regrading and Paving	49
T4 Roberts Dr. Pedestrian Trail/Sidewalk link to Morgan St.	50
T5 SE 288 th St Overlay	51
T6 SR 169 Widening Lawson & Baker St. Intersections	52
T7 Roberts Drive Reconstruction	53
T8 Pacific St. Neighborhood Improvements	54
T9 Intersection Improvements in Morganville	55
T10 Grant Matching Fund	56
T11 SR 169 Gateway Corridor Improvement	57
T12 Roberts Drive/SR 169 Roundabout	58

Table of Contents, Cont.

Water Projects Summary	59
W1 Springs Transmission Main Replacement Ph 1	60
W2 Springs and River Crossing Rehabilitation Project	61
W3 Meter Replacement Program	62
W4 Fire Flow Loop to N. Commercial Area	63
Wastewater Projects Summary	64
S1 Infiltration and Inflow Reduction Program	65
S2 Replace Old Lawson Lift Station	66
S3 Cedarbrook Sewer Main	67
S4 West Black Diamond Wastewater Lift Station	68
S5 Morganville Wastewater Lift Station Improvement	69
S6 Morganville Force Main Reroute	70
S7 South Black Diamond Wastewater Trunk Extension	71
Stormwater Projects Summary	72
D1 Public Works Yard Improvements	73
D2 Ginder Creek Stormwater Treatment Pond	74
D3 Lake Sawyer Road Culvert and Guardrail	75
CIP Calendar	76

Overview of the Capital Improvement Program

What is the Capital Improvement Program?

A Capital Improvement Program (CIP) is a roadmap that provides direction and guidance for carefully planning and managing Black Diamond's capital and infrastructure assets. It is an investment in the future of our community.

This document presents the proposed plan for major public facility improvements that will be implemented over the next six fiscal years. The projects included in the fiscal 2011-2016 CIP are consistent with the City Council's priorities and address the needs for the acquisition, rehabilitation, and expansion of the City's infrastructure and capital assets.

The City of Black Diamond Capital Improvement Program (CIP) addresses the growing needs of the City and enhances the quality of life through major public improvement 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 shows the total cost of the project and the amount allocated to the project for each year of the plan. 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.

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 it is considered a capital asset.

These projects are usually long-term in nature (over one year) to complete and are frequently financed over a period of time. Typically, a CIP project has a dollar amount over \$10,000.

How are projects in the Capital Improvement Program paid for?

The six-year CIP is a format by which the City uses to review the funding of 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.

Types of Capital Projects

Capital projects are essential to the delivery of many of the City'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 and a public hearing, then the proposed plan is brought before Council for approval. The Capital Improvement Calendar for 2011 – 2016 is part of this document in the appendix section.



Black Diamond Real Estate Excise Tax Approved Uses

REET I	REET II
Public Buildings and other capital projects – Improvements, planning and major maintenance	Streets, Parks and Utilities Infrastructure Improvements, planning and major maintenance
Acquisition of buildings and open space	Not Allowed: land purchases for Parks Acquisition
Less Restrictive	More Restrictive
Must be included in the City's Capital Improvement Plan	Must be included in the City's Capital Improvement Plan

REET I – First .25% Real Estate Excise Tax

To fund capital projects with REET I monies the project must be listed in the Capital Facilities Plan element of the City's Comprehensive Plan.

"Capital projects" are defined as: those public works projects of a local government for planning, acquisition, construction, reconstruction, repair, replacement, rehabilitation, or improvement of streets; roads; highways; sidewalks; street and road lighting systems; traffic signals; bridges; domestic water systems; storm and sanitary sewer systems; parks; recreational facilities; law enforcement facilities; fire protection facilities; trails; libraries; administrative and judicial facilities...."

Planning for projects such as design costs are approved for this funding. Maintenance costs can be included if it is considered major maintenance, for example, a new roof for a city building.

REET II - Second .25% Real Estate Excise Tax

To fund capital projects with REET II monies the project must be listed in the Capital Facilities Plan element of the City's Comprehensive Plan.

REET II monies are more restrictive and are limited to the construction and maintenance of streets, parks, and utilities infrastructure. (police, fire, judicial and administration capital are excluded from this funding)

REET II funded projects must be of a public works nature for planning, acquisition, construction, reconstruction, repair, replacement, rehabilitation, or improvement of streets, roads, highways, sidewalks, street and road lighting systems, traffic signals, bridges, domestic water systems, storm and sanitary sewer systems, and planning, construction, reconstruction, repair, rehabilitation, or improvement of parks.

The acquisition of land for parks is not a permitted use of REET II receipts, although it is a permitted use for street, water and sewer projects.



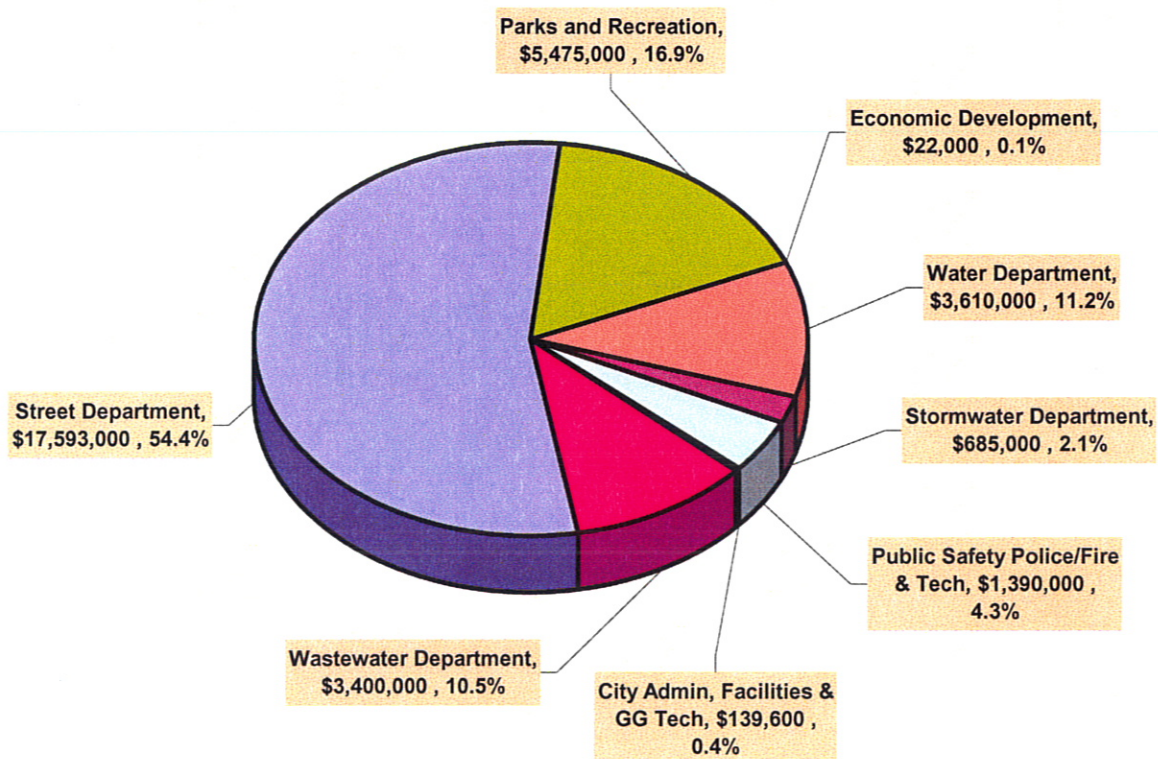
Total Summary by Department

Capital Improvement Program 2011 - 2016

Departments	Total \$ Project	2011	2012	2013	2014	2015	2016
Street Department	17,593,000	120,000	300,000	660,000	990,000	3,210,000	12,313,000
Parks and Recreation	5,475,000	358,860	179,260	1,348,540	248,910	325,280	3,014,150
Water Department	3,610,000	250,000	1,760,000		800,000	800,000	
Wastewater Department	3,400,000	180,000	230,000	250,000	300,000	770,000	1,670,000
Public Safety Police/Fire & Tech	1,390,000	57,000	75,200	704,100	104,000	109,600	340,100
Stormwater Department	685,000	10,000	70,000	50,000	535,000		20,000
City Admin, Facilities & GG Tech	139,600	41,000	53,900	11,550	4,700	21,050	7,400
Economic Development	22,000	12,000	2,500	2,500	2,500	2,500	
TOTAL Project COSTS	\$32,314,600	\$1,028,860	\$2,670,860	\$3,026,690	\$2,985,110	\$5,238,430	\$17,364,650

Total City CIP by Department

Total: \$32,314,600





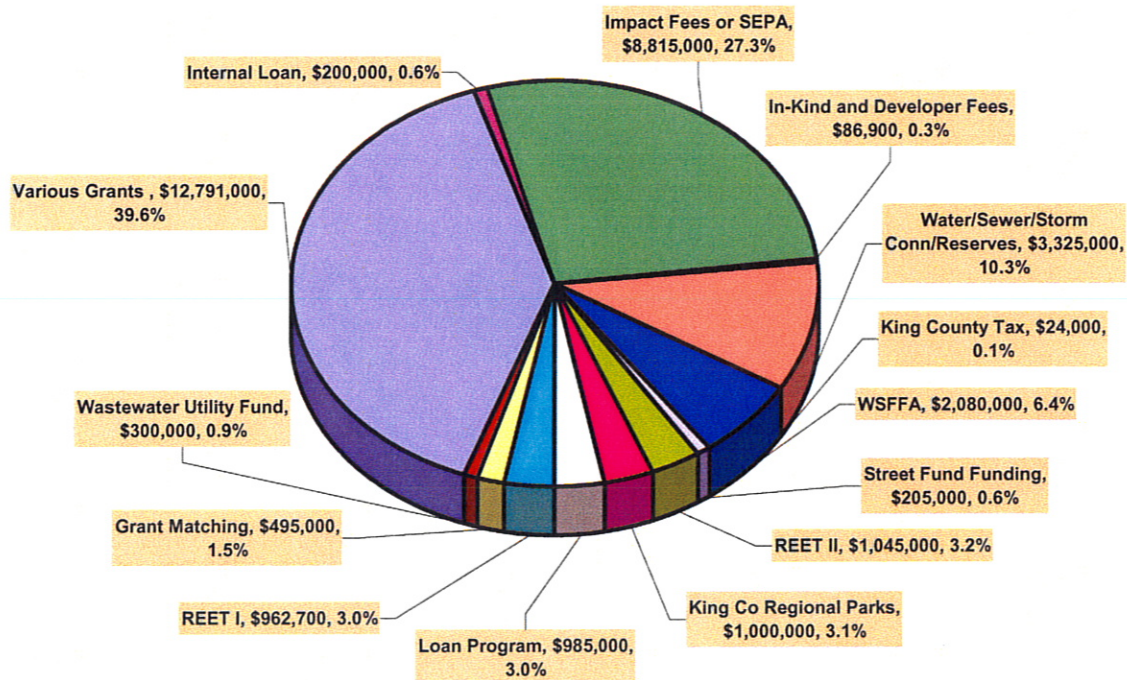
CIP All Funds Revenue Summary

Capital Improvement Program 2011 - 2016

REQUESTED FUNDING

	Total \$ Project	2011	2012	2013	2014	2015	2016
Various Grants	12,791,000	185,000	760,000	988,000	535,000	1,160,000	9,163,000
Impact Fees or SEPA	8,815,000			650,000	1,420,000	1,995,000	4,750,000
Water/Sewer/Storm Conn/Reserves	3,325,000	187,500	235,000	250,000	280,000	720,000	1,652,500
WSFFA	2,080,000	140,000	1,140,000			800,000	
REET II	1,045,000	120,000	140,000	80,000	365,000	250,000	90,000
King Co Regional Parks	1,000,000						1,000,000
Loan Program	985,000	125,000		600,000			260,000
REET I	962,700	137,500	165,100	161,150	174,400	196,350	128,200
Grant Matching	495,000		20,000	200,000	75,000		200,000
Wastewater Utility Fund	300,000		50,000	50,000	50,000	75,000	75,000
Street Fund Funding	205,000	2,500	35,000	30,000	75,000	30,000	32,500
Internal Loan	200,000	100,000	100,000				
In-Kind and Developer Fees	86,900	15,360	25,760	9,540	10,710	12,080	13,450
King County Tax	24,000	8,000	8,000	8,000			
TOTAL SOURCES	\$32,314,600	\$1,020,860	\$2,678,860	\$3,026,690	\$2,985,110	\$5,238,430	\$17,364,650

Total: \$32,314,600



Non Capital Operating Costs

	Total \$ Requested	2011	2012	2013	2014	2015	2016
Salary and Benefits (Trails Project)	50,000		10,000	10,000	10,000	10,000	10,000
Debt Wastewtr REET I (Police Rec. Sys)	125,600	42,000	42,000	41,600			
Debt REET I (Loan for Ginder Creek Land)	79,550		15,910	15,910	15,910	15,910	15,910
Debt REET I (Fire Equip Loans)	170,820				56,940	56,940	56,940
Maint. Costs Infil/WBD Sewer Main	120,000	20,000	20,000	20,000	20,000	20,000	20,000
Maintenance Roberts Drive	30,000				10,000	10,000	10,000
Interfund Debt Repay Water Meters	200,000	40,000	40,000	40,000	40,000	40,000	
Total Non Capital Operating Costs	775,970	102,000	127,910	127,510	152,850	152,850	112,850

City of Black Diamond

General Government Projects



Capital Improvement Program 2011 - 2016

CIP General Government Summary

Capital Improvement Program 2011 - 2016

Key to Projects in the CIP:
 E = Econ Dev
 I = Technology
 P = Parks
 L = Police
 A = Admin/Facilities
 F = Fire

Sources	Total \$ Project	2011	2012	2013	2014	2015	2016
1 Grant Funding	3,073,000	175,000	100,000	988,000	100,000		1,710,000
2 Real Estate Excise Taxes I	962,700	137,500	165,100	161,150	174,400	196,350	128,200
3 King County Regional Parks Funding	1,000,000						1,000,000
4 Loans	985,000	125,000		600,000			260,000
5 Impact Fees or SEPA	700,000			200,000		250,000	250,000
6 Grant Matching	195,000		20,000	100,000	75,000		
7 In Kind Funding or Developer Fees	86,900	15,360	25,760	9,540	10,710	12,080	13,450
8 King County Tax Levy	24,000	8,000	8,000	8,000			
Total Sources for Gen Govt Projects	7,026,600	460,860	318,860	2,066,690	360,110	458,430	3,361,650
Uses	Total \$ Project	2011	2012	2013	2014	2015	2016
Facilities and Administration							
A1 Future Facility Site-Preliminary Engr/Design	50,000	15,000	35,000				
I1 City Technology Capital	89,600	26,000	18,900	11,550	4,700	21,050	7,400
E1 Way Finding Signs	22,000	12,000	2,500	2,500	2,500	2,500	
Total Facilities and Administration Projects	161,600	53,000	56,400	14,050	7,200	23,550	7,400
Parks and Recreation							
P1 Park Signage	12,500	2,500	2,500	2,500	2,500	2,500	
P2 Union Stump Memorial Park	20,000			20,000			
P3 Lake Sawyer Boat Launch Improvements	788,000		20,000	768,000			
P4 Grant Matching Funds	240,000	40,000	40,000	40,000	40,000	40,000	40,000
P5 Trail System Development	324,000	8,000	108,000	108,000	100,000		
P6 BMX Park Course	250,000				20,000	20,000	210,000
P7 Lake Sawyer Regional Park	3,075,000				75,000	250,000	2,750,000
P8 Tree City USA Money Fund	65,500	8,360	8,760	10,040	11,410	12,780	14,150
P9 Ginder Creek Acquisition	300,000	300,000					
P10 Jones Lake Acquisition	400,000			400,000			
Total Parks and Rec Projects	5,475,000	358,860	179,260	1,348,540	248,910	325,280	3,014,150
Public Safety							
A2 Police Reroof	20,000						20,000
I2 Police Technology Capital	75,000	12,000	8,200	14,100	12,000	15,600	13,100
L1 Patrol Car Replacement Program	405,000	40,000	42,000	90,000	92,000	94,000	47,000
F1 Fire Engine 981 - Replace	600,000			600,000			
F2 Fire Aid Car - Replace	175,000						175,000
F3 Fire Brush-Truck Chassis	85,000						85,000
F4 Fire Station 99 Design/Engr - Replace	30,000	5,000	25,000				
Total Public Safety Projects	1,390,000	57,000	75,200	704,100	104,000	109,600	340,100
Total Uses Gen Govt Projects	7,026,600	468,860	310,860	2,066,690	360,110	458,430	3,361,650

General Government Project Breakdown by Types of Funding

	Total \$ Project	2011	2012	2013	2014	2015	2016
Grant Funding							
P2 Union Stump Memorial Park	20,000			20,000			
P3 Lake Sawyer Boat Launch Improvements	668,000			668,000			
P5 Trail System Development	300,000		100,000	100,000	100,000		
P6 BMX Park Course	210,000						210,000
P7 Lake Sawyer Regional Park	1,500,000						1,500,000
P9 Ginder Creek Acquisition	175,000	175,000					
P10 Jones Lake Acquisition	200,000			200,000			
E1 Way Finding Signs	22,000	12,000	2,500	2,500	2,500	2,500	
Total Grant Funding	3,073,000	175,000	100,000	988,000	100,000		1,710,000
REET I Funding							
P1 Park Signage	12,500	2,500	2,500	2,500	2,500	2,500	
P4 Grant Matching Funds	240,000	40,000	40,000	40,000	40,000	40,000	40,000
P6 BMX Park Course	40,000				20,000	20,000	
P8 Tree City USA	3,600	500	500	500	700	700	700
L1 Patrol Car Replacement Program	405,000	40,000	42,000	90,000	92,000	94,000	47,000
F4 Fire Station 99 Design/Engr - Replace	30,000	5,000	25,000				
A1 Future Facility Site-Preliminary Engr/Design	25,000	7,500	17,500				
A2 Police Reroof	20,000						20,000
I1 City Technology Capital	89,600	18,000	26,900	11,550	4,700	21,050	7,400
I2 Police Technology Capital	75,000	12,000	8,200	14,100	12,000	15,600	13,100
Total REET I Funding	962,700	137,500	165,100	161,150	174,400	196,350	128,200
King County Regional Parks Funding							
P7 Lake Sawyer Regional Park	1,000,000						1,000,000
Total King County Regional Parks Funding	1,000,000						1,000,000
Loans for Financing							
F1 Fire Engine 981 - Replace	600,000			600,000			
F2 Fire Aid Car - Replace	175,000						175,000
F3 Fire Brush-Truck Chassis	85,000						85,000
P9 Ginder Creek Acquisition	125,000	125,000					
Total Loans	985,000	125,000		600,000			260,000
Impact Fees or SEPA							
P7 Lake Sawyer Regional Park	500,000					250,000	250,000
P10 Jones Lake Acquisition	200,000			200,000			
Total Impact Fees or SEPA	700,000			200,000		250,000	250,000
Grant Matching Funds							
P7 Lake Sawyer Regional Park	75,000				75,000		
P3 Lake Sawyer Boat Launch Improvements	120,000		20,000	100,000			
Total Grant Matching Funds	195,000		20,000	100,000	75,000		
In Kind Funding or Developer Fees							
A1 Future Facility Site-Preliminary Engr/Design	25,000	7,500	17,500				
P8 Tree City USA	61,900	7,860	8,260	9,540	10,710	12,080	13,450
Total In Kind Funding or Developer Fees	86,900	15,360	25,760	9,540	10,710	12,080	13,450
King County Tax Levy Funding							
P5 Trail System Development	24,000	8,000	8,000	8,000			
Total King County Tax Levy	24,000	8,000	8,000	8,000			
Total General Government Funding	7,026,600	460,860	318,860	2,066,690	360,110	458,430	3,361,650

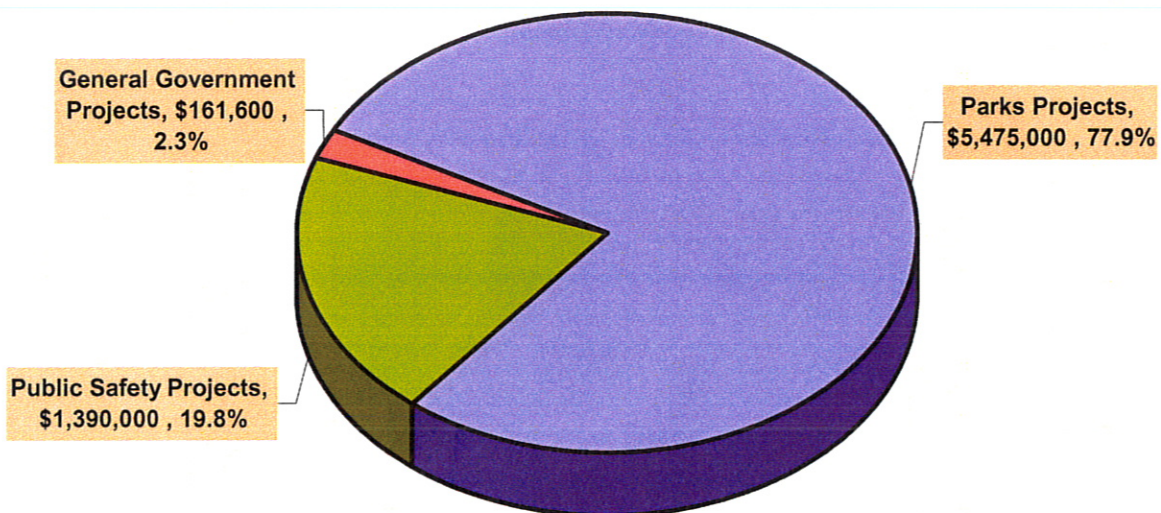


General Government Department Summary

Capital Improvement Program 2011 - 2016

Departments	Total \$ Project	2011	2012	2013	2014	2015	2016
General Government Projects							
Capital Facilities & Admin	50,000	15,000	35,000				
Economic Development	22,000	12,000	2,500	2,500	2,500	2,500	
City Technology (not Police)	89,600	26,000	18,900	11,550	4,700	21,050	7,400
Subtotal	161,600	53,000	56,400	14,050	7,200	23,550	7,400
Parks Projects							
Parks Department	5,475,000	358,860	179,260	1,348,540	248,910	325,280	3,014,150
Public Safety							
Police Department (incl Tech)	500,000	52,000	50,200	104,100	104,000	109,600	80,100
Fire Department	890,000	5,000	25,000	600,000			260,000
Subtotal	1,390,000	57,000	75,200	704,100	104,000	109,600	340,100
TOTAL Project COSTS	7,026,600	\$468,860	\$310,860	\$2,066,690	\$360,110	\$458,430	\$3,361,650

General Government CIP by Department
Total: \$7,026,600



REET I Payments	Total 2011 - 2016	2011	2012	2013	2014	2015	2016
Repay Ginder Ck Land Loan	79,550		15,910	15,910	15,910	15,910	15,910
Repay Loan Police Records Sys.	125,600	42,000	42,000	41,600			
Repay Loan Fire Engine	170,820				56,940	56,940	56,940
Total	375,970	42,000	57,910	57,510	72,850	72,850	72,850



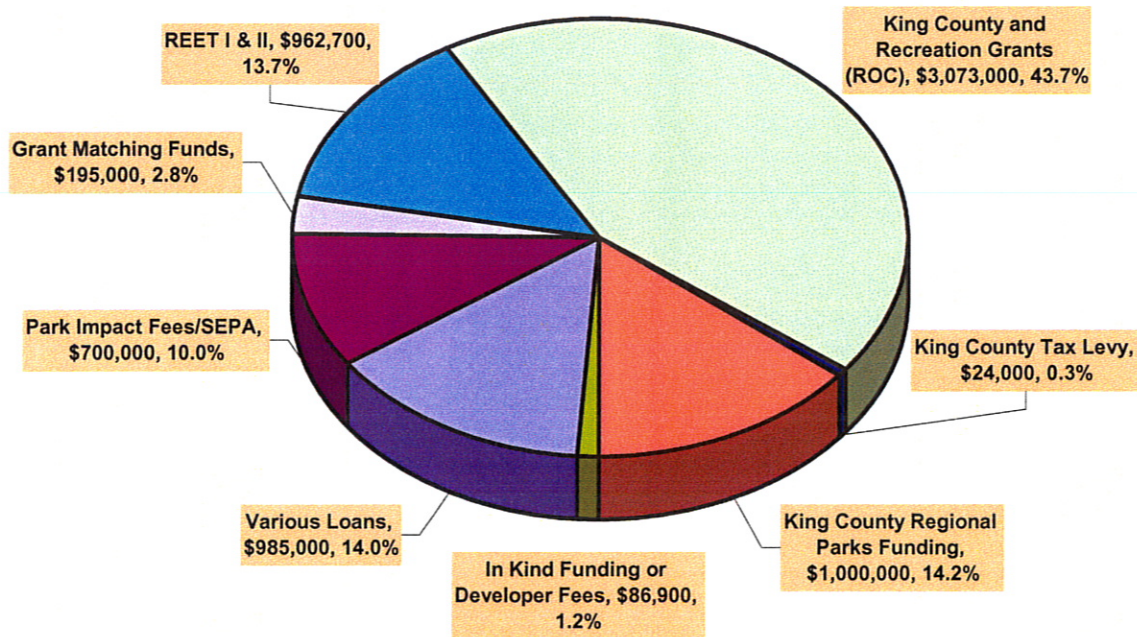
CIP General Government Funding Summary

Capital Improvement Program 2011 - 2016

REQUESTED FUNDING

	Total \$ Project	2011	2012	2013	2014	2015	2016
King County and Recreation Grants (ROC)	3,073,000	175,000	100,000	988,000	100,000		1,710,000
REET I & II	962,700	137,500	165,100	161,150	174,400	196,350	128,200
King County Regional Parks Funding	1,000,000						1,000,000
Various Loans	985,000	125,000		600,000			260,000
Park Impact Fees/SEPA	700,000			200,000		250,000	250,000
Grant Matching Funds	195,000		20,000	100,000	75,000		
In Kind Funding or Developer Fees	86,900	15,360	25,760	9,540	10,710	12,080	13,450
King County Tax Levy	24,000	8,000	8,000	8,000			
TOTAL SOURCES	\$7,026,600	\$460,860	\$318,860	\$2,066,690	\$360,110	\$458,430	\$3,361,650

General Government CIP by Type of Funding
Total: \$7,026,600



Non Capital Operating Costs

	Total \$ Requested	2011	2012	2013	2014	2015	2016
Salary and Benefits (Trails Project)	50,000		10,000	10,000	10,000	10,000	10,000
Debt Wastewtr REET I (Police Rec. Sys)	125,600	42,000	42,000	41,600			
Debt REET I (Loan for Ginder Creek Land)	79,550		15,910	15,910	15,910	15,910	15,910
Debt REET I (Fire Equip Loans)	170,820				56,940	56,940	56,940
TOTAL OPERATING Gen Govt Costs	425,970	42,000	67,910	67,510	82,850	82,850	82,850



REET I ANALYSIS SUMMARY (Fund 310)

Capital Improvement Program 2011 - 2016

Real Estate Excise Tax Analysis

Key to Projects in the CIP:

E = Econ Dev
I = Technology
P = Parks
L = Police
A = Facilities
F = Fire

REET I - REVENUE ANALYSIS

	Info Only 2010	2011 - 2016 Summary Total	2011	2012	2013	2014	2015	2016
Beginning Fund Balance	710,492		414,370	335,870	239,960	224,300	232,050	217,850
1/4 of 1% REET	30,000		30,000	50,000	200,000	250,000	250,000	250,000
Interest	9,800		1,000	1,500	3,000	5,000	5,000	5,000
Reet II Transfer			70,000	80,000				
Available Balance	750,292		515,370	467,370	442,960	479,300	487,050	472,850
REET 1 Projects								
General Government								
A1 Space Design		25,000	7,500	17,500				
E1 Way Finding Signs		22,000	12,000	2,500	2,500	2,500	2,500	
I1 City Technology Capital	21,000	89,600	18,000	26,900	11,550	4,700	21,050	7,400
City Hall and Court Remodel	35,000							
Metal Buildings								
Subtotal		136,600	37,500	46,900	14,050	7,200	23,550	7,400
Parks								
P1 Park Signage	15,000	12,500	2,500	2,500	2,500	2,500	2,500	
P4 Grant Matching Funds	50,000	240,000	40,000	40,000	40,000	40,000	40,000	40,000
P6 BMX Park Course		40,000				20,000	20,000	
P8 Tree City USA	5,000	3,600	500	500	500	700	700	700
Boat Launch Project	55,000							
Skate Park Project	25,000							
Repay Ginder CK Land Loan		79,550		15,910	15,910	15,910	15,910	15,910
Subtotal		375,650	43,000	58,910	58,910	79,110	79,110	56,610
Public Safety								
A2 Police Reroof		20,000						20,000
L1 Patrol Car Replacement Program		405,000	40,000	42,000	90,000	92,000	94,000	47,000
I2 Police Technology Upgrades	12,000	79,400	12,000	12,600	14,100	12,000	15,600	13,100
F4 Replace Fire Station Design		30,000	5,000	25,000				
Firearms	922							
Repay Loan Police Records System	42,000	125,600	42,000	42,000	41,600			
Repay Loan Fire Engine replacement		170,820				56,940	56,940	56,940
Subtotal	260,922	830,820	99,000	121,600	145,700	160,940	166,540	137,040
312 Parking Project	75,000							
Total REET I Projects & Debt	335,922	1,343,070	179,500	227,410	218,660	247,250	269,200	201,050
Ending Fund Balance	414,370		335,870	239,960	224,300	232,050	217,850	271,800

REET monies based on Houses sold at \$

* 80 @250K 266 @300K 285 @350K 285 @350K 285 @350K

* May also include commercial development, land sales or resale of property



General Government REET I Summary

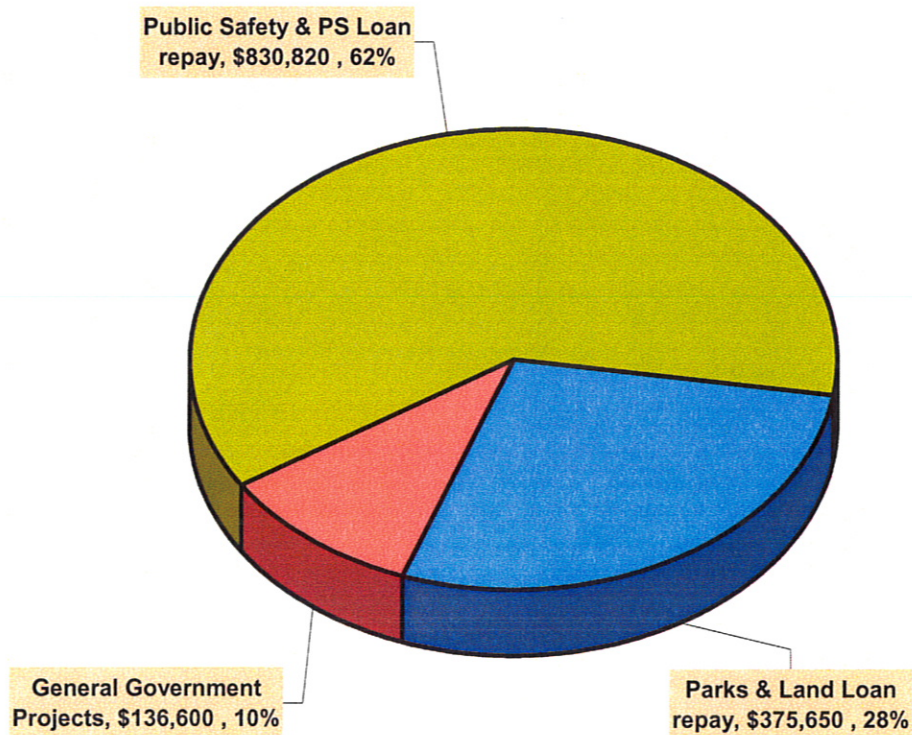
Capital Improvement Program 2011 - 2016

REET: Real Estate Excise Tax

REET I

	Total \$ Project	2011	2012	2013	2014	2015	2016
General Government Projects	136,600	37,500	46,900	14,050	7,200	23,550	7,400
Public Safety & PS Loan repay	830,820	99,000	121,600	145,700	160,940	166,540	137,040
Parks & Land Loan repay	375,650	43,000	58,910	58,910	79,110	79,110	56,610
TOTAL SOURCES	\$1,343,070	\$179,500	\$227,410	\$218,660	\$247,250	\$269,200	\$201,050

Total REET I: \$1,343,070



General Government Projects

(Administration, City Technology and Facilities)





General Government (Non-Public Safety)

Capital Improvement Program 2011 - 2016

Expenditure Summary by Project

Project Name	Total \$ Requested	2011	2012	2013	2014	2015	2016
A1 Future Facility Site-Preliminary Engr/Design	50,000	15,000	35,000				
I1 City Technology Capital	89,600	26,000	18,900	11,550	4,700	21,050	7,400
E1 Way Finding Signs	22,000	12,000	2,500	2,500	2,500	2,500	
TOTAL EXPENDITURES	161,600	53,000	56,400	14,050	7,200	23,550	7,400

Funding Sources

	Total \$ Project	2011	2012	2013	2014	2015	2016
REET I							
A1 Future Facility Site-Preliminary Engr/Design	25,000	7,500	17,500				
I1 City Technology Capital	89,600	26,000	18,900	11,550	4,700	21,050	7,400
E1 Way Finding Signs	22,000	12,000	2,500	2,500	2,500	2,500	
Total REET I Funding	136,600	45,500	38,900	14,050	7,200	23,550	7,400
In-Kind or Developer Funded							
A1 Future Facility Site-Preliminary Engr/Design	25,000	7,500	17,500				
Total In-Kind or Developer Funding	25,000	7,500	17,500				
Total General Government Projects	161,600	53,000	56,400	14,050	7,200	23,550	7,400



Capital Improvement Program 2011 - 2016

Project for

Facilities & Administration

A1

PROJECT TITLE

Future Facility Site-Preliminary Engr/Design

DESCRIPTION

Work with staff to determine the optional locations for City Hall, Public Works, Fire Station and other city sites, and to prepare some preliminary design and cost analysis.

CAPITAL PROJECT COSTS	Total \$ Requested	2011	2012	2013	2014	2015	2016
Preliminary Engr/Design	50,000	15,000	35,000				
TOTAL COSTS	\$50,000	\$15,000	\$35,000				
REQUESTED FUNDING	Total \$ Project	2011	2012	2013	2014	2015	2016
REET I	25,000	7,500	17,500				
In-Kind or Developer Funding	25,000	7,500	17,500				
TOTAL SOURCES	\$50,000	\$15,000	\$35,000				



Capital Improvement Program 2011 - 2016

Project for

Information Technology

I1

PROJECT TITLE

City Technology - Capital

DESCRIPTION

Variety of technology upgrades to the City including phone system upgrades, PC purchases, software purchases, network upgrades hard and software and printers. These upgrades that are for the City excludes 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, a phone system for City Hall in 2012, and other technology.

CAPITAL PROJECT COSTS	Total \$ Requested	2011	2012	2013	2014	2015	2016
Phone System	8,000		8,000				
PC, Printers, Software	28,100	3,000	3,400	4,050	2,700	9,550	5,400
Network	22,500	6,000	5,000	6,000	500	5,000	500
Network Software	10,500	1,500	3,000	1,500	1,500	1,500	1,500
Disaster Recovery Software	20,000	7,500	7,500			5,000	
TOTAL COSTS	\$89,600	18,000	\$26,900	\$11,550	\$4,700	\$21,050	\$7,400
REQUESTED FUNDING	Total \$ Project	2011	2012	2013	2014	2015	2016
REET I	89,600	18,000	26,900	11,550	4,700	21,050	7,400
TOTAL SOURCES	\$89,600	\$18,000	\$26,900	\$11,550	\$4,700	\$21,050	\$7,400



Capital Improvement Program 2011 - 2016

Project for the

Economic Development

E1

PROJECT TITLE

Way Finding Signs

DESCRIPTION

14-foot tall decorative sign with city logo made of painted aluminum materials. Installation to be provided by Public Works. The plan is for two-post and single-post signs.

BACKGROUND

Limited signage to direct the public to City offices, Library and business area from Highway 169.

COMMENTS

The City would be able to direct the public to the City offices along with helping the people visiting the city to know where to locate the resources they are looking for including local business area. The first year two-post signs will be installed then followed by single-post signs every other year.

CAPITAL PROJECT COSTS

Capital Outlay

TOTAL COSTS

Total \$ Requested	2011	2012	2013	2014	2015	2016
22,000	12,000	2,500	2,500	2,500	2,500	
\$22,000	\$12,000	\$2,500	\$2,500	\$2,500	\$2,500	

REQUESTED FUNDING

REET I

TOTAL SOURCES

Total \$ Project	2011	2012	2013	2014	2015	2016
22,000	12,000	2,500	2,500	2,500	2,500	
\$22,000	\$12,000	\$2,500	\$2,500	\$2,500	\$2,500	



Examples of Wayfinding Signs

Police Projects





Police Department

Capital Improvement Program 2011 - 2016

Expenditure Summary

Police Vehicle Replacement

#L1

CAPITAL PROJECT COSTS BY PROJECT

	Total \$ Requested	2011	2012	2013	2014	2015	2016
L1 Vehicle Replacement Program	405,000	40,000	42,000	90,000	92,000	94,000	47,000
I2 Police Technology Capital	75,000	12,000	8,200	14,100	12,000	15,600	13,100
A2 Reroof Police Building	20,000						20,000
TOTAL COSTS	500,000	52,000	50,200	104,100	104,000	109,600	80,100

Funding Sources

REQUESTED FUNDING

	Total \$ Project	2011	2012	2013	2014	2015	2016
Real Estate Excise Tax I	500,000	52,000	50,200	104,100	104,000	109,600	80,100
TOTAL SOURCES	500,000	52,000	50,200	104,100	104,000	109,600	80,100



Capital Improvement Program 2011 - 2016

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

PROJECT TITLE **Patrol Car Replacement Program**

DESCRIPTION The City has created and maintained a vehicle replacement program 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 program will allow the force to spend more time on the street and less time delivering them for repairs and maintenance. This program will allow for replacement roughly every 100,000 miles.

CAPITAL PROJECT COSTS	Total \$ Requested	2011	2012	2013	2014	2015	2016
Capital Outlay	405,000	40,000	42,000	90,000	92,000	94,000	47,000
TOTAL COSTS	\$405,000	\$40,000	\$42,000	\$90,000	\$92,000	\$94,000	\$47,000

REQUESTED FUNDING	Total \$ Project	2011	2012	2013	2014	2015	2016
REET I	405,000	40,000	42,000	90,000	92,000	94,000	47,000
TOTAL SOURCES	\$405,000	\$40,000	\$42,000	\$90,000	\$92,000	\$94,000	\$47,000

Replacement Schedule		2011	2012	2013	2014	2015	2016
Car 15	2003 Ford	40,000					
Car 11	2006 Ford			45,000			
Car K9	2006 Ford		42,000				
Car 28	2009 Charger						47,000
Car 23	2007 Dodge				46,000		
Car 21	2006 Ford					47,000	
Car 22	2007 Dodge				46,000		
Car 20	2006 Ford			45,000			
Car 24	2008 Dodge					47,000	



Capital Improvement Program 2011 - 2016

Project for

Information Technology

I2

PROJECT TITLE

Police Technology Capital

DESCRIPTION

Variety of technology for Police and for the Court, PC purchases, network upgrades for hard and software, and replacement of printers and copiers.

COMMENTS

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

CAPITAL PROJECT COSTS	Total \$ Requested	2011	2012	2013	2014	2015	2016
Laptops	13,200			4,400		4,400	4,400
Personal Computers			1,200	1,200		1,200	1,200
Routers, servers and Operating System Upgrades & record sys	57,000	12,000	7,000	8,500	12,000	10,000	7,500
TOTAL COSTS	75,000	\$12,000	\$8,200	\$14,100	\$12,000	\$15,600	\$13,100
REQUESTED FUNDING	Total \$ Project	2011	2012	2013	2014	2015	2016
REET I	75,000	12,000	8,200	14,100	12,000	15,600	13,100
TOTAL SOURCES	75,000	\$12,000	\$8,200	\$14,100	\$12,000	\$15,600	\$13,100
NON CAPITAL OPERATING COSTS	Total \$ Requested	2011	2012	2013	2014	2015	2016
Debt Repayment REET I Record Sys	127,200	43,200	42,400	41,600			
TOTAL OPERATING	127,200	43,200	42,400	41,600			



Capital Improvement Program 2011 - 2016

Project for

Facilities & Administration

A2

PROJECT TITLE

Reroof Police Building

DESCRIPTION

The Police building roof will need to be replaced withing the next six years. The existing roof has four layers, so it will need to be a replacement.

CAPITAL PROJECT COSTS

Construction Costs

TOTAL COSTS

REQUESTED FUNDING

Total \$ Requested	2011	2012	2013	2014	2015	2016
20,000						20,000
\$20,000						\$20,000
Total \$ Project	2011	2012	2013	2014	2015	2016
20,000						20,000
\$20,000						\$20,000

REET I

TOTAL SOURCES

Fire Department Projects



Fire Department

Capital Improvement Program 2011 - 2016

Expenditure Summary by Project

Project Name	Total \$ Requested	2011	2012	2013	2014	2015	2016
F1 Fire Engine 981 - Replace	600,000			600,000			
F2 Fire Aid Car - Replace	175,000						175,000
F3 Fire Brush-Truck Chassis	85,000						85,000
F4 Fire Station 99 Design/Engr - Rep	30,000	5,000	25,000				
TOTAL EXPENDITURES	890,000	5,000	25,000	600,000			260,000

Funding Sources

	Total \$ Project	2011	2012	2013	2014	2015	2016
Loan Program							
F1 Fire Engine 981 - Replace	600,000			600,000			
F2 Fire Aid Car - Replace	175,000						175,000
F3 Fire Brush-Truck Chassis	85,000						85,000
Total Loans	860,000			600,000			260,000
REET I							
F4 Fire Station 99 Design/Engr - Rep	30,000	5,000	25,000				
Total REET 1 Funding	30,000	5,000	25,000				
Total Fire Department Projects	890,000	5,000	25,000	600,000			260,000

NON CAPITAL OPERATING COSTS

	Total \$ Requested	2011	2012	2013	2014	2015	2016
Salaries, Benefits and Other							
Debt Repayment REET I	170,820				56,940	56,940	56,940
TOTAL OPERATING	170,820				\$56,940	\$56,940	\$56,940



Capital Improvement Program 2011 - 2016

Project for the

Fire Department

F1

PROJECT TITLE

Fire Engine 981 - Replace

DESCRIPTION

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

BACKGROUND

Engine 981 is a 1986 Pierce custom built for Kent Fire and later purchased by Black Diamond. It is four years older than the nationally recommended service life and has been driven more than 150,600 miles and used more than 12,000 hours.

COMMENTS

Replacing 981 extends the service life of the newest engine by moving it to reserve status. This project could be financed for \$600,000 for 15 years at a rate of 5%. The engine would need to be ordering in late 2011 (18 month build time) for delivery in 2013 and payments for 15 years to begin in 2014.

CAPITAL PROJECT COSTS

Capital Outlay

TOTAL COSTS

Total \$ Requested	2011	2012	2013	2014	2015	2016
600,000			600,000			
600,000			\$600,000			

REQUESTED FUNDING

Loan

TOTAL SOURCES

Total \$ Project	2011	2012	2013	2014	2015	2016
600,000			600,000			
600,000			\$600,000			

NON CAPITAL OPERATING COSTS

Salaries, Benefits and Other

Debt Repayment

TOTAL OPERATING

Total \$ Requested	2011	2012	2013	2014	2015	2016
170,820				56,940	56,940	56,940
170,820				56,940	56,940	56,940



Capital Improvement Program 2011 - 2016

Project for the

Fire Department

F2

PROJECT TITLE Fire Aid Car - Replace

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

Cost projections of \$175,000 include the purchase price and a ten year loan assuming a 5% interest rate.

CAPITAL PROJECT COSTS	Total \$ Requested	2011	2012	2013	2014	2015	2016
Capital Outlay	175,000						175,000
TOTAL COSTS	\$175,000						\$175,000

REQUESTED FUNDING	Total \$ Project	2011	2012	2013	2014	2015	2016
Loan	175,000						175,000
TOTAL SOURCES	\$175,000						\$175,000





Capital Improvement Program 2011 - 2016

Project for the

Fire Department

F3

PROJECT TITLE

Fire 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 program.

CAPITAL PROJECT COSTS

Capital Outlay

TOTAL COSTS

Total \$ Requested	2011	2012	2013	2014	2015	2016
85,000						85,000
85,000						\$85,000

REQUESTED FUNDING

Loan

TOTAL SOURCES

Total \$ Project	2011	2012	2013	2014	2015	2016
85,000						85,000
85,000						\$85,000



Capital Improvement Program 2011 - 2016

Project for the

Fire Department

F4

PROJECT TITLE

Fire Station 99 Design/Engr - Replace

DESCRIPTION

Replace Station 99 with a suitable facility in the Old Town area. Preliminary studies and engineering will be done in 2011 - 2012 time frame with construction to begin in the future.

BACKGROUND

Existing Station 99 does not provide adequate facilities for 24 hour occupancy. Apparatus bay doors, though widened in 2009, are not of sufficient size to accommodate modern fire apparatus. Project will begin with a site survey in 2012.

COMMENTS

REET I is one method to fund the preliminary work. The preliminary design and engineering in 2011-2012 will determine where the station will be, possible funding sources and land needed.

CAPITAL PROJECT COSTS

Preliminary Engineering

TOTAL COSTS

Total \$ Requested	2011	2012	2013	2014	2015	2016
30,000	5,000	25,000				
30,000	\$5,000	\$25,000				

REQUESTED FUNDING

REET I

TOTAL SOURCES

Total \$ Project	2011	2012	2013	2014	2015	2016
30,000	5,000	25,000				
30,000	\$5,000	\$25,000				

Parks Projects



Parks Department

Capital Improvement Program 2011 - 2016

Expenditure Summary by Project

Project Name	Total \$ Requested	2011	2012	2013	2014	2015	2016
P1 Park Signage	12,500	2,500	2,500	2,500	2,500	2,500	
P2 Union Stump Memorial Park	20,000			20,000			
P3 Lake Sawyer Boat Launch Improvements	788,000		20,000	768,000			
P4 Grant Matching Funds	240,000	40,000	40,000	40,000	40,000	40,000	40,000
P5 Trail System Development	324,000	8,000	108,000	108,000	100,000		
P6 BMX Park Course	250,000				20,000	20,000	210,000
P7 Lake Sawyer Regional Park	3,075,000				75,000	250,000	2,750,000
P8 Tree City USA Money Fund	65,500	8,360	8,760	10,040	11,410	12,780	14,150
P9 Ginder Creek Acquisition	300,000	300,000					
P10 Jones Lake Acquisition	400,000			400,000			
TOTAL EXPENDITURES	5,475,000	358,860	179,260	1,348,540	248,910	325,280	3,014,150

Funding Sources

	Total \$ Project	2011	2012	2013	2014	2015	2016
Recreation and Conservation Office Grant (RCO)							
P2 Union Stump Memorial Park	20,000			20,000			
P5 Trail System Development	300,000		100,000	100,000	100,000		
P6 BMX Park Course	210,000						210,000
P7 Lake Sawyer Regional Park	1,500,000						1,500,000
P9 Ginder Creek Acquisition	175,000	175,000					
P10 Jones Lake Acquisition	200,000			200,000			
King County Grant							
P3 Lake Sawyer Boat Launch Improvements	668,000			668,000			
Total Grant Funding	3,073,000	175,000	100,000	988,000	100,000		1,710,000
King County Regional Parks Funding							
P7 Lake Sawyer Regional Park	1,000,000						1,000,000
Total King County Regional Parks Funding	1,000,000						1,000,000
King County Tax Levy for Regional Parks							
P5 Trail System Development	24,000	8,000	8,000	8,000			
Total King County Regional Parks Funding	24,000	8,000	8,000	8,000			
Grant Matching							
P3 Lake Sawyer Boat Launch Improvements	120,000		20,000	100,000			
Total Grant Matching	120,000		20,000	100,000			
REET I Funding							
P1 Park Signage	12,500	2,500	2,500	2,500	2,500	2,500	
P4 Grant Matching Funds	240,000	40,000	40,000	40,000	40,000	40,000	40,000
P6 BMX Park Course	40,000				20,000	20,000	
P7 Lake Sawyer Regional Park	75,000				75,000		
P8 Tree City USA	3,600	500	500	500	700	700	700
Total REET I Funding	371,100	43,000	43,000	43,000	138,200	63,200	40,700

Parks Department

Capital Improvement Program 2011 - 2016

Funding Sources, cont.

	Total \$ Project	2011	2012	2013	2014	2015	2016
Impact Fee/SEPA Funding							
P7 Lake Sawyer Regional Park	500,000					250,000	250,000
P10 Jones Lake Acquisition	200,000			200,000			
Total Impact Fee Funding	700,000			200,000		250,000	250,000
In Kind and Permit Fees							
P8 Tree City USA	61,900	7,860	8,260	9,540	10,710	12,080	13,450
Total In-kind and Permit Fees	61,900	7,860	8,260	9,540	10,710	12,080	13,450
10 year Loan Program							
P9 Ginder Creek Acquisition	125,000	125,000					
Total In-kind and Permit Fees	125,000	125,000					
Total Parks Projects	5,475,000	358,860	179,260	1,348,540	248,910	325,280	3,014,150
Non Capital Operating Costs							
	Total \$ Requested	2011	2012	2013	2014	2015	2016
Salaries, Benefits and Maintenance	50,000		10,000	10,000	10,000	10,000	10,000
Debt Pay REET I for Ginder Creek Land	79,550		15,910	15,910	15,910	15,910	15,910
TOTAL OPERATING	129,550		25,910	25,910	25,910	25,910	25,910



Capital Improvement Program 2011 - 2016

Project for the Parks Department # P1

PROJECT TITLE Park Signage

DESCRIPTION

Park facilities throughout the City of Black Diamond.

BACKGROUND

The City updated its Parks comprehensive plan and rules within the past few years. Signage has been identified as crucial to informing the public with regard to these facilities. This money will be utilized to update signage within these facilities. The focus will be on South 312th Street, Lake Sawyer Boat Launch and the Regional Park at the south end of Lake Sawyer.

CAPITAL PROJECT COSTS	Total \$ Requested	2011	2012	2013	2014	2015	2016
Capital Outlay	12,500	2,500	2,500	2,500	2,500	2,500	
TOTAL COSTS	\$12,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	
REQUESTED FUNDING	Total \$ Project	2011	2012	2013	2014	2015	2016
REET I	12,500	2,500	2,500	2,500	2,500	2,500	
TOTAL SOURCES	\$12,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	



Capital Improvement Program 2011 - 2016

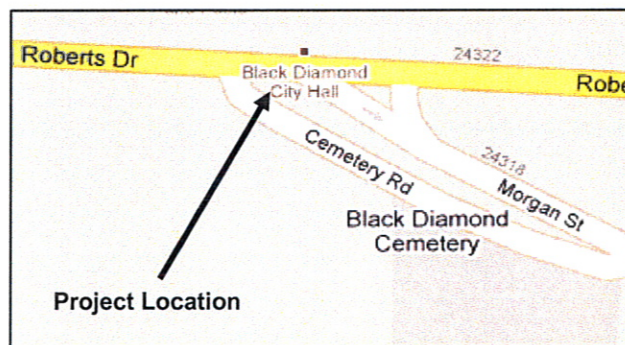
Project for the Parks Department # P2

PROJECT TITLE Union Stump Memorial Park

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

BACKGROUND Park was established at the turn of the century. Fencing was repaired in 2009, leaving formal parking to be established. This project includes design of the parking area in 2013.

	Total \$	2011	2012	2013	2014	2015	2016
CAPITAL PROJECT COSTS	Requested						
Construction Costs	20,000			20,000			
TOTAL COSTS	\$20,000			\$20,000			
REQUESTED FUNDING							
	Total \$	2011	2012	2013	2014	2015	2016
Grants	20,000			20,000			
TOTAL SOURCES	\$20,000			\$20,000			





Capital Improvement Program 2011 - 2016

Project for the Parks Department # P3

PROJECT TITLE Lake Sawyer Boat Launch Improvements

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

BACKGROUND Low-impact parking addition was completed in 2009 with the use of grants awarded by King County and the King Conservation District. A small portion of City funds were utilized in order to complete the project. 100% design will be completed by summer of 2010. Small maintenance project on the boat launch will be needed in order to ensure safe ingress and egress for boats using the lake. Major improvements scheduled for 2013.

CAPITAL PROJECT COSTS	Total \$ Requested	2011	2012	2013	2014	2015	2016
Construction Costs	768,000			768,000			
Permitting Costs	20,000		20,000				
TOTAL COSTS	\$788,000		\$20,000	\$768,000			

REQUESTED FUNDING	Total \$ Project	2011	2012	2013	2014	2015	2016
King County Grant	668,000			668,000			
Other - Grant Matching	120,000		20,000	100,000			
TOTAL SOURCES	\$788,000		\$20,000	\$768,000			





Capital Improvement Program 2011 - 2016

Project for the Parks Department # P4

PROJECT TITLE Grant Matching Funds

DESCRIPTION

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

CAPITAL PROJECT COSTS	Total \$	2011	2012	2013	2014	2015	2016
	Requested						
Transfer Reserves	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	Total \$	2011	2012	2013	2014	2015	2016
	Project						
REET I	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 Program 2011 - 2016

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

PROJECT TITLE **Trail System Development**

DESCRIPTION

Specific area of interest includes large-scale trail improvement throughout the City connecting master planned communities and downtown area.

BACKGROUND

A major focus in Black Diamond has been creating a town that is walkable and pedestrian friendly. This program will help further this focus. In 2010, a comprehensive trail plan will be completed and allow the City more flexibility in applying for grant resources.

CAPITAL PROJECT COSTS

	Total \$ Requested	2011	2012	2013	2014	2015	2016
Trail Improvements	24,000	8,000	8,000	8,000			
Construction Costs	300,000		100,000	100,000	100,000		
TOTAL COSTS	\$324,000	\$8,000	\$108,000	\$108,000	\$100,000		

REQUESTED FUNDING

	Total \$ Project	2011	2012	2013	2014	2015	2016
Grants	300,000		100,000	100,000	100,000		
King County Tax Levy	24,000	8,000	8,000	8,000			
TOTAL SOURCES	\$324,000	\$8,000	\$108,000	\$108,000	\$100,000		

NON CAPITAL OPERATING COSTS

	Total \$ Requested	2011	2012	2013	2014	2015	2016
Salaries, Benefits and Maintenance	50,000		10,000	10,000	10,000	10,000	10,000
Debt Repayment							
TOTAL OPERATING	50,000		10,000	10,000	10,000	10,000	10,000



Capital Improvement Program 2011 - 2016

Project for the

Parks

Department

P6

PROJECT TITLE

BMX Park Course

DESCRIPTION

Circuit course for BMX enthusiasts.

BACKGROUND

Expansion needed in general and in order to include the type of bicycles used at skate parks. Construction in 2016 with a State (RCO) grant.

CAPITAL PROJECT COSTS

Total \$ Requested	2011	2012	2013	2014	2015	2016
Preliminary Engineering	20,000				20,000	
Design Engineering	20,000			20,000		
Construction Costs	200,000					200,000
Permitting	10,000					10,000
TOTAL COSTS	\$250,000			\$20,000	\$20,000	\$210,000

REQUESTED FUNDING

Total \$ Project	2011	2012	2013	2014	2015	2016
Grants (RCO)	210,000					210,000
REET I	40,000			20,000	20,000	
TOTAL SOURCES	\$250,000			\$20,000	\$20,000	\$210,000





Capital Improvement Program 2011 - 2016

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

PROJECT TITLE **Lake Sawyer Regional Park**

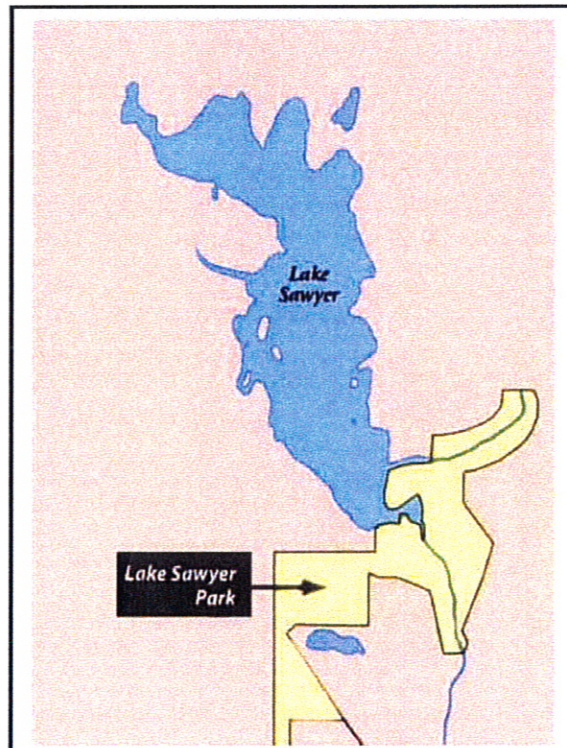
DESCRIPTION Regional facility on the south end of Lake Sawyer area.

BACKGROUND Raw land awaiting development

COMMENTS Significant development projects are slated for later years as funding sources are identified. Potential exists for the City Council to pursue impact fees in future years. In the meantime, Grants, REET and other funding sources shall be pursued. The City hopes to partner with the County and other local municipalities on regional park development. 2017 is scheduled for \$2,500,000 (Grant and county monies) to finish project.

CAPITAL PROJECT COSTS	Total \$ Requested	2011	2012	2013	2014	2015	2016
Preliminary Engineering	75,000				75,000		
Construction Engineering	250,000						250,000
Design Engineering	250,000					250,000	
Construction Costs	2,500,000						2,500,000
TOTAL COSTS	\$3,075,000				\$75,000	\$250,000	\$2,750,000

REQUESTED FUNDING	Total \$ Project	2011	2012	2013	2014	2015	2016
Grants	1,500,000						1,500,000
Impact Fees/SEPA	500,000					250,000	250,000
King County Regional Parks	1,000,000						1,000,000
Other - Grant Matching	75,000				75,000		
TOTAL SOURCES	\$3,075,000				\$75,000	\$250,000	\$2,750,000





Capital Improvement Program 2011 - 2016

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

PROJECT TITLE **Tree City USA Money Fund**

DESCRIPTION We want to become a Tree City USA.

BACKGROUND The Tree City USA® program, sponsored by the Arbor Day Foundation in cooperation with the USDA Forest Service and the National Association of State Foresters, provides direction, technical assistance, public attention, and national recognition for urban and community forestry programs in thousands of towns and cities.

COMMENTS To qualify for Tree City USA, a town or city must meet four standards established by The Arbor Day Foundation and the National Association of State Foresters. These standards were established to ensure that every qualifying community would have a viable tree management plan and program. There are four standards that a community must meet in order to achieve the Tree City USA designation. They include establishing a tree board or department, writing a Tree Care Ordinance, commit at least \$2 per capita annually the community forestry program and celebrate Arbor Day. There are many green benefits to this valuable program. The in-kind costs will be volunteer labor.

CAPITAL PROJECT COSTS	Total \$ Requested	2011	2012	2013	2014	2015	2016
Construction Costs	61,900	7,860	8,260	9,540	10,710	12,080	13,450
Capital Outlay	3,600	500	500	500	700	700	700
Permitting							
Transfer reserves							
TOTAL COSTS	\$65,500	\$8,360	\$8,760	\$10,040	\$11,410	\$12,780	\$14,150

REQUESTED FUNDING	Total \$ Project	2011	2012	2013	2014	2015	2016
REET I	3,600	500	500	500	700	700	700
In-kind and development permit fe	61,900	7,860	8,260	9,540	10,710	12,080	13,450
TOTAL SOURCES	\$65,500	\$8,360	\$8,760	\$10,040	\$11,410	\$12,780	\$14,150

Population at \$2 per Capita	4,180	4,380	5,020	5,705	6,390	7,075
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Capital Improvement Program 2011 - 2016

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

PROJECT TITLE **Ginder Creek Acquisition**

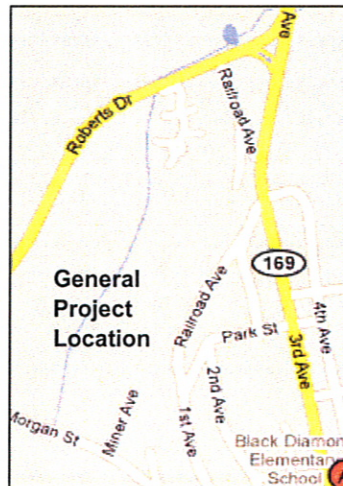
DESCRIPTION

Property acquisition to ensure connectivity Ginder Creek Property.

BACKGROUND

King County Conservation Futures has earmarked \$175,000 for Jones Lake but we can request it be transferred to the Ginder Creek Land Project.

CAPITAL PROJECT COSTS	Total \$ Requested	2011	2012	2013	2014	2015	2016
Land/Right of Way	300,000	300,000					
TOTAL COSTS	\$300,000	\$300,000					
REQUESTED FUNDING	Total \$ Project	2011	2012	2013	2014	2015	2016
Grants	175,000	175,000					
Loan Program (10 year)	125,000	125,000					
TOTAL SOURCES	\$300,000	\$300,000					
NON CAPITAL OPERATING COSTS	Total \$ Requested	2011	2012	2013	2014	2015	2016
Salaries, Benefits and Maintenance							
10 Year 5% Loan Repay REET I	79,550		15,910	15,910	15,910	15,910	15,910
TOTAL OPERATING	79,550		15,910	15,910	15,910	15,910	15,910





Capital Improvement Program 2011 - 2016

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

PROJECT TITLE **Jones Lake Acquisition**

DESCRIPTION

Private property surrounding Jones Lake complex.

BACKGROUND

The City of Black Diamond has a strong interest in maintaining the open space that currently exists around Jones Lake. This fund will help the City acquire this property for future generations to enjoy.

CAPITAL PROJECT COSTS

	Total \$ Requested	2011	2012	2013	2014	2015	2016
Land/Right of Way	400,000			400,000			
TOTAL COSTS	\$400,000			\$400,000			

REQUESTED FUNDING

	Total \$ Project	2011	2012	2013	2014	2015	2016
Grants	200,000			200,000			
Impact Fees	200,000			200,000			
TOTAL SOURCES	\$400,000			\$400,000			

NON CAPITAL OPERATING COSTS

Salaries, Benefits and Maintenance

Debt Repayment

TOTAL OPERATING

	Total \$ Requested	2011	2012	2013	2014	2015	2016



City of Black Diamond

Public Works Projects



Capital Improvement Program 2011 - 2016

CIP Public Works Summary

Capital Improvement Program 2011 - 2016

Sources	Total \$ Project	2011	2012	2013	2014	2015	2016
1 Grants	9,718,000	10,000	660,000		435,000	1,160,000	7,453,000
2 Street Impact, SEPA, Developer Funded	8,115,000			450,000	1,420,000	1,745,000	4,500,000
3 Wastewater Connection Fees/Reserves	3,075,000	182,500	185,000	200,000	260,000	695,000	1,552,500
4 WSSFA	2,080,000	140,000	1,140,000			800,000	
5 Real Estate Excise Taxes II	1,045,000	120,000	140,000	80,000	365,000	250,000	90,000
6 Stormwater Reserves	205,000	2,500	45,000	50,000	10,000		97,500
7 Wastewater Utility Funding	300,000		50,000	50,000	50,000	75,000	75,000
8 Grant Matching	300,000			100,000			200,000
9 Street Fund	205,000	2,500	35,000	30,000	75,000	30,000	32,500
10 Interfund Loan	200,000	100,000	100,000				
11 Water Connection Fees/Reserves	45,000	2,500	5,000		10,000	25,000	2,500
Total Public Works Capital Funding	25,288,000	560,000	2,360,000	960,000	2,625,000	4,780,000	14,003,000
Uses	Total \$ Project	2011	2012	2013	2014	2015	2016
T1 General Street Improvement	150,000		30,000	30,000	30,000	30,000	30,000
T2 Lawson Street & Newcastle Dr Intersection Repair	80,000	80,000					
T3 Jones Lk. Road Regrading and Paving	160,000				160,000		
T4 Roberts Drive Sidewalk link to Morgan St	953,000					120,000	833,000
T5 SE 288th Street Overlay	230,000		230,000				
T6 SR-169 Widening Lawson & Baker St Intersection	1,550,000					350,000	1,200,000
T7 Roberts Drive Reconstruction	5,650,000			100,000	200,000	350,000	5,000,000
T8 Pacific Street Neighborhood Improvements	520,000				70,000	450,000	
T9 Intersection Improvements in Morganville	100,000			40,000	60,000		
T10 Grant Matching Fund	270,000	40,000	40,000	40,000	50,000	50,000	50,000
T11 SR 169 Gateway Corridor Improvement	5,700,000				200,000	300,000	5,200,000
T12 Roberts Drive/State Rt 169 Roundabout	2,230,000			450,000	220,000	1,560,000	
W1 Springs Transmission Main Replacement Phase 1	800,000					800,000	
W2 Springs & River Crossing Rehab. Project	1,780,000	140,000	1,640,000				
W3 Meter Replacement Program	200,000	100,000	100,000				
W4 Fire Flow Loop to N. Commerical Area	800,000				800,000		
W5 Public Works Facilities Design/Eng	30,000	10,000	20,000				
S1 Infiltration and Inflow Reduction Program	1,750,000	100,000	150,000	250,000	250,000	500,000	500,000
S2 Replace Old Lawson Lift Station	50,000	50,000					
S3 Cedarbrook Sewer Main	90,000						90,000
S4 West Black Diamond Wastewater Lift Station	400,000				50,000	250,000	100,000
S5 Morganville Wastewater Lift Station Improvement	110,000	30,000	80,000				
S6 Morganville Force Main Reroute	1,000,000					20,000	980,000
S7 South Black Diamond Wastewater Trunk Extension	0						
D1 Public Works Yard Improvements	115,000	10,000			85,000		20,000
D2 Ginder Creek Stormwater Treatment Pond	250,000			50,000	200,000		
D3 Lake Sawyer Road Culvert and Guardrail	320,000		70,000		250,000		
Total Uses Public Works Projects	25,288,000	560,000	2,360,000	960,000	2,625,000	4,780,000	14,003,000

Project Breakdown by Type of Funding		Total \$ Project	2011	2012	2013	2014	2015	2016
Grants								
T3	Jones Lk. Road Regrading and Paving	130,000				130,000		
T4	Roberts Drive Sidewalk link to Morgan St	803,000						803,000
T5	SE 288th Street Overlay	160,000		160,000				
T7	Roberts Drive Reconstruction	4,150,000						4,150,000
T11	SR 169 Gateway Corridor Improvement	2,500,000						2,500,000
T12	Roberts Drive/State Rt 169 Roundabout	1,160,000				1,160,000		
W2	Springs & River Crossing Rehab. Project	500,000		500,000				
D1	Public Works Yard Improvements	55,000	10,000			55,000		
D3	Lake Sawyer Road Culvert and Guardrail	250,000				250,000		
Total Grants		9,708,000	10,000	660,000		435,000	1,160,000	7,453,000
Street Impact, SEPA, Developer								
D2	Ginder Creek Stormwater Treatment Pond	200,000				200,000		
T6	SR-169 Widening Lawson & Baker St Intersection	1,550,000				350,000		1,200,000
T7	Roberts Drive Reconstruction	900,000				300,000		600,000
T8	Pacific Street Neighborhood Improvements	395,000				395,000		
T11	SR 169 Gateway Corridor Improvement	3,200,000				200,000	300,000	2,700,000
T12	Roberts Drive/State Rt 169 Roundabout	1,070,000			450,000	220,000	400,000	
W4	Fire Flow Loop to N. Commerical Area	800,000				800,000		
Total Street Impact or SEPA Fees		8,115,000			450,000	1,420,000	1,745,000	4,500,000
Wastewater Connection Fees/Reserves								
D1	Public Works Yard Improvements	12,500				10,000		2,500
S1	Infiltration and Inflow Reduction Program	1,450,000	100,000	100,000	200,000	200,000	425,000	425,000
S2	Replace Old Lawson Lift Station	50,000	50,000					
S3	Preserving Wastewater Treatment Plant for Future Use	45,000						45,000
S4	West Black Diamond Wastewater Lift Station	400,000				50,000	250,000	100,000
S5	Morganville Wastewater Lift Station Improvement	110,000	30,000	80,000				
S6	Morganville Force Main Reroute	1,000,000					20,000	980,000
W5	Public Works Facilities Design/Eng	7,500	2,500	5,000				
Total Wastewater Connection Fees/Reserves		3,075,000	182,500	185,000	200,000	260,000	695,000	1,552,500
WSFFA								
W1	Springs Transmission Main Replacement Phase 1	800,000					800,000	
W2	Springs & River Crossing Rehab. Project	1,280,000	140,000	1,140,000				
Total WSFFA		2,080,000	140,000	1,140,000			800,000	
REET II Funding								
T2	Lawson St and Newcastle inter. Repair	80,000	80,000					
T3	Jones Lk. Road Regrading and Paving	30,000				30,000		
T4	Roberts Drive Sidewalk link to Morgan St	150,000					120,000	30,000
T5	SE 288th Street Overlay	70,000		70,000				

Project Breakdown by Types of Funding		Total \$ Project	2011	2012	2013	2014	2015	2016
REET II Funding, cont.								
T7 Roberts Drive Reconstruction	205,000					155,000	50,000	
T8 Pacific Street Neighborhood Improvements	100,000					70,000	30,000	
T9 Intersection Improvements in Morganville	100,000				40,000	60,000		
T10 Grant Matching Fund	270,000	40,000	40,000	40,000	50,000	50,000		50,000
D1 Public Works Yard Improvements	10,000							10,000
D3 Lake Sawyer Road Culvert and Guardrail	30,000			30,000				
Total REET II Funding	1,045,000	120,000	140,000	80,000	365,000	250,000	90,000	
Stormwater Connection Fees/Reserves								
W5 Public Works Facilities Design/Eng	7,500	2,500	5,000					
S3 Cedarbrook Sewer Main	45,000							45,000
D1 Public Works Yard Improvements	12,500					10,000		2,500
D2 Ginder Creek Stormwater Treatment Pond	50,000			50,000				
D3 Lake Sawyer Road Culvert and Guardrail	40,000		40,000					
T7 Roberts Drive Reconstruction	50,000							50,000
Total Stormwater Connection Fees/Reserves	205,000	2,500	45,000	50,000	10,000			97,500
Wastewater Utility Funding								
S1 Infiltration and Inflow Reduction Program	300,000		50,000	50,000	50,000	75,000		75,000
Total Wastewater Utility Funding	300,000		50,000	50,000	50,000	75,000		75,000
Grant Matching								
T7 Roberts Drive Reconstruction	300,000			100,000				200,000
Total Grant Matching	300,000			100,000				200,000
Street Fund								
D1 Public Works Yard Improvements	2,500							2,500
W5 Public Works Facilities Design/Eng	7,500	2,500	5,000					
T1 General Street Improvement	150,000		30,000	30,000	30,000	30,000		30,000
T7 Roberts Drive Reconstruction	45,000				45,000			
Total Street Fund Funding	205,000	2,500	35,000	30,000	75,000	30,000		32,500
Interfund Loan								
W3 Meter Replacement Program	200,000	100,000	100,000					
Total Interfund Loan	200,000	100,000	100,000					
Water Connection Fees/Reserves								
W5 Public Works Facilities Design/Eng	7,500	2,500	5,000					
T8 Pacific Street Neighborhood Improvements	25,000						25,000	
D1 Public Works Yard Improvements	12,500					10,000		2,500
Total Water Connection Fees/Reserves	45,000	2,500	5,000			10,000	25,000	2,500
Total Public Works Funding	25,278,000	560,000	2,360,000	960,000	2,625,000	4,780,000	14,003,000	



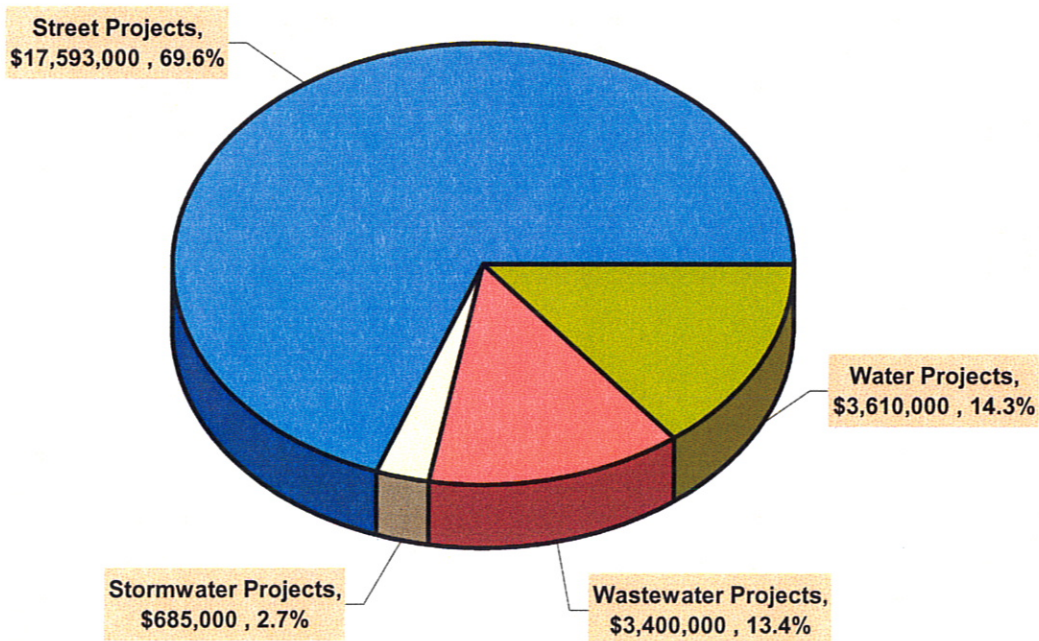
Public Works Department Summary

Capital Improvement Program 2011 - 2016

Departments	Total \$ Project	2011	2012	2013	2014	2015	2016
Street Projects	17,593,000	120,000	300,000	660,000	990,000	3,210,000	12,313,000
Water Projects	3,610,000	250,000	1,760,000		800,000	800,000	
Wastewater Projects	3,400,000	180,000	230,000	250,000	300,000	770,000	1,670,000
Stormwater Projects	685,000	10,000	70,000	50,000	535,000		20,000
TOTAL Project COSTS	\$25,288,000	\$560,000	\$2,360,000	\$960,000	\$2,625,000	\$4,780,000	\$14,003,000

Public Works CIP by Department

Total: \$25,288,000





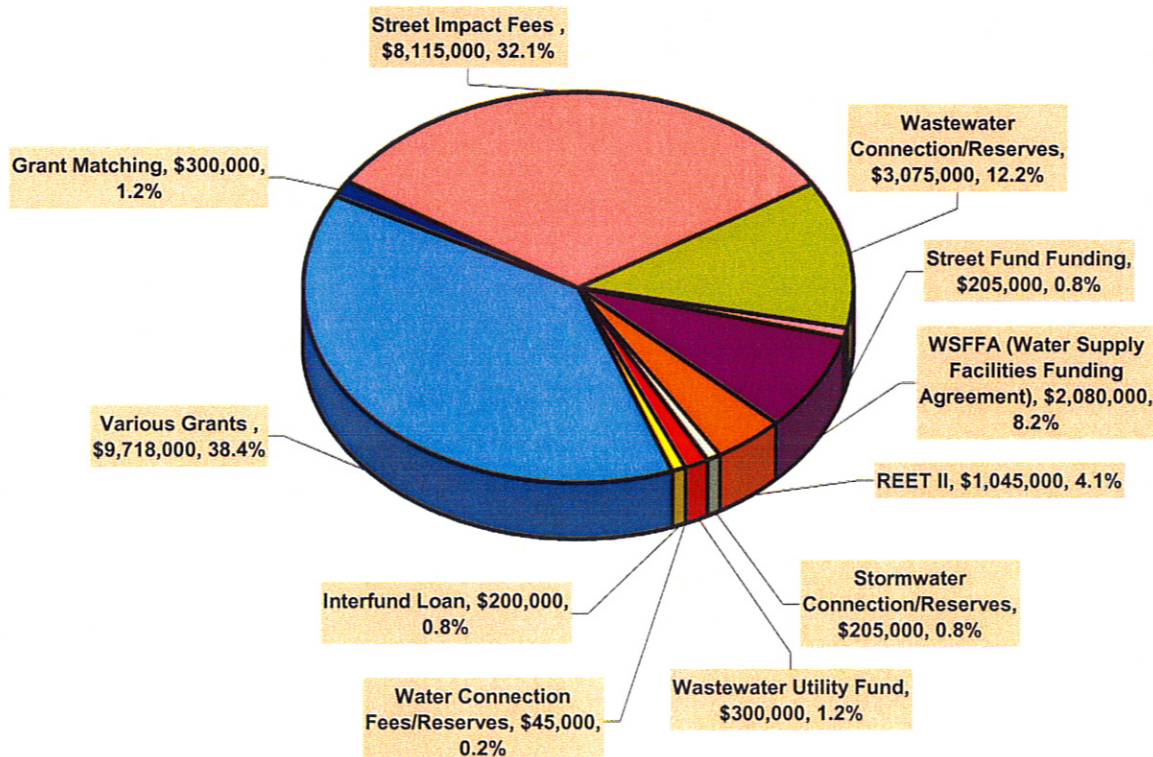
CIP Public Works Revenue Summary

Capital Improvement Program 2011 - 2016

REQUESTED FUNDING

	Total \$ Project	2011	2012	2013	2014	2015	2016
Various Grants	9,718,000	10,000	660,000		435,000	1,160,000	7,453,000
Street Impact Fees	8,115,000			450,000	1,420,000	1,745,000	4,500,000
Wastewater Connection/Reserves	3,075,000	182,500	185,000	200,000	260,000	695,000	1,552,500
WSFFA (Water Supply Facilities Funding Agreement)	2,080,000	140,000	1,140,000			800,000	
REET 2	1,045,000	120,000	140,000	80,000	365,000	250,000	90,000
Stormwater Connection/Reserves	205,000	2,500	45,000	50,000	10,000		97,500
Wastewater Utility Fund	300,000		50,000	50,000	50,000	75,000	75,000
Grant Matching	300,000			100,000			200,000
Street Fund Funding	205,000	2,500	35,000	30,000	75,000	30,000	32,500
Interfund Loan	200,000	100,000	100,000				
Water Connection Fees/Reserves	45,000	2,500	5,000		10,000	25,000	2,500
TOTAL SOURCES	\$25,288,000	\$560,000	\$2,360,000	\$960,000	\$2,625,000	\$4,780,000	\$14,003,000

Public Works CIP by Type of Funding Total: \$25,288,000



Non Capital Operating Costs

	Total \$ Requested	2011	2012	2013	2014	2015	2016
Maint. Costs Infil/WBD Sewer Main	120,000	20,000	20,000	20,000	20,000	20,000	20,000
Maintenance Roberts Drive	30,000				10,000	10,000	10,000
Interfund Debt Repay Water Meters	200,000	40,000	40,000	40,000	40,000	40,000	
Total Operating Public Works	350,000	60,000	60,000	60,000	70,000	70,000	30,000



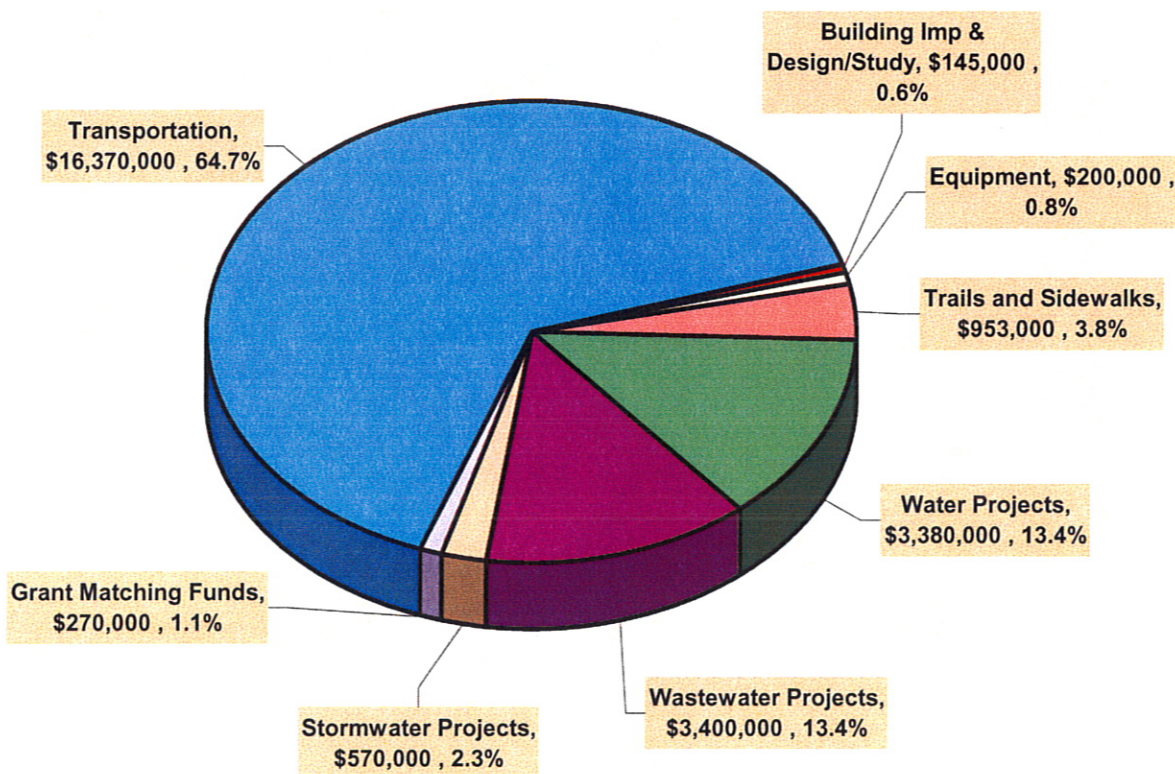
Public Works Summary

Capital Improvement Program 2011 - 2016

EXPENSES

CAPITAL PROJECTS	Total \$ Requested	2011	2012	2013	2014	2015	2016
Transportation	16,370,000	80,000	260,000	620,000	940,000	3,040,000	11,430,000
Building Imp & Design/Study	145,000	20,000	20,000		85,000		20,000
Equipment (water meters)	200,000	100,000	100,000				
Trails and Sidewalks	953,000					120,000	833,000
Water Projects	3,380,000	140,000	1,640,000		800,000	800,000	
Wastewater Projects	3,400,000	180,000	230,000	250,000	300,000	770,000	1,670,000
Stormwater Projects	570,000		70,000	50,000	450,000		
Grant Matching Funds	270,000	40,000	40,000	40,000	50,000	50,000	50,000
TOTAL COSTS	\$25,288,000	\$560,000	\$2,360,000	\$960,000	\$2,625,000	\$4,780,000	\$14,003,000

Public Works Projects Summary: \$25,288,000





REET II ANALYSIS SUMMARY (Fund 320)

Capital Improvement Program 2011 - 2016

Key to Projects in the CIP:
 A = Administration
 T = Street
 S = Wastewater
 D = Stormwater
 W = Water

Real Estate Excise Tax Analysis

REET II - REVENUE ANALYSIS

	Info Only 2010	2011-2016 Summary Total	2011	2012	2013	2014	2015	2016
Beginning Fund Balance	819,237		535,537	376,537	208,037	331,037	221,037	226,037
1/4 of 1% REET	30,000		30,000	50,000	200,000	250,000	250,000	250,000
Interest	9,800		1,000	1,500	3,000	5,000	5,000	5,000
Carryover Beginning Fund Balance								
Transfer out to Gen Fund Capital Projects			(70,000)	(80,000)				
Available Balance	859,037		496,537	348,037	411,037	586,037	476,037	481,037
REET II Projects								
Street Projects								
T2 Lawson St and Newcastle inter. Repair		80,000	80,000					
T3 Jones Lk. Road Regrading and Paving		30,000				30,000		
T4 Roberts Drive Sidewalk link to Morgan St		150,000					120,000	30,000
T5 SE 288th Street Overlay		70,000		70,000				
T7 Roberts Drive Reconstruction		205,000				155,000	50,000	
T8 Pacific Street Neighborhood Improvements		100,000				70,000	30,000	
T9 Intersection Improvements in Morganville		100,000			40,000	60,000		
T10 Grant Matching Fund		270,000	40,000	40,000	40,000	50,000	50,000	50,000
Impact Fee Study	80,000							
Railroad Ave Project	162,100							
Morgan Street Sidewalk Ext	46,400							
232nd Ave SE Repair and Overlay	35,000							
Subtotal		1,005,000	120,000	110,000	80,000	365,000	250,000	80,000
Stormwater Projects								
D1 Public Works Yard Improvements		10,000						10,000
D3 Lake Sawyer Road Culvert and Guardrail		30,000		30,000				
Subtotal		40,000		30,000				10,000
Total REET II Projects	323,500	1,045,000	120,000	140,000	80,000	365,000	250,000	90,000
Ending Fund Balance	535,537		376,537	208,037	331,037	221,037	226,037	391,037

REET monies based on Houses sold at \$

* 80 @250K 266 @300K 285 @350K 285 @350K 285 @350K

* May also include commercial development, land sales or resale of property



Public Works REET II Summary

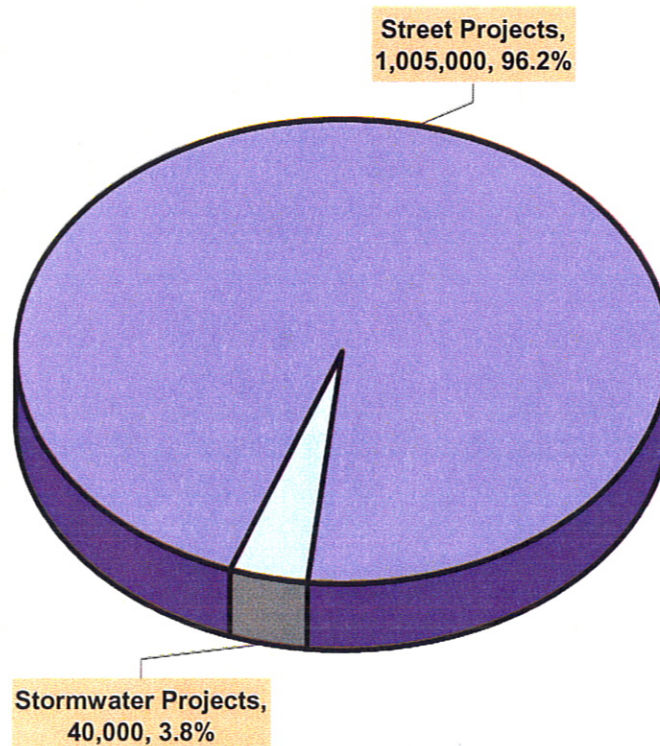
Capital Improvement Program 2011 - 2016

REET: Real Estate Excise Tax

REET II

Requested Funding	Total \$ Requested	2011	2012	2013	2014	2015	2016
Street Projects	1,005,000	120,000	110,000	80,000	365,000	250,000	80,000
Stormwater Projects	40,000		30,000				10,000
TOTAL COSTS	\$1,045,000	\$120,000	\$140,000	\$80,000	\$365,000	\$250,000	\$90,000

Total REET II: \$1,045,000



Street and Transportation Projects



Street Department (Transportation Projects)

Capital Improvement Program 2011 - 2016

Expenditure Summary by Project

Project Name	Total \$ Requested	2011	2012	2013	2014	2015	2016
T1 General Street Improvement	150,000		30,000	30,000	30,000	30,000	30,000
T2 Lawson Street & Newcastle Dr Intersection Repair	80,000	80,000					
T3 Jones Lk. Road Regrading and Paving	160,000				160,000		
T4 Roberts Drive Sidewalk link to Morgan St	953,000					120,000	833,000
T5 SE 288th Street Overlay	230,000		230,000				
T6 SR-169 Widening Lawson & Baker St Intersection	1,550,000					350,000	1,200,000
T7 Roberts Drive Reconstruction	5,650,000			100,000	200,000	350,000	5,000,000
T8 Pacific Street Neighborhood Improvements	520,000				70,000	450,000	
T9 Intersection Improvements in Morganville	100,000			40,000	60,000		
T10 Grant Matching Fund	270,000	40,000	40,000	40,000	50,000	50,000	50,000
T11 SR 169 Gateway Corridor Improvement	5,700,000				200,000	300,000	5,200,000
T12 Roberts Drive/State Rt 169 Roundabout	2,230,000			450,000	220,000	1,560,000	
TOTAL EXPENDITURES	17,593,000	120,000	300,000	660,000	990,000	3,210,000	12,313,000

Funding Sources

	Total \$ Project	2011	2012	2013	2014	2015	2016
Transportation Improvement Board Grants							
T3 Jones Lk. Road Regrading and Paving	130,000				130,000		
T4 Roberts Drive Sidewalk link to Morgan St	803,000						803,000
T5 SE 288th Street Overlay	160,000		160,000				
T7 Roberts Drive Reconstruction	4,150,000						4,150,000
T11 SR 169 Gateway Corridor Improvement	2,500,000						2,500,000
T12 Roberts Drive/State Rt 169 Roundabout	1,160,000					1,160,000	
Total TIB Grants	8,903,000		160,000		130,000	1,160,000	7,453,000
Water Connection Fees/Reserves							
T8 Pacific Street Neighborhood Improvements	25,000					25,000	
Total Stormwater Connection/Reserves Funding	25,000					25,000	
Stormwater Connection Fees/Reserves							
T7 Roberts Drive Reconstruction	50,000						50,000
Total Stormwater Connection/Reserves Funding	50,000						50,000
Street Fund Funding							
T1 General Street Improvement	150,000		30,000	30,000	30,000	30,000	30,000
T7 Roberts Drive Reconstruction	45,000				45,000		
Total Street Fund Funding	195,000		30,000	30,000	75,000	30,000	30,000

Street Department (Transportation Projects)

Capital Improvement Program 2011 - 2016

Funding Sources, cont.

	Total \$ Project	2011	2012	2013	2014	2015	2016
Developer Funded/Impact Fees/SEPA							
T6 SR-169 Widening Lawson & Baker St Intersection	1,550,000					350,000	1,200,000
T7 Roberts Drive Reconstruction	900,000					300,000	600,000
T8 Pacific Street Neighborhood Improvements	395,000					395,000	
T11 SR 169 Gateway Corridor Improvement	3,200,000				200,000	300,000	2,700,000
T12 Roberts Drive/State Rt 169 Roundabout	1,070,000			450,000	220,000	400,000	
Total Developer/Impact/SEPA Funding	7,115,000			450,000	420,000	1,745,000	4,500,000
Real Estate Excise Tax II Funding							
T2 Lawson Street & Newcastle Dr Intersection Repair	80,000	80,000					
T3 Jones Lk. Road Regrading and Paving	30,000				30,000		
T4 Roberts Drive Sidewalk link to Morgan St	150,000					120,000	30,000
T5 SE 288th Street Overlay	70,000		70,000				
T7 Roberts Drive Reconstruction	205,000				155,000	50,000	
T8 Pacific Street Neighborhood Improvements	100,000				70,000	30,000	
T9 Intersection Improvements in Morganville	100,000			40,000	60,000		
T10 Grant Matching Fund	270,000	40,000	40,000	40,000	50,000	50,000	50,000
Total REET II Funding	1,005,000	120,000	110,000	80,000	365,000	250,000	80,000
Grant Matching Fund							
T10 Grant Matching Fund	300,000			100,000			200,000
Total Grant Matching Fund	300,000			100,000			200,000
Total Street Projects	17,593,000	120,000	300,000	660,000	990,000	3,210,000	12,313,000



**Railroad Avenue
Reconstruction 2010**



Capital Improvement Program 2011 - 2016

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

PROJECT TITLE **General Street Improvement**

DESCRIPTION

Annually the Public Works staff assesses the street system and selects key street preservation work. Typical activities under this project are chip sealing, crack sealing, patch work and addressing minor safety problems.

BACKGROUND

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

COMMENTS

The carryover from the prior year is \$46,974 in 2010.

CAPITAL PROJECT COSTS	Total \$ Requested	2011	2012	2013	2014	2015	2016
Construction Costs	150,000		30,000	30,000	30,000	30,000	30,000
TOTAL COSTS	150,000		\$30,000	\$30,000	\$30,000	\$30,000	\$30,000

REQUESTED FUNDING	Total \$ Project	2011	2012	2013	2014	2015	2016
Street Funds	150,000		30,000	30,000	30,000	30,000	30,000
TOTAL SOURCES	\$150,000		\$30,000	\$30,000	\$30,000	\$30,000	\$30,000



Black Diamond Public Works Crew



Capital Improvement Program 2011 - 2016

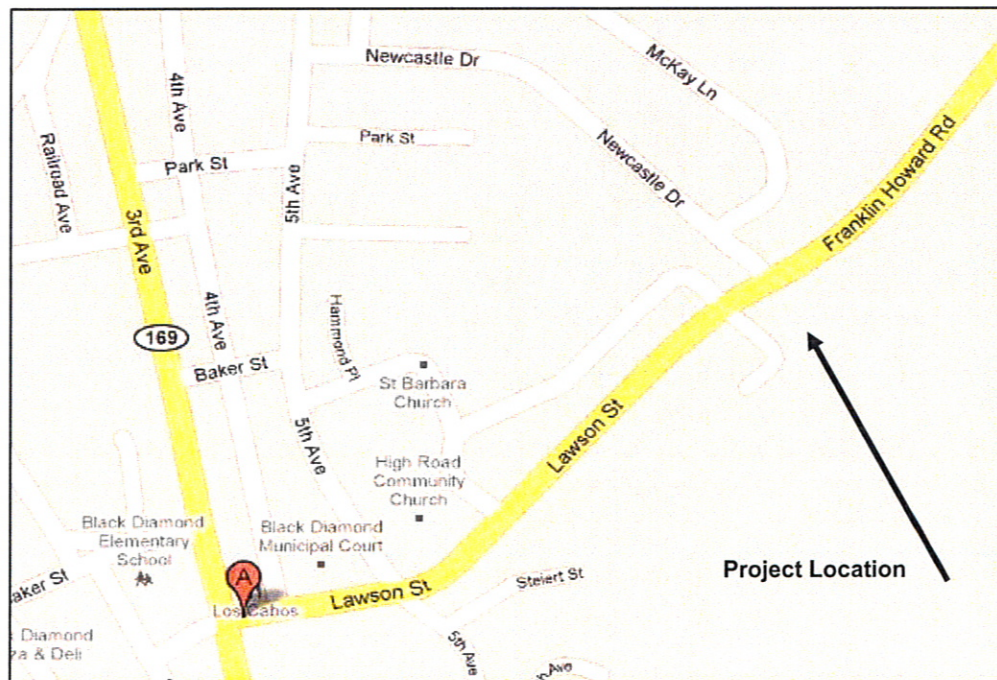
Project for the	Street	Department	# T2
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PROJECT TITLE Lawson Street & Newcastle Dr Intersection Repair

DESCRIPTION Repair the subgrade and overlay existing intersection.

BACKGROUND The shoulders of the road have sunk and some roadway patches have failed. The road base needs to be established in several locations and portions of the road reconstructed. Investigation in 2009 showed that complete intersection improvement will be approximately 80,000.

CAPITAL PROJECT COSTS	Total \$ Requested	2011	2012	2013	2014	2015	2016
	Construction Costs	80,000	80,000				
TOTAL COSTS	80,000	\$80,000					
REQUESTED FUNDING	Total \$ Project	2011	2012	2013	2014	2015	2016
	Real Estate Excise Tax II	80,000	80,000				
TOTAL SOURCES	\$80,000	\$80,000					





Capital Improvement Program 2011 - 2016

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

PROJECT TITLE **Jones Lk. Road Regrading and Paving**

DESCRIPTION

The existing asphalt is deteriorating and must be replaced soon. The existing asphalt must be ground up and the road regraded.

BACKGROUND

The design, specifications and bid documents have been completed with the RR Ave project. The intersection improvements at SR 169 will be accomplished by the Lawson Hills Developer when needed.

COMMENTS

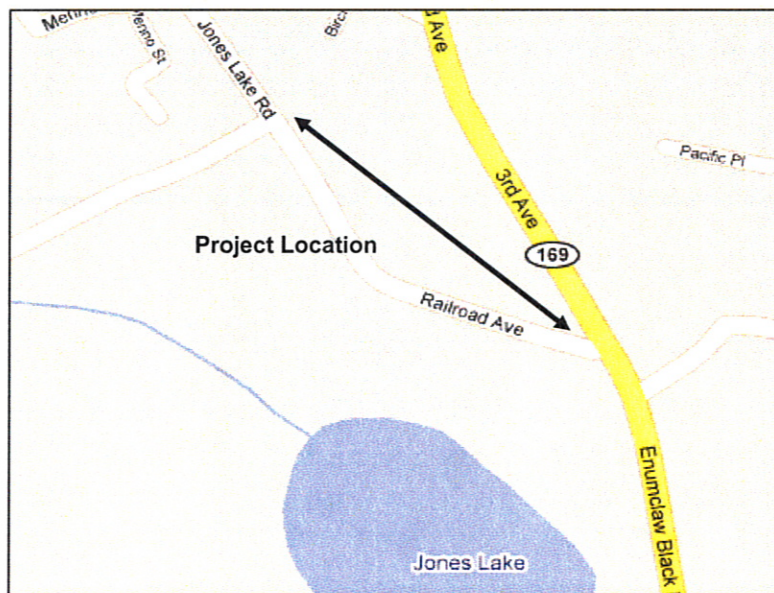
If grant funding is received, this project will be moved up in priority. Grant funding may be difficult as the existing pavement cannot be overlayed so it will not qualify as a preservation project. Typical TIB project require full level improvements including sidewalk curb and gutter.

CAPITAL PROJECT COSTS

	Total \$ Requested	2011	2012	2013	2014	2015	2016
Construction Engineering	10,000				10,000		
Construction Costs	150,000				150,000		
TOTAL COSTS	160,000				\$160,000		

REQUESTED FUNDING

	Total \$ Project	2011	2012	2013	2014	2015	2016
Grants	130,000				130,000		
Real Estate Excise Tax II	30,000				30,000		
TOTAL SOURCES	160,000				\$160,000		





Capital Improvement Program 2011 - 2016

Project for the	Street	Department	# T4
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PROJECT TITLE Roberts Drive Sidewalk link to Morgan St

DESCRIPTION

Install a new pedestrian sidewalk and 1/2 street improvements from the Library to Morgan Street. The scope of work would include sidewalk, curb, gutter and a depressed landscape strip with vegetation to treat and infiltrate stormwater.

BACKGROUND

This project is part of fulfilling a portion of the comprehensive pedestrian plan.

COMMENTS

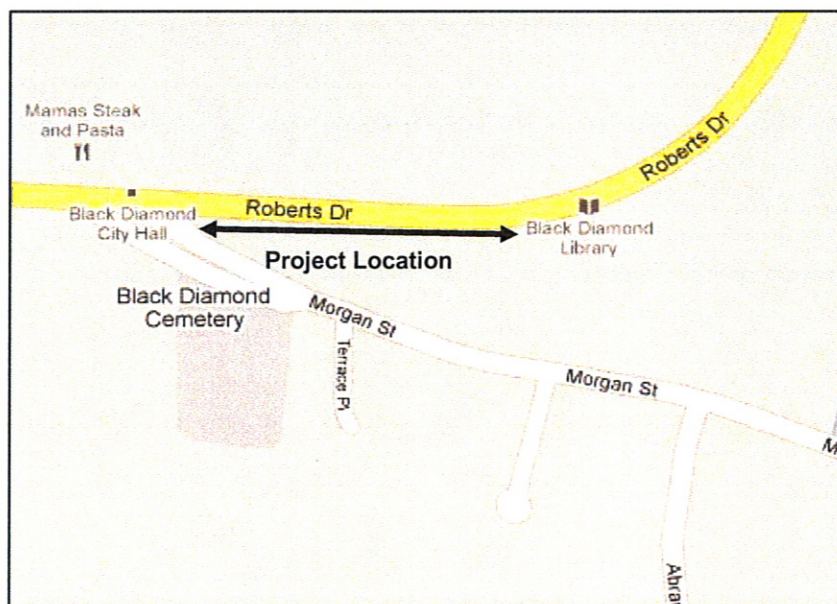
The length of the project was reduced to closer fit the amount of money that is available for sidewalk projects. The strategy here was to complete the engineering and permitting with city funds to attract grant funding with a "shovel ready" project. However, this project could be delayed.

CAPITAL PROJECT COSTS

	Total \$ Requested	2011	2012	2013	2014	2015	2016
Land/Right of Way	20,000					20,000	
Design Engineering	175,000					100,000	75,000
Construction Costs	758,000						758,000
TOTAL COSTS	\$953,000					\$120,000	\$833,000

REQUESTED FUNDING

	Total \$ Project	2011	2012	2013	2014	2015	2016
Grants	803,000						803,000
Real Estate Excise Tax II	150,000					120,000	30,000
TOTAL SOURCES	\$953,000					\$120,000	\$833,000



Capital Improvement Program 2011 - 2016

Project for the	Street	Department	# T5
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PROJECT TITLE	SE 288th Street Overlay
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DESCRIPTION	Patch and overlay the existing roadway from 236th Ave SE to 216th Ave SE.
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BACKGROUND The City will not be able to take advantage of the TIB grant program once the City grows over 5,000 in population. This project suggests leveraging more than \$100,000.

COMMENTS	Preparatory patching will be needed before overlay. Delaying the project one year.
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	Total \$						
<i>CAPITAL PROJECT COSTS</i>	Requested	2011	2012	2013	2014	2015	2016
Construction Engineering	10,000		10,000				
Construction Costs	220,000		220,000				
<i>TOTAL COSTS</i>	\$230,000		\$230,000				

REQUESTED FUNDING	Total \$ Project	2011	2012	2013	2014	2015	2016
Grants TIB	160,000		160,000				
Real Estate Excise Tax II	70,000		70,000				
TOTAL SOURCES	\$230,000		\$230,000				





Capital Improvement Program 2011 - 2016

Project for the Street Department # T6

PROJECT TITLE SR-169 Widening Lawson & Baker St Intersection

DESCRIPTION

The left hand turn lanes are needed on 169 and on the approaching streets. 900 feet of SR-169 widening and channelization is needed. 200 feet of widening and channelization is needed on Lawson and Baker Street.

BACKGROUND

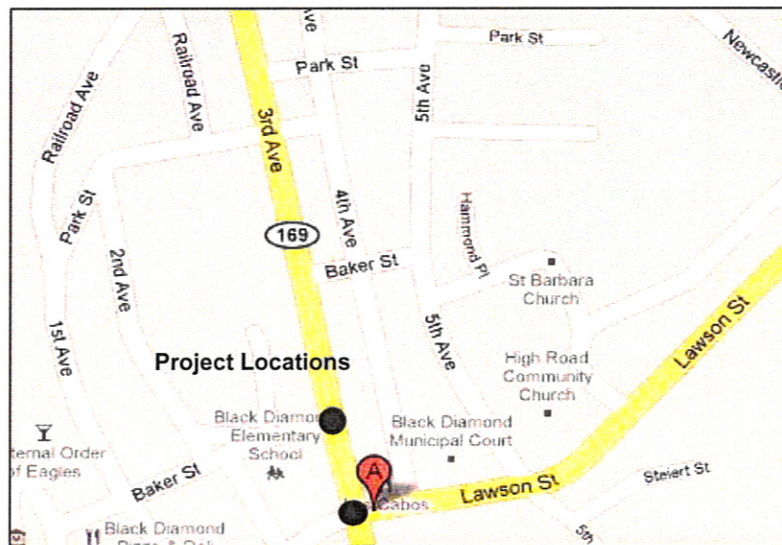
This is a capacity adding project funded through the State Environmental Policy Act and potentially traffic impact fees.

CAPITAL PROJECT COSTS

	Total \$ Requested	2011	2012	2013	2014	2015	2016
Land/Right of Way	200,000					200,000	
Design Engineering	150,000					150,000	
Construction Costs	1,200,000						1,200,000
TOTAL COSTS	\$1,550,000					\$350,000	\$1,200,000

REQUESTED FUNDING

	Total \$ Project	2011	2012	2013	2014	2015	2016
Developer/Impact Fees/SEPA	1,550,000					350,000	1,200,000
TOTAL SOURCES	\$1,550,000					\$350,000	\$1,200,000





Capital Improvement Program 2011 - 2016

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

PROJECT TITLE Roberts Drive Reconstruction

DESCRIPTION

Overlay existing roadway, address reflective cracking, widen to standard, install utilities as needed for future needs from SR 169 to the Rock Creek Bridge. The project will probably be built in phases.

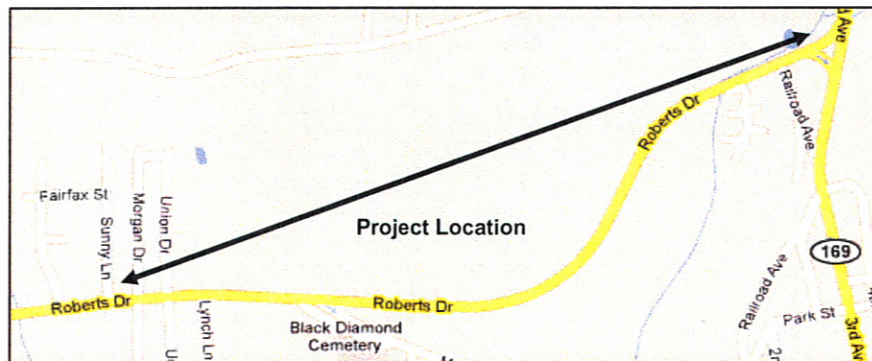
BACKGROUND

With many small subdivisions and businesses with direct access to Roberts Drive the roadway will need to be widened to accommodate a left hand turn lane so that flow through traffic is not impeded. The concrete panels continue to shift and break causing rough roadway conditions and maintenance costs.

COMMENTS

The preliminary corridor study is needed early on to determine where the north south connector will be located, settle on a road section, resolve the stormwater solutions, process through NEPA (National Environmental Policy Act) and SEPA (State Environmental Policy Act), resolve the concrete panel fix, so the project can be prepared for grant funding. This project is being delayed for two years to assist with REET (real estate excise tax) cash flow.

CAPITAL PROJECT COSTS	Total \$ Requested	2011	2012	2013	2014	2015	2016
Land/Right of Way	200,000				200,000		
Preliminary Engineering	100,000			100,000			
Construction Engineering	50,000						50,000
Design Engineering	350,000					350,000	
Construction Costs	4,950,000						4,950,000
TOTAL COSTS	\$5,650,000			\$100,000	\$200,000	\$350,000	\$5,000,000
REQUESTED FUNDING	Total \$ Project	2011	2012	2013	2014	2015	2016
Grants	4,150,000						4,150,000
Stormwater Connection/Reserves	50,000						50,000
Street Funds	45,000				45,000		
Developer/Impact Fees/SEPA	900,000					300,000	600,000
Real Estate Excise Tax II	205,000				155,000	50,000	
Grant Matching Funds	300,000			100,000			200,000
TOTAL SOURCES	\$5,650,000			\$100,000	\$200,000	\$350,000	\$5,000,000
NON CAPITAL OPERATING COSTS	Total \$ Requested	2011	2012	2013	2014	2015	2016
Salaries, Benefits and Maint.	30,000				10,000	10,000	10,000
TOTAL OPERATING	30,000				10,000	10,000	10,000





Capital Improvement Program 2011 - 2016

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

PROJECT TITLE **Pacific Street Neighborhood Improvements**

DESCRIPTION

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

BACKGROUND

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

COMMENTS

There are outstanding obligations from some past development that may affect the project limits or schedule. Various infrastructure improvements are needed in this area as well.

CAPITAL PROJECT COSTS

Design Engineering

Total \$ Requested	2011	2012	2013	2014	2015	2016
70,000				70,000		
450,000					450,000	
520,000				\$70,000	\$450,000	

Construction Costs

TOTAL COSTS

REQUESTED FUNDING

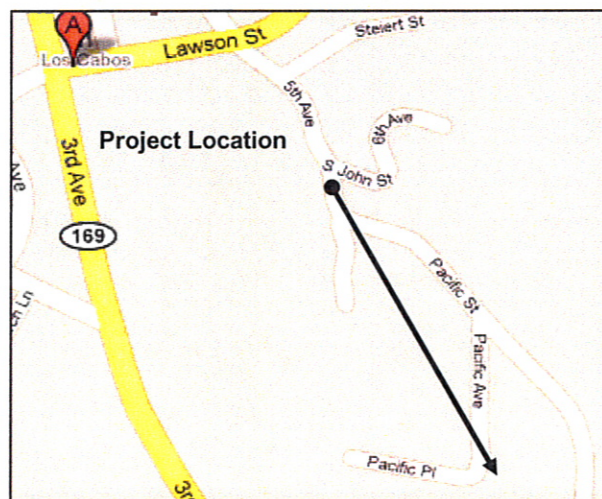
Water Connection/Reserves

Total \$ Project	2011	2012	2013	2014	2015	2016
25,000					25,000	
395,000					395,000	
100,000				70,000	30,000	
\$520,000				\$70,000	\$450,000	

Developer/Impact Fees/SEPA

Real Estate Excise Tax II

TOTAL SOURCES





Capital Improvement Program 2011 - 2016

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

PROJECT TITLE **Intersection Improvements in Morganville**

DESCRIPTION

Design roadway intersections , determine right-of-way needs.

BACKGROUND

There is inadequate right-of-way and the corners are too sharp at the intersections in this neighborhood. The trucks and long wheel base vehicles cut the corner and cause damage to the roadway and occasionally damage private property.

COMMENTS

Preliminary efforts include design and acquiring the right-of-way with construction in 2014.

CAPITAL PROJECT COSTS

Land/Right of Way

Total \$ Requested	2011	2012	2013	2014	2015	2016
20,000			20,000			
20,000			20,000			
60,000				60,000		
\$100,000			\$40,000	\$60,000		

Design Engineering

Construction Costs

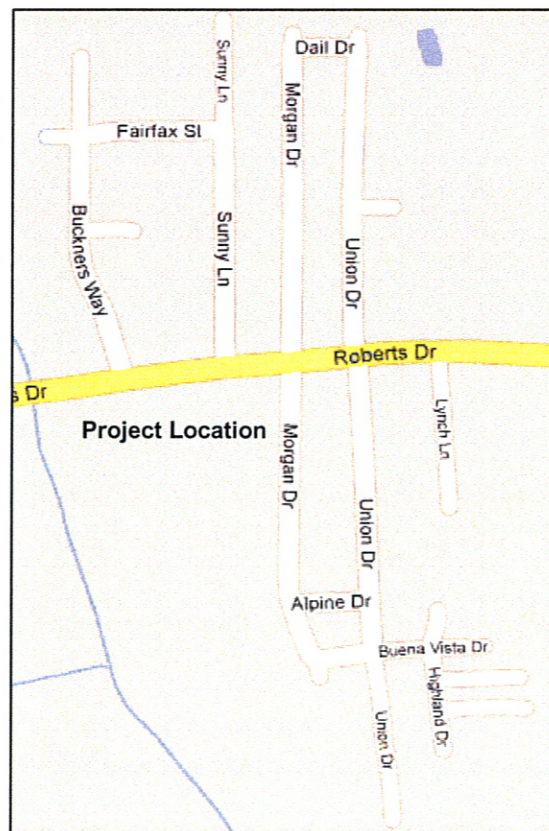
TOTAL COSTS

REQUESTED FUNDING

Real Estate Excise Tax II

Total \$ Project	2011	2012	2013	2014	2015	2016
100,000			40,000	60,000		
\$100,000			\$40,000	\$60,000		

TOTAL SOURCES





Capital Improvement Program 2011 - 2016

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

PROJECT TITLE Grant Matching Fund

DESCRIPTION

This project is used to accumulate funds for a match for State (TIB) Grants for large projects now scheduled for 2017 and later.

COMMENTS

For example, the West side of Lake Sawyer patch and overlay may cost between \$1,000,000 and \$1,500,000. Without grant matching funds, this project would be extremely difficult to fund.

CAPITAL PROJECT COSTS	Total \$ Requested	2011	2012	2013	2014	2015	2016
Funding to Match Grants	270,000	40,000	40,000	40,000	50,000	50,000	50,000
TOTAL COSTS	\$270,000	\$40,000	\$40,000	\$40,000	\$50,000	\$50,000	\$50,000

REQUESTED FUNDING

	Total \$ Project	2011	2012	2013	2014	2015	2016
Real Estate Excise Tax II	270,000	40,000	40,000	40,000	50,000	50,000	50,000
TOTAL SOURCES	\$270,000	\$40,000	\$40,000	\$40,000	\$50,000	\$50,000	\$50,000

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 Program 2011 - 2016

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

PROJECT TITLE **SR 169 Gateway Corridor Improvement**

DESCRIPTION

Widen the roadway from Ravensdale to north City limits (3,800 ft) to allow for a two way left hand turn lane. Add sidewalks, streetlights, and either curb and gutter with a storm treatment pond or Low Impact Development storm treatment swales with water gardens.

BACKGROUND

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

COMMENTS

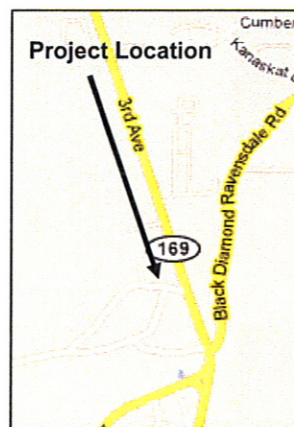
This project may rate well for grant funding. Other development along the corridor may be able to contribute the matching funds.

CAPITAL PROJECT COSTS

Total \$ Requested	2011	2012	2013	2014	2015	2016
Land/Right of Way				100,000		
Preliminary Engineering				100,000		
Construction Engineering						450,000
Design Engineering					300,000	
Construction Costs						4,750,000
TOTAL COSTS				\$200,000	\$300,000	\$5,200,000

REQUESTED FUNDING

Total \$ Project	2011	2012	2013	2014	2015	2016
Grants						2,500,000
Funding partners				200,000	300,000	2,700,000
TOTAL SOURCES				\$200,000	\$300,000	\$5,200,000





Capital Improvement Program 2011 - 2016

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

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

DESCRIPTION

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

BACKGROUND

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

COMMENTS

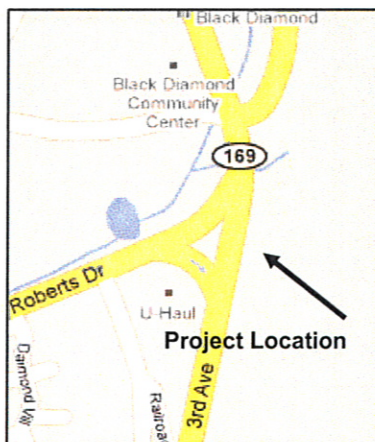
The Master Planned Developer will be making an investment in this intersection to address Level of Service issues. The City would like to size the roundabout for the buildout solution for this corridor. There may be grant funding available for a major intersection on a regional facility.

CAPITAL PROJECT COSTS

	Total \$ Requested	2011	2012	2013	2014	2015	2016
Land/Right of Way	400,000			400,000			
Building Improvements							
Preliminary Engineering	50,000			50,000			
Construction Engineering	160,000					160,000	
Design Engineering	120,000				120,000		
Construction Costs	1,400,000					1,400,000	
Project Administration	100,000				100,000		
TOTAL COSTS	2,230,000			\$450,000	\$220,000	\$1,560,000	

REQUESTED FUNDING

	Total \$ Project	2011	2012	2013	2014	2015	2016
Grants	1,160,000					1,160,000	
Developer/Impact Fees/SEPA	1,070,000			450,000	220,000	400,000	
TOTAL SOURCES	2,230,000			\$450,000	\$220,000	\$1,560,000	



Water Projects



Water Department

Capital Improvement Program 2011 - 2016

Funding Summary by Project

Project Name	Total \$ Requested	2011	2012	2013	2014	2015	2016
W1 Springs Transmission Main Replacement Phase 1	800,000					800,000	
W2 Springs & River Crossing Rehab. Project	1,780,000	140,000	1,640,000				
W3 Meter Replacement Program	200,000	100,000	100,000				
W4 Fire Flow Loop to N. Commerical Area	800,000				800,000		
W5 Public Works Facilities Design/Eng	30,000	10,000	20,000				
TOTAL EXPENDITURES	3,610,000	250,000	1,760,000		800,000	800,000	

Funding Sources

	Total \$ Project	2011	2012	2013	2014	2015	2016
Water System and Facilities Funding Agreement (WSFFA)							
W1 Springs Transmission Main Replacement Phase 1	800,000					800,000	
W2 Springs & River Crossing Rehab. Project	1,280,000	140,000	1,140,000				
Total WSFFA Funds	2,080,000	140,000	1,140,000			800,000	
Water Connection Fees and Reserves							
W5 Public Works Facilities Design/Eng	7,500	2,500	5,000				
Total Water Connection Fees	7,500	2,500	5,000				
Wastewater Connection Fees and Reserves							
W5 Public Works Facilities Design/Eng	7,500	2,500	5,000				
Total Wastewater Connection Fees	7,500	2,500	5,000				
Stormwater Connection Fees and Reserves							
W5 Public Works Facilities Design/Eng	7,500	2,500	5,000				
Total Wastewater Connection Fees	7,500	2,500	5,000				
Street Fund Funding							
W5 Public Works Facilities Design/Eng	7,500	2,500	5,000				
Total Street Fund Funding	7,500	2,500	5,000				
Grant Funding							
W2 Springs & River Crossing Rehab. Project	500,000		500,000				
Total Grant Funding	500,000		500,000				
Developer Funding							
W4 Fire Flow Loop to N. Commerical Area	800,000				800,000		
Total Developer Funding	800,000				800,000		
Interfund Loan							
W3 Meter Replacement Program	200,000	100,000	100,000				
Total Developer Funding	200,000	100,000	100,000				
Total Water Projects	3,610,000	250,000	1,760,000		800,000	800,000	



Capital Improvement Program 2011 - 2016

Project for the Water Department # W1

PROJECT TITLE Springs Transmission Main Replacement Phase 1

DESCRIPTION

Replace 9100 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.

CAPITAL PROJECT COSTS

Construction Costs

TOTAL COSTS

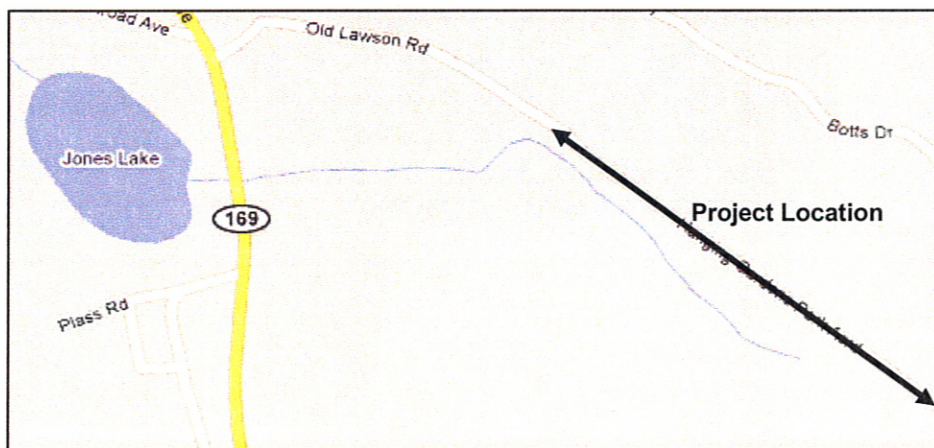
Total \$ Requested	2011	2012	2013	2014	2015	2016
800,000					800,000	
\$800,000					\$800,000	

REQUESTED FUNDING

Water Syst & Fac. Funding Agrmt.

TOTAL SOURCES

Total \$ Project	2011	2012	2013	2014	2015	2016
800,000					800,000	
\$800,000					\$800,000	





Capital Improvement Program 2011 - 2016

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

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

DESCRIPTION

Improvements to the springs and the points of collection. Replacement of 1,300 lineal ft. of piping from the springs across the Green River to the North Bank Pump Station.

BACKGROUND

Repair and or replace the power generating facility. Capital grant is for a hydrolic pump.

CAPITAL PROJECT COSTS

	Total \$ Requested	2011	2012	2013	2014	2015	2016
Construction Engineering	100,000		100,000				
Design Engineering	140,000	140,000					
Construction Costs	1,040,000		1,040,000				
Capital Outlay	500,000		500,000				
TOTAL COSTS	\$1,780,000	\$140,000	\$1,640,000				

REQUESTED FUNDING

	Total \$ Project	2011	2012	2013	2014	2015	2016
Grants	500,000		500,000				
Water Syst & Fac. Funding Agrmt.	1,280,000	140,000	1,140,000				
TOTAL SOURCES	\$1,780,000	\$140,000	\$1,640,000				





Capital Improvement Program 2011 - 2016

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

PROJECT TITLE **Meter Replacement Program**

DESCRIPTION Replace approximately 300 meters per year at \$230 per meter. This includes radio read, software, training and appurtenance.

BACKGROUND The bulk of the meters are about 15 years old and are only guaranteed for 10 years. As meters age they run slower which means lost revenue. City staff will install the new meters.

COMMENTS This meter replacement program is under contract at 300 meters per year. The second year is when the City is planning to transition to radio read. Some additional funds above the contract level have been allocated for meter box replacement.

	Total \$ Requested	2011	2012	2013	2014	2015	2016
CAPITAL PROJECT COSTS							
Construction Costs	200,000	100,000	100,000				
TOTAL COSTS	\$255,000	\$100,000	\$100,000				

	Total \$ Project	2011	2012	2013	2014	2015	2016
REQUESTED FUNDING							
Interfund Loan	200,000	100,000	100,000				
TOTAL SOURCES	200,000	\$100,000	\$100,000				

	Total \$ Requested	2011	2012	2013	2014	2015	2016
NON CAPITAL OPERATING COSTS							
Salaries and Benefits							
Debt for Interfund loan	200,000	40,000	40,000	40,000	40,000	40,000	
TOTAL OPERATING	200,000	40,000	40,000	40,000	40,000	40,000	



Capital Improvement Program 2011 - 2016

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

PROJECT TITLE **Fire Flow Loop to N. Commerical Area**

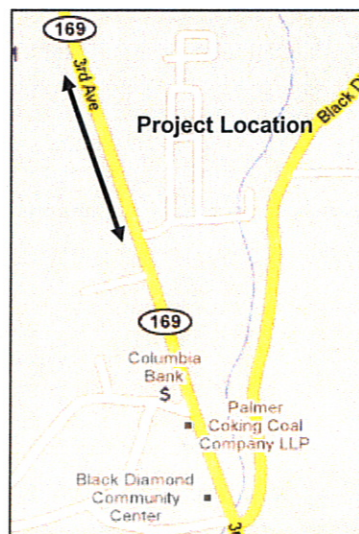
DESCRIPTION Replace 600 ft. of 6 inch asbestos concrete with 12 inch ductile iron water main. Replace 1200 ft. of 8 inch asbestos concrete with 12 inch ductile iron in 3rd Street north of Roberts Drive. Link the east and west 169 water mains at approximately the Cedarbrook Mobile Home Park.

BACKGROUND This project is needed to replace asbestos concrete pipe, address flow velocities that exceed 10 ft. per second, strengthen the water line dual feed to the north commercial area.

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

CAPITAL PROJECT COSTS	Total \$ Requested	2011	2012	2013	2014	2015	2016
Construction Costs	800,000				800,000		
TOTAL COSTS	\$800,000				\$800,000		

REQUESTED FUNDING	Total \$ Project	2011	2012	2013	2014	2015	2016
Developer Funded	800,000				800,000		
TOTAL SOURCES	\$800,000				\$800,000		



Wastewater Projects



Wastewater Department

Capital Improvement Program 2011 - 2016

Expenditure Summary by Project

Project Name	Total \$ Requested	2011	2012	2013	2014	2015	2016
S1 Infiltration and Inflow Reduction Program	1,750,000	100,000	150,000	250,000	250,000	500,000	500,000
S2 Replace Old Lawson Lift Station	50,000	50,000					
S3 Cedarbrook Sewer Main	90,000						90,000
S4 West Black Diamond Wastewater Lift Station	400,000				50,000	250,000	100,000
S5 Morganville Wastewater Lift Station Improvement	110,000	30,000	80,000				
S6 Morganville Force Main Reroute	1,000,000					20,000	980,000
S7 South Black Diamond Wastewater Trunk Extension	0						
TOTAL EXPENDITURES	3,400,000	180,000	230,000	250,000	300,000	770,000	1,670,000

Funding Sources

	Total \$ Project	2011	2012	2013	2014	2015	2016
Wastewater Utility Funding							
S1 Infiltration and Inflow Reduction Program	300,000		50,000	50,000	50,000	75,000	75,000
Total Wastewater Utility Funding	300,000		50,000	50,000	50,000	75,000	75,000
Wastewater Reserves, New Customers & Conn. Fees							
S1 Infiltration and Inflow Reduction Program	1,450,000	100,000	100,000	200,000	200,000	425,000	425,000
S2 Replace Old Lawson Lift Station	50,000	50,000					
S3 Preserving Wastewater Treatment Plant for Future Use	45,000						45,000
S4 West Black Diamond Wastewater Lift Station	400,000				50,000	250,000	100,000
S5 Morganville Wastewater Lift Station Improvement	110,000	30,000	80,000				
S6 Morganville Force Main Reroute	1,000,000					20,000	980,000
Total Wstewtr Reserves/New Cust & Conn.Fees	3,055,000	150,000	100,000	200,000	250,000	675,000	1,550,000
Stormwater Reserves/New Customers							
S3 Cedarbrook Sewer Main	45,000						45,000
	45,000						45,000
Total Wastewater Projects	3,400,000	150,000	150,000	250,000	300,000	750,000	1,670,000

NON CAPITAL OPERATING COSTS

Maintenance Costs Infiltration and Inflow

TOTAL NON CAPITAL OPERATING

Total \$ Requested	2011	2012	2013	2014	2015	2016
120,000	20,000	20,000	20,000	20,000	20,000	20,000
\$120,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000



Capital Improvement Program 2011 - 2016

Project for the

Wastewater Department

S1

PROJECT TITLE

Infiltration and Inflow Reduction Program

DESCRIPTION

TV inspections, smoke testing, flow monitoring, new ordinance and policy review, and then pipe rehabilitation, sealing, private line replacement assistance program, some manhole rehabilitation, sewer line replacement as needed, monitor effectiveness.

BACKGROUND

The City needs to reduce the infiltration and inflow to meet contract requirements and Department of Ecology requirements. The City also desires to preserve and recapture capacity in the wastewater system by reducing and controlling peak flows that come primarily from storm and ground water getting into the system.

COMMENTS

The City's draft comprehensive plan recommends significantly increasing the funding of dealing with this issue.

CAPITAL PROJECT COSTS

	Total \$ Requested	2011	2012	2013	2014	2015	2016
Design Engineering	100,000	100,000					
Construction Costs	1,650,000		150,000	250,000	250,000	500,000	500,000
TOTAL COSTS	\$1,750,000	\$100,000	\$150,000	\$250,000	\$250,000	\$500,000	\$500,000

REQUESTED FUNDING

	Total \$ Project	2011	2012	2013	2014	2015	2016
Wastewater Utility Fund	300,000		50,000	50,000	50,000	75,000	75,000
Wstwr Reserves/New Customer Fees	1,450,000	100,000	100,000	200,000	200,000	425,000	425,000
TOTAL SOURCES	\$1,750,000	\$100,000	\$150,000	\$250,000	\$250,000	\$500,000	\$500,000

NON CAPITAL OPERATING COSTS

	Total \$ Requested	2011	2012	2013	2014	2015	2016
Salaries, Benefits, Maintenance	120,000	20,000	20,000	20,000	20,000	20,000	20,000
Debt Repayment							
TOTAL OPERATING	120,000	20,000	20,000	20,000	20,000	20,000	20,000



Capital Improvement Program 2011 - 2016

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

PROJECT TITLE **Replace Old Lawson Lift Station**

DESCRIPTION

Install a larger wet well, replace septic tank effluent pumps with grinder pumps, new control panel, alarms, and telemetry.

BACKGROUND

This project is primarily to address a high maintenance and high risk of overflow at this wastewater lift station.

CAPITAL PROJECT COSTS

Construction Engineering

TOTAL COSTS

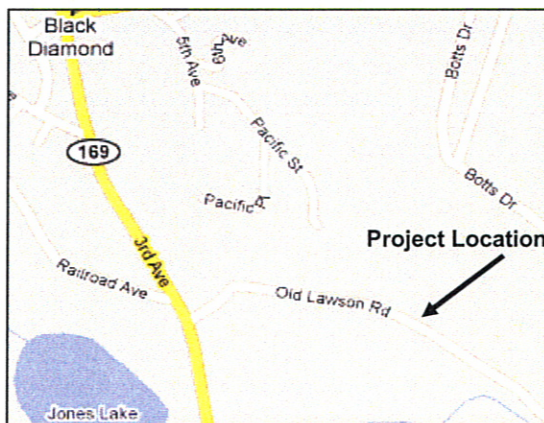
Total \$ Requested	2011	2012	2013	2014	2015	2016
50,000	50,000					
\$50,000	\$50,000					

REQUESTED FUNDING

Wstwr Reserves/New Customer and Connection Fees

TOTAL SOURCES

Total \$ Project	2011	2012	2013	2014	2015	2016
50,000	50,000					
\$50,000	\$50,000					





Capital Improvement Program 2011 - 2016

Project for the Wastewater Department

S3

PROJECT TITLE

Cedarbrook Sewer Main

DESCRIPTION

Acquire City easement through the trailer park. Design and construct a new sewer main to serve all of the existing and future City customer in the north east portion of the City.

BACKGROUND

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

CAPITAL PROJECT COSTS

Land/Right of Way

Design Engineering

TOTAL COSTS

Total \$ Requested	2011	2012	2013	2014	2015	2016
20,000						20,000
70,000						70,000
\$90,000						\$90,000

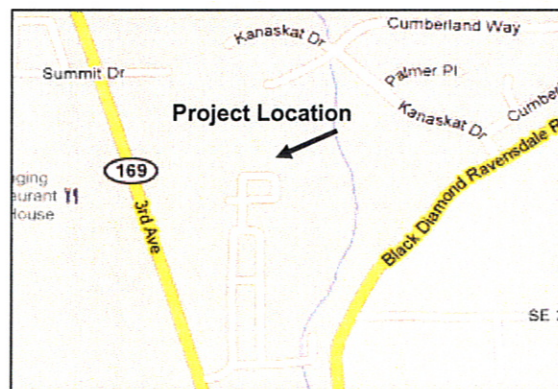
REQUESTED FUNDING

Wastewater Utility Fund

Wstwr Reserves/New Customer Fees

TOTAL SOURCES

Total \$ Project	2011	2012	2013	2014	2015	2016
45,000						45,000
45,000						45,000
\$90,000						\$90,000





Capital Improvement Program 2011 - 2016

Project for the **Wastewater Department**

S4

PROJECT TITLE

West Black Diamond Wastewater Lift Station

DESCRIPTION

Design and construct a wastewater lift station for the area west of Rock Creek and south of Soos Creek sewer service area. Phase one is site selection and design. Phase two is wastewater lift station construction and gravity main easement procurement.

BACKGROUND

This project is to prepare for the upcoming growth in the west portion of the City.

COMMENTS

It is currently planned that the Villages Developer will construct an interim sewer pump station and perhaps a second interim sewer pump station as the development grows to the south. The City would like to take a lead role in planning, designing, permitting and constructing this facility for the most efficient location and lowest ultimate cost. Timing will need to be coordinated with the Villages Developer. This CIP only shows the design and right-of-way costs. The total project costs are as shown in the sewer comprehensive plan.

CAPITAL PROJECT COSTS

	Total \$ Requested	2011	2012	2013	2014	2015	2016
Land/Right of Way	250,000					250,000	
Preliminary Engineering	50,000				50,000		
Design Engineering	100,000						100,000
TOTAL COSTS	\$400,000				\$50,000	\$250,000	\$100,000

REQUESTED FUNDING

	Total \$ Project	2011	2012	2013	2014	2015	2016
Developer Funded	400,000				50,000	250,000	100,000
TOTAL SOURCES	\$400,000				\$50,000	\$250,000	\$100,000





Capital Improvement Program 2011 - 2016

Project for the

Wastewater Department

S5

PROJECT TITLE

Morganville Wastewater Lift Station Improvement

DESCRIPTION

Study the alternatives for the best discharge point of the pump station. Consider relocating out of the street. Reconstruct the sewer lift station, replace pumps and control panel, telemetry.

BACKGROUND

The wastewater lift station will be 18 years old in 2012. As purely a repair and replacement project the funding has shifted to rates.

COMMENTS

Considering the increased need and cost of getting I & I under control, this project has been reduced in scope to the essentials of pump and control replacement. On site back up power generation will be considered at a later date. The rerouting of sewer will be a separate capital project.

CAPITAL PROJECT COSTS

Design Engineering

Construction Costs

TOTAL COSTS

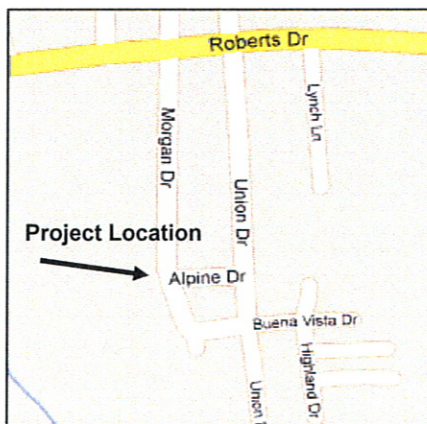
Total \$ Requested	2011	2012	2013	2014	2015	2016
30,000	30,000					
80,000		80,000				
\$110,000	\$30,000	\$80,000				

REQUESTED FUNDING

Wastewater Reserves

TOTAL SOURCES

Total \$ Project	2011	2012	2013	2014	2015	2016
110,000	30,000	80,000				
\$110,000	\$30,000	\$80,000				





Capital Improvement Program 2011 - 2016

Project for the

Wastewater Department

S6

PROJECT TITLE

Morganville Force Main Reroute

DESCRIPTION

Reroute the flows from the Morgan Street Sewer pump station from pumping to the Jones Lake Pump Station to pump to the new King County western storage facility. The new force main will be about 3200 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

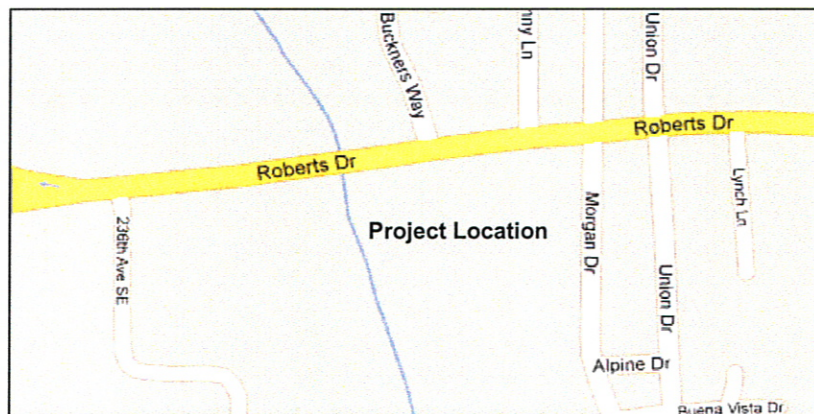
If the Lawson Hills developer needs to temporarily direct new flows to the Black Diamond Pump Station (Jones Lake Pump Station) this project may need to be moved up in priority. The cost of expediting this project will need to be covered by the developer.

CAPITAL PROJECT COSTS

	Total \$ Requested	2011	2012	2013	2014	2015	2016
Preliminary Engineering	20,000					20,000	
Design Engineering	80,000						80,000
Construction Costs	900,000						900,000
TOTAL COSTS	\$1,000,000					\$20,000	\$980,000

REQUESTED FUNDING

	Total \$ Project	2011	2012	2013	2014	2015	2016
Wstwr Reserves/New Customer Fees	1,000,000					20,000	980,000
TOTAL SOURCES	\$1,000,000					\$20,000	\$980,000





Capital Improvement Program 2011 - 2016

Project for the

Wastewater Department

S7

PROJECT TITLE

South Black Diamond Wastewater Trunk Extension

DESCRIPTION

Purchase easements and design a wastewater main extension from the Metro Pump Station to the west and south.

BACKGROUND

The City needs to plan for wastewater trunk lines that will serve the maximum area to the south and west. This is a good project, but the need is not anticipated for over 10 years. This project needs to be covered in the sewer comprehensive plan.

COMMENTS

This effort is for the planning, right of way and preliminary engineering. The City will extend the sewer mains across the low land where no benefitting properties are served. From that point, developers will be expected to extend the sewer mains as developer extensions. This project will begin sometime after 2016.

CAPITAL PROJECT COSTS

Land/Right of Way
Building Improvements
Preliminary Engineering
Construction Engineering
Design Engineering
Construction Costs
Capital Outlay
Other (Specify)

Total \$ Requested	2011	2012	2013	2014	2015	2016
0						

TOTAL COSTS

REQUESTED FUNDING

Grants
Water Connection Fees/Reserves
Wastewater Utility Fund
Stormwater Conn Fees/Reserves
Street Funds
Wstewtr Con Fees/Res/New Customers
Real Estate Excise Tax I
Real Estate Excise Tax II
Public Works Trust Fund
Developer Funded

Total \$ Project	2011	2012	2013	2014	2015	2016
0						

TOTAL SOURCES

Stormwater Projects



Stormwater Department

Capital Improvement Program 2011 - 2016

Expenditure Summary by Project

Project Name	Total \$ Requested	2011	2012	2013	2014	2015	2016
D1 W.Q. Public Works Yard Improvements	115,000	10,000			85,000		20,000
D2 W.Q. Ginder Creek Stormwater Treatment Pond	250,000			50,000	200,000		
D3 M.R. Lake Sawyer Road Culvert and Guardrail	320,000		70,000		250,000		
TOTAL EXPENDITURES	685,000	10,000	70,000	50,000	535,000		20,000

Funding Sources

	Total \$ Project	2011	2012	2013	2014	2015	2016
Ecology Grants							
D1 Public Works Yard Improvements	65,000	10,000			55,000		
D3 Lake Sawyer Road Culvert and Guardrail	250,000				250,000		
Total Ecology Grants	315,000	10,000			305,000		
Water Connection Fees							
D1 Public Works Yard Improvements	12,500				10,000		2,500
Total Water Connection Fees	12,500				10,000		2,500
Wastewater Connection Fees							
D1 Public Works Yard Improvements	12,500				10,000		2,500
Total Wastewater Connection Fees	12,500				10,000		2,500
Stormwater Connection Fees/Reserves							
D1 Public Works Yard Improvements	12,500				10,000		2,500
D2 Ginder Creek Stormwater Treatment Pond	50,000			50,000			
D3 Lake Sawyer Road Culvert and Guardrail	40,000		40,000				
Total Stormwater Connection Fees/Reserves	102,500		40,000	50,000	10,000		2,500
Street Fund Funded							
D1 Public Works Yard Improvements	2,500						2,500
Total Street Fund Funded	2,500						2,500
Real Estate Excise Tax II							
D1 Public Works Yard Improvements	10,000						10,000
D3 Lake Sawyer Road Culvert and Guardrail	30,000		30,000				
Total Real Estate Excise Tax II	40,000		30,000				10,000
Developer Funded or Grant							
D2 Ginder Creek Stormwater Treatment Pond	200,000				200,000		
Total Developer or Grant Funded	200,000				200,000		
Total Stormwater Projects	685,000	10,000	70,000	50,000	535,000		20,000



Capital Improvement Program 2011 - 2016

Project for the Stormwater Department

D1

PROJECT TITLE Public Works Yard Improvements

DESCRIPTION

Water Quality Project: The City assessed the site conditions with respect to best management practices for stormwater runoff from the shop, equipment and materials handling area in Feb 2010. Some capital improvements are needed to adequately address stormwater runoff issues. As part of the National Pollutant Discharge Elimination System Storm Permit (NPDES) requirement, the City will bring operations in line with best management practices for equipment storage and washdown areas, proper storage of hazardous materials in 2014.

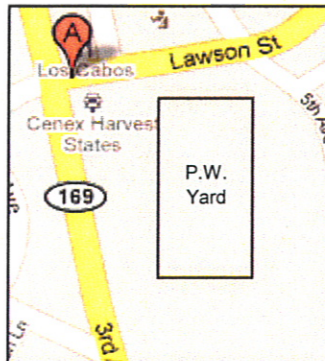
COMMENTS

Early on-site assessment and recommendation is needed to refine the scope of work and seek funding opportunities. This project might rate quite well for a low interest loan from the Public Works Trust Fund.

	Total \$ Requested	2011	2012	2013	2014	2015	2016
Preliminary Engineering	20,000						20,000
Design Engineering	20,000	10,000			10,000		
Capital Outlay	75,000				75,000		
TOTAL COSTS	\$115,000	\$10,000			\$85,000		\$20,000

REQUESTED FUNDING

	Total \$ Project	2011	2012	2013	2014	2015	2016
Grants (Dept of Ecology)	65,000	10,000			55,000		
Water Conn Fees/Res	12,500				10,000		2,500
Wastewater Conn Fees/Res	12,500				10,000		2,500
Stormwater Conn Fees/Res	12,500				10,000		2,500
Street Funds	2,500						2,500
Real Estate Excise Tax II	10,000						10,000
TOTAL SOURCES	\$115,000	\$10,000			\$85,000		\$20,000





Capital Improvement Program 2011 - 2016

Project for the **Stormwater Department**

D2

PROJECT TITLE **Ginder Creek Stormwater Treatment Pond**

DESCRIPTION

Water Quality Project: The City has three major untreated stormwater discharges onto City property that then flow directly into Ginder Creek. Some treatment is accomplished by natural flow across the surface before discharge into the creek. The City should look for grant opportunities or private opportunities to upgrade the treatment of the stormwater discharges into Ginder Creek.

BACKGROUND

Stormwater treatment facility: a wetpond and bioswale combined treatment facility to provide maximum phosphorous removal along the abandoned RR Ave north of Park Street. Detention will also be provided.

COMMENTS

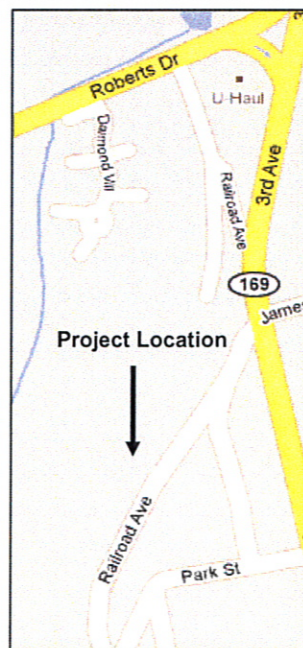
Whereas there is a total maximum daily load (TMDL) on Lake Sawyer for phosphorous the city should look for opportunities to reduce phosphorous inputs from existing untreated stormwater discharges. A joint project with a developer may be possible. The city could offer the land in exchange for the treatment upgrade of the existing discharges.

CAPITAL PROJECT COSTS

	Total \$ Requested	2011	2012	2013	2014	2015	2016
Design Engineering	50,000			50,000			
Construction Costs	200,000				200,000		
TOTAL COSTS	\$250,000			\$50,000	\$200,000		

REQUESTED FUNDING

	Total \$ Project	2011	2012	2013	2014	2015	2016
Grants (Dept of Ecology)	200,000				200,000		
Stormwater Connection Fees/Res	50,000			50,000			
Developer project					200,000		
TOTAL SOURCES	\$250,000			\$50,000	\$200,000		





Capital Improvement Program 2011 - 2016

Project for the **Stormwater Department**

D3

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

DESCRIPTION

Maintenance of Roads: Replace twin culverts with a bottomless box culvert and install guard rails to protect vehicles from running into the creek.

BACKGROUND

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

COMMENTS

Grant funding is anticipated and included in the financing for this project. Design and permitting is scheduled for 2012 to assist with attracting grant and private mitigation funds.

CAPITAL PROJECT COSTS

Design Engineering

Total \$ Requested	2011	2012	2013	2014	2015	2016
70,000		70,000				
250,000				250,000		
TOTAL COSTS		\$70,000		\$250,000		

REQUESTED FUNDING

Grants (Dept of Ecology)

Stormwater Connection/Reserves

Real Estate Excise Tax II

TOTAL SOURCES

Total \$ Project	2011	2012	2013	2014	2015	2016
250,000				250,000		
40,000		40,000				
30,000		30,000				
TOTAL SOURCES		\$70,000		\$250,000		





CITY OF BLACK DIAMOND

2010 Schedule 2011 – 2016 Capital Improvement Plan (CIP)

	Process	Internal Due Date	Committee Meetings	Workshops	City Council Meetings
1	CIP Planning Meeting with Mayor/Brenda	March 23			
2	CIP Call letter to affected departments (include goals, rules and timelines)	April 2			
3	Finance prepares operating revenue sources for affected funds such as Street, Sewer, Water, Drainage and General Government	April 9			
4	Departments prepare detailed requests and submit to City Administration and Finance	April 14			
5	Finance prepares Draft Spreadsheet combining revenues and department requests for Internal review with Administration	April 19			
6	Administration and Finance meet departments to review options	April 20 - 23			
7	CIP Committee Meeting for Public Safety (Leih, Bill)		April 29 4:30		
8	CIP Committee Meeting for Finance (Gen Govt) (Kristine, Craig)		April 30 9:00		
9	CIP Committee Meeting for Parks (Craig, William)		April 30 2:30		
10	CIP Committee Meeting for Public Works (Kristine, William)		May 11 3:30		
11	CIP Council Workshop Non Public Works			May 13 Special Mtg 5:00	
12	CIP Council Workshop: Public Works			May 27 Special Mtg 5:00	
13	Public Hearings on proposed 2011 – 2016 CIP				June 3
14	Council adopts 2011 – 2016 CIP				June 17

Regular scheduled Council meeting are in **BOLD**