



**CITY OF BLACK DIAMOND**  
**June 13, 2012 Workstudy Agenda**  
25510 Lawson St., Black Diamond, Washington

Workstudies are meetings for Council to review upcoming and pertinent business of the City. Public testimony is only accepted at the discretion of the Council.

**4:00 P.M. – CALL TO ORDER, ROLL CALL**

- 1.) Capital Improvement Plan (Non-Public Works) - Ms. Miller
- 2.) Adjournment



City of Black Diamond  
2013 – 2018  
Capital Improvement Plan  
**DRAFT**

Non–Public Works Departments

Police  
Fire  
Parks  
Administration

CIP Council Workstudy

June 13, 2012

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

		Total \$ Project 2013 - 2018	2013	2014	2015	2016	2017	2018
<b>POLICE PROJECTS</b>								
L1	Police Technology	103,700	16,300	20,000	15,400	20,000	16,000	16,000
L2	Patrol Car Replacement	291,050	45,000	46,350	47,700	49,200	50,600	52,200
L3	Police Reroof	20,000		20,000				
<b>TOTAL POLICE PROJECTS</b>		<b>414,750</b>	<b>61,300</b>	<b>86,350</b>	<b>63,100</b>	<b>69,200</b>	<b>66,600</b>	<b>68,200</b>
<b>FIRE DEPARTMENT PROJECTS</b>								
F1	Replace Primary Fire Engine 98	365,000	365,000					
F2	Replace Reserve Engine	225,000					225,000	
F3	Replace Aid Car	600,000			600,000			
F4	Replace Brush-Truck Chassis	85,000						85,000
F5	New Fire Station and Equipment	3,240,000	25,000			125,000	140,000	2,950,000
<b>TOTAL FIRE PROJECTS</b>		<b>4,515,000</b>	<b>390,000</b>		<b>600,000</b>	<b>125,000</b>	<b>365,000</b>	<b>3,035,000</b>
<b>PARKS PROJECTS</b>								
P1	Lake Sawyer Boat Launch Imp	715,000	115,000		200,000		100,000	300,000
P2	Lake Sawyer Aquatic Weed Study	40,000	40,000					
P3	Ginder Creek Easement	30,000	30,000					
P4	Ginder Creek Property Acquisition	150,000	150,000					
P5	Grant Matching Funds	60,000	10,000	10,000	10,000	10,000	10,000	10,000
P6	Mine Hazard Assessment Study/Map	15,000	15,000					
P7	Cemetery Waterline Replacement	5,200	5,200					
P8	Ginder Creek Trail Restoration	76,000	28,000	28,000	20,000			
P9	Tree Mitigation	6,000	1,000	1,000	1,000	1,000	1,000	1,000
P10	Regional Trail System Development	300,000				100,000	100,000	100,000
P11	Lake Sawyer Regional Park	3,085,000	10,000			75,000	250,000	2,750,000
P12	Union Stump Memorial Park	20,000					20,000	
P13	Parks Signage	15,000						15,000
<b>TOTAL PARKS PROJECTS</b>		<b>4,517,200</b>	<b>404,200</b>	<b>39,000</b>	<b>231,000</b>	<b>186,000</b>	<b>481,000</b>	<b>3,176,000</b>
<b>ADMINISTRATION AND CITY PROJECTS</b>								
A1	City Technology Capital	120,000	20,000	20,000	20,000	20,000	20,000	20,000
<b>TOTAL ADMIN AND CITY PROJECTS</b>		<b>120,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>
<b>TOTAL GENERAL GOVT CAPITAL PROJECTS</b>		<b>9,566,950</b>	<b>875,500</b>	<b>145,350</b>	<b>914,100</b>	<b>400,200</b>	<b>932,600</b>	<b>6,299,200</b>

# Police Department

## CAPITAL PROJECT SUMMARY

Project Title	Capital Plan 2013 - 2018						
	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
L1 Police Technology Capital	103,700	16,300	20,000	15,400	20,000	16,000	16,000
L2 Vehicle Replacement Plan	291,050	45,000	46,350	47,700	49,200	50,600	52,200
L3 Reroof Police Building	20,000		20,000				
<b>POLICE DEPARTMENT TOTAL PROJECTS</b>	<b>414,750</b>	<b>61,300</b>	<b>86,350</b>	<b>63,100</b>	<b>69,200</b>	<b>66,600</b>	<b>68,200</b>

# Capital Improvement Plan 2013 - 2018

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

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

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

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

## CAPITAL PROJECT COSTS

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

## TOTAL COSTS

## REQUESTED FUNDING

REET I

## TOTAL SOURCES

## NON CAPITAL OPERATING COSTS

Debt Repayment REET I Record Sys

## TOTAL OPERATING

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



Servers, Routers and Laptops



## Technology Police

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

# Capital Improvement Plan 2013 - 2018

Project for the	Police Department	#	L2
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PROJECT TITLE	Patrol Car Replacement Plan
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**DESCRIPTION** The City has created and maintained a vehicle replacement plan with planned expenditures for patrol cars in an effort to replace aging patrol cars before becoming too expensive to maintain and to assure officer safety.

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

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

Replacement Schedule		2013	2014	2015	2016	2017	2018
Car 20	2006 Blk/White	45,000					
Car 22	2007 Black		46,350				
Car 23	2007 Black			47,700			
Car 11	2006 Blk/White				49,200		
Car 27	2009 Blk/White					50,600	
Car 24	2008 Black/White						52,200





## Police Vehicles and Replacement Schedule

Police Vehicles			2012 Ins Value	Mileage	Replacement Year								
#	License	YEAR	includes Equipment	Avg Projected	2012	2013	2014	2015	2016	2017	2018	2019	2020
		2012 K-9 Tahoe	44,000	14,000	9,000	23,000	37,000	51,000	65,000	79,000	93,000	107,000	121,000
11	42031D	2006 Blk/WWhite	9,525	14,000	65,100	79,100	93,100	107,100	121,100	14,000	28,000	42,000	56,000
20	42030D	2006 Blk/WWhite	21,800	14,000	79,800	93,800	14,000	28,000	42,000	56,000	70,000	84,000	98,000
22	43927D	2007 Black	23,500	18,000	72,300	90,300	108,300	18,000	36,000	54,000	72,000	90,000	108,000
24	46801D	2008 Black/White	24,530	8,000	34,500	42,500	50,500	58,500	66,500	74,500	82,500	90,500	98,500
23	45553D	2007 Black	24,775	18,000	69,913	87,913	105,913	123,913	18,000	36,000	54,000	72,000	90,000
26	46699D	2008 Black	21,035	8,000	34,800	42,800	50,800	58,800	66,800	74,800	82,800	90,800	98,800
27	47720D	2009 Blk/WWhite	25,460	14,000	45,300	59,300	73,300	87,300	101,300	115,300	14,004	28,004	42,004
28	49285D	2009 Blk/WWhite	25,460	14,000	39,200	53,200	67,200	81,200	95,200	109,200	123,200	14,005	28,005
29	54171D	2011 B/W	43,000	14,000	14,500	28,500	42,500	56,500	70,500	84,500	98,500	112,500	14,000
21	42033D	2006 Blk/WWhite	16,800	5,000	58,705	63,705	68,705	73,705	78,705	83,705	88,705	93,705	98,705
			\$ 235,885		Cip Timeframe								

## Capital Improvement Plan 2013 - 2018

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

**PROJECT TITLE** **Reroof Police Station**

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

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





# Police Department

## CAPITAL PROJECT SUMMARY

Expenditure Summary							
Project Title	Capital Plan 2013 - 2018						
	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
L1 Police Technology Capital	103,700	16,300	20,000	15,400	20,000	16,000	16,000
L2 Vehicle Replacement Plan	291,050	45,000	46,350	47,700	49,200	50,600	52,200
L3 Reroof Police Building	20,000		20,000				
<b>TOTAL EXPENDITURES</b>	<b>414,750</b>	<b>61,300</b>	<b>86,350</b>	<b>63,100</b>	<b>69,200</b>	<b>66,600</b>	<b>68,200</b>
<b>Loan Payments</b>							
L4 Repay Police Records 2009 Loan (5 yr)	41,600	41,600					
<b>Total Loan Payment</b>	<b>41,600</b>	<b>41,600</b>					
Funding Sources							
REQUESTED FUNDING	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
<b>REET I</b>							
L1 Police Technology Capital	103,700	16,300	20,000	15,400	20,000	16,000	16,000
L2 Vehicle Replacement Plan	291,050	45,000	46,350	47,700	49,200	50,600	52,200
L3 Reroof Police Building	20,000		20,000				
L4 Repay Pol. Records 2009 Loan (5 yr)	41,600	41,600					
<b>Subtotal REET I</b>	<b>456,350</b>	<b>102,900</b>	<b>86,350</b>	<b>63,100</b>	<b>69,200</b>	<b>66,600</b>	<b>68,200</b>
<b>POLICE DEPARTMENT SUBTOTAL</b>	<b>456,350</b>	<b>102,900</b>	<b>86,350</b>	<b>63,100</b>	<b>69,200</b>	<b>66,600</b>	<b>68,200</b>
<b>Less Loan Payments</b>	<b>(41,600)</b>	<b>(41,600)</b>					
<b>TOTAL FUNDING FOR POLICE PROJECTS</b>	<b>414,750</b>	<b>61,300</b>	<b>86,350</b>	<b>63,100</b>	<b>69,200</b>	<b>66,600</b>	<b>68,200</b>



## Fire Department

### CAPITAL PROJECT SUMMARY

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

# Capital Improvement Plan 2013 - 2018

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

### DESCRIPTION

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

### BACKGROUND

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

### COMMENTS

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

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





## Capital Improvement Plan 2013 - 2018

<b>Project for the</b>	<b>Fire Department</b>	<b># F2</b>
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<b>PROJECT TITLE</b>	<b>Replace Reserve Engine</b>
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**DESCRIPTION** Replace reserve engine # 981 and extend the service life of front-line engine.

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

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

**CAPITAL PROJECT COSTS**

Capital Outlay

**TOTAL COSTS**

**REQUESTED FUNDING**

Loan Purchase Plan

**TOTAL SOURCES**

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

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

**NON CAPITAL OPERATING COSTS**

REET I Debt Repay (15yr @5%)

**TOTAL OPERATING**

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



Engine #981

## Capital Improvement Plan 2013 - 2018

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

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

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

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

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

		Capital Plan 2013 - 2018					
CAPITAL PROJECT COSTS	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
	Capital Outlay	225,000			-	225,000	
<b>TOTAL COSTS</b>	<b>225,000</b>	-	-	-	-	<b>225,000</b>	-
REQUESTED FUNDING	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
	Loan Purchase Plan	225,000			-	225,000	-
<b>TOTAL SOURCES</b>	<b>225,000</b>	-	-	-	-	<b>225,000</b>	-
NON CAPITAL OPERATING COSTS	Total \$ Requested	2013	2014	2015	2016	2017	2018
	REET I Debt Repay (12yr @5%)	24,972					24,972
<b>TOTAL OPERATING</b>	<b>24,972</b>						<b>24,972</b>



Aid Car 98





## Capital Improvement Plan 2013 - 2018

Project for the

**Fire Department**

# **F4**

**PROJECT TITLE**

**Replace Brush-Truck Chassis**

**DESCRIPTION**

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

**BACKGROUND**

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

**COMMENTS**

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

**CAPITAL PROJECT COSTS**

Capital Outlay

**TOTAL COSTS**

**REQUESTED FUNDING**

Loan Purchase Plan

Surplus Sale of Equip.

**TOTAL SOURCES**

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



Example of a Brush Truck with Chassis

# Capital Improvement Plan 2013 - 2018

Project for the

Fire Department

#

F5

## PROJECT TITLE

## New Fire Station and Equipment - Growth Related

### DESCRIPTION

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

### BACKGROUND

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

### COMMENTS

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

### CAPITAL PROJECT COSTS

Preliminary Engineering  
Construction Engineering  
Design Engineering  
Construction Costs (bldg)  
**TOTAL COSTS**

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

### REQUESTED FUNDING

Bond Sales  
Other Financing  
**TOTAL SOURCES**



New Fire  
Station 96



# Fire Department CAPITAL PROJECT SUMMARY

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

# Parks Department CAPITAL PROJECT SUMMARY

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



## Capital Improvement Plan 2013 - 2018

**Project for the Parks Department # P1**

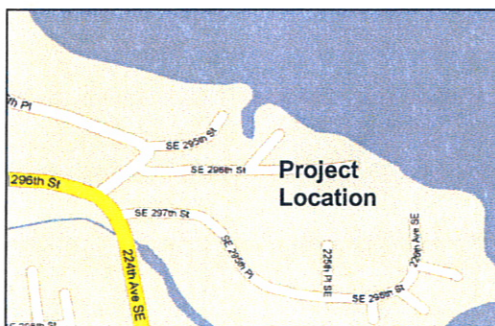
**PROJECT TITLE** Lake Sawyer Boat Launch Park Improvements

<b>DESCRIPTION</b>	Existing boat launch facility on the west end of Lake Sawyer off of 296th Avenue.
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**BACKGROUND**

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

CAPITAL PROJECT COSTS	Capital Plan 2013 - 2018						
	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
	Construction Costs	500,000		200,000			300,000
	Design/Permitting Costs	215,000	115,000			100,000	
	TOTAL COSTS	715,000	115,000	-	200,000	-	100,000
REQUESTED FUNDING	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
	King County Grant	280,000		200,000		80,000	
	Grant Matching	50,000	30,000			20,000	
	RCO Grant	385,000	85,000				300,000
	TOTAL SOURCES	715,000	115,000	-	200,000	-	100,000



## Lake Sawyer Boat Launch



## Capital Improvement Plan 2013 - 2018

**Project for the**

**Parks Department**

**# P2**

**PROJECT TITLE**

**Lake Sawyer Aquatic Weed Management Plan**

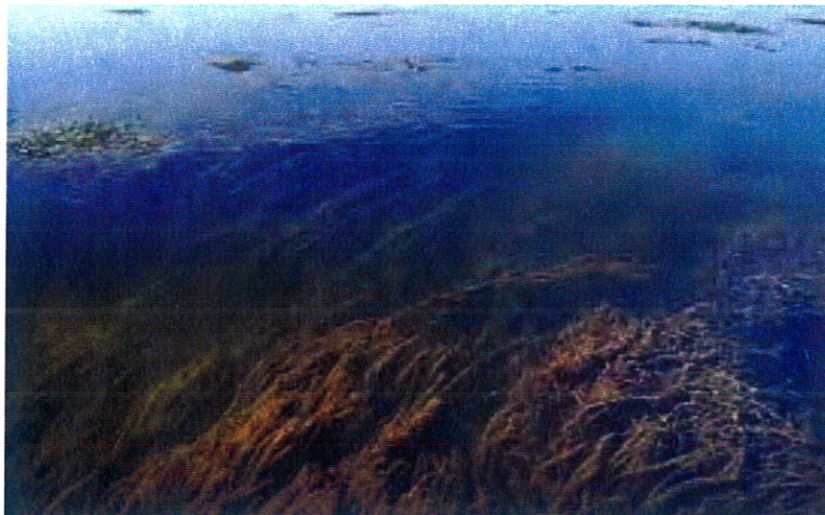
**DESCRIPTION**

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

**BACKGROUND**

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

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



Invasive Milfoil



## Capital Improvement Plan 2013 - 2018

<b>Project for the</b>	<b>Parks Department</b>	<b>#</b>	<b>P3</b>
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<b>PROJECT TITLE</b>	<b>Ginder Creek Easement</b>
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**DESCRIPTION**

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

**CAPITAL PROJECT COSTS**

Land/Right of Way

**TOTAL COSTS**

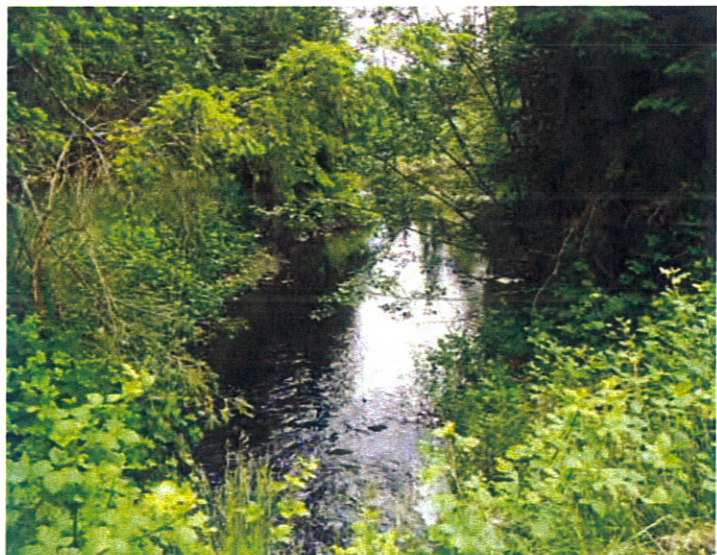
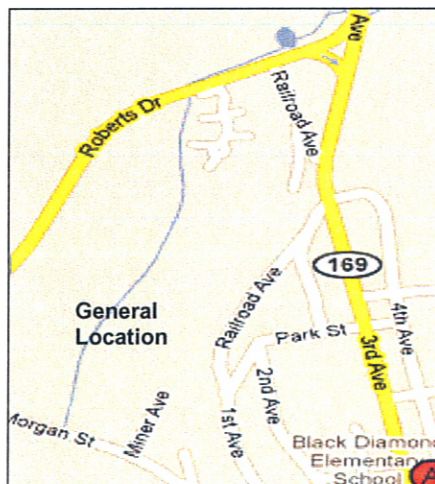
**REQUESTED FUNDING**

Conservation Futures Grant

Other Grants or Sources

**TOTAL SOURCES**

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



Ginder Creek

## Capital Improvement Plan 2013 - 2018

Project for the

**Parks Department**

#

**P4**

**PROJECT TITLE**

**Ginder Creek Property Acquisition**

**DESCRIPTION**

Acquisition of trail easement to the Ginder Creek property, and a possible alternative access point. Conservation Futures or other grant money will be pursued for this purchase.

**CAPITAL PROJECT COSTS**

Land/Right of Way

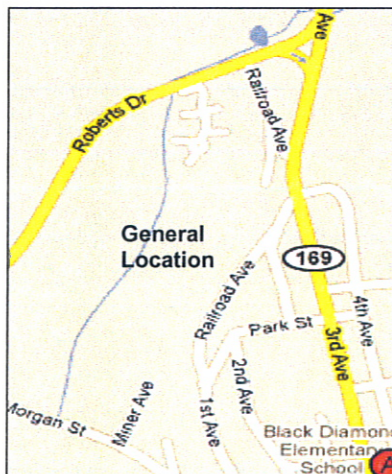
**TOTAL COSTS**

**REQUESTED FUNDING**

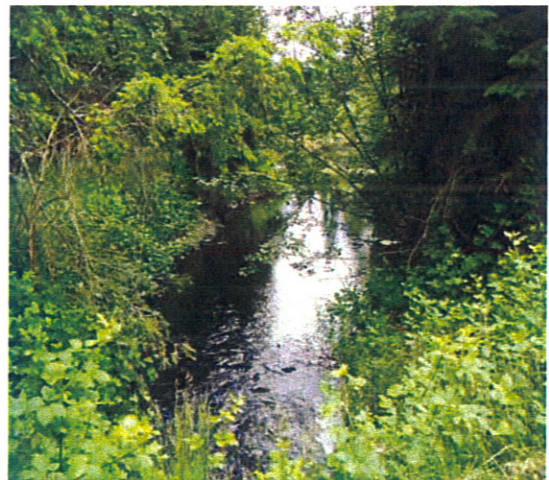
Conservation Futures Grant

**TOTAL SOURCES**

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



Ginder Creek





## Capital Improvement Plan 2013 - 2018

**Project for the**

**Parks Department**

**# P5**

**PROJECT TITLE**

**Grant Matching Funds**

**DESCRIPTION**

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

Capital Plan 2013 - 2018							
CAPITAL PROJECT COSTS	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
	60,000	10,000	10,000	10,000	10,000	10,000	10,000
TOTAL COSTS	60,000	10,000	10,000	10,000	10,000	10,000	10,000
REQUESTED FUNDING	Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018
	60,000	10,000	10,000	10,000	10,000	10,000	10,000
TOTAL SOURCES	60,000	10,000	10,000	10,000	10,000	10,000	10,000



**What is a matching grant?**



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

## Capital Improvement Plan 2013 - 2018

<b>Project for the</b>	<b>Parks Department</b>	<b>#</b>	<b>P6</b>
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<b>PROJECT TITLE</b>	<b>Mine Hazard Assessment Study/Map</b>
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**DESCRIPTION**

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

**BACKGROUND**

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

**CAPITAL PROJECT COSTS**

Study

**TOTAL COSTS**

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

**REQUESTED FUNDING**

4 Culture or DOC Grant

**TOTAL SOURCES**



## Capital Improvement Plan 2013 - 2018

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

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

**DESCRIPTION**

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

**BACKGROUND**

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

**CAPITAL PROJECT COSTS**

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

**REQUESTED FUNDING**

Other - 4-Culture Grant

Other - In kind

**TOTAL SOURCES**



Black Diamond Cemetery



# Capital Improvement Plan 2013 - 2018

Project for the

Parks Department

# P8

## PROJECT TITLE

## Ginder Creek Trail Restoration

### DESCRIPTION

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

### BACKGROUND

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

### CAPITAL PROJECT COSTS

Trail Improvements

Construction Costs

**TOTAL COSTS**

### REQUESTED FUNDING

Other/Unknown

King County Tax Levy

**TOTAL SOURCES**

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



Ginder Creek



# Capital Improvement Plan 2013 - 2018

Project for the

Parks Department

# P9

## PROJECT TITLE

## Tree Mitigation Fund

### DESCRIPTION

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

### BACKGROUND

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

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

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



# Capital Improvement Plan 2013 - 2018

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

**PROJECT TITLE** Trail System Development

## DESCRIPTION

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

## BACKGROUND

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

## CAPITAL PROJECT COSTS

Construction Costs

## TOTAL COSTS

## REQUESTED FUNDING

King County Grant

## TOTAL SOURCES

## NON CAPITAL OPERATING COSTS

Trail System Maintenance

## TOTAL OPERATING

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



A well maintained King County trail



## Capital Improvement Plan 2013 - 2018

<b>Project for the</b>	<b>Parks Department</b>	<b># P11</b>
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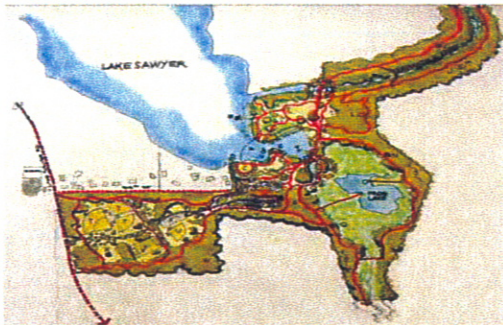
<b>PROJECT TITLE</b>	<b>Lake Sawyer Regional Park</b>
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**DESCRIPTION** Regional facility on the south end of Lake Sawyer area.

**BACKGROUND** This is raw land that has an adopted conceptual plan by the Black Diamond City Council (2008).  
The concept plan suggests to establish a logical, progressive phased construction plan that develops the park from Lake Sawyer Park in. Grants, REET and other funding sources shall be pursued. The City hopes to partner with the County and other local municipalities on regional park development. 2018 is scheduled for \$2,750,000 (Grant and King County monies) to finish phase I of the project.

**COMMENTS**

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



Lake Sawyer Park

## Capital Improvement Plan 2013 - 2018

<b>Project for the</b>	<b>Parks Department</b>	<b># P12</b>
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<b>PROJECT TITLE</b>	<b>Union Stump Memorial Park</b>
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**DESCRIPTION**

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

**BACKGROUND**

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

**CAPITAL PROJECT COSTS**

Construction Costs

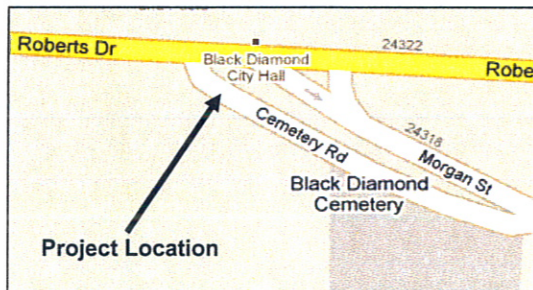
**TOTAL COSTS**

**REQUESTED FUNDING**

REET I

**TOTAL SOURCES**

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



Union Stump Memorial Park



# Capital Improvement Plan 2013 - 2018

Project for the

Parks Department

# P13

PROJECT TITLE

Parks Signage

## DESCRIPTION

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

## BACKGROUND

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

## CAPITAL PROJECT COSTS

Capital Outlay

TOTAL COSTS

## REQUESTED FUNDING

REET I

TOTAL SOURCES

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



Park Signage Examples

# Parks Department

## CAPITAL PROJECT SUMMARY

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



**Parks Projects Funding Sources, cont.**

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

# City Administration

## CAPITAL PROJECT SUMMARY

	Capital Plan 2013 - 2018						
	Total \$ Requested 2013 - 2018	2013	2014	2015	2016	2017	2018
A1 City Technology Upgrades	120,000	20,000	20,000	20,000	20,000	20,000	20,000
ADMINISTRATION DEPT TOTAL EXPENDITURES	120,000	20,000	20,000	20,000	20,000	20,000	20,000



## Capital Improvement Plan 2013 - 2018

<b>Project for</b>	<b>Administration</b>	<b>#</b>	<b>A1</b>
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<b>PROJECT TITLE</b>	<b>City Technology - Capital</b>
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**DESCRIPTION**

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

**BACKGROUND**

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

**CAPITAL PROJECT COSTS**

PC, Printers, Software  
 Network  
 Network Software, Audio & Misc.  
 Disaster Recovery Software

**TOTAL COSTS**

**REQUESTED FUNDING**

REET I

**TOTAL SOURCES**

Capital Plan 2013 - 2018							
Total \$ Requested 2013-2018	2013	2014	2015	2016	2017	2018	
65,100	10,100	9,600	16,100	9,600	10,100	9,600	
36,000	6,000	8,000		8,000	6,000	8,000	
14,400	2,400	2,400	2,400	2,400	2,400	2,400	
4,500	1,500		1,500		1,500		
<b>120,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>
Total \$ Requested 2012-2018	2013	2014	2015	2016	2017	2018	
120,000	20,000	20,000	20,000	20,000	20,000	20,000	
<b>120,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>

## Technology Non Police

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

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



# REET I ANALYSIS SUMMARY (Fund 310)

## Capital Improvement Plan 2013 - 2018

REET I - REVENUE			Capital Plan 2013 - 2018					
	2012 REET I Budgeted & Funded	2013-2018 Summary Total	2013	2014	2015	2016	2017	2018
Beg Fund Balance 104	325,165	279,700	279,700	193,100	132,598	135,446	118,454	137,662
REET Revenue (annual)								
1/4 of 1% REET - Existing Property	39,700	384,000	40,000	48,000	55,000	63,000	81,000	97,000
1/4 of 1% REET - Other new homes		45,200	6,300	6,400	6,500	6,700	7,300	12,000
1/4 of 1% REET - MPD		518,000		32,000	65,000	100,000	135,000	186,000
Subtotal REET I Revenue	39,700	947,200	46,300	86,400	126,500	169,700	223,300	295,000
Reet II Transfer	93,500							
TOTAL Avail. Balance for Gen Govt Projects	458,365	1,226,900	326,000	279,500	259,098	305,146	341,754	432,662
REET I - PROJECT EXPENDITURES			Capital Plan 2013 - 2018					
	2012 REET I Budgeted & Funded	2013-2018 Summary Total	2013	2014	2015	2016	2017	2018
General Government								
A1 City Technology Upgrades	20,000	120,000	20,000	20,000	20,000	20,000	20,000	20,000
A2 Future Facility Site-Preliminary Engr/Design	17,500							
Subtotal General Government	37,500	120,000	20,000	20,000	20,000	20,000	20,000	20,000
Parks								
P5 Grant Matching	10,000	60,000	10,000	10,000	10,000	10,000	10,000	10,000
P12 Union Stump Memorial Park		20,000					20,000	
P13 Signage for Parks		15,000						15,000
Subtotal Parks Projects with REET I	10,000	95,000	10,000	10,000	10,000	10,000	30,000	25,000
Public Safety								
L1 Police Technology Upgrades	8,000	103,700	16,300	20,000	15,400	20,000	16,000	16,000
L2 Vehicle Replacement Plan	45,000	291,050	45,000	46,350	47,700	49,200	50,600	52,200
L3 Police Reroof		20,000		20,000				
L4 Repay Police Records Loan 2009	42,000	41,600	41,600					
SUBTOTAL POLICE	95,000	456,350	102,900	86,350	63,100	69,200	66,600	68,200
New Fire Station (study)	1,250							
Two New Fire Vehicles	34,915							
F1-4 Fire Loan Payments (Eng Repl/Aid Car/Brush Trk)		348,552		30,552	30,552	87,492	87,492	112,464
SUBTOTAL FIRE	36,165	348,552		30,552	30,552	87,492	87,492	112,464
Subtotal Public Safety Proj. with REET I	131,165	804,902	102,900	116,902	93,652	156,692	154,092	180,664
Total REET I Projects	178,665	1,019,902	91,300	116,350	93,100	99,200	116,600	113,200
Total REET I Debt		390,152	41,600	30,552	30,552	87,492	87,492	112,464
TOTAL REET I		1,410,054	132,900	146,902	123,652	186,692	204,092	225,664
REET I left for next year (Ending Balance)	279,700	206,998	193,100	132,598	135,446	118,454	137,662	206,998
REET based on Houses sold			2013	2014	2015	2016	2017	2018
Existing Property Sales (in 000's)			62 @\$250	75 @\$255	85 @\$260	95 @\$265	120 @\$270	140 @\$275
Other new home sales (in 000's)			10 @\$250	10 @\$255	10 @\$260	11 @\$265	12 @\$270	17 @\$275
MPD Phase 1 Resulting Sales -non commercial (in 000's)				50 @\$255	100 @\$260	150 @\$265	200 @\$270	270 @\$275
Population Base			4,060	4,077	4,239	4,536	4,971	5,514
Growth Increase (2.7 people per new household)			27	162	297	435	543	775
TOTAL POPULATION			4,087	4,239	4,536	4,971	5,514	6,289



## Overview of the Capital Improvement Plan

### What is the Capital Improvement Plan?

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

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

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

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

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

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

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

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



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

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

### Types of Capital Projects

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

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

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

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

## **Level of Service**

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

## **Maintenance and Funding Constraints**

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

## **Development and Approval Process**

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





# CITY OF BLACK DIAMOND

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

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