



CITY OF BLACK DIAMOND
October 15, 2009 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.

6:00 P.M. – CALL TO ORDER, ROLL CALL

- 1.) 2009-2014 Capital Facilities Plan for Public Works – Ms. Miller, Mr. Boettcher
- 2.) Adjournment

City of Black Diamond



Public Works

Capital Improvement Plan 2009 – 2014

Council Workshop

October 15, 2009

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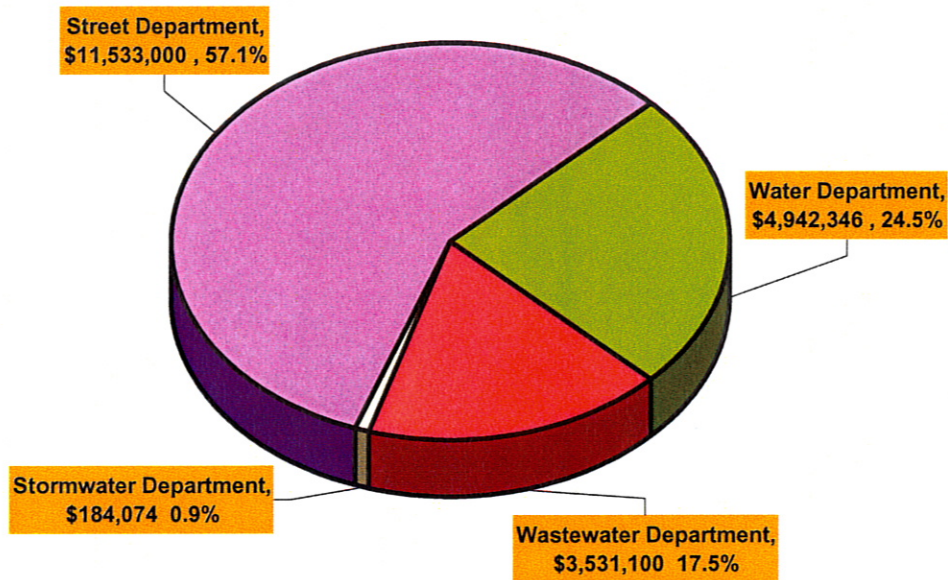


Public Works Department Summary

Capital Improvement Program 2009 - 2014

Departments	Total \$ Project	2009	2010	2011	2012	2013	2014
Street Department	11,533,000	259,957	2,110,043	30,000	420,000	1,703,000	7,010,000
Water Department	4,942,346	603,551	793,795	2,535,000	165,000	845,000	
Wastewater Department	3,531,100	131,100	480,000	310,000	1,260,000	60,000	1,290,000
Stormwater Department	184,074	156,074	28,000				
TOTAL Project COSTS	\$20,190,520	\$1,150,682	\$3,411,838	\$2,875,000	\$1,845,000	\$2,608,000	\$8,300,000

Public Works CIP by Department
Total: \$20,190,520





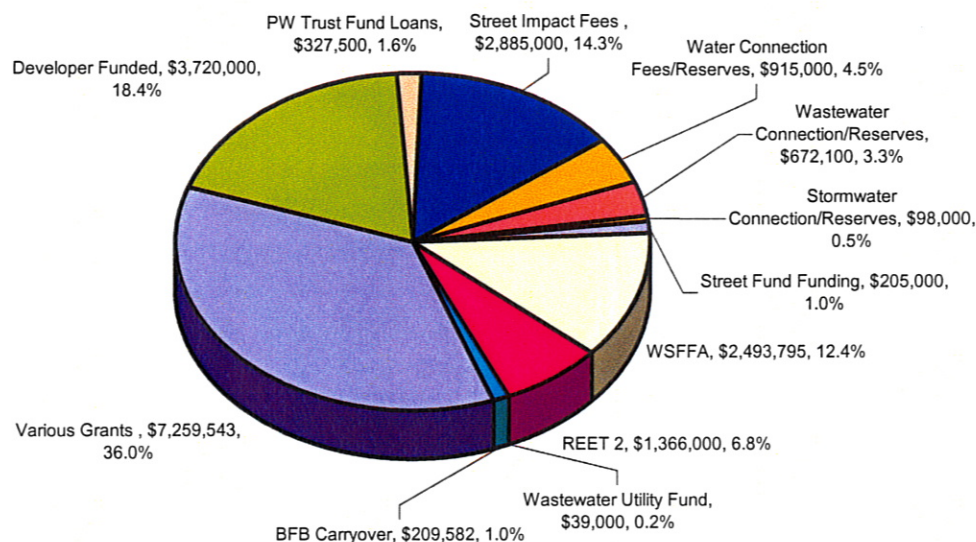
CIP Public Works Revenue Summary

Capital Improvement Program 2009 - 2014

REQUESTED FUNDING

	Total \$ Project	2009	2010	2011	2012	2013	2014
Various Grants	7,259,543	450,000	1,596,543		10,000	803,000	4,400,000
Developer Funded	3,720,000		300,000	100,000	1,320,000	800,000	1,200,000
Street Impact Fees	2,885,000					650,000	2,235,000
Water Connection Fees/Reserves	915,000	55,000	100,000	735,000			25,000
Wastewater Connection/Reserves	672,100	116,100	160,000	207,000	57,000	57,000	75,000
Stormwater Connection/Reserves	98,000		28,000		20,000		50,000
Street Fund Funding	205,000		20,000	30,000	95,000	30,000	30,000
WSFFA	2,493,795		693,795	1,800,000			
REET 2	1,366,000	325,000	366,000		340,000	265,000	70,000
Wastewater Utility Fund	39,000	5,000	10,000	3,000	3,000	3,000	15,000
PW Trust Fund Loans	327,500		127,500				200,000
BFB Carryover	209,582	199,582	10,000				
TOTAL SOURCES	\$20,190,520	\$1,150,682	\$3,411,838	\$2,875,000	\$1,845,000	\$2,608,000	\$8,300,000

Total: \$20,190,520



Non Capital Operating Costs

	Total \$ Requested	2009	2010	2011	2012	2013	2014
Maintenance Costs Roberts Dr.	10,000						10,000
Maint. Costs Infil/WBD Sewer Main	180,000	20,000	20,000	20,000	40,000	40,000	40,000
Debt pay PWTF Roberts Dr.	101,968			25,532	25,532	25,532	25,372
Debt pay PWTF Cedarbrook Sewer	62,000					31,050	30,950
Total Operating Public Works	353,968	20,000	20,000	45,532	65,532	96,582	106,322



REET 2 ANALYSIS SUMMARY

Capital Improvement Program 2009 - 2014

Real Estate Excise Tax Analysis

Key to Projects in the CIP:

T = Street
S = Wastewater
D = Stormwater
W = Water

REET 2 - REVENUE ANALYSIS

	2009	2010	2011	2012	2013	2014
Beginning Fund Balance	1,089,595	998,177	678,177	712,645	467,113	325,531
1/4 of 1% REET	30,000	30,000	50,000	100,000	150,000	150,000
Interest	4,000	6,000	10,000	20,000	30,000	30,000
BFB Carryover	199,582	10,000				
Available Balance	1,323,177	1,044,177	738,177	832,645	647,113	505,531

REET 2 Projects

T2 Railroad Avenue Reconstruction		162,100				
T3 Lawson Street & Newcastle Dr Intersection Repair	25,000					
T4 233rd Ave SE Repair and Overlay		35,000				
T5 Morgan Street Sidewalk Extension Phase II		46,400				
T6 Jones Lk. Road Regrading and Paving		30,000				
T7 Roberts Drive Sidewalk link to Morgan Street				120,000	30,000	
T8 SE 288th Street Overlay		70,000				
T9 B.D./Ravensdale & SR169 Intersection Approach					70,000	
T11 Roberts Drive Reconstruction		22,500		155,000	50,000	
T12 Pacific Street Neighborhood Improvements					70,000	30,000
T13 Intersection Improvements in Morganville						40,000
T14 Lake Sawyer Road Culvert and Guardrail				20,000		
W2 Railroad Avenue Water Main Upgrade	300,000					
W8 Public Works Yard Improvements				45,000	45,000	
Debt pay PWTF Roberts Dr.			25,532	25,532	25,532	25,372
Debt pay PWTF Cedarbrook Sewer					31,050	30,950

Total REET 2 Projects	325,000	366,000	25,532	365,532	321,582	126,322
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Ending Fund Balance	998,177	678,177	712,645	467,113	325,531	379,209
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CIP Public Works Revenue Summary

Capital Improvement Program 2009 - 2014

Key to Projects in the CIP:

T = Street
S = Wastewater
D = Stormwater
W = Water

No.	REQUESTED FUNDING	Total \$ Project	2009	2010	2011	2012	2013	2014
4	General Street Improvement	170,000	30,000	20,000	30,000	30,000	30,000	30,000
T2	Railroad Avenue Reconstruction	1,200,000	134,957	1,065,043				
T3	Lawson Street & Newcastle Dr Intersection Repair	25,000	25,000					
T4	233rd Ave SE Repair and Overlay	35,000		35,000				
T5	Morgan Street Sidewalk Extension Phase II	580,000	70,000	510,000				
T6	Jones Lk. Road Regrading and Paving	100,000		100,000				
T7	Roberts Drive Sidewalk link to Morgan Street	953,000				120,000	833,000	
T8	SE 288th Street Overlay	230,000		230,000				
T9	B.D./Ravensdale & SR169 Intersection Approach	70,000					70,000	
T10	SR-169 Widening Lawson & Baker St Intersection	1,550,000					350,000	1,200,000
T11	Roberts Drive Reconstruction	5,700,000		150,000		200,000	350,000	5,000,000
T12	Pacific Street Neighborhood Improvements	520,000					70,000	450,000
T13	Intersection Improvements in Morganville	80,000						80,000
T14	Lake Sawyer Road Culvert and Guardrail	320,000				70,000		250,000
W1	In City Forest Water Transmission Main Replacment	240,000	240,000					
W2	Railroad Avenue Water Main Upgrade	308,551	308,551					
W3	Springs Transmission Main Replacement Phase 1	1,213,795		413,795	800,000			
W4	Springs Transmission Main Replacement Phase 2	1,280,000		280,000	1,000,000			
W5	Roberts Drive Water Line Replacement	650,000			650,000			
W6	Meter Replacement Program	240,000	55,000	100,000	85,000			
W7	Pacific Street Water Line Loop	120,000				120,000		
W8	Public Works Yard Improvements	90,000				45,000	45,000	
W9	Fire Flow Loop to N. Commerical Area	800,000					800,000	
S1	Infiltration and Inflow Reduction Program	210,000	10,000	50,000	50,000	50,000	50,000	
S2	Replace Old Lawson Lift Station	50,000		50,000				
S3	Preserving Wastewater Treatment Plant for Future Use	30,000	10,000	20,000				
S4	Wastewater Comprehensive Plan Supplement	111,100	111,100					
S5	Cedarbrook Sewer Main	90,000						90,000
S6	Manhole Rehabilitation	40,000		10,000	10,000	10,000	10,000	
S7	West Black Diamond Wastewater Lift Station	1,600,000		300,000	100,000	1,200,000		
S8	Morganville Wastewater Lift Station Improvement	200,000		50,000	150,000			
S9	South Black Diamond Wastewater Trunk Extension	1,200,000						1,200,000
D1	Stormwater Comprehensive Plan	156,074	156,074					
D2	5th Ave Storm Drain Improvements	28,000		28,000				
Total Requested Projects		20,190,520	1,150,682	3,411,838	2,875,000	1,845,000	2,608,000	8,300,000

CIP Public Works Revenue Summary

Capital Improvement Program 2009 - 2014

Key to Projects in the CIP:

T = Street
S = Wastewater
D = Stormwater
W = Water

No.	REQUESTED FUNDING	Total \$ Project	2009	2010	2011	2012	2013	2014
REET 2 Funding								
T2	Railroad Avenue Reconstruction	162,100		162,100				
T3	Lawson Street & Newcastle Dr Intersection Repair	25,000	25,000					
T4	233rd Ave SE Repair and Overlay	35,000		35,000				
T5	Morgan Street Sidewalk Extension Phase II	46,400		46,400				
T6	Jones Lk. Road Regrading and Paving	30,000		30,000				
T7	Roberts Drive Sidewalk link to Morgan Street	150,000				120,000	30,000	
T8	SE 288th Street Overlay	70,000		70,000				
T9	B.D./Ravensdale & SR169 Intersection Approach	70,000					70,000	
T11	Roberts Drive Reconstruction	227,500		22,500		155,000	50,000	
T12	Pacific Street Neighborhood Improvements	100,000					70,000	30,000
T13	Intersection Improvements in Morganville	40,000						40,000
T14	Lake Sawyer Road Culvert and Guardrail	20,000				20,000		
W2	Railroad Avenue Water Main Upgrade	300,000	300,000					
W8	Public Works Yard Improvements	90,000				45,000	45,000	
Total REET 2 Funding		1,366,000	325,000	366,000		340,000	265,000	70,000
Water Connection Fees/Reserves								
W5	Roberts Drive Water Line Replacement	650,000			650,000			
W6	Meter Replacement Program	240,000	55,000	100,000	85,000			
T12	Pacific Street Neighborhood Improvements	25,000						25,000
Total Water Connection Fees/Reserves		915,000	55,000	100,000	735,000			25,000
Wastewater Connection Fees/Reserves								
S1	Infiltration and Inflow Reduction Program	200,000		50,000	50,000	50,000	50,000	
S2	Replace Old Lawson Lift Station	50,000		50,000				
S3	Preserving Wastewater Treatment Plant for Future Use	15,000	5,000	10,000				
S4	Wastewater Comprehensive Plan Supplement	111,100	111,100					
S5	Cedarbrook Sewer Main	75,000						75,000
S6	Manhole Rehabilitation	21,000			7,000	7,000	7,000	
S8	Morganville Wastewater Lift Station Improvement	200,000		50,000	150,000			
Total Wastewater Connection Fees/Reserves		672,100	116,100	160,000	207,000	57,000	57,000	75,000
Stormwater Connection Fees/Reserves								
D2	5th Ave Storm Drain Improvements	28,000		28,000				
T11	Roberts Drive Reconstruction	50,000						50,000
T14	Lake Sawyer Road Culvert and Guardrail	20,000				20,000		
Total Stormwater Connection Fees/Reserves		98,000		28,000		20,000		50,000
Street Impact or SEPA								
T10	SR-169 Widening Lawson & Baker St Intersection	1,550,000				350,000	1,200,000	
T11	Roberts Drive Reconstruction	900,000				300,000	600,000	
T12	Pacific Street Neighborhood Improvements	395,000						395,000
T13	Intersection Improvements in Morganville	40,000						40,000
Total Street Impact or SEPA Fees		2,885,000				650,000	2,235,000	

CIP Public Works Revenue Summary

Capital Improvement Program 2009 - 2014

Key to Projects in the CIP:

T = Street
S = Wastewater
D = Stormwater
W = Water

No.	REQUESTED FUNDING	Total \$ Project	2009	2010	2011	2012	2013	2014
Street Fund								
T1	General Street Improvement	140,000		20,000	30,000	30,000	30,000	30,000
T11	Roberts Drive Reconstruction	45,000				45,000		
T14	Lake Sawyer Road Culvert and Guardrail	20,000				20,000		
Total Street Fund Funding		205,000		20,000	30,000	95,000	30,000	30,000
WSFFA								
W3	Springs Transmission Main Replacement Phase 1	1,213,795		413,795	800,000			
W4	Springs Transmission Main Replacement Phase 2	1,280,000		280,000	1,000,000			
Total WSFFA		2,493,795		693,795	1,800,000			
Wastewater Utility Funding								
S3	Preserving Wastewater Treatment Plant	15,000	5,000	10,000				
S5	Cedarbrook Sewer Main	15,000						15,000
S6	Manhole Rehabilitation	9,000			3,000	3,000	3,000	
Total Wastewater Utility Funding		39,000	5,000	10,000	3,000	3,000	3,000	15,000
Grants								
T2	Railroad Avenue Reconstruction	967,943	65,000	902,943				
T6	Jones Lk. Road Regrading and Paving	70,000		70,000				
T8	SE 288th Street Overlay	160,000		160,000				
T11	Roberts Drive Reconstruction	4,150,000						4,150,000
T5	Morgan Street Sidewalk Extension Phase II	533,600	70,000	463,600				
T7	Roberts Drive Sidewalk link to Morgan Street	803,000					803,000	
T14	Lake Sawyer Road Culvert and Guardrail	260,000				10,000		250,000
W1	In City Forest Water Transmission Main Replacment	240,000	240,000					
D1	Stormwater Comprehensive Plan	75,000	75,000					
Total Grants		7,259,543	450,000	1,596,543		10,000	803,000	4,400,000
Loans (Public Works Trust Fund Loan)								
T11	Roberts Drive Reconstruction	327,500		127,500				200,000
Total PWTF Loans		327,500		127,500				200,000
Developer Funded/Impact Fees/SEPA								
S7	West Black Diamond Wastewater Lift Station	1,600,000		300,000	100,000	1,200,000		
S9	South Black Diamond Wastewater Trunk Extension	1,200,000						1,200,000
W7	Pacific Street Water Line Loop	120,000				120,000		
W9	Fire Flow Loop to N. Commerical Area	800,000					800,000	
Total Developer Funded		3,720,000		300,000	100,000	1,320,000	800,000	1,200,000
BFB Carryover								
T1	General Street Improvement	30,000	30,000					
T2	Railroad Avenue Reconstruction	69,957	69,957					
D1	Stormwater Comprehensive Plan	81,074	81,074					
S1	Infiltration and Inflow Reduction Program	10,000	10,000					
S6	Manhole Rehabilitation	10,000		10,000				
W2	Railroad Avenue Water Main Upgrade	8,551	8,551					
		209,582	199,582	10,000				
Grand Total Public Works CIP Funding		\$20,190,520	\$1,150,682	\$3,411,838	\$2,875,000	\$1,845,000	\$2,608,000	\$8,300,000

Street Department (Transportation Projects)

Capital Improvement Program 2009 - 2014

Expenditure Summary by Project

Project Name	Total \$ Requested	2009	2010	2011	2012	2013	2014
T1 General Street Improvement	170,000	30,000	20,000	30,000	30,000	30,000	30,000
T2 Railroad Avenue Reconstruction	1,200,000	134,957	1,065,043				
T3 Lawson Street & Newcastle Dr Intersection Repair	25,000	25,000					
T4 233rd Ave SE Repair and Overlay	35,000		35,000				
T5 Morgan Street Sidewalk Extension Phase II	580,000	70,000	510,000				
T6 Jones Lk. Road Regrading and Paving	100,000		100,000				
T7 Roberts Drive Sidewalk link to Morgan Street	953,000				120,000	833,000	
T8 SE 288th Street Overlay	230,000		230,000				
T9 B.D./Ravensdale & SR169 Intersection Approach	70,000					70,000	
T10 SR-169 Widening Lawson & Baker St Intersection	1,550,000					350,000	1,200,000
T11 Roberts Drive Reconstruction	5,700,000		150,000		200,000	350,000	5,000,000
T12 Pacific Street Neighborhood Improvements	520,000					70,000	450,000
T13 Intersection Improvements in Morganville	80,000						80,000
T14 Lake Sawyer Road Culvert and Guardrail	320,000				70,000		250,000
TOTAL EXPENDITURES	11,533,000	259,957	2,110,043	30,000	420,000	1,703,000	7,010,000

Funding Sources

	Total \$ Project	2009	2010	2011	2012	2013	2014
Transportation Improvement Board Grants							
T2 Railroad Avenue Reconstruction	967,943	65,000	902,943				
T6 Jones Lk. Road Regrading and Paving	70,000		70,000				
T8 SE 288th Street Overlay	160,000		160,000				
T11 Roberts Drive Reconstruction	4,150,000						4,150,000
Total TIB Grants	5,347,943	65,000	1,132,943				4,150,000
Community Development Block Grants							
T5 Morgan Street Sidewalk Extension Phase II	533,600	70,000	463,600				
Total CDBG Grants	533,600	70,000	463,600				
Grants Other							
T7 Roberts Drive Sidewalk link to Morgan Street	803,000					803,000	
T14 Lake Sawyer Road Culvert and Guardrail	260,000				10,000		250,000
Total Grants Other	1,063,000				10,000	803,000	250,000
Total Grant Funding	6,944,543	135,000	1,596,543		10,000	803,000	4,400,000
Water Connection Fees/Reserves							
T12 Pacific Street Neighborhood Improvements	25,000						25,000
Total Water Connection/Reserves Funding	25,000						25,000
Stormwater Connection Fees/Reserves							
T11 Roberts Drive Reconstruction	50,000						50,000
T14 Lake Sawyer Road Culvert and Guardrail	20,000				20,000		
Total Stormwater Connection/Reserves Funding	70,000				20,000		50,000
Street Fund Funding							
T1 General Street Improvement	140,000		20,000	30,000	30,000	30,000	30,000
T11 Roberts Drive Reconstruction	45,000				45,000		
T14 Lake Sawyer Road Culvert and Guardrail	20,000				20,000		
Total Street Fund Funding	205,000		20,000	30,000	95,000	30,000	30,000

Street Department (Transportation Projects)

Capital Improvement Program 2009 - 2014

	Total \$ Project	2009	2010	2011	2012	2013	2014
Developer Funded/Impact Fees/SEPA							
T10 SR-169 Widening Lawson & Baker St Intersection	1,550,000					350,000	1,200,000
T11 Roberts Drive Reconstruction	900,000					300,000	600,000
T12 Pacific Street Neighborhood Improvements	395,000						395,000
T13 Intersection Improvements in Morganville	40,000						40,000
Total Developer/Impact/SEPA Funding	2,885,000					650,000	2,235,000
Real Estate Excise Tax 2 Funding							
T2 Railroad Avenue Reconstruction	162,100		162,100				
T3 Lawson Street & Newcastle Dr Intersection Repair	25,000	25,000					
T4 233rd Ave SE Repair and Overlay	35,000		35,000				
T5 Morgan Street Sidewalk Extension Phase II	46,400		46,400				
T6 Jones Lk. Road Regrading and Paving	30,000		30,000				
T7 Roberts Drive Sidewalk link to Morgan Street	150,000				120,000	30,000	
T8 SE 288th Street Overlay	70,000		70,000				
T9 B.D./Ravensdale & SR169 Intersection Approach	70,000					70,000	
T11 Roberts Drive Reconstruction	227,500		22,500		155,000	50,000	
T12 Pacific Street Neighborhood Improvements	100,000					70,000	30,000
T13 Intersection Improvements in Morganville	40,000						40,000
T14 Lake Sawyer Road Culvert and Guardrail	20,000				20,000		
Total REET 2 Funding	976,000	25,000	366,000		295,000	220,000	70,000
PW Trust Fund Loan							
T11 Roberts Drive Reconstruction	327,500		127,500				200,000
Total Trust Fund Loan	327,500		127,500				200,000
BFB Carryover							
T1 General Street Improvement	30,000	30,000					
T2 Railroad Avenue Reconstruction	69,957	69,957					
Total BFB Carryover	99,957	99,957					
Total Street Projects	11,533,000	259,957	2,110,043	30,000	420,000	1,703,000	7,010,000



Capital Improvement Program 2009 - 2014

Project for the	Street	Department	# T1
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Account code 320 000 002

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 2010 allocation is being reduced to allow staff to catch up with beginning fund balance roll over.

CAPITAL PROJECT COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering							
Construction Costs	170,000	30,000	20,000	30,000	30,000	30,000	30,000
Capital Outlay							
Contingency							
TOTAL COSTS	\$170,000	\$30,000	\$20,000	\$30,000	\$30,000	\$30,000	\$30,000

REQUESTED FUNDING	Total \$ Project	2009	2010	2011	2012	2013	2014
Grants							
Water Connection/Reserves							
Wastewater Connection/Reserves							
Stormwater Connection/Reserves							
Street Funds	140,000		20,000	30,000	30,000	30,000	30,000
Developer/Impact Fees/SEPA							
Real Estate Excise Tax 1							
Real Estate Excise Tax 2							
PW Trust Fund Loan							
BFB Carryover	30,000	30,000					
TOTAL SOURCES	\$170,000	\$30,000	\$20,000	\$30,000	\$30,000	\$30,000	\$30,000

NON CAPITAL OPERATING COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Salaries, Benefits and Other							
Debt Repayment							
TOTAL OPERATING							



Capital Improvement Program 2009 - 2014

Project for the	Street	Department	# T2
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Account code 320 000 004

PROJECT TITLE Railroad Avenue Reconstruction

DESCRIPTION Widen and reconstruct the existing roadway; provide parking, sidewalks and illumination, stormwater collection treatment and detention.

BACKGROUND Railroad Avenue is a narrow roadway with badly deteriorated pavement and gravel parking with poor drainage. There is a need for sidewalks and street lighting.

COMMENTS \$1,200,000 in original 2009 plan, including \$69,957 carryover from 2008.

	Total \$ Requested	2009	2010	2011	2012	2013	2014
CAPITAL PROJECT COSTS							
Land/Right of Way	13,000	13,000					
Building Improvements							
Preliminary Engineering							
Design Engineering	121,957	121,957					
Construction Engineering	65,043		65,043				
Construction Costs	1,000,000		1,000,000				
Capital Outlay							
Contingency							
TOTAL COSTS	\$1,200,000	\$134,957	\$1,065,043				

	Total \$ Project	2009	2010	2011	2012	2013	2014
REQUESTED FUNDING							
Grants TIB	967,943	65,000	902,943				
Water Connection/Reserves							
Wastewater Connection/Reserves							
Stormwater Connection/Reserves							
Street Funds							
Developer/Impact Fees/SEPA							
Real Estate Excise Tax 1							
Real Estate Excise Tax 2	162,100		162,100				
PW Trust Fund Loan							
BFB Carryover	69,957	69,957					
TOTAL SOURCES	\$1,200,000	\$134,957	\$1,065,043				

	Total \$ Requested	2009	2010	2011	2012	2013	2014
NON CAPITAL OPERATING COSTS							
Salaries, Benefits and Other							
Debt Repayment							
TOTAL OPERATING							



Capital Improvement Program 2009 - 2014

Project for the	Street	Department	# T3
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Account code 320 000 009

PROJECT TITLE Lawson Street & Newcastle Dr Intersection Repair

DESCRIPTION Repair 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.

COMMENTS Reconstruction will avoid higher ongoing maintenance costs.

CAPITAL PROJECT COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering							
Construction Costs	25,000	25,000					
Capital Outlay							
Other (Specify)							
TOTAL COSTS	\$25,000	\$25,000					

REQUESTED FUNDING	Total \$ Project	2009	2010	2011	2012	2013	2014
Grants							
Water Connection/Reserves							
Wastewater Connection/Reserves							
Stormwater Connection/Reserves							
Street Funds							
Developer/Impact Fees/SEPA							
Real Estate Excise Tax 1							
Real Estate Excise Tax 2	25,000	25,000					
PW Trust Fund Loan							
BFB Carryover							
TOTAL SOURCES	\$25,000	\$25,000					

NON CAPITAL OPERATING COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Salaries, Benefits and Other							
Other (specify)							
TOTAL OPERATING							



Capital Improvement Program 2009 - 2014

Project for the	Street	Department	# T4
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Account code 320 000 005

PROJECT TITLE	233rd Ave SE Repair and Overlay
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DESCRIPTION Grind, patch, seal and overlay from SE 293rd Place south 500 feet to the end.

BACKGROUND This cul de sac is in bad condition and difficult to maintain. Pot hole maintenance on this cul de sac is particularly expensive because of the distance from old Black Diamond.

COMMENTS This project has been shifted from 2009 to 2010.

CAPITAL PROJECT COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering							
Construction Costs	35,000		35,000				
Capital Outlay							
Other (Specify)							
TOTAL COSTS	\$35,000		\$35,000				

REQUESTED FUNDING	Total \$ Project	2009	2010	2011	2012	2013	2014
Grants							
Water Connection/Reserves							
Wastewater Connection/Reserves							
Stormwater Connection/Reserves							
Street Funds							
Developer/Impact Fees/SEPA							
Real Estate Excise Tax 1							
Real Estate Excise Tax 2	35,000		35,000				
PW Trust Fund Loan							
BFB Carryover							
TOTAL SOURCES	\$35,000		\$35,000				

NON CAPITAL OPERATING COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Salaries, Benefits and Other							
Debt Repayment							
TOTAL OPERATING							



Capital Improvement Program 2009 - 2014

Project for the **Street** **Department** **# T5**

Account code 320 000 007

PROJECT TITLE **Morgan Street Sidewalk Extension Phase II**

DESCRIPTION

Install sidewalk, curb, gutter on the north side of Morgan Street from Abrams to Roberts Drive.

BACKGROUND

The need for sidewalks along Morgan Street is increasing because pedestrian traffic is growing. The staff has applied for two grants and is suggesting that the City provide inspections and project management in house. If the grants are not received this project should be put on hold. Over a long period of time the sidewalks could be installed as frontage improvements along with redevelopment along the corridor.

COMMENTS

The construction engineering piece of \$46,400 is intended to be done in-house but may be contracted.

CAPITAL PROJECT COSTS

	Total \$ Requested	2009	2010	2011	2012	2013	2014
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering	46,400		46,400				
Design Engineering	88,000	70,000	18,000				
Construction Costs	445,600		445,600				
Capital Outlay							
Other (Specify)							
TOTAL COSTS	\$580,000	\$70,000	\$510,000				

REQUESTED FUNDING

	Total \$ Project	2009	2010	2011	2012	2013	2014
Grants (CDBG)	533,600	70,000	463,600				
Water Connection/Reserves							
Wastewater Connection/Reserves							
Stormwater Connection/Reserves							
Street Funds							
Developer/Impact Fees/SEPA							
Real Estate Excise Tax 1							
Real Estate Excise Tax 2	46,400		46,400				
PW Trust Fund Loan							
BFB Carryover							
TOTAL SOURCES	\$580,000	\$70,000	\$510,000				

NON CAPITAL OPERATING COSTS

	Total \$ Requested	2009	2010	2011	2012	2013	2014
Salaries, Benefits and Other							
Debt Repayment							
TOTAL OPERATING							



Capital Improvement Program 2009 - 2014

Project for the **Street** **Department** **# T6**

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

DESCRIPTION The existing asphalt is deteriorating and must be replaced soon.

BACKGROUND This has been revised to a preservation 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

CAPITAL PROJECT COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering	10,000		10,000				
Design Engineering							
Construction Costs	90,000		90,000				
Capital Outlay							
Other (Specify)							
TOTAL COSTS	\$100,000		\$100,000				

REQUESTED FUNDING	Total \$ Project	2009	2010	2011	2012	2013	2014
Grants	70,000		70,000				
Water Connection/Reserves							
Wastewater Connection/Reserves							
Stormwater Connection/Reserves							
Street Funds							
Developer/Impact Fees/SEPA							
Real Estate Excise Tax 1							
Real Estate Excise Tax 2	30,000		30,000				
PW Trust Fund Loan							
BFB Carryover							
TOTAL SOURCES	\$100,000		\$100,000				

NON CAPITAL OPERATING COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Salaries, Benefits and Other							
Debt Repayment							
TOTAL OPERATING							



Capital Improvement Program 2009 - 2014

Project for the	Street	Department	#	T7
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PROJECT TITLE	Roberts Drive Sidewalk link to Morgan Street
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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 storm water.

BACKGROUND

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

COMMENTS

This project was revised from a longer trail/sidewalk project to a 1/2 street improvement project as it is difficult to install a stand alone sidewalk with limited right of way. The length of the project was also reduced to closer fit the amount of money that is available for sidewalk projects.

CAPITAL PROJECT COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Land/Right of Way	20,000				20,000		
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering	175,000				100,000	75,000	
Construction Costs	758,000					758,000	
Capital Outlay							
Other (Specify)							
TOTAL COSTS	\$953,000				\$120,000	\$833,000	

REQUESTED FUNDING	Total \$ Project	2009	2010	2011	2012	2013	2014
Grants TIB	803,000					803,000	
Water Connection/Reserves							
Wastewater Connection/Reserves							
Stormwater Connection/Reserves							
Street Funds							
Developer/Impact Fees/SEPA							
Real Estate Excise Tax 1							
Real Estate Excise Tax 2	150,000				120,000	30,000	
PW Trust Fund Loan							
BFB Carryover							
TOTAL SOURCES	\$953,000				\$120,000	\$833,000	

NON CAPITAL OPERATING COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Salaries, Benefits and Other							
Other (specify)							
TOTAL OPERATING							



Capital Improvement Program 2009 - 2014

Project for the	Street	Department	# T8
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PROJECT TITLE SE 288th Street Overlay

DESCRIPTION	Patch and overlay the existing roadway from 236th Ave SE to 216th Ave SE.
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 suggest leveraging more than \$100,000.
COMMENTS	Preparatory patching will be needed before overlay.

CAPITAL PROJECT COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering	10,000		10,000				
Design Engineering							
Construction Costs	220,000		220,000				
Capital Outlay							
Other (Specify)							
TOTAL COSTS	\$230,000		\$230,000				

REQUESTED FUNDING	Total \$ Project	2009	2010	2011	2012	2013	2014
Grants TIB	160,000		160,000				
Water Connection/Reserves							
Wastewater Connection/Reserves							
Stormwater Connection/Reserves							
Street Funds							
Developer/Impact Fees/SEPA							
Real Estate Excise Tax 1							
Real Estate Excise Tax 2	70,000		70,000				
PW Trust Fund Loan							
BFB Carryover							
TOTAL SOURCES	\$230,000		\$230,000				

NON CAPITAL OPERATING COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Salaries, Benefits and Other							
Debt Repayment							
TOTAL OPERATING							



Capital Improvement Program 2009 - 2014

Project for the	Street	Department	# T9
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PROJECT TITLE B.D./Ravensdale & SR169 Intersection Approach

DESCRIPTION Patch and overlay the existing intersection.

BACKGROUND The pavement condition has deteriorated and the lane configuration is poorly defined.

COMMENTS In the long term the realignment of Black Diamond/Ravensdale Road further to the north is being considered or other intersection alignments. Realignment of this intersection will probably be accomplished by developers as project mitigation.

CAPITAL PROJECT COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering	10,000					10,000	
Construction Costs	60,000					60,000	
Capital Outlay							
Other (Specify)							
TOTAL COSTS	\$70,000					\$70,000	

REQUESTED FUNDING	Total \$ Project	2009	2010	2011	2012	2013	2014
Grants TIB							
Water Connection/Reserves							
Wastewater Connection/Reserves							
Stormwater Connection/Reserves							
Street Funds							
Developer/Impact Fees/SEPA							
Real Estate Excise Tax 1							
Real Estate Excise Tax 2	70,000					70,000	
PW Trust Fund Loan							
BFB Carryover							
TOTAL SOURCES	\$70,000					\$70,000	

NON CAPITAL OPERATING COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Salaries, Benefits and Other							
Other (specify)							
TOTAL OPERATING							



Capital Improvement Program 2009 - 2014

Project for the	Street	Department	# T10
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PROJECT TITLE	SR-169 Widening Lawson & Baker St Intersection
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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 development through the State Environmental Policy Act and potentially Traffic Impact Fees

COMMENTS

CAPITAL PROJECT COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Land/Right of Way	200,000					200,000	
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering	150,000					150,000	
Construction Costs	1,200,000						1,200,000
Capital Outlay							
Other (Specify)							
TOTAL COSTS	\$1,550,000					\$350,000	\$1,200,000

REQUESTED FUNDING	Total \$ Project	2009	2010	2011	2012	2013	2014
Grants TIB							
Water Connection/Reserves							
Wastewater Connection/Reserves							
Stormwater Connection/Reserves							
Street Funds							
Developer/Impact Fees/SEPA						350,000	1,200,000
Real Estate Excise Tax 1							
Real Estate Excise Tax 2							
PW Trust Fund Loan							
BFB Carryover							
TOTAL SOURCES	\$1,550,000					\$350,000	\$1,200,000

NON CAPITAL OPERATING COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Salaries, Benefits and Other							
Debt Repayment							
TOTAL OPERATING							



Capital Improvement Program 2009 - 2014

Project for the **Streets** **Department** **# T11**

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 storm water solutions, process through NEPA and SEPA, resolve the concrete panel fix, so the project can be prepared for grant funding.

CAPITAL PROJECT COSTS

Total \$ Requested	2009	2010	2011	2012	2013	2014
Land/Right of Way	200,000			200,000		
Building Improvements						
Preliminary Engineering	150,000	150,000				
Construction Engineering	50,000					50,000
Design Engineering	350,000				350,000	
Construction Costs	4,950,000					4,950,000
Capital Outlay						
Other (Specify)						
TOTAL COSTS	\$5,700,000	\$150,000		\$200,000	\$350,000	\$5,000,000

REQUESTED FUNDING

Total \$ Project	2009	2010	2011	2012	2013	2014
Grants	4,150,000					4,150,000
Water Connection/Reserves						
Wastewater Connection/Reserves						
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 1						
Real Estate Excise Tax 2	227,500	22,500		155,000	50,000	
PW Trust Fund Loan	327,500	127,500				200,000
BFB Carryover						
TOTAL SOURCES	\$5,700,000	\$150,000		\$200,000	\$350,000	\$5,000,000

NON CAPITAL OPERATING COSTS

Total \$ Requested	2009	2010	2011	2012	2013	2014
Salaries, Benefits and Maint.	10,000					10,000
Loan Payment REET2 (.05 int)	101,968		25,532	25,532	25,532	25,372
TOTAL OPERATING	111,968		25,532	25,532	25,532	35,372



Capital Improvement Program 2009 - 2014

Project for the **Streets** **Department** **# T12**

PROJECT TITLE **Pacific Street Neighborhood Improvements**

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

BACKGROUND Gravel road requires 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	Total \$ Requested	2009	2010	2011	2012	2013	2014
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering	70,000					70,000	
Construction Costs	450,000						450,000
Capital Outlay							
Other (Specify)							
TOTAL COSTS	\$520,000					\$70,000	\$450,000

REQUESTED FUNDING	Total \$ Project	2009	2010	2011	2012	2013	2014
Grants (CDBG)							
Water Connection/Reserves	25,000						25,000
Wastewater Connection/Reserves							
Stormwater Connection/Reserves							
Street Funds							
Developer/Impact Fees/SEPA	395,000						395,000
Real Estate Excise Tax 1							
Real Estate Excise Tax 2	70,000					70,000	30,000
PW Trust Fund Loan							
BFB Carryover							
TOTAL SOURCES	\$520,000					\$70,000	\$450,000

NON CAPITAL OPERATING COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Salaries, Benefits and Other							
Other (specify)							
TOTAL OPERATING							



Capital Improvement Program 2009 - 2014

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

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 Note these preliminary efforts do not include construction and acquiring of the right-of-way.

CAPITAL PROJECT COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Land/Right of Way	40,000						40,000
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering	40,000						40,000
Construction Costs							
Capital Outlay							
Other (Specify)							
TOTAL COSTS	\$80,000						\$80,000

REQUESTED FUNDING	Total \$ Project	2009	2010	2011	2012	2013	2014
Grants							
Water Connection/Reserves							
Wastewater Connection/Reserves							
Stormwater Connection/Reserves							
Street Funds							
Developer/Impact Fees/SEPA	40,000						40,000
Real Estate Excise Tax 1							
Real Estate Excise Tax 2	40,000						40,000
PW Trust Fund Loan							
BFB Carryover							
TOTAL SOURCES	\$80,000						\$80,000

NON CAPITAL OPERATING COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Salaries, Benefits and Other							
Other (specify)							
TOTAL OPERATING							



Capital Improvement Program 2009 - 2014

Project for the	Street	Department	# T14
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PROJECT TITLE Lake Sawyer Road Culvert and Guardrail

DESCRIPTION	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	Total \$ Requested	2009	2010	2011	2012	2013	2014
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering	70,000				70,000		
Construction Costs	250,000						250,000
Capital Outlay							
Other (Specify)							
TOTAL COSTS	\$320,000				\$70,000		\$250,000

REQUESTED FUNDING	Total \$ Project	2009	2010	2011	2012	2013	2014
Grants	260,000				10,000		250,000
Water Connection/Reserves							
Wastewater Connection/Reserves							
Stormwater Connection/Reserves	20,000				20,000		
Street Funds	20,000				20,000		
Developer/Impact Fees/SEPA							
Real Estate Excise Tax 1							
Real Estate Excise Tax 2	20,000				20,000		
PW Trust Fund Loan							
BFB Carryover							
TOTAL SOURCES	\$320,000				\$70,000		\$250,000

NON CAPITAL OPERATING COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Salaries, Benefits and Other							
Other (specify)							
TOTAL OPERATING							

Water Department

Capital Improvement Program 2008 - 2013

Funding Summary by Project

Project Name	Total \$ Requested	2009	2010	2011	2012	2013	2014
W1 In City Forest Water Transmission Main Replacment	240,000	240,000					
W2 Railroad Avenue Water Main Upgrade	308,551	308,551					
W3 Springs Transmission Main Replacement Phase 1	1,213,795		413,795	800,000			
W4 Springs Transmission Main Replacement Phase 2	1,280,000		280,000	1,000,000			
W5 Roberts Drive Water Line Replacement	650,000			650,000			
W6 Meter Replacement Program	240,000	55,000	100,000	85,000			
W7 Pacific Street Water Line Loop	120,000				120,000		
W8 Public Works Yard Improvements	90,000				45,000	45,000	
W9 Fire Flow Loop to N. Commerical Area	800,000					800,000	
TOTAL EXPENDITURES	4,942,346	603,551	793,795	2,535,000	165,000	845,000	

Funding Sources

	Total \$ Project	2009	2010	2011	2012	2013	2014
Congressional Grant Funding							
W1 In City Forest Water Transmission Main Replacment	240,000	240,000					
Total Grant Funding	240,000	240,000					
REET 2							
W2 Railroad Avenue Water Main Upgrade	300,000	300,000					
W8 Public Works Yard Improvements	90,000				45,000	45,000	
Total REET 2	390,000	300,000			45,000	45,000	
Water System and Facilities Funding Agreement (WSFFA)							
W3 Springs Transmission Main Replacement Phase 1	1,213,795		413,795	800,000			
W4 Springs Transmission Main Replacement Phase 2	1,280,000		280,000	1,000,000			
Total WSFFA Funds	2,493,795		693,795	1,800,000			
Water Connection Fees and Reserves							
W5 Roberts Drive Water Line Replacement	650,000			650,000			
W6 Meter Replacement Program	240,000	55,000	100,000	85,000			
Total Water Connection Fees	890,000	55,000	100,000	735,000			
Developer Funded or Connection Fees							
W7 Pacific Street Water Line Loop	120,000				120,000		
W9 Fire Flow Loop to N. Commerical Area	800,000					800,000	
Total Developer Funded or Connection Fees	920,000				120,000	800,000	
Beginning Fund Balance Water Fund Carryover							
W2 Railroad Avenue Water Main Upgrade	8,551	8,551					
Total BFB Water Fund Carryover	8,551	8,551					
Total Water Projects	4,942,346	603,551	793,795	2,535,000	165,000	845,000	



Capital Improvement Program 2009 - 2014

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

PROJECT TITLE **In City Forest Water Transmission Main Replacment**

DESCRIPTION Replace 1000 to 1400 feet of existing 6 and 8 inch asbestos concrete water main across the In City Forest and east down toward the springs.

BACKGROUND The City received a congressional earmark grant for this project.

COMMENTS

CAPITAL PROJECT COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Land/Right of Way							
Building Improvements							
Preliminary Engineering	40,000	40,000					
Construction Engineering	20,000	20,000					
Design Engineering							
Construction Costs	180,000	180,000					
Capital Outlay							
Other (Specify)							
TOTAL COSTS	\$240,000	\$240,000					

REQUESTED FUNDING	Total \$ Project	2009	2010	2011	2012	2013	2014
Grants (Congressional Earmark)	240,000	240,000					
Water Connection Fees/Res							
Stormwater Connection Fees/Res							
Street Funds							
Developer Funded or Connection Fees							
Real Estate Excise Tax 1							
Real Estate Excise Tax 2							
Other (specify)							
TOTAL SOURCES	\$240,000	\$240,000					

NON CAPITAL OPERATING COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Salaries and Benefits							
Other (specify)							
TOTAL OPERATING							



Capital Improvement Program 2009 - 2014

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

Account number 320 000 004

PROJECT TITLE **Railroad Avenue Water Main Upgrade**

DESCRIPTION

Replace the 4 inch asbestos concrete pipe in Railroad Avenue with 12 inch ductile iron with 12 inch connections planned west on Morgan Street and east on Baker.

BACKGROUND

City staff and Council prioritized this work in anticipation of the street improvements.

COMMENTS

2009 includes 2008 and 2009 revenue and expenses, plus \$8,551 Water carryover.

CAPITAL PROJECT COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering							
Construction Costs	308,551	308,551					
Capital Outlay							
Contingency							
TOTAL COSTS	\$308,551	\$308,551					

REQUESTED FUNDING	Total \$ Project	2009	2010	2011	2012	2013	2014
Grants (TIB: Trans Improv Board)							
BFB Water Utility Fund	8,551	8,551					
Wastewater Utility Fund							
Stormwater Connection Fees/Res							
Street Funds							
Water Connection Fees							
Real Estate Excise Tax 2	300,000	300,000					
REET 2 Transfer per							
Water capital carryover							
TOTAL SOURCES	\$308,551	\$308,551					

NON CAPITAL OPERATING COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Salaries and Benefits							
Debt Repayment							
TOTAL OPERATING							



Capital Improvement Program 2009 - 2014

Project for the	Water	Department	#	W3
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Account Number 402 000 003

PROJECT TITLE	Springs Transmission Main Replacement Phase 1
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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.
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BACKGROUND	This is a capacity and system reliability project funded by the Water Supply Facilities Funding Agreement.
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COMMENTS

CAPITAL PROJECT COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Land/Right of Way							
Building Improvements							
Preliminary Engineering	100,000		100,000				
Construction Engineering							
Design Engineering	113,795		113,795				
Construction Costs	1,000,000		200,000	800,000			
Capital Outlay							
Other (Specify)							
TOTAL COSTS	\$1,213,795		\$413,795	\$800,000			

REQUESTED FUNDING	Total \$ Project	2009	2010	2011	2012	2013	2014
Grants							
Water Connection Fees/Reserves							
Wastewater Utility Fund							
Stormwater Connect Fees/Res							
Street Funds							
Real Estate Excise Tax 2							
Water Syst & Fac. Funding Agrmt.	1,213,795		413,795	800,000			
TOTAL SOURCES	\$1,213,795		\$413,795	\$800,000			

NON CAPITAL OPERATING COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Salaries and Benefits							
Debt Repayment							
TOTAL OPERATING							



Capital Improvement Program 2009 - 2014

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

Account Number 402 000 003

PROJECT TITLE **Springs Transmission Main Replacement Phase 2**

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 Further study is needed to determine the best alternative for piping drinking water from the springs to the North Bank Pump Station.

COMMENTS Includes \$80,000 in legal costs.

CAPITAL PROJECT COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering	100,000		100,000				
Design Engineering	100,000		100,000				
Construction Costs	1,000,000			1,000,000			
Capital Outlay							
Legal Fees	80,000		80,000				
TOTAL COSTS	\$1,280,000		\$280,000	\$1,000,000			

REQUESTED FUNDING	Total \$ Project	2009	2010	2011	2012	2013	2014
Grants							
Water Connection Fees/Reserves							
Wastewater Utility Fund							
Stormwater Connectin Fees/Res							
Street Funds							
Real Estate Excise Tax 2							
Water Syst & Fac. Funding Agrmt.	1,280,000		280,000	1,000,000			
TOTAL SOURCES	\$1,280,000		\$280,000	\$1,000,000			

NON CAPITAL OPERATING COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Salaries and Benefits							
Debt Repayment							
TOTAL OPERATING							



Capital Improvement Program 2009 - 2014

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

PROJECT TITLE **Roberts Drive Water Line Replacement**

DESCRIPTION

Replace 2200 lineal feet of 6 inch PVC, asbestos concrete and 8 inch ductile iron with 12 inch ductile iron along Roberts Drive from Morgan Drive, east on Roberts to the tie in with the existing 12 inch ductile iron water line.

BACKGROUND

Additional supply is needed for anticipated growth in the area known as the Villages. Although an intertie with Tacoma is planned the redundancy of service is needed for water service to Villages from the City water system.

COMMENTS

This could also be a developer extension as part of first phases of development.

CAPITAL PROJECT COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering	40,000			40,000			
Construction Costs	610,000			610,000			
Capital Outlay							
Other (Specify)							
TOTAL COSTS	\$650,000			\$650,000			

REQUESTED FUNDING	Total \$ Project	2009	2010	2011	2012	2013	2014
Grants							
Water Connection Fees/Reserves							
Wastewater Utility Fund							
Stormwater Utility Fund							
Street Funds							
Connection Fees							
Real Estate Excise Tax 2							
Developer Funded	650,000			650,000			
TOTAL SOURCES	\$650,000			\$650,000			

NON CAPITAL OPERATING COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Salaries and Benefits							
Debt Repayment							
TOTAL OPERATING							



Capital Improvement Program 2009 - 2014

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

Account Number 404 000 001

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 200 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.

CAPITAL PROJECT COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering							
Construction Costs	240,000	55,000	100,000	85,000			
Capital Outlay							
Other (Specify)							
TOTAL COSTS	\$240,000	\$55,000	\$100,000	\$85,000			

REQUESTED FUNDING	Total \$ Project	2009	2010	2011	2012	2013	2014
Grants							
Water Connection Fees/Reserves	240,000	55,000	100,000	85,000			
Stormwater Connection Fees/Res							
Street Funds							
Real Estate Excise Tax 1							
Real Estate Excise Tax 2							
Other (specify)							
TOTAL SOURCES	\$240,000	\$55,000	\$100,000	\$85,000			

NON CAPITAL OPERATING COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Salaries and Benefits							
Other (specify)							
TOTAL OPERATING							



Capital Improvement Program 2009 - 2014

Project for the **Water** **Department** **# W7**

PROJECT TITLE **Pacific Street Water Line Loop**

DESCRIPTION Construction of 1200 Lineal feet of 8 inch ductile iron water line from Intersection with Pacific to Old Lawson Road to provide system looping.

BACKGROUND There is a portion of 2 inch water main that a private developer is obligated to upgrade to an 8 inch size water main. The City will provide the developer with the opportunity to contribute to the public project to fulfill developer portion of the obligation.

COMMENTS

	Total \$ Requested	2009	2010	2011	2012	2013	2014
CAPITAL PROJECT COSTS							
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering	20,000				20,000		
Construction Costs	100,000				100,000		
Capital Outlay							
Contingency							
TOTAL COSTS	\$120,000				\$120,000		

	Total \$ Project	2009	2010	2011	2012	2013	2014
REQUESTED FUNDING							
Grants (specify)							
Water Connection Fees/Reserves							
Wastewater Utility Fund							
Stormwater Connection Fees/Res							
Street Funds							
Developer Funded	120,000				120,000		
REET 2							
Other (specify)							
TOTAL SOURCES	\$120,000				\$120,000		

	Total \$ Requested	2009	2010	2011	2012	2013	2014
NON CAPITAL OPERATING COSTS							
Salaries and Benefits							
Debt Repayment							
TOTAL OPERATING							



Capital Improvement Program 2009 - 2014

Project for the	Water	Department		# W8
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PROJECT TITLE	Public Works Yard Improvements
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DESCRIPTION

In 2012 the City will fund a site assessment and study on the Public Works Yard and security needs. And as part of the NPDES requirement, the City will bring operations in line with best management practices for equipment storage, washdown areas, contaminated materials storage and proper storage of hazardous materials in 2013.

BACKGROUND

The Public Works site study will address proper stormwater treatment and other improvements to protect surface water. Other long range improvements that will be planned for the future include providing adequate screening for the neighborhood and remodel buildings to house equipment and provide office work stations, file storage, a small lunch room, showers, lockers materials handling and storage, and machinery/equipment building. A security fence will be part of the warehouse improvement project.

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.

CAPITAL PROJECT COSTS

	Total \$ Requested	2009	2010	2011	2012	2013	2014
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering							
Construction Costs							
Capital Outlay	50,000				25,000	25,000	
Study	40,000				20,000	20,000	
TOTAL COSTS	\$90,000				\$45,000	\$45,000	

REQUESTED FUNDING

	Total \$ Project	2009	2010	2011	2012	2013	2014
Grants (specify)							
Water Conn Fees/Res							
Wastewater Conn Fees/Res							
Stormwater Conn Fees/Res							
Street Funds							
Water Connection Fees/Reserves							
Real Estate Excise Tax 2	90,000				45,000	45,000	
Other (specify)							
TOTAL SOURCES	\$90,000				\$45,000	\$45,000	

NON CAPITAL OPERATING COSTS

	Total \$ Requested	2009	2010	2011	2012	2013	2014
Salaries and Benefits							
Other (specify)							
TOTAL OPERATING							



Capital Improvement Program 2009 - 2014

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

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 and link the east 169 water main to the north commerical area.

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

CAPITAL PROJECT COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering							
Construction Costs	800,000					800,000	
Capital Outlay							
Other (Specify)							
TOTAL COSTS	\$800,000					\$800,000	

REQUESTED FUNDING	Total \$ Project	2009	2010	2011	2012	2013	2014
Grants (specify)							
Water Connection Fees/Reserves							
Stormwater Connection Fees/Res							
Street Funds							
Developer Funded	800,000					800,000	
Real Estate Excise Tax 1							
Real Estate Excise Tax 2							
Other (specify)							
TOTAL SOURCES	\$800,000					\$800,000	

NON CAPITAL OPERATING COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Salaries and Benefits							
Other (specify)							
TOTAL OPERATING							

Wastewater Department

Capital Improvement Program 2009 - 2014

Expenditure Summary by Project

Project Name	Total \$ Requested	2009	2010	2011	2012	2013	2014
S1 Infiltration and Inflow Reduction Program	210,000	10,000	50,000	50,000	50,000	50,000	
S2 Replace Old Lawson Lift Station	50,000		50,000				
S3 Preserving Wastewater Treatment Plant for Future Use	30,000	10,000	20,000				
S4 Wastewater Comprehensive Plan Supplement	111,100	111,100					
S5 Cedarbrook Sewer Main	90,000						90,000
S6 Manhole Rehabilitation	40,000		10,000	10,000	10,000	10,000	
S7 West Black Diamond Wastewater Lift Station	1,600,000		300,000	100,000	1,200,000		
S8 Morganville Wastewater Lift Station Improvement	200,000		50,000	150,000			
S9 South Black Diamond Wastewater Trunk Extension	1,200,000						1,200,000
TOTAL EXPENDITURES	3,531,100	131,100	480,000	310,000	1,260,000	60,000	1,290,000

Funding Sources

	Total \$ Project	2009	2010	2011	2012	2013	2014
Wastewater Utility Funding							
S3 Preserving Wastewater Treatment Plant	15,000	5,000	10,000				
S5 Cedarbrook Sewer Main	15,000						15,000
S6 Manhole Rehabilitation	9,000			3,000	3,000	3,000	
Total Wastewater Utility Funding	39,000	5,000	10,000	3,000	3,000	3,000	15,000
Wastewater Connection Fees or Reserves							
S1 Infiltration and Inflow Reduction Program	200,000		50,000	50,000	50,000	50,000	
S2 Replace Old Lawson Lift Station	50,000		50,000				
S3 Preserving Wastewater Treatment Plant for Future Use	15,000	5,000	10,000				
S4 Wastewater Comprehensive Plan Supplement	111,100	111,100					
S5 Cedarbrook Sewer Main	75,000						75,000
S6 Manhole Rehabilitation	21,000			7,000	7,000	7,000	
S8 Morganville Wastewater Lift Station Improvement	200,000		50,000	150,000			
Total Wastewater Connection Fees/Reserves	672,100	116,100	160,000	207,000	57,000	57,000	75,000
Developer Funding							
S7 West Black Diamond Wastewater Lift Station	1,600,000		300,000	100,000	1,200,000		
S9 South Black Diamond Wastewater Trunk Extension	1,200,000						1,200,000
	2,800,000		300,000	100,000	1,200,000		1,200,000
BFB Carryover							
S1 Infiltration and Inflow Reduction Program	10,000	10,000					
S6 Manhole Rehabilitation	10,000		10,000				
	20,000	10,000	10,000				
Total Wastewater Projects	3,531,100	131,100	480,000	310,000	1,260,000	60,000	1,290,000



Capital Improvement Program 2009 - 2014

Project for the Wastewater Department # S1

Account Number 408 000 001

PROJECT TITLE Infiltration and Inflow Reduction Program

DESCRIPTION TV inspections, smoke testing, new ordinance and policy review, and then pipe rehabilitation, sealing, or replacement as needed, monitor effectiveness.

BACKGROUND The City 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 Other projects and duties have delayed this project.

CAPITAL PROJECT COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering	160,000		40,000	40,000	40,000	40,000	
Design Engineering	50,000	10,000	10,000	10,000	10,000	10,000	
Construction Costs							
Capital Outlay							
Other (Specify)							
TOTAL COSTS	\$210,000	\$10,000	\$50,000	\$50,000	\$50,000	\$50,000	

REQUESTED FUNDING	Total \$ Project	2009	2010	2011	2012	2013	2014
Grants							
Water Connection Fees/Reserves							
Wastewater Utility Fund							
Stormwater Conn Fees/Reserves							
Street Funds							
Wastewtr Connection Fees/Res	200,000		50,000	50,000	50,000	50,000	
Real Estate Excise Tax 1							
Real Estate Excise Tax 2							
Public Works Trust Fund							
BFB Carryover	10,000	10,000					
TOTAL SOURCES	\$210,000	\$10,000	\$50,000	\$50,000	\$50,000	\$50,000	

NON CAPITAL OPERATING COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
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 2009 - 2014

Project for the Wastewater Department # S2

Account Number 408 000 002

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.

COMMENTS No carryover.

CAPITAL PROJECT COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering	50,000		50,000				
Design Engineering							
Construction Costs							
Capital Outlay							
Other (Specify)							
TOTAL COSTS	\$50,000		\$50,000				

REQUESTED FUNDING	Total \$ Project	2009	2010	2011	2012	2013	2014
Grants							
Water Connection Fees/Reserves							
Wastewater Utility Fund							
Stormwater Conn Fees/Reserves							
Street Funds							
Wastewtr Connection Fees/Res	50,000		50,000				
Real Estate Excise Tax 1							
Real Estate Excise Tax 2							
Public Works Trust Fund							
Developer Funded							
TOTAL SOURCES	\$50,000		\$50,000				

NON CAPITAL OPERATING COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Salaries, Benefits and Other							
Debt Repayment							
TOTAL OPERATING							



Capital Improvement Program 2009 - 2014

Project for the Wastewater Department # S3

Account Number 408 000 003

PROJECT TITLE Preserving Wastewater Treatment Plant for Future Use

DESCRIPTION

Repair fencing, clear encroaching brush and trees, dispose unusable materials, remove equipment to storage, secure or demolish the building. Install monitoring and security equipment. Begin a treatment program for the remaining biosolids.

BACKGROUND

Most of the work described above can be accomplished by City staff. The wastewater treatment plant site may also be a future option for a King County wastewater reclamation treatment plant.

COMMENTS

No carryover.

CAPITAL PROJECT COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering							
Construction Costs	30,000	10,000	20,000				
Capital Outlay							
Contingency							
TOTAL COSTS	\$30,000	\$10,000	\$20,000				

REQUESTED FUNDING	Total \$ Project	2009	2010	2011	2012	2013	2014
Grants							
Water Connection Fees/Reserves							
Wastewater Utility Fund	15,000	5,000	10,000				
Stormwater Conn Fees/Reserves							
Street Funds							
Wastewtr Connection Fees/Res	15,000	5,000	10,000				
Real Estate Excise Tax 1							
Real Estate Excise Tax 2							
Public Works Trust Fund							
Other (specify)							
TOTAL SOURCES	\$30,000	\$10,000	\$20,000				

NON CAPITAL OPERATING COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Salaries, Benefits and Other							
Debt Repayment							
TOTAL OPERATING							



Capital Improvement Program 2009 - 2014

Project for the Wastewater Department # S4

Account Number 408 000 004

PROJECT TITLE Wastewater Comprehensive Plan Supplement

DESCRIPTION

Additional planning and preliminary engineering is needed for the optimal efficiency of service to the new wastewater service areas to be developed.

BACKGROUND

The most efficient routes of wastewater service from sites that will minimize the number of wastewater pump stations have not been determined and may involve acquiring easements from properties that are not owned by the major developer or the City. The City is required to update the wastewater comprehensive plan as needed or every six years. The last wastewater comprehensive plan was completed in 2003.

COMMENTS

Per ordinance 09-599 \$31,100 was to this project in 2009.

CAPITAL PROJECT COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Land/Right of Way							
Building Improvements							
Preliminary Engineering	111,100	111,100					
Construction Engineering							
Design Engineering							
Construction Costs							
Capital Outlay							
Other (Specify)							
TOTAL COSTS	\$111,100	\$111,100					

REQUESTED FUNDING	Total \$ Project	2009	2010	2011	2012	2013	2014
Grants							
Water Connection Fees/Reserves							
Wastewater Utility Fund							
Stormwater Conn Fees/Reserves							
Street Funds							
Wastewtr Connection Fees/Res	111,100	111,100					
Real Estate Excise Tax 1							
Real Estate Excise Tax 2							
Public Works Trust Fund							
Other (specify)							
TOTAL SOURCES	\$111,100	\$111,100					

NON CAPITAL OPERATING COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Salaries, Benefits and Other							
Debt Repayment							
TOTAL OPERATING							



Capital Improvement Program 2009 - 2014

Project for the Wastewater Department # S5

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. If redevelopment appears likely, this project may be deferred further.

COMMENTS

CAPITAL PROJECT COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Land/Right of Way	20,000						20,000
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering	70,000						70,000
Construction Costs							
Capital Outlay							
Contingency							
TOTAL COSTS	\$90,000						\$90,000

REQUESTED FUNDING	Total \$ Project	2009	2010	2011	2012	2013	2014
Grants							
Water Connection Fees/Reserves							
Wastewater Utility Fund	15,000						15,000
Stormwater Conn Fees/Reserves							
Street Funds							
Wastewtr Connection Fees/Res	75,000						75,000
Real Estate Excise Tax 1							
Real Estate Excise Tax 2							
Public Works Trust Fund Loan							
Other (specify)							
TOTAL SOURCES	\$90,000						\$90,000

NON CAPITAL OPERATING COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Salaries, Benefits and Other							
Debt payment PWTF .05% REET 2	62,000					31,050	30,950
TOTAL OPERATING	62,000					31,050	30,950



Capital Improvement Program 2009 - 2014

Project for the	Wastewater	Department	# S6
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Account Number 408 000 005

PROJECT TITLE	Manhole Rehabilitation
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DESCRIPTION Survey all manhole condition, prioritize rehabilitation work, contract lining and repairs.

BACKGROUND Some of the City manholes are leaking ground water into the system. The leakage is requiring additional conveyance and pump station capacity improvements. Repairs to the City's manholes will provide additional system capacity and help open up future possibilities for water reclamation in the Black Diamond area.

COMMENTS Added \$10,000 carryover from 2008 to 2009.

CAPITAL PROJECT COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering							
Construction Costs	40,000		10,000	10,000	10,000	10,000	
Capital Outlay							
Other (Specify)							
TOTAL COSTS	\$40,000		\$10,000	\$10,000	\$10,000	\$10,000	

REQUESTED FUNDING	Total \$ Project	2009	2010	2011	2012	2013	2014
Grants							
Water Connection Fees/Reserves							
Wastewater Utility Fund	9,000			3,000	3,000	3,000	
Stormwater Conn Fees/Reserves							
Street Funds							
Wastewtr Connection Fees/Res	21,000			7,000	7,000	7,000	
Real Estate Excise Tax 1							
Real Estate Excise Tax 2							
Public Works Trust Fund							
BFB Carryover	10,000		10,000				
TOTAL SOURCES	\$40,000		\$10,000	\$10,000	\$10,000	\$10,000	

NON CAPITAL OPERATING COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Salaries, Benefits and Other							
Debt Repayment							
TOTAL OPERATING							



Capital Improvement Program 2009 - 2014

Project for the Wastewater Department # S7

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

The West Black Diamond Wastewater Lift Station could be developed as a developer improvement, but the City would have less control of the project. The schedule for this project will be driven by development.

CAPITAL PROJECT COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Land/Right of Way	400,000		100,000	100,000	200,000		
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering	200,000		200,000				
Construction Costs	1,000,000				1,000,000		
Capital Outlay							
Other (Specify)							
TOTAL COSTS	\$1,600,000		\$300,000	\$100,000	\$1,200,000		

REQUESTED FUNDING

	Total \$ Project	2009	2010	2011	2012	2013	2014
Grants (specify)							
Water Connection Fees/Reserves							
Wastewater Utility Fund							
Stormwater Conn Fees/Reserves							
Street Funds							
Wastewtr Connection Fees/Res							
Real Estate Excise Tax 1							
Real Estate Excise Tax 2							
PW Trust Fund							
Developer Funded	1,600,000		300,000	100,000	1,200,000		
TOTAL SOURCES	\$1,600,000		\$300,000	\$100,000	\$1,200,000		

NON CAPITAL OPERATING COSTS

	Total \$ Requested	2009	2010	2011	2012	2013	2014
Salaries, Benefits and Maint.	60,000				20,000	20,000	20,000
Debt Repayment							
TOTAL OPERATING	60,000				20,000	20,000	20,000



Capital Improvement Program 2009 - 2014

Project for the Wastewater Department # S8

PROJECT TITLE Morgantville 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.

COMMENTS

CAPITAL PROJECT COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering	50,000		50,000				
Construction Costs	150,000			150,000			
Capital Outlay							
Other (Specify)							
TOTAL COSTS	\$200,000		\$50,000	\$150,000			

REQUESTED FUNDING	Total \$ Project	2009	2010	2011	2012	2013	2014
Grants							
Water Connection Fees/Reserves							
Wastewater Utility Fund							
Stormwater Conn Fees/Reserves							
Street Funds							
Wastewtr Connection Fees/Res	200,000		50,000	150,000			
Real Estate Excise Tax 1							
Real Estate Excise Tax 2							
PW Trust Fund							
Other (specify)							
TOTAL SOURCES	\$200,000		\$50,000	\$150,000			

NON CAPITAL OPERATING COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Salaries, Benefits and Other							
Debt Repayment							
TOTAL OPERATING							



Capital Improvement Program 2009 - 2014

Project for the Wastewater Department # S9

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.

COMMENTS Wait for the developer to do the engineering wastewater mains as developer extensions.

	Total \$ Requested	2009	2010	2011	2012	2013	2014
CAPITAL PROJECT COSTS							
Land/Right of Way	200,000						200,000
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering	100,000						100,000
Construction Costs	900,000						900,000
Capital Outlay							
Other (Specify)							
TOTAL COSTS	\$1,200,000						\$1,200,000

	Total \$ Project	2009	2010	2011	2012	2013	2014
REQUESTED FUNDING							
Grants							
Water Connection Fees/Reserves							
Wastewater Utility Fund							
Stormwater Conn Fees/Reserves							
Street Funds							
Wastewtr Connection Fees/Res							
Real Estate Excise Tax 1							
Real Estate Excise Tax 2							
Public Works Trust Fund							
Developer Funded	1,200,000						1,200,000
TOTAL SOURCES	\$1,200,000						\$1,200,000

	Total \$ Requested	2009	2010	2011	2012	2013	2014
NON CAPITAL OPERATING COSTS							
Salaries, Benefits and Other							
Debt Repayment							
TOTAL OPERATING							



Stormwater Department

Capital Improvement Program 2009 - 2014

Expenditure Summary by Project

Project Name	Total \$ Requested	2009	2010	2011	2012	2013	2014
D1 Stormwater Comprehensive Plan	156,074	156,074					
D2 5th Ave Storm Drain Improvements	28,000		28,000				
TOTAL EXPENDITURES	184,074	156,074	28,000				

Funding Sources

	Total \$ Project	2009	2010	2011	2012	2013	2014
BFB Carryover Stormwtr Grant							
D1 Stormwater Comprehensive Plan	81,074	81,074					
Total BFB Stormwater Grant Carryover	81,074	81,074					
Department of Ecology Grant							
D1 Stormwater Comprehensive Plan	75,000	75,000					
Total DOE Grant	75,000	75,000					
Stormwater Connection Fees/Reserves							
D2 5th Ave Storm Drain Improvements	28,000		28,000				
Total Stormwater Conn Fees/Res	28,000		28,000				
Total Stormwater Projects	184,074	156,074	28,000				



Capital Improvement Program 2009 - 2014

Project for the Stormwater Department # D1

Account Number 410 000 001

PROJECT TITLE Stormwater Comprehensive Plan

DESCRIPTION

Prepare a Stormwater Comprehensive Plan that addresses the policy issues in setting up a stormwater utility, meeting the requirement of the NPDES phase II stormwater permit, adopting and stormwater capital program and establish fees to fund the stormwater program.

BACKGROUND

Some stormwater planning, modeling and mapping has been completed in the past at a superficial level. The phase II stormwater permit requirements have made it necessary to establish a stormwater utility to finance the stormwater management program.

COMMENTS

CAPITAL PROJECT COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering							
Construction Costs							
Capital Outlay							
Professional Services	156,074	156,074					
TOTAL COSTS	\$156,074	\$156,074					

REQUESTED FUNDING	Total \$ Project	2009	2010	2011	2012	2013	2014
Department of Ecology Grant	75,000	75,000					
Water Connection Fees/Reserves							
Wastewater Connection Fees/Res							
Stormwater Connection Fees/Res							
Street Funds							
REET 1							
REET 2							
BFB Carryover Storm Grant	81,074	81,074					
TOTAL SOURCES	\$156,074	\$156,074					

NON CAPITAL OPERATING COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Salaries and Benefits							
Debt Repayment to Wastewater							
TOTAL OPERATING							



Capital Improvement Program 2009 - 2014

Project for the Stormwater Department # D2

PROJECT TITLE 5th Ave Storm Drain Improvements

DESCRIPTION Regrade street side ditches , increase culvert sizes to accommodate the 25 year storm event.

BACKGROUND Based on Stormwater modeling completed for the comprehensive plan the storm system in 5th Ave is expected to cause localized flooding during a 25 year storm event. Culverts and storm mains will need to be increased in size.

COMMENTS

CAPITAL PROJECT COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering	5,000		5,000				
Construction Costs	23,000		23,000				
Capital Outlay							
Other							
TOTAL COSTS	\$28,000		\$28,000				

REQUESTED FUNDING	Total \$ Project	2009	2010	2011	2012	2013	2014
Department of Ecology Grant							
Water Connection Fees/Reserves							
Wastewater Connection Fees/Res							
Stormwater Connection Fees/Res	28,000		28,000				
Street Funds							
REET 1							
REET 2							
PW Trust Fund							
TOTAL SOURCES	\$28,000		\$28,000				

NON CAPITAL OPERATING COSTS	Total \$ Requested	2009	2010	2011	2012	2013	2014
Salaries and Benefits							
Debt Repayment to Wastewater							
TOTAL OPERATING							



CITY OF BLACK DIAMOND

2009 Schedule for 2009 – 2014 Capital Improvement Plan (CIP)

	Process	Internal Due Date	Workshops	City Council Meetings
1	CIP Planning Meeting	June 23		
2	Finance prepares operating revenue sources for affected funds such as Street, Sewer, Water, Drainage and General Government	July 7		
3	CIP Call letter to affected departments (include goals, rules and timelines)	July 7		
4	Departments prepare detailed requests and submit to City Administration and Finance	July 21		
5	Finance prepares draft spreadsheet combining revenues and department requests for Internal review with Administration	August 7		
6	Administration and finance meet departments to review options.	Aug 10 - Aug 12		
7	Finance prepares draft CIP for Council workshops. (CIP draft ready for distribution)	Aug 14		
8	CIP Finance Committee Meeting for GG CIP non Public Works		August 17	
9	CIP Public Works Committee Meeting		August 27	
10	CIP Council Workshop: All departments other than Public Works		Sept 3	
11	CIP Council Workshop: Public Works		October 15	
12	Public Hearings on proposed 2009 – 2014 CIP			November 5
13	Council adopts 2009 – 2014 CIP			November 5

Regular scheduled Council meeting are in **BOLD**