

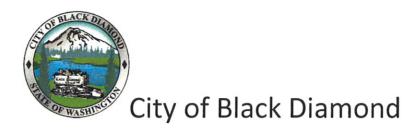
CITY OF BLACK DIAMOND

June 13, 2013 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.

5:30 P.M. – CALL TO ORDER, ROLL CALL

- 1.) 2014-2019 Capital Improvement Plan (Public Works) Ms. Miller
- 2) Community Facilities District Mr. Hoppen
- 3) Adjournment

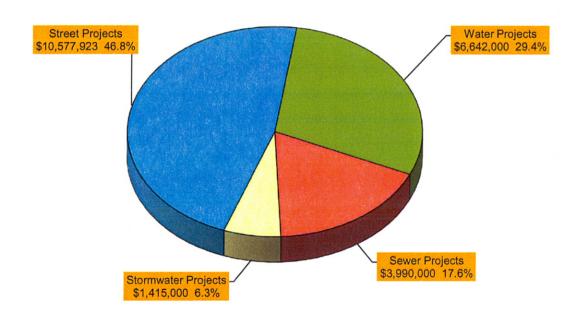


Public Works Working Copy

Revised 06/06/2013

	Public Works Fund Summary Capital Improvement Plan 2014 - 2019											
Funds	Total \$ Project 2014 - 2019	2014	2015	2016	2017	2018	2019					
Street Projects	10,577,923	432,923	2,586,000	6,522,000	143,000	595,000	299,000					
Water Projects	6,642,000	1,569,000	2,740,000	132,000		890,000	1,311,000					
Sewer Projects	3,990,000	30,000	30,000	300,000	570,000	530,000	2,530,000					
Stormwater Projects	1,415,000	40,000	150,000	1,000,000		95,000	130,000					
TOTAL Project COSTS	\$ 22,624,923	\$2,071,923	\$5,506,000	\$7,954,000	\$713,000	\$2,110,000	\$4,270,000					

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



		ıblic Wo							
	Capital Imp	roveme	nt F	Plan 20	Section (Section)		t Dlan 2014	2010	
		Total \$				provemen			
		Project 2014 - 2019		2014	2015	2016	2017	2018	2019
	STREET PROJECTS								
T1	General Street Improvement	180,000		30,000	30,000	30,000	30,000	30,000	30,000
ТЗ	Roberts Drive/State Rt 169 Roundabout	7,070,000		220,000	1,750,000	5,100,000			
T4	Roberts Drive Rehabilitation	366,000			366,000				
T5	Grant Matching Fund	240,000		40,000	40,000	40,000	40,000	40,000	40,000
Т6	Rock Creek Bridge	291,000			93,000	198,000			
T7	Lawson Street Sidewalk	850,000			105,000	745,000			
Т8	Jones Lake Road	122,000		122,000					
Т9	228th & 224th & 216th Chip Seal	129,000				129,000			
T10	5th Ave Reconstruction	267,000					38,000	229,000	
T11	232nd Ave Overlay	143,000					35,000	108,000	
T12	216th Ave SE Overlay	136,000							136,000
T13	1st Ave & RR Ave N & Miner Street	188,000	-		-			188,000	
T14	Pacific St & 5th St Improvement	93,000							93,000
T15	Street Signs Replacement	20,923	3	20,923					
T16	Sidewalk Extension	360,000			80,000	280,000			
T17	Morgan Creek Road Preservation	97,000			97,000				
T18	Plass Road Rehabilitation	25,000			25,000				
	STREET PROJECTS	10,577,923		432,923	2,586,000	6,522,000	143,000	595,000	299,000
	WATER PROJECTS								, i
W1	Springs & River Crossing Rehab. Project	3,100,000		1,175,000	1,925,000				
W2	Reservoir Painting and Maintenance	199,000	1	199,000					
w3	Expanded Power Generation	680,000		140,000	540,000				
W4	Fire Flow Loop - North Commercial Area	800,000						800,000	
W5	Downtown Water Main Replacement	250,000		55,000	195,000				
W6	Springs Transmission main Pepl Phase 1	800,000						90,000	710,000
ws	Water Comprehensive Plan Update	130,000			80,000	50,000			1.
w9	4.3 Mil Gal Tank Maintenance & Repairs	30,000							30,000
W10	Water Main Replacement Morgan Street	653,000				82,000			571,000
	WATER PROJECTS	6,642,000		1,569,000	2,740,000	132,000		890,000	1,311,000
	SEWER PROJECTS								
51	Infiltration and Inflow Reduction Program	180,000	STATE OF THE PARTY	30,000	30,000	30,000	30,000	30,000	30,000
S2	Public Works Facilities and Equipment	3,100,000					100,000	500,000	2,500,000
S3	Morganville Force Main Reroute	460,000				20,000	440,000		
S4	Cedarbrook Sewer Main	250,000				250,000			
	SEWER PROJECTS	3,990,000		30,000	30,000	300,000	570,000	530,000	2,530,000
	STORMWATER PROJECTS				reserved.				4.5
D1	Lake Sawyer Road Culvert and Guardrail	320,000			70,000	250,000			
D2	North Commercial and SR 169 Stormwater Treatment Pond	870,000		40,000	80,000	750,000			
D3	5th Ave Reconstruction	75,000						75,000	
D4	Ginder Creek Headwall	70,000						20,000	50,000
D5	1st Ave & RR Ave & Miner Street	80,000							80,000
2	STORMWATER PROJECTS	1,415,000		40,000	150,000	1,000,000	7 6 1	95,000	130,000
тоти	AL PUBLIC WORKS CAPITAL PROJECTS	22,624,923		2,071,923			713,000	2,110,000	4,270,000

CIP	Public	: Work	s Sun	nmary
	FLIND	NG SI	IMM	ARV

100	. •	Capital Improvement Plan 2014 - 2019										
E SE DE		Total \$		Capital IIII	provemen	L Plati 2014	- 2019					
		Project	2014	2015	2016	2017	2018	2019				
		2014 - 2019										
	REET II Funding											
T1	General Street Improvement	180,000	30,000	30,000	30,000	30,000	30,000	30,000				
T5	Grant Matching Fund	240,000	40,000	40,000	40,000	40,000	40,000	40,000				
Т8	Jones Lake Road	12,000	12,000									
Т9	228th & 224th & 216th Chip Seal	13,000			13,000							
T11	232nd Ave Overlay	45,000				35,000	10,000					
W2	Reservoir Painting and Maintenance	12,000	12,000									
W5	Downtown Water Main Replacement	25,000	. 5,000	20,000								
W9	4.3 Mil Gal Tank Maintenance & Repairs	30,000						30,000				
W10	Water Main Replacement Morgan Street	82,000			82,000							
S3	Morganville Force Main Reroute	20,000			20,000							
D1	Lake Sawyer Road Culvert and Guardrail	30,000	2	30,000								
D2	North Commercial and SR 169 Stormwater Treatment Pond	60,000	40,000	20,000								
D3	5th Ave Reconstruction	75,000					75,000					
D4	Ginder Creek Headwall	70,000					20,000	50,000				
D5	1st Ave & RR Ave & Miner Street	80,000						80,000				
	Total REET II Funding	974,000	139,000	140,000	185,000	105,000	175,000	230,000				
	Water Rates											
W8	Water Comprehensive Plan Update	80,000		80,000								
	Total Water Rates	80,000		80,000								
	Sewer Loan to Water											
W2	Reservoir Painting and Maintenance	187,000	187,000									
	Total Water Rates	187,000	187,000									
	Sewer Connection Fees/Reserves	100,000	20.000	20.000	20.000	20.000	20.000	20.000				
S1	Infiltration and Inflow Reduction Program Total Sewer Connection Fees/Reserves	180,000 180,000	30,000 30,000	30,000 30,000	30,000 30,000	30,000 30,000	30,000 30,000	30,000 30,000				
	Developer, Impact Fees and/or SEPA						23/222					
Т3	Roberts Drive/State Rt 169 Roundabout	5,070,000	220,000		4,850,000							
т6	Rock Creek Bridge	130,000		20,000	110,000							
T7	Lawson Street Sidewalk	305,000		105,000	200,000							
W4	Fire Flow Loop - North Commercial Area	800,000					800,000					
ws	Water Comprehensive Plan Update	50,000	8.0		50,000							
D2	North Commercial and SR 169 Stormwater Treatment Pond	160,000		60,000	100,000							
	Total Developer, Street Impact and/or SEPA Fees	6,515,000	220,000	185,000	5,310,000		800,000					
	WSFFA											
W1	Springs & River Crossing Rehab. Project	3,100,000	1,175,000	1,925,000								
W6	Springs Transmission main Pepl Phase 1	800,000					90,000	710,000				
Total	WSFFA	3,900,000	1,175,000	1,925,000			90,000	710,000				
	Transportation Benefit District											
T10	5th Ave Reconstruction	267,000				38,000	229,000					
	216th Ave SE Overlay	136,000					6	136,000				
	1st Ave & RR Ave N & Miner Street	188,000					188,000					
		97,000		97,000			200,000					
	Morgan Creek Road Preservation	1000										
118	Plass Road Rehabilitation	25,000		25,000								
2000	Total Transportation District	713,000	Carlo Section 1 and Control	122,000		38,000	417,000	136,000				

				Capital I	mprovemen	t Plan 2014 -	2019	
	FUNDING SUMMARY CONT.	Total \$ Project 2014 - 2019	2014	2015	2016	2017	2018	2019
	Grants (TIB,CDBG,DOE, etc)							
ТЗ	Roberts Drive/State Rt 169 Roundabout	2,000,000		1,750,000	250,000			
Т6	Rock Creek Bridge	140,000		25,000	115,000			
T7	Lawson Street Sidewalk	395,000			395,000			
T7	Lawson Street Sidewalk	150,000			150,000			
Т8	Jones Lake Road	110,000	110,000					
Т9	228th & 224th & 216th Chip Seal	116,000			116,000			
T11	232nd Ave Overlay	98,000					98,000	
T14	Pacific St & 5th St Improvement	93,000						93,000
T15	Street Signs Replacement	20,923	20,923					
T16	Sidewalk Extension	324,000		72,000	252,000			
W5	Downtown Water Main Replacement	225,000	50,000	175,000				
D1	Lake Sawyer Road Culvert and Guardrail	290,000		40,000	250,000			
D2	North Commercial and SR 169 Stormwater Treatment Pond	650,000			650,000			
	Total Grants	4,611,923	180,923	2,062,000	2,178,000		98,000	93,000
	Grant Matching							
Т6	Rock Creek Bridge	21,000		8,000	13,000			
T16	Sidewalk Extension	36,000		8,000	28,000			
	Total Grant Matching	57,000		16,000	41,000			
	Public Works Trust Fund Loans							
T4	Roberts Drive Rehabilitation	366,000		366,000				
W10	Water Main Replacement Morgan Street	571,000						571,000
S3	Morganville Force Main Reroute	440,000				440,000		
S4	Cedarbrook Sewer Main	250,000			250,000			
	Total PWTF Loans	1,627,000		366,000	250,000	440,000		571,000
	Undertmined Loan							
W3	Expanded Power Generation	680,000	140,000	540,000				
S2	Public Works Facilities and Equipment	2,600,000				100,000		2,500,000
	Total Undertimined Loan	3,280,000	140,000	540,000				
	Transfer In From REET I							
52	Public Works Facilities and Equipment	500,000					500,000	
	Total Transfer In From REET I	500,000			20,000		500,000	
Gran	nd Total Public Works CIP Funding	22,624,923	1,884,923	5,386,000	8,014,000	613,000	2,110,000	1,770,000
Loan	Service Schedule							
T4	Roberts Drive Rehabilitation	37,614						37,614
W2	Reservoir Painting and Maintenance	189,814		37,963	37,963	37,963	37,963	37,963
w3	Expanded Power Generation	150,730			37,682	37,682	37,682	37,682
52	Public Works Facilities and Equipment	2,600,000			,	100,000		2,500,000
1	5.5							,
S3	Morganville Force Main Reroute	440,000				440,000		

Street Department (Transportation Projects) CAPITAL PROJECT SUMMARY

Ex	penditure Summary by Project							
					Capital Plan	2014 - 201	19	
	STREET DEPARTMENT	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
T1	General Street Improvement	180,000	30,000	30,000	30,000	30,000	30,000	30,000
Т3	Roberts Drive/State Rt 169 Roundabout	7,070,000	220,000	1,750,000	5,100,000		4 100218	
T4	Roberts Drive Rehabilitation	366,000		366,000				
T5	Grant Matching Fund	240,000	40,000	40,000	40,000	40,000	40,000	40,000
Т6	Rock Creek Bridge	291,000		93,000	198,000			
T7	Lawson Street Sidewalk	850,000		105,000	745,000			
Т8	Jones Lake Road	122,000	122,000					
Т9	228th & 224th & 216th Chip Seal	129,000			129,000			
T10	5th Ave Reconstruction	267,000				38,000	229,000	
T11	232nd Ave Overlay	143,000				35,000	108,000	
T12	216th Ave SE Overlay	136,000						136,000
T13	1st Ave & RR Ave N & Miner Street	188,000		4.3			188,000	
T14	Pacific St & 5th St Improvement	93,000						93,000
T15	Street Signs Replacement	20,923	20,923					
T16	Sidewalk Extension	360,000		80,000	280,000			
T17	Morgan Creek Road Preservation	97,000		97,000				
T18	Plass Road Rehabilitation	25,000		25,000				
STRE	ET DEPT TOTAL PROJECTS	10,577,923	432,923	2,586,000	6,522,000	143,000	595,000	299,000

Street Department (Transportation Projects) CAPITAL PROJECT SUMMARY

Fu	nding Sources	- F K O		3 0 14			1000	
				中国	Capital Pla	2014 - 20	10	* 35 5 4 5 6 6 6 6
		Total \$			capital Fial	1 2014 - 20.		
		Requested 2014-2019	2014	2015	2016	2017	2018	2019
TIB,	CDBG and Other Grants							
T3	Roberts Drive/State Rt 169 Roundabout	2,000,000		1,750,000	250,000			
Т6	Rock Creek Bridge	140,000		25,000	115,000			
T7	Lawson Street Sidewalk	395,000	ı		395,000	ı		
T 7	Lawson Street Sidewalk	150,000	1		150,000	1		
T8	Jones Lake Road	110,000	1		150,000			
Т9	228th & 224th & 216th Chip Seal				116 000			
	232nd Ave Overlay	116,000	l		116,000			
ı	Pacific St & 5th St Improvement	98,000			l		98,000	
	1 (1000) 1 (93,000						93,000
1	Street Signs Replacement	20,923	20,923		-			
116	Sidewalk Extension	324,000	新型等作用等型31 5.000	72,000	252,000		NAME OF STREET	A CONTRACTOR OF THE PARTY OF TH
	Total Grants	3,446,923	130,923	1,847,000	1,278,000		98,000	93,000
	eloper Funded/Impact Fees/SEPA							
Т3	Roberts Drive/State Rt 169 Roundabout	5,070,000	220,000		4,850,000			
T6	Rock Creek Bridge	130,000		20,000				
T7	Lawson Street Sidewalk Total Developer/Impact/SEPA Funding	305,000 5,505,000	220,000	105,000	200,000			
Real	Estate Excise Tax II Funding	3,303,000	220,000	125,000	5,160,000			
T1	General Street Improvement	400.000	22.222	20.000	22.222	22.222	22.222	
T5	Grant Matching Fund	180,000	30,000	30,000	30,000	30,000	30,000	30,000
T8	Jones Lake Road	240,000	40,000	40,000	40,000	40,000	40,000	40,000
Т9	228th & 224th & 216th Chip Seal	12,000 13,000	12,000		12 000			
	232nd Ave Overlay	45,000			13,000	35,000	10,000	
	Total REET II Funding	490,000	82,000	70,000	83,000	105,000	80,000	70,000
Tran	sportation Benefit District			•				•
T10	5th Ave Reconstruction	267,000				38,000	229,000	
T12	216th Ave SE Overlay	136,000						136,000
	1st Ave & RR Ave N & Miner Street	188,000					188,000	
	Morgan Creek Road Preservation	97,000		97,000				
118	Plass Road Rehabilitation Total Transportation Benefit District	25,000		25,000		20,000	417.000	126 000
Gran	t Matching Fund	713,000		122,000		38,000	417,000	136,000
	Rock Creek Bridge	34.000		0.000	13.000			
	Sidewalk Extension	21,000 36,000		8,000 8,000	13,000 28,000			
	Total Grant Matching Fund	57,000		16,000	41,000			
PWT	F Loan							
T4	Roberts Drive Rehabilitation	366,000		366,000				
	Total PWTF Loan	366,000		366,000				
тот	AL STREET PROJECTS	10,577,923	432,923	2,546,000	6,562,000	143,000	595,000	299,000
TRD	10 Year Loan Payments							
	Roberts Drive Rehabilitation	37,614						37,614
	Total TBD Loan Payments	37,614	CONTRACTOR DESIGNATION	SHEET AND SHEET STORES	Commission Commission Commission	CONTRACTOR OF THE PARTY OF THE		37,614

Project for the	Street Department T1
PROJECT TITLE	General Street Improvement 13.01
DESCRIPTION	Annually the Public Works staff assesses the street system and selects key street preservation and improvement work. Typical activities under this project are chip sealing, crack sealing, patch work and addressing minor safety problems. Because of the declining revenue in the street fund the cost of striping, signs, and roadside materials have been shifted to REET funding and are included in this work item.
BACKGROUND	This project provides annual funding for minor street improvements that typically do not require engineering.
COMMENTS	As more routine maintenance costs are shifted to this street improvement category, overlay projects may not be possible.

CAPITAL PROJECT COSTS

Construction Costs

TOTAL COSTS

REQUESTED FUNDING

REET II

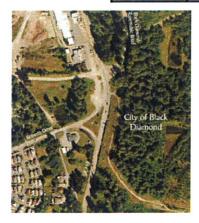
TOTAL SOURCES

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





Project for the		Street	Depart	ment			T3		
PROJECT TITLE	Roberts D)rive/Sta	te Rt 169	Roundab	out		13.02		
DESCRIPTION	This project is to accommodate a Development.	_			•				
BACKGROUND	The existing int Roberts Drive ir eastbound mot been identified Planned Develo	ntersects SR 1 orists to turn as one of the	69 at an unco	nventional ang ecially difficult	gle which ma to turn left;	akes it difficul This intersect	t for tion has		
COMMENTS	The Master Planned Developer will be making an investment in this intersection to address Level of Service issues. The City would like to size the roundabout for the buildout solution for this corridor. There may be grant funding available for a major roundabout on a regional facility.								
			(Capital Plan 2	2014 - 201	9			
CAPITAL PROJECT COSTS	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019		
Land/Right of Way	200,000		200,000						
Preliminary Engineering	200,000	200,000							
Environ Engr & Permiting	300,000		300,000						
Construction Engineering	500,000			500,000					
Bid Documents	50,000		50,000						
Design Engineering	600,000		600,000						
Construction Costs	4,900,000		350,000	4,550,000					
Environ Mitigation	200,000		200,000						
Project Administration	120,000	20,000	50,000	50,000					
TOTAL COSTS	7,070,000	220,000	1,750,000	5,100,000	-	•	-		
	Total \$								
REQUESTED FUNDING	Requested 2014-2019	2014	2015	2016	2017	2018	2019		
Developer	5,070,000	220,000		4,850,000					
Grants	2,000,000		1,750,000	250,000					



7,070,000

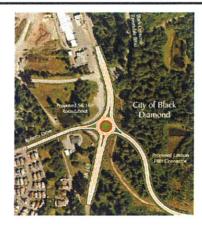
TOTAL SOURCES

Proposed Roundabout

220,000

1,750,000

5,100,000



Project for the	Street Department # T4	4
PROJECT TITLE	Roberts Drive Rehabilitation 14	.02
DESCRIPTION	Grind, Patch and Replace concrete panels; Seal joints and cracks; and Reinforce the should of Roberts Drive Concrete road to extend the life of the existing roadway and improve the comfort of the driving surface.	
BACKGROUND	The concrete roadway is about 100 years old but needs some major repair work. This projet to repair and preserve the existing road. The City is also looking to bring the road up to an urban standard in project T8 with major grant assistance.	
COMMENTS		

CAPITAL PROJECT COSTS

Engineering & bid docs
Management & Inspection
Construction
TOTAL COSTS

REQUESTED FUNDING

PWTF Loan
TOTAL SOURCES

Debt Payments

TBD 10 year loan payments

		Capital Plan 2014 - 2019									
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019					
28,000 18,000 320,000		28,000 18,000 320,000									
366,000	-	366,000	-	-	-	-					
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019					
366,000		366,000									
366,000	-	366,000									
			2016	2017	2018	2019					
150,456			37,614	37,614	37,614	37,614					





Project for the	Street Department # T5
PROJECT TITLE	Grant Matching Fund 13.03
DESCRIPTION	This project is used to accumulate funds for a match for grants for street and pedestrian projects now scheduled on the CIP.
BACKGROUND	The City has used this fund for professional technical assistance with grant applications and supplement funding if a grant is received for a project that needs to be moved up in the CIP schedule or if a larger match than anticipated is needed.

CAPITAL PROJECT COSTS

Funding to Match Grants

TOTAL COSTS

REQUESTED FUNDING

Real Estate Excise Tax II

TOTAL SOURCES

	Capital Plan 2014 - 2019					
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
240,000	40,000	40,000	40,000	40,000	40,000	40,000
240,000	40,000	40,000	40,000	40,000	40,000	40,000
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
240,000	40,000	40,000	40,000	40,000	40,000	40,000
240,000	40,000	40,000	40,000	40,000	40,000	40,000



What is a matching grant?

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



Project for the	Street Department	#	T6			
PROJECT TITLE	Rock Creek Bridge		13.04			
DESCRIPTION	Replace the verticle barriers on the bridge, patch and coat the structure degradation of the structure, install guardrail transition sections on be motorist approach safety, attach a Pedestrian walkwayon one side of reconstruct the roadway approaches and the asphalt surface on the besidewalk connections on both ends of the attached pedestrian bridge	oth ends to en the bridge, an oridge. Constru	d			
BACKGROUND	Parametrix completed a technical analysis and a review of options for improvements to the bridge crossing of Rock Creek in 2012. The budget developed below is based on the construction costs of the bridge rehab option developed in that technical memo plus engineering, project management costs, additional improvements on short sections of roaway on each end and a 20% contingency.					
COMMENTS	The Villages Developer may also proceed with their own separate stand alone project. The Developer contribution was shown here as a combined project for greater implementation efficiency and to improve the chances of attracting grant funding					
	Capital Plan 2014 - 2019					

CADITAL	PROJECT	COSTS
CAPITAL	PROJECT	CU313

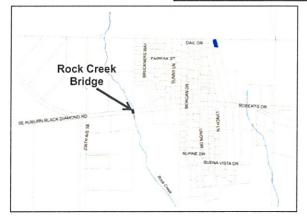
Engineering and bid docs Project management environmental permitting ped bridge design & const Bridge Rehabilitation

TOTAL COSTS

REQUESTED FUNDING

Villages Project Contribution Bridge Grant Grant Matching Funds TOTAL SOURCES

	Capital Plan 2014 - 2019							
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019		
40,000 20,000 23,000		40,000 10,000 23,000	10,000					
130,000 78,000		20,000	110,000 78,000	De .				
291,000		93,000	198,000	-	-	-		
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019		
130,000 140,000 21,000		20,000 25,000 8,000	110,000 115,000 13,000					
291,000	-	53,000	238,000		-			





Project for the	Street Department # T7
PROJECT TITLE	Lawson Street Sidewalk 13.05
DESCRIPTION	Construct 2150 feet of new 5 foot concrete sidewalk on the north side of Lawson Street to from SR 169 to the east boundary of Lawson Hill Estates. This project does not include curb gutter or street widening. Project cost \$850,000.
BACKGROUND	Lawson Hill Estates and the surrounding area is within 1 mile of the elementary school on Baker Street. The City is partnering with the School District to seek Safe Routes to School grants for this project. It is anticipated that additional funding will be needed to cover the entire cost. Transportation Improvement Board Funding and or potentially MPD mitigation funding may also be available. The City and the School District are planning to cooperate and jointly apply for this grant in 2014 for funding in 2015, and 2016.
COMMENTS	The timing of this project may have to wait for the pedestrian mitigation assistance from the Lawson Hills developer for this project. Other grant funding may also be available to complete the total funding.

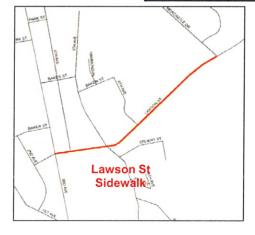
CAPITAL PROJECT COSTS

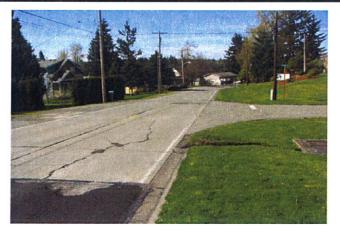
Land/Right of Way Design Engineering Construction Costs TOTAL COSTS

REQUESTED FUNDING

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

			Capital Plan 2014 - 2019						
	Total \$								
	Requested	2014	2015	2016	2017	2018	2019		
	2014-2019								
	20,000		20,000						
	85,000		85,000						
	745,000			745,000					
	850,000		105,000	745,000	-				
	Total \$								
	Requested	2014	2015	2016	2017	2018	2019		
	2014-2019								
	395,000			395,000					
	150,000			150,000					
	305,000		105,000	200,000					
-	850,000	-	105,000	745,000	-	-	-		





Project for the	Street Department	#	T8
PROJECT TITLE	Jones Lake Road		14.01
DESCRIPTION	Patch and overlay Jones Lake Road from SR 169 to the end of the overlay im Ave.	oroveme	ent on RR
BACKGROUND	The pavement condition is average to poor. The roadway width is a little to shoulders. The engineering, bid process, inspections and project management by City staff.		

CAPITAL PROJECT COSTS

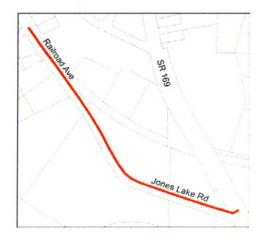
Engineering & bid docs Management & Inspection Construction

TOTAL COSTS

REQUESTED FUNDING

TIB pavement preservation Real Estate Excise Tax II TOTAL SOURCES

		Capital Plan 2014 - 2019					
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019	
16,000	16,000						
10,000	10,000						
96,000	96,000						
122,000	122,000	-	-	-	-	-	
Total \$							
Requested	2014	2015	2016	2017	2018	2019	
2014-2019							
110,000	110,000						
12,000	12,000						
122,000	122,000	-	-	-	-	-	





Project for the	Street Department	#	T9
PROJECT TITLE	228th & 224th & 216th Chip Seal		14.03
DESCRIPTION	Patch and Chip Seal 228th, 224th, and 216th Ave SE from Sawyerwood Eler Covington Sawyer Road except for the section infront of the Fire Station an Highlands.		•
BACKGROUND	This long section of roadway can be preserved by 7 to 10 years at one third overlay. A chip seal will help stretch the grant funding and help the City get curve with deteriorating streets.		
COMMENTS			

CAPITAL PROJECT COSTS

Design Engineering
Management and Inspection
Construction
TOTAL COSTS

REQUESTED FUNDING

TIB Pavement Preservation Real Estate Excise Tax II TOTAL SOURCES

		Capital Plan 2014 - 2019						
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019		
16,000			16,000					
10,000			10,000					
103,000			103,000					
129,000	-	-	129,000	-	-	-		
Total \$								
Requested	2014	2015	2016	2017	2018	2019		
2014-2019								
116,000			116,000					
13,000			13,000					
129,000	-	-	129,000	-		-		





Project for the	Street Department	#	T10
PROJECT TITLE	5th Ave Reconstruction		14.05
DESCRIPTION	This project is to reconstruct and widen 5th Ave from Lawson Street to Bake foot section south of Park St. This project also includes a 420 foot section of 5th to 6th Ave. The scope of work includes; Grind up any remaining asphalt; unsuitable material; Import gravel base; finish grade with crushed rock; Pave road section 22 feet wide.	Baker S Excavat	Street from te
BACKGROUND	The existing road surface is failing rapidly. The road is too narrow for cars to hardened surface. Cars driving off the edge of the asphalt cause muddy and conditions. Since this project will involve more than 5000 square feet of new surface area storm water treatment and detention improvements will be reconstructed.	turbid impre	runoff
COMMENTS	The City likely will need a storm drainage easement to convey storm water to site. The City will purchase easements from willing sellers and will not be coproperty.		

CAPITAL PROJECT COSTS

Land/Right of Way
Design Engineering
Management & Inspection
Construction Costs

TOTAL COSTS

REQUESTED FUNDING

Transportation Benefit Dist *TOTAL SOURCES*

			Capital Pla	n 2014 - 2019)	
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
10,000				10,000		
20,000				20,000		
16,000				8,000	8,000	
221,000					221,000	
267,000	-	-	-	38,000	229,000	-
Total \$						
Requested	2014	2015	2016	2017	2018	2019
2014-2019						
267,000				38,000	229,000	
267,000	-	-	-	38,000	229,000	-





Project for the	Street Department #	T11
PROJECT TITLE	232nd Ave Overlay	14.04
DESCRIPTION	Grind and Patch failed areas of the street. Overlay 1600 feet of 232nd Ave SE fro Street to SE 293rd Street.	m 288th
BACKGROUND		
COMMENTS	This project is proposed for Transportation Benefit District Funding or pavement preservation funding. REET II will be used for street patching to keep the street value pavement condition rating for TIB pavement preservation funding.	

CAPITAL PROJECT COSTS

Design Engineering
Management and Inspection
Grind and Patching
Overlay contract
TOTAL COSTS

REQUESTED FUNDING

TIB pavement Preservation Real Estate Excise Tax II TOTAL SOURCES

	Capital Plan 2014 - 2019					
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
16,000	2.1				16,000	
10,000					10,000	
35,000				35,000		
82,000					82,000	
143,000	-	-		35,000	108,000	-
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
98,000					98,000	
45,000				35,000	10,000	
143,000	-	-	-	35,000	108,000	-





Project for the	Street Department	#	T12
PROJECT TITLE	216th Ave SE Overlay		14.06
DESCRIPTION	Grind and Patch the failed pavement sections; Overlay from fog line loops may need to be replaced. Restripe the street by the signal at to Coal Car.	•	
BACKGROUND	The City has been keeping up with crack sealing but the road will ne more rapid deterioration and prevent extra spending on grinding ar		prevent

CAPITAL PROJECT COSTS

Design Engineering Management & Inspection Construction Costs

TOTAL COSTS

REQUESTED FUNDING

Transportation Benefit Dist *TOTAL SOURCES*

		Capital Plan 2014 - 2019					
	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
	20,000						20,000
	16,000						16,000
	100,000						100,000
	136,000	-	-	-	-	-	136,000
	Total \$						
	Requested	2014	2015	2016	2017	2018	2019
	2014-2019						
1	136,000						136,000
	136,000	-	-	-	-	-	136,000



Project for the	Street Department # T13				
PROJECT TITLE	1st Ave & RR Ave N & Miner Street 14.07				
DESCRIPTION	Grade and pave these gravel streets. Excavation of unsuitable material and import of base rock will be required in some areas. Storm water treatment will be required for the new impervious at a minimum.				
BACKGROUND	The public served by these streets do not have the same level of service as most of the City. Alth these improvement will not bring in curb, gutter and sidewalks the paved surface will be a signific improvement.				
COMMENTS	No costs are shown in the 6 year5 time frame as this project is expected to be designed and constructed after 2019 to keep the TBD fund in balance				

CAPITAL PROJECT COSTS

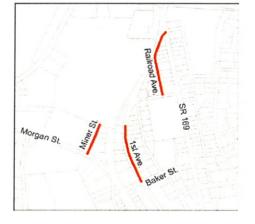
Design Engineering Management & Inspection Construction Costs

TOTAL COSTS

REQUESTED FUNDING

Transportation Benefit Dist *TOTAL SOURCES*

		Capital Plan 2014 - 2019				
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
24,000					24,000	
12,000					12,000	
152,000		1 /			152,000	×2
188,000	-	-	-	-	188,000	
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
188,000					188,000	
188,000	_	-	-	-	188,000	





Project for the	Street Department #	T14
PROJECT TITLE	Pacific St & 5th St Improvement	14.08
DESCRIPTION	Grind and patch failed sections of 5th and Pacific south of Lawson Street. Overlay and Pacific from from Lawson Street to the end of the asphalt. Construct and exte asphalt pavement to the end of the public right of way on 5th and Pacific and a shoon Johns Street.	nd the
BACKGROUND	The pavement condition has been compromised by various utility patches and the sections have been areas of high maintenance.	gravel

CAPITAL PROJECT COSTS

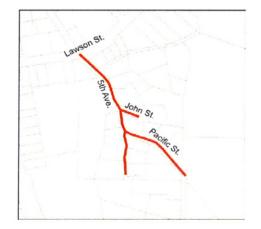
Design Engineering Management & Inspection Construction Costs

TOTAL COSTS

REQUESTED FUNDING

TIB Pavement Preservation TOTAL SOURCES

	Capital Plan 2014 - 2019					
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
16,000						16,000
10,000						10,000
67,000						67,000
93,000	-	-	-	-	-	93,000
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
93,000						93,000
93,000	-	-	-	-	-	93,000





Project for the	Street Department	# T15
PROJECT TITLE	Street Signs Replacement	14.14

DESCRIPTION

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

BACKGROUND

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

COMMENTS

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

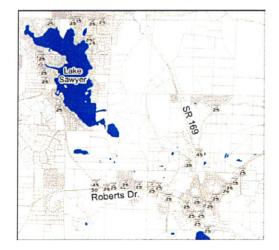
CAPITAL PROJECT COSTS

Materials Purchasing Installation TOTAL COSTS

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

REQUESTED FUNDING

Federal Safety Grant
TOTAL SOURCES





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

DESCRIPTION

Extend the City sidewalks along City arterials

BACKGROUND

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

COMMENTS

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

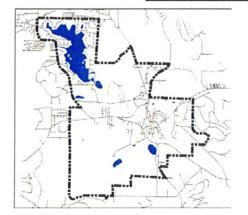
CAPITAL PROJECT COSTS

Preliminary Engineering Engineering, design, bid docs Project Mngmt/insp Construction TOTAL COSTS

REOL	IFSTFD	FI	IND	NG

Sidewalk Grant City Match @ 10% Grant Matching TOTAL SOURCES

	and the latest and th				Name and the second second					
	Capital Plan 2014 - 2019									
Capital Plan 2014 - 2019	2014	2015	2016	2017	2018	2019				
20,000		20,000								
40,000		40,000								
20,000		20,000								
280,000			280,000							
360,000		80,000	280,000	-	-	-				
Capital Plan 2014 - 2019	2014	2015	2016	2017	2018	2019				
324,000		72,000	252,000							
36,000		8,000	28,000							
360,000	-	80,000	280,000	-	-	-				





Project for the

Street Department

T17

PROJECT TITLE

Morgan Creek Road Preservation

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

CAPITAL PROJECT COSTS

Admin, mngmt, Inspection Construction TOTAL COSTS

REQUESTED FUNDING

Transportation Benefit Dist

TOTAL SOURCES

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



r roject for the	Street Department # 118
PROJECT TITLE	Plass Road Rehabilitation
DESCRIPTION	Cut back the overhanging limbs and trees to open up the roadway. Install a turnaround at the north end of the roadway. Patch deteriorated sections.
BACKGROUND	This portion of public road became the City responsibility in 2010 with the annexation of the south Villages property.

COMMENTS

Project for the

CAPITAL PROJECT COSTS

Admin, mngmt, Inspection Construction TOTAL COSTS

REQUESTED FUNDING

Transportation Benefit Dist

TOTAL SOURCES

		Capital Plan 2014 - 2019						
Capital Plan 2014 - 2019	2014	2015	2016	2017	2018	2019		
5,000 20,000		5,000 20,000						
25,000	-	25,000	-	-	-	-		
S- 1999								
Capital Plan 2014 - 2019	2014	2015	2016	2017	2018	2019		
25,000 -		25,000						
25,000	-	25,000	-	-	-	-		



Water Department CAPITAL PROJECT SUMMARY

VATER DEPARTMENT Total 5 Requested 2014 2015 2016 2017 2018 2019 2016 2016 2017 2018 2019 2016 2016 2016 2017 2018 2019 2016 2	CAPITAL	I O J		O IVI I	AL VIV			
### Total 5	Funding Summary by Project							
### WATER DEPARTMENT WITH Springs & River Crossing Rehab, Project WITH Springs &	METRIC CHARACTER PROVIDED TO A CONTROL OF THE PROPERTY OF THE PROPERTY OF THE PROVIDED TO THE PROPERTY OF THE			Capital Pl	an 2014 -	2019		
2014-2019	MATER DEPARTMENT							
W1 Springs & River Crossing Rehab. Project 199,000 199,000 190,000	WATER DEPARTIVIENT		2014	2015	2016	2017	2018	2019
W2 Reservoir Painting and Maintenance		2014-2019						
W3 Expanded Power Generation	W1 Springs & River Crossing Rehab. Project	3,100,000	1,175,000	1,925,000				
W4 Fire Flow Loop - North Commercial Area \$00,000 \$5,000 195,000 \$00,000 710,000 \$00,000 \$	W2 Reservoir Painting and Maintenance	199,000	199,000					
W5 Downtown Water Main Replacement 250,000 55,000 195,000 710,00	W3 Expanded Power Generation	680,000	140,000	540,000				
W6 Springs Transmission main Pepl Phase 1 800,000 80,000 50,000 3	W4 Fire Flow Loop - North Commercial Area	800,000					800,000	
W8 Water Comprehensive Plan Update 130,000 80,000 50,000 30,000	W5 Downtown Water Main Replacement	250,000	55,000	195,000				
W9 4.3 Mill Gal Tank Maintenance & Repairs 30,000 30,000 571,000 5	W6 Springs Transmission main Pepl Phase 1	800,000					90,000	710,000
W10 Water Main Replacement Morgan Street 653,000 32,000 32,000 390,000 1,311,000	W8 Water Comprehensive Plan Update	130,000		80,000	50,000			
### Action of Comprehensive Plan Update Water System & Facilities Funding Agmt (WSFFA) 80,000 1,755,000 1,925,000 800,000 710,000	W9 4.3 Mil Gal Tank Maintenance & Repairs	30,000						30,000
Capital Plan 2014 - 2019 Total \$ Requested 2014-2019 Router Rates South Springs & River Crossing Rehab. Project South Springs & Routh Springs & Rout	W10 Water Main Replacement Morgan Street	653,000			82,000			571,000
Total Sequested 2014 2015 2016 2017 2018 2019	WATER DEPARTMENT TOTAL PROJECTS	6,642,000	1,569,000	2,740,000	132,000		890,000	1,311,000
Total \$ Requested 2014 2015 2016 2017 2018 2019 2014 2015 2016 2017 2018 2019 2014 2015 2016 2017 2018 2019 2014 2015 2016 2017 2018 2019 2014 2015 2016 2017 2018 2019 2014 2015 2016 2017 2018 2019 2014 2015 2016 2017 2018 2019 2019 2014 2015 2016 2017 2018 2019 2019 2014 2015 2016 2017 2018 2019 2	Funding Sources							
Requested 2014 2015 2016 2017 2018 2019				Capital Pla	an 2014 -	2019		
Water Rates W8 Water Comprehensive Plan Update So,000 So,000 So,000 T10,000 T10,		Total \$						
Water Rates W8 Water Comprehensive Plan Update Total Water Again & Facilities Funding Agmt (WSFFA) W1 Springs & River Crossing Rehab. Project			2014	2015	2016	2017	2018	2019
Water Comprehensive Plan Update	Water Rates	2014-2019						
Water System & Facilities Funding Agmt (WSFFA) W1 Springs & River Crossing Rehab. Project 80,0000 1,175,000 1,925,000 90,000 710,000		80,000		80,000				
M1 Springs & River Crossing Rehab. Project W6 Springs Transmission main Pepl Phase 1 Springs Transmission main	Total Water Rates	80,000		80,000				
W6 Springs Transmission main Pepl Phase 1 800,000 3,000 1,175,000 1,925,000 90,000 710,000								
Total WSFFA Funds 3,900,000 1,175,000 1,925,000 90,000 710,000			1,175,000	1,925,000				
Stant Funding 225,000 50,000 175,000 175,000	W6 Springs Transmission main Pepi Phase 1	800,000					90,000	710,000
W5 Downtown Water Main Replacement Total Grant Funding Sewer Loan 187,000 175,000 17	Total WSFFA Funds	3,900,000	1,175,000	1,925,000			90,000	710,000
Sewer Loan 187,000 175,000 175,000 175,000 175,000 187,000 1								
Sewer Loan W2 Reservoir Painting and Maintenance Total Sewer Loan 187,000 187,000 187,000 187,000 187,000 187,000 187,000 187,000 187,000 187,000 187,000 187,000 187,000 187,000 187,000 187,00								
M2 Reservoir Painting and Maintenance 187,000 18		225,000	50,000	1/5,000				
Total Sewer Loan		187,000	187,000					
W10 Water Main Replacement Morgan Street Total PWTF Loan 571,000 571,0		187,000						
Total PWTF Loan S71,000 S40,000 S40,00								
Other Undetermined Loan Find Power Generation Total Other Undetermined Loan Developer Funding W4 Fire Flow Loop - North Commercial Area 800,000 \$50,00								
Total Other Undetermined Loan Developer Funding W4 Fire Flow Loop - North Commercial Area S00,000 S00,00		371,000						3/1,000
Developer Funding Size S	W3 Expanded Power Generation	680,000	140,000	540,000				
W4 Fire Flow Loop - North Commercial Area 800,000 50,000		680,000	140,000	540,000				
W8 Water Comprehensive Plan Update Total Developer Funding S0,000 S0,000 S00,000 S		800.000					000 000	
Total Developer Funding 850,000 50,000 800,000					50 000		800,000	
W2 Reservoir Painting and Maintenance 12,000 12,000 5,000 20,000 30,000 30,000 30,000 30,000 82,000 30,000 30,000 82,000 30,000 30,000 82,000 30,000 30,000 82,000 30,000 30,000 30,000 82,000 30,000 30,000 30,000 82,000 30,000 30,000 30,000 30,000 30,000 82,000 30,000 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>800,000</td> <td></td>							800,000	
W5 Downtown Water Main Replacement 25,000 5,000 20,000 30,000 30,000 82,000 30,000 82,000 30,000 30,000 82,000 30,000								
W3 A3 Mil Gal Tank Maintenance & Repairs 30,000 82,000 82,000 82,000 30,000 82,000 30,000 82,000 30,000 3	· ·							
Note Mater Main Replacement Morgan Street 82,000 82,000 30,000 30,000 14,000 17,000 20,000 82,000 30,000 1,311,000 1,382,000			5,000	20,000				20,000
Total Real Estate Excise Taxes II					82,000			30,000
Total \$ Requested 2014 2015 2016 2017 2018 2019	Total Real Estate Excise Taxes II		17,000	20,000				30,000
Debt Funding Requested 2014-2019 2014 2015 2016 2017 2018 2019 W3 Expanded Power Generation 150,730 37,682 37,682 37,682 37,682 37,682 37,682 37,963	TOTAL FUNDING FOR WATER PROJECTS	6,642,000	1,382,000	2,660,000	132,000		890,000	1,311,000
Debt Funding Requested 2014-2019 2014 2015 2016 2017 2018 2019 W3 Expanded Power Generation 150,730 37,682 37,682 37,682 37,682 37,682 37,682 37,963								
2014-2019 W3 Expanded Power Generation 150,730 37,682 37,682 37,682 37,682 W2 Reservoir Painting and Maintenance 189,814 37,963 37,963 37,963 37,963								
W3 Expanded Power Generation 150,730 37,682 37,682 37,682 37,682 W2 Reservoir Painting and Maintenance 189,814 37,963 37,963 37,963 37,963 37,963	Debt Funding		2014	2015	2016	2017	2018	2019
W2 Reservoir Painting and Maintenance 189,814 37,963 37,963 37,963 37,963		2014-2019						
W2 Reservoir Painting and Maintenance 189,814 37,963 37,963 37,963 37,963 37,963	W3 Expanded Power Generation	150.730			37,682	37,682	37,682	37.682
		,,,			,,,,,,,	,		,002
TOTAL NON CAPITAL OPERATING 340,544 37,963 75,645 75,645 75,645 75,645	W2 Reservoir Painting and Maintenance	189,814		37,963	37,963	37,963	37,963	37,963
	TOTAL NON CAPITAL OPERATING	340,544		37,963	75,645	75,645	75,645	75,645

Project for the	Water Department #	W1
PROJECT TITLE	Springs & River Crossing Rehab. Project	13.06
DESCRIPTION	Improvements to the City's spring collection facilities. Replacement of 1,300 lineal piping from the springs across the Green River to the North Bank Pump Station. In series of new pumps for greater pumping efficiency. Replace the chlorine injection Upgrade the controls and telemetry. Restoring the power generation capability has moved to a separately tracked project.	stall a ı system.
BACKGROUND	This is a capacity and system reliability project funded by the Water Supply and Fa Funding Agreement (WSFFA). The Funding agreement anticpated the seeking low financing for this project. There is a very good opportunity to obtain a PWTF loan tyear which will secure the funding for this project no matter what happens to the The Property Owners funding the WSFFA projects will make the Public Works Trust payments with back up surety guaranteeing payment.	interest his next economy.
COMMENTS	The project described above is proposed as the first phase of the WSFFA springs pr second phase is the project W5 .	oject. The
	Capital Plan 2014 - 2019	

CAPITAL PROJECT COSTS

Preliminary Engineering
Design Engineering
Project Management
Construction Costs
TOTAL COSTS

REQUESTED FUNDING

Water Syst & Fac. Fndg Agrmt. TOTAL SOURCES

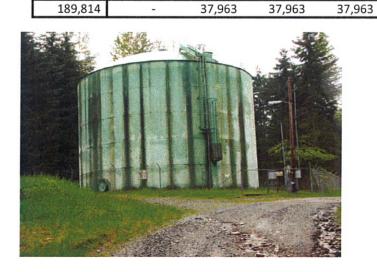
-2	Capital Plan 2014 - 2019									
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019				
-						***************************************				
100,000	100,000									
200,000	75,000	125,000								
2,800,000	1,000,000	1,800,000								
3,100,000	1,175,000	1,925,000	-	-	-	-				
Total \$ Requested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





swinging bridge river crossing

Project for the		Water	Depart	ment		#	W2
PROJECT TITLE	Reservoi	r Paintin	g and Ma	aintenan	ce		13.07
DESCRIPTION	Repaint the 0	.5 MG reservo	oir inside and	out.			
BACKGROUND	The paint job sandblasting						ovide
COMMENTS	The budget w an additional start in 2013	access port, t	ank mixing ar	nd staff costs	. The prelim	inary enginee	ering will
		-	Ca	pital Plan	2014 - 2019	Ð	
CAPITAL PROJECT COSTS	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Design Engineering & bid docs specialty inspection	27,000 5,000	27,000 5,000					
Tank Painting & improvements Project management	141,000 26,000	141,000 26,000					
TOTAL COSTS	199,000	199,000	-	-	-	-	-
REQUESTED FUNDING	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Sewer Loan	187,000	187,000					
Real Estate Excise Tax II	12,000	12,000					
TOTAL SOURCES	199,000	199,000					
DEBT FUNDING	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Internal Sewer Loan	189,814		37,963	37,963	37,963	37,963	37,963
TOTAL DEBT FUNDING	189,814	-	37,963	37,963	37,963	37,963	37,963



Old Lawson Hill 500,000 Gallon Tank

Project for the	Water Department #	W3
PROJECT TITLE	Expanded Power Generation	14.09
DESCRIPTION	Replace the turbine, gear box and pump with a new larger turbine, electrical generator and connections power grid. The penstock and spring overflow pipes needs to be replaced and upsized. The tail race dis needs to be replaced.	
BACKGROUND	This project will provide a source of green energy, prevent south bank erosion, reduce the risk of landslithe Green River, reduce turbidity in the Green River and protect the stability of the spings collection site hopes to partner with an environmental group or a local tribe for the construction of a salmon spawning the cool clean discharge water from the power generation.	s. The City
COMMENTS	Once the City has a back up power generation functioning at the spring site again, the project will reduce systems power costs by approximately \$20,000 per year. The City has not yet determined how much ad clean energy could be generated. The WSFFA Partners will make the debt apyment over 20 years at 1%	ditional

CAPITAL PROJECT COSTS

Permitting & Grants Engineering Project Management Construction Costs TOTAL COSTS

REQUESTED FUNDING

Low interest energy loan TOTAL SOURCES

DEBT FUNDING

WSFFA Partners
TOTAL DEBT FUNDING

	Capital Plan 2014 - 2019							
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019		
40,000 100,000 40,000 500,000	40,000 100,000	40,000 500,000						
680,000	140,000	540,000	-	-	-	-		
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019		
680,000	140,000	540,000						
680,000	140,000	540,000	-	-	-	-		

Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
150,730			37,682	37,682	37,682	37,682
150,730	-	-	37,682	37.682	37,682	37,682





Project for the		Wate	r Depar	tment		#	W4		
PROJECT TITLE	Fire Flow	w Loop	- North (Commer	cial Area	a	13.08		
DESCRIPTION	Replace 200 feet of 4 inch asbestos concrete with 100 feet of 12 inch dutile iron water main across SR 169 at the power substation; Complete a 900 foot 12 inch ductile iron water main loop from Cedar Brook Mobile Home Park to the 6 inch asbestos water main behind Boots Tavern								
BACKGROUND	This is a capacity and system reliability project. Other commercial properties development along SR-169 may also be contributing or constructing portions of this project.								
COMMENTS	service to the	This project does not describe what is needed to provide fire flow and redundant service to the north triangle but rather is the minimum to provide a looped system for the north part of the existing city system. Yarrow Bay commercial development in the North Triangle with required water line looping will make this project a lower priority.							
			C	apital Plan	2014 - 203	19			
CAPITAL PROJECT COSTS	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019		
Construction Costs	800,000					800,000			
TOTAL COSTS	800,000	-	-	-	-	800,000	-		

Total \$

Requested

2014-2019

800,000

800,000

2014

REQUESTED FUNDING

Developer Funded

TOTAL SOURCES



2015

2016

2018

800,000

800,000

2017

2019

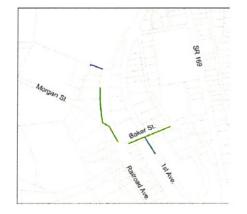
Project for the	Water Department	# W5
PROJECT TITLE	Downtown Water Main Replacement	14.10
DESCRIPTION	Replace 750 feet of 6 inch asbestos water main with 750 feet of 8 inc RR Ave north of Morgan Street. Extend the 8 inch water main on first complete a loop and eliminate a dead end line in the King CountyHou project. Replace 350 feet of 1.25 inch iron pipe and loop the line to F Street.	t Ave 200 feet to using Authority
BACKGROUND	This project will improve water quality by eliminating three dead end system reliability by removing substandard pipe material (asbestos), system functionality by providing a well connected grid of watermain	Improve water

flow by better connectivity.

COMMENTS

The City anticipates applying for a Community Development Block Grant for the funding of this project.

		Capital Plan 2014 - 2019					
CAPITAL PROJECT COSTS	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Engineering	50,000	50,000				g.	
Project Management	15,000	5,000	10,000				-4
Construction	175,000		175,000				
Inspection	10,000		10,000				
TOTAL COSTS	250,000	55,000	195,000	-	-	-	-
REQUESTED FUNDING	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
Grants	225,000	50,000	175,000				200 2017
REET II	25,000	5,000	20,000				
TOTAL SOURCES	250,000	55,000	195,000		-	-	-





Project for the	Water Department	#	W6			
PROJECT TITLE	Springs Transmission main Pepl Phase 1	1	3.09			
DESCRIPTION	Replace 8000 feet of 8 inch asbestos concrete (AC) with 12 inch of from the North Bank Pump Station to tie in to the existing 12" Sp		5			
BACKGROUND	This is a capacity and system reliability project funded by the Water Supply Facilities Funding Agreement.					
COMMENTS	A Public Works Trust Fund loan should be considered for this pro	ject.				

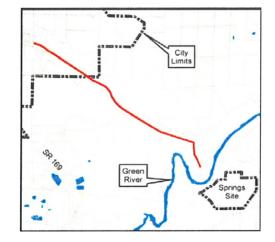
CAPITAL PROJECT COSTS

Design Engineering
Project Management/inspection
Construction Costs
TOTAL COSTS

REQUESTED FUNDING

Water Syst & Fac. Funding Agrmt. TOTAL SOURCES

	Capital Plan 2014 - 2019								
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019			
90,000					90,000				
110,000						110,000			
600,000						600,000			
800,000	-	-	-	-	90,000	710,000			
Total \$									
Requested	2014	2015	2016	2017	2018	2019			
2014-2019									
800,000					90,000	710,000			
800,000	-	-	-	-	90,000	710,000			



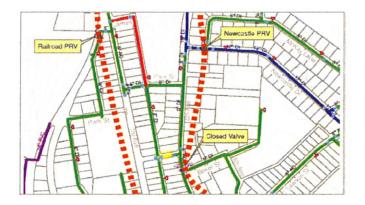


Example of Ductile Iron Water Pipes

Project for the		#	W8						
PROJECT TITLE	Water Comprehensive Plan Update 14.1								
DESCRIPTION		The Department of Health requires an update of the Water Comprehensive Plan every 6 years. The City is due to update the Water Comprensive Plan in 2015.							
COMMENTS	The Public Works Department will update the Water Comprehensive Plan primarily with in house staff with assistance from an outside consultant for water system modeling.								
			Ca	pital Plan	2014 - 201	19			
CAPITAL PROJECT COSTS	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019		
Project Management	130,000	13	80,000	50,000					
TOTAL COSTS	130,000	-	80,000	50,000	-	-	-		
REQUESTED FUNDING	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019		
Water Rates	80,000		80,000						
Developer Funded	50,000			50,000					
TOTAL SOURCES	130,000	-	80,000	50,000	-	-	-		

City of Black Diamond

Water System Comprehensive Plan



Project for the	Water Department # W9	
PROJECT TITLE	4.3 Mil Gal Tank Maintenance & Repairs 14.1:	1
DESCRIPTION	The 4.3 million gallon water tank will be 10 years old in 2016. The tank will need be drained and any and all spots of corrosion or paint damage will need to be spot treated to help preserve the over all inside and exterior coatings.	e
COMMENTS	This project while it is a maintenance project does extend the life of the asset by about 5 to 10 years and therefore is included in this Capital Improvement Plan	

CAPITAL PROJECT COSTS

Water Tank Maintenance

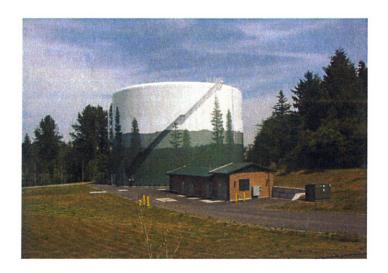
TOTAL COSTS

REQUESTED FUNDING

REET II

TOTAL SOURCES

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



Project for the	Water Department	#	W10
PROJECT TITLE	Water Main Replacement Morgan Street		14.13

DESCRIPTION

Replace 3350 feet of 6 inch asbestos water main from Commission to Roberts Drive

including the 350 feet of 6 inch asbestos pipe in Terrace Place.

BACKGROUND

This project will improve fire flows to the Morganville area and replace

substandard pipe that is nearing its useful performance life.

COMMENTS This is a maintenance project funded by existing customers.

CAPITAL PROJECT COSTS

Preliminary Engineering Engineering, design, bid docs Project Mngmt/insp Construction Contingency

Capital Outlay
Other (Specify)

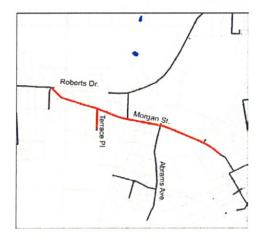
TOTAL COSTS

REQUESTED FUNDING

REET II PWTF Loan

TOTAL SOURCES

			Capital Plan 2014 - 2019						
	Capital Plan 2014 - 2019	2014	2015	2016	2017	2018	2019		
ſ	20,000			20,000					
١	62,000			62,000					
١	40,000	2°.					40,000		
١	481,000						481,000		
١	50,000						50,000		
١	0								
L	0								
۶L	653,000	-	-	82,000		-	571,000		
ſ	Capital Plan	2014	2015	2016	2017	2018	2019		
L	2014 - 2019	2014	2013	2010	2017	2010	2019		
ſ	82,000			82,000	·				
L	571,000						571,000		
s [653,000	-	-	82,000	-	-	571,000		





CAPITAL PROJECT SUMMARY

Expenditure Summary by Project							
			Capital	Plan 2014	- 2019		
SEWER DEPARTMENT	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
S1 Infiltration and Inflow Reduction Program	180,000	30,000	30,000	30,000	30,000	30,000	30,000
S2 Public Works Facilities and Equipment	3,100,000				100,000	500,000	2,500,000
S3 Morganville Force Main Reroute	460,000			20,000	440,000		
S4 Cedarbrook Sewer Main	250,000			250,000			
SEWER DEPT TOTAL PROJECTS	3,990,000	30,000	30,000	300,000	570,000	530,000	2,530,000
Funding Sources					American Sentingues on		
			Capital	Plan 2014	- 2019		
	Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
REET I S3 Morganville Force Main Reroute S2 Public Works Facilities and Equipment	20,000 500,000	2 2 22		20,000	×.	500,000	-
Total REET Sewer Reserves, New Customers & Conn. Fees	520,000			20,000		500,000	
S1 Infiltration and Inflow Reduction Program	180,000	30,000	30,000	30,000	30,000	30,000	30,000
Total Sewer Reserves, New Customers & Conn. Fees	<u> </u>	30,000	30,000	30,000	30,000	30,000	30,000
Public Works Trust Fund Loan							
S2 Public Works Facilities and Equipment	2,600,000				100,000		2,500,000
S3 Morganville Force Main Reroute	440,000				440,000		
S4 Cedarbrook Sewer Main	250,000			250,000			
Total Public Works Trust Fund Loans	3,290,000			250,000	540,000		2,500,000
TOTAL FUNDING FOR SEWER PROJECTS	3,990,000	30,000	30,000	300,000	570,000	530,000	2,530,000

Project for the	Sewer Department	#	S1					
PROJECT TITLE	Infiltration and Inflow Reduction Program		13.10					
DESCRIPTION	Funding for I & I includes investigations, such as: TV inspections, smoke testing, flow monitoring, and then Repair Work such as: pipe rehabilitation, sealing, requiring private line replacement, manhole repair and sewer line replacement.							
BACKGROUND	The City needs to reduce the infiltration and inflow as good stewardship and maintenance of the existing sewer system. The City also desires to preserve and recapture capacity in the wastewater system by reducing and controlling the peak							

CAPITAL PROJECT COSTS

Design & Construction
TOTAL COSTS

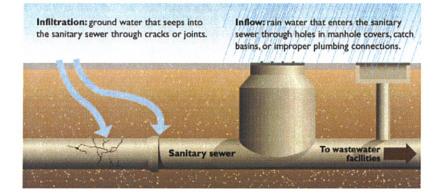
REQUESTED FUNDING

REQUESTED FUNDING

Sewer Reserve

TOTAL SOURCES

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



	Sewer Department	S2
PROJECT TITLE	Public Works Facilities and Equipment	13.13

DESCRIPTION

The City is in need for several additional facilities and equipment. Such as better and larger materials handling and storage facilities; a street sweeper/vactor equipment; shop improvements; and maintenance employee facilities. As the City grows these needs will

BACKGROUND

The City intends to out-source vactor and sweeping services as long as this method is cost effective. The City will also be evaluating the potential of equipment sharing with Maple Valley and Covington.

COMMENTS

Costs and timing will be revisited in the next annual update of the CIP after the results of the General Government Facilities Mitigation Charge Study is complete. The PWTF loan will be for 20 years at 1% interest. The payment will be approximately \$144,079.82 split among the utilities; 13% for Street, and 29% each will come from Water, Sewer and Stormwater. The capital facility charge may pay for a portion of the debt service. Land purchases will need a transfer from REET I.

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

REQUESTED FUNDING

REET I PWTF Loan TOTAL SOURCES

148	Capital Plan 2014 - 2019							
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019		
200,000				100,000		100,000		
500,000					500,000			
2,000,000						2,000,000		
400,000						400,000		
3,100,000	-		-	100,000	500,000	2,500,000		
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019		
500,000					500,000			
2,600,000				100,000		2,500,000		
3,100,000	-	-	-	100,000	500,000	2,500,000		



Project for the	Sewer Department # S3
PROJECT TITLE	Morganville Force Main Reroute 13.12
DESCRIPTION	Reroute the flows from the Morgan Street Sewer pump station from pumping to the Jones Lake Pump Station to pump to the new King County western storage facility. The new force main will be about 3500 feet from Morgan Street west along Roberts Drive and northwest along Lake Sawyer Road East.
BACKGROUND	This project is necessary to reduce sewer flows to the Black Diamond pump station (Jones Lake pump station) to provide capacity for infill in the old part of Black Diamond.
COMMENTS	If there is an interim MPD need for directing flows from the Villages to Jones Lake pump station, most of this project might be constructed by the MPD developer. The Public Works

CAPITAL PROJECT COSTS

Preliminary Engineeering
Design Engineering
Construction Costs
TOTAL COSTS

REQUESTED FUNDING

Reet II PWTF TOTAL SOURCES

				and the House of the later		
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
20,000			20,000			
40,000				40,000		
400,000				400,000		
460,000	-	-	20,000	440,000	-	-
Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
20,000	-	-	20,000		-	-
440,000				440,000		
460,000		-	20,000	440,000	-	-

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



Project for the PROJECT TITLE	Sewer Department Cedarbrook Sewer Main	#	S4 13.11
DESCRIPTION	Acquire City easement through the trailer park. Rehabilitate the existing sew provide reliable public sewer service to the customers in the north east portion		
BACKGROUND	This project is necessary to reduce sewer flows to the Black Diamond pump stake pump station) to provide capacity for infill in the old part of Black Diamo		Jones

COMMENTS

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

CAPITAL PROJECT COSTS

Preliminary Engineeering
Design Engineering
Construction Costs
TOTAL COSTS

REQUESTED FUNDING

PWTF
TOTAL SOURCES

Total \$ Requested 2014-2019	2014	2015	2016	2017	2018	2019
9 250,000			250,000			
250,009	-	-	250,000	-	-	-
Total \$	52					
Requested	2014	2015	2016	2017	2018	2019
2014-2019						
250,000	-	-	250,000		-	-
250,000	-	-	250,000	-	-	-



Stormwater Department CAPITAL PROJECT FUNDING SUMMARY

Ехр	Expenditure Summary by Project								
		STORMWATER			Capital P	lan 2014 - 2	2019		
		Project Name	Total \$ Requested 2014 - 2019	2014	2015	2016	2017	2018	2019
D1	13.14	Lake Sawyer Road Culvert and Guardrail	320,000		70,000	250,000			
D2	13.15	North Commercial and SR 169 Stormwater 7	870,000	40,000	80,000	750,000			
D3	14.15	5th Ave Reconstruction	75,000					75,000	
D4	14.16	Ginder Creek Headwall	70,000					20,000	50,000
D5	14.17	1st Ave & RR Ave & Miner Street	80,000						80,000
	- 200	TOTAL EXPENDITURES	1,415,000	40,000	150,000	1,000,000		95,000	130,000
Fun	ding S	ources							
			Total \$ Requested 2013-2018	2014	2015	2016	2017	2018	2019
GRAI	NTS								
D1	13.14	Lake Sawyer Road Culvert and Guardrail	290,000		40,000	250,000			
D2	13.15	North Commercial and SR 169 Stormwater 1	650,000			650,000			
		Total Ecology Grants	940,000		40,000	900,000			
REET	II								
D1	13.14	Lake Sawyer Road Culvert and Guardrail	30,000		30,000				
D2	13.15	North Commercial and SR 169 Stormwater 1	60,000	40,000	20,000				
D3	14.15	5th Ave Reconstruction	75,000					75,000	
D4	14.16	Ginder Creek Headwall	70,000					20,000	50,000
D5	14.17	1st Ave & RR Ave & Miner Street	80,000						80,000
		Total REET II	315,000	40,000	50,000			95,000	130,000
Deve	loper Fu	nded							
D2	13.15	North Commercial and SR 169 Stormwater 1	160,000		60,000	100,000			
		Total Developer Funded	160,000		60,000	100,000			
		TOTAL FUNDING FOR STORMWATER	1,415,000	40,000	150,000	1,000,000		95,000	130,000

Projection the	Storiliwater Department # DI
PROJECT TITLE	Lake Sawyer Road Culvert and Guardrail 13.14
DESCRIPTION	Replacing Stormwater Infrastructure: Replace the three 72 inch corregated metal culverts with a bottomless concrete box culvert and install guard rails to protect vehicles from running into the creek. The summer 2012 inspections found the culverts to be structurally sound, but with serious corrosionand pitting in the lower third of the culverts and a few areas where corrosion has opened holes in the culvert. The culverts could be lined to preserve their structural integrity at about a third of the cost of replacement.
BACKGROUND	The existing three culverts may impede the upstream migration of salmon. The existing corregated metal culverts are showing signs of corrosion. The guard rails will protect the

environment from errant stray vehicles.

COMMENTS

Draiget for the

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

Capital Projects 2014 - 2019

2014	2015	2016	2017	2018	2019	
	70,000					
		250,000				
	70,000	250,000	-	-	-	
2014	2015	2016	2017	2018	2019	
	40,000	250,000				
	30,000					
	-	2014 2015 70,000 - 70,000 2014 2015 40,000	2014 2015 2016 70,000 250,000 - 70,000 250,000 2014 2015 2016 40,000 250,000	2014 2015 2016 2017 70,000 250,000 - 70,000 250,000 - 2014 2015 2016 2017 40,000 250,000	2014 2015 2016 2017 2018 70,000 250,000 - 70,000 250,000 2014 2015 2016 2017 2018 40,000 250,000	

250,000

70,000

Design Engineering
Construction
TOTAL COSTS

REQUESTED FUNDING

Grants (Dept of Ecology)
Reet II
BFB Carryover
TOTAL SOURCES



320,000



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

Total ¢

DESCRIPTION

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

BACKGROUND

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

COMMENTS

The City should look for grant opportunities and private developer contribution opportunities to upgrade the treatment of the stormwater discharges into Ginder Creek. A joint project with a developer may also be possible.

Preliminary Engineer/Permitting Design Engineering Construction

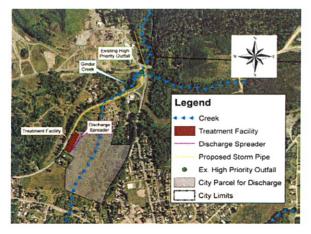
iotai \$						
Requested	2014	2015	2016	2017	2018	2019
2014 - 2019						
40,000	40,000					
80,000		80,000				
750,000			750,000			
870,000	40,000	80,000	750,000	-	-	-
Total \$	2014	2015	2016	2017	2018	2010

Capital Projects 2014 - 2019

Grant REET II Developer Funded TOTAL SOURCES

TOTAL COSTS

Total \$						
Requested	2014	2015	2016	2017	2018	2019
2014 - 2019						
650,000			650,000			
60,000	40,000	20,000				
160,000		60,000	100,000			
870,000	40,000	80,000	750,000	-	-	-





Example of a Bioswale to Help Filter Storm Water

Project for the PROJECT TITLE	Stormwater Department 5th Ave Reconstruction	#	D3 14.15
DESCRIPTION	This is the storm water treatment and detention project for the roadway run Ave Reconstruction project. Approximately 1000 feet of storm pipe, catch be pond and dispersal trench. Locating the wet pond on the City's Public Works option.	asins a	nd a wet
BACKGROUND	Whereas this project will require treatment and detention of the stori according to the department of Ecology storm water manual for the e Storm water utility needs to fund the improvements to the storm wat bringing treatment and detention up to code.	ntire s	street, the

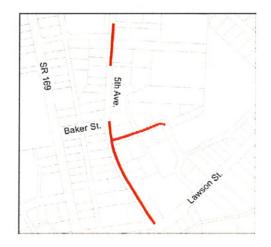
COMMENTS

Construction TOTAL COSTS

REET II

TOTAL SOURCES

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





Project for the	St	ormwa	iter Dep	artmer	it	#	D4	
PROJECT TITLE	Ginder C	reek He	adwall				14.16	
DESCRIPTION	Reconstruct a Roberts Drive	Reconstruct an 80 foot section of the Ginder Creek Headwall along the north side of Roberts Drive						
BACKGROUND	The base of the existing concrete headwall was not constructed deep enough so that high flows in Ginder Creek have undermined the headwall destabilizing the wall. The headwall has been slowly tilting into the Creek. Staff has braced the headwall as an interim step to hold the wall in position.							
COMMENTS	This project is needed to protect the roadway and prevent the erosion that we occur if the headwall tipped over. A significant amount of the cost of this project be related to environmental permitting.							
			Capital Pr	ojects 201	4 - 2019			
	Total							
	Requested	2014	2015	2016	2017	2018	2019	
Deal's single Facilities /Demails	2014 - 2019					10.000		
Preliminary Engineer/Permitting Design Engineering	10,000 10,000					10,000 10,000		
Construction	50,000					10,000	50,000	
TOTAL COSTS	70,000	-		-	-	20,000	50,000	
	Total							
	Requested 2014 - 2019	2014	2015	2016	2017	2018	2019	
REET II	70,000					20,000	50,000	
TOTAL SOURCES	70,000	-	-	-	-	20,000	50,000	



Project for the

Stormwater Department 1st Ave & RR Ave & Miner Street

D5 14.17

DESCRIPTION

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

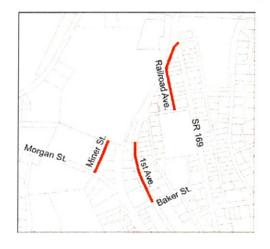
BACKGROUND

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

Construction
TOTAL COSTS

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

Reet II
TOTAL SOURCES





REET II ANALYSIS SUMMARY (Fund 320) Capital Improvement Plan 2014 - 2019 **REET II - REVENUE** Capital Improvement Plan 2014 - 2019 2014-2019 2014 2015 2016 Summary 2017 2018 2019 Total Beg Fund Balance 104 294,174 258,555 367,122 710,684 1,261,248 1,858,687 **REET Revenue (annual)** 1/4 of 1% REET - Existing Property 383.875 40.625 47.813 55.250 62.938 81.000 96.250 1/4 of 1% REET - Other new homes 43.075 3.125 6.375 6.500 7.288 8,100 11,688 1/4 of 1% REET - Phase 1A 2,708,394 59,631 194,379 446.812 585.339 683.339 738,894 Subtotal REET | Revenue 3,135,344 103,381 248,567 508,562 655,564 772,439 846,832 Reet II Transfer TOTAL Avail. Balance for Gen Govt Projects 3,135,344 397,555 507,122 875,684 1,366,248 2,033,687 2,705,518 **REET II - PROJECT EXPENDITURES** Capital Improvement Plan 2014 - 2019 2014-2019 Summary 2014 2015 2016 2017 2018 2019 Total Street Projects T1 General Street Improvement 30.000 180.000 30.000 30.000 30.000 30.000 30,000 T5 Grant Matching Fund 240,000 40,000 40,000 40,000 40,000 40,000 40,000 12,000 T8 Jones Lake Road 12,000 T9 228th & 224th & 216th Chip Seal 13,000 13,000 T11 232nd Ave Overlay 45,000 35,000 10,000 Subtotal Street Projects with REET II 490,000 82,000 70,000 83,000 105,000 80,000 70,000 **Water Projects** W2 Reservoir Painting and Maintenance 12,000 12,000 W5 Downtown Water Main Replacement 25,000 5,000 20.000 W9 4.3 Mil Gal Tank Maintenance & Repairs 30.000 30,000 W10 Water Main Replacement Morgan Street 82,000 82 000 Subtotal Water Projects with REET II 149,000 17,000 20,000 82,000 30,000 Sewer Projects S3 Morganville Force Main Reroute 20,000 20.000 Subtotal Sewer Projects with REET II 20,000 20,000 Stormwater Projects D1 1st Ave & RR Ave & Miner Street 30,000 30,000 North Commercial and SR 169 Stormwater Treatmer 60,000 40,000 20,000 5th Ave Reconstruction 75,000 75,000 Ginder Creek Headwall 70,000 20,000 50,000 D5 1st Ave & RR Ave & Miner Street 80,000 80,000 Subtotal Stormwater Projects with REET II 315,000 40.000 50,000 95,000 130,000 Total REET II Projects 974,000 139,000 140.000 165,000 105.000 175,000 230,000 Total REET II Debt TOTAL REET II 974,000 139,000 140,000 165,000 105,000 175,000 230,000 REET II left for next year (Ending Balance) 2,161,344 258,555 367,122 710,684 1,261,248 1,858,687 2,475,518 **REET based on Houses sold** 2014 2015 2016 2017 2018 2019 Existing Property Sales (in 000's) 62 @\$250 75 @\$255 85 @\$260 95 @\$265 120 @\$270 140 @\$275 Other new home sales (in 000's) 5 @\$250 10@\$255 10 @\$260 11@\$265 12 @\$270 17 @\$275 MPD Phase 1 Resulting Sales - Per Fiscal Analysis 59,631 194,379 446,812 585,339 683,339 738,894



DRAFT-CIP SCHEDULE DRAFT CITY OF BLACK DIAMOND

2013 Schedule-CIP 2014-2019

	Process	Internal Due Date	Committee Meetings	Workstudy	City Council Meetings
1	CIP Planning Meeting with Mayor/Mark/Brenda	Mar 5 or 6			
2	CIP Call letter to affected departments (include goals, rules and timelines)	March 12			
3	Departments prepare detailed requests and submit to City Administration and Finance	March 19 – Apr 5			
4	Finance prepares operating revenue sources for affected funds such as Street, Sewer, Water, Drainage and General Government and provides 2014-2019 worksheets to managers	April 5			
5	Finance prepares draft spreadsheet combining revenues and department requests for internal review with Administration	April 15			
6	Administration and Finance meet departments to review options	Apr 16-Apr 30			
7	1 st CIP Committee Meeting for Public Works	-	Fri, May 10 10:30-12		
9	CIP Committee Meeting for Parks		May 16 10-11		
10	Finance Committee Meeting-CIP- Canceled by Staff		May 30 9-10		
11	Public Safety Committee Meeting	-	Fri May 31 9-10		
12	Public Works Committee Meeting-2 nd mtg canceled by Committee				
13	CIP Council Workstudy: Public Works-			June 13 5:30	
14	CIP Council Workstudy: Non-PublicWorks-			June 20 5:30	
15	Public Hearing on proposed 2014-2019 CIP-Council Meeting				July 11
16	Council adopts 2014-2019 CIP				July 18

2014 – 2019 Capital Improvement Plan (CIP)

Regular scheduled Council meetings in **BOLD**)

COMMUNITY FACILITIES DISTRICT

The Villages - CFD Project List

Item Description		Cost Estimate	Preliminary Estimate of Special Benefit	Total	
	SR 169/Roberts Drive/				
1	Ravensdale Interim Imp.	\$1,758,178	66.30%	\$1,165,672	
2	Pipe Line Road Water Main Ext.	\$2,297,952	80.00%	\$1,838,362	
3	Pipeline Road (Tie to Interim Imp.)	\$9,637,000	75%	\$7,227,750	
	Lake Sawyer/Pipe Line Road				
4	Roundabout	\$1,100,000	50.00%	\$550,000	
5	Onsite Spine Road	\$7,878,995	41.60%	\$3,277,662	
6	Onsite Ring Road	\$4,670,150	63.70%	\$2,974,886	
7	Stormwater Detention Pond	\$1,762,200	78.20%	\$1,378,040	
8	Sanitary Sewer Lift station	\$1,492,912	74.30%	\$1,109,234	
	Total	\$30,597,387		\$19,521,605	

