



**CITY OF BLACK DIAMOND**  
**May 8, 2014 Work Session and Town Hall Meeting Agenda**  
25510 Lawson Street, Black Diamond, Washington

**6:00 P.M. – CALL TO ORDER, FLAG SALUTE, ROLL CALL**

**WORK SESSION:**

1) Capital Improvement Plan - Public Works

Ms. Miller and Mr. Boettcher

**TOWN HALL MEETING:**

2) Open Mic

3) Adjournment



# City of Black Diamond



## PUBLIC WORKS DRAFT Capital Improvement Plan 2015 – 2020

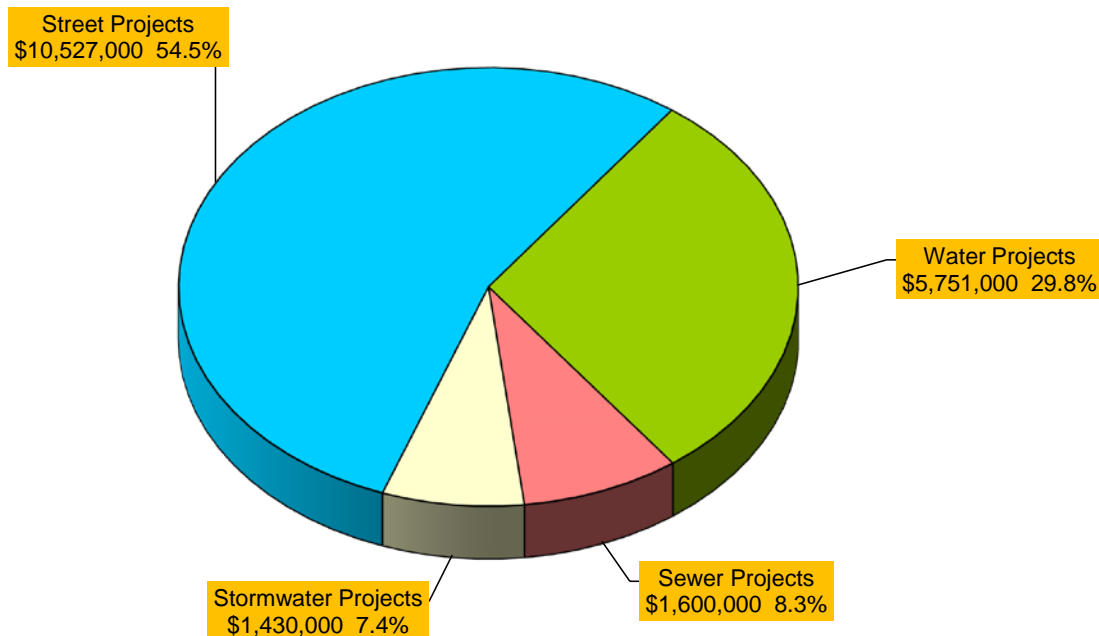
Revised 4/29/2014

## Public Works Fund Summary

### Capital Improvement Plan 2015 - 2020

Funds	Total \$ Project 2015 - 2020	2015	2016	2017	2018	2019	2020
Street Projects	10,527,000	477,000	1,485,000	299,000	966,000	2,150,000	5,150,000
Water Projects	5,751,000	335,000	590,000	2,381,000	65,000	1,120,000	1,260,000
Sewer Projects	1,600,000	35,000	35,000	70,000	330,000	555,000	575,000
Stormwater Projects	1,430,000	10,000	160,000	1,110,000	40,000	50,000	60,000
<b>TOTAL Project COSTS</b>	<b>\$ 19,308,000</b>	<b>\$857,000</b>	<b>\$2,270,000</b>	<b>\$3,860,000</b>	<b>\$1,401,000</b>	<b>\$3,875,000</b>	<b>\$7,045,000</b>

**Public Works CIP by Fund**  
**Total: \$19,308,000**



## CIP Public Works Summary

### Capital Improvement Plan 2015 - 2020

		Total \$ Project 2015 - 2020	2015	2016	2017	2018	2019	2020
<b>STREET PROJECTS</b>								
T1	General Street Improvement	180,000	30,000	30,000	30,000	30,000	30,000	30,000
T2	Roberts Drive/State Rt 169 Roundabout	7,070,000				210,000	1,790,000	5,070,000
T3	Roberts Drive Rehabilitation	1,520,000	265,000	1,255,000				
T4	Grant Matching Fund	240,000	40,000	40,000	40,000	40,000	40,000	40,000
T5	Lawson Street Sidewalk Phase II	356,000				76,000	280,000	
T6	Jones Lake Road	122,000	122,000					
T7	228th & 224th & 216th Chip Seal	129,000			129,000			
T9	1st Ave & RR Ave Bicycle Bypass	715,000		25,000	90,000	600,000		
T10	Sidewalk Safety	135,000	10,000	125,000				
(T)ER	Equipment Replacement	60,000	10,000	10,000	10,000	10,000	10,000	10,000
<b>STREET PROJECTS</b>		<b>10,527,000</b>	<b>477,000</b>	<b>1,485,000</b>	<b>299,000</b>	<b>966,000</b>	<b>2,150,000</b>	<b>5,150,000</b>
<b>WATER PROJECTS</b>								
W1	Springs & River Crossing Rehab. Project	2,916,000	120,000	480,000	2,316,000			
W3	Salmon Enhancement & Green Energy	1,415,000		45,000	55,000	55,000	210,000	1,050,000
W4	Fire Flow Loop - North Commercial Area	800,000					800,000	
W6	Water Comprehensive Plan Update	135,000	80,000	55,000				
W7	4.3 Mil Gal Tank Maintenance & Repairs	30,000					30,000	
W8	Asbestos Water Main Replacement Program	270,000					70,000	200,000
W9	0.5 MG Water Reservoir Recoat	125,000	125,000					
(W)ER	Equipment Replacement	60,000	10,000	10,000	10,000	10,000	10,000	10,000
<b>WATER PROJECTS</b>		<b>5,751,000</b>	<b>335,000</b>	<b>590,000</b>	<b>2,381,000</b>	<b>65,000</b>	<b>1,120,000</b>	<b>1,260,000</b>
<b>SEWER PROJECTS</b>								
S1	Infiltration and Inflow Reduction Program	150,000	25,000	25,000	25,000	25,000	25,000	25,000
S2	Public Works Facilities and Equipment	600,000					500,000	100,000
S3	Morganville Force Main Reroute	460,000					20,000	440,000
S4	Cedarbrook Sewer Main	330,000			35,000	295,000		
(S)ER	Equipment Replacement	60,000	10,000	10,000	10,000	10,000	10,000	10,000
<b>SEWER PROJECTS</b>		<b>1,600,000</b>	<b>35,000</b>	<b>35,000</b>	<b>70,000</b>	<b>330,000</b>	<b>555,000</b>	<b>575,000</b>
<b>STORMWATER PROJECTS</b>								
D1	Cov. Creek Culvert; Safety and Salmon Imp.	320,000		70,000	250,000			
D2	North Commercial and SR 169 Stormwater Treatment Pond	870,000		20,000	850,000			
D4	Ginder Creek Headwall	90,000					40,000	50,000
D5	Stormwater Treatment for bicycle bypass	30,000				30,000		
D6	Lawson Hills Estates Storm Pond	60,000		60,000				
(D)ER	Equipment Replacement	60,000	10,000	10,000	10,000	10,000	10,000	10,000
<b>STORMWATER PROJECTS</b>		<b>1,430,000</b>	<b>10,000</b>	<b>160,000</b>	<b>1,110,000</b>	<b>40,000</b>	<b>50,000</b>	<b>60,000</b>
<b>TOTAL PUBLIC WORKS CAPITAL PROJECTS</b>		<b>19,308,000</b>	<b>857,000</b>	<b>2,270,000</b>	<b>3,860,000</b>	<b>1,401,000</b>	<b>3,875,000</b>	<b>7,045,000</b>

CIP Public Works Summary FUNDING SUMMARY								
Capital Improvement Plan 2015 - 2020		Total \$ Project 2015 - 2020	2015	2016	2017	2018	2019	2020
<b>REET II Funding</b>								
T1	General Street Improvement	180,000	30,000	30,000	30,000	30,000	30,000	30,000
T4	Grant Matching Fund	240,000	40,000	40,000	40,000	40,000	40,000	40,000
W9	0.5 MG Water Reservoir Recoat	5,000	5,000					
Total REET II Funding		425,000	75,000	70,000	70,000	70,000	70,000	70,000
<b>Water Rates</b>								
W6	Water Comprehensive Plan Update	80,000	80,000					
W7	4.3 Mil Gal Tank Maintenance & Repairs	30,000					30,000	
Total Water Rates		110,000	80,000				30,000	
<b>Water Connection Fees</b>								
W4	Fire Flow Loop - North Commercial Area	800,000					800,000	
Total Water Connection Fees		800,000					800,000	
<b>Sewer Connection Fees/Reserves</b>								
S1	Infiltration and Inflow Reduction Program	150,000	25,000	25,000	25,000	25,000	25,000	25,000
S3	Morganville Force Main Reroute	20,000					20,000	
Total Sewer Connection Fees/Reserves		170,000	25,000	25,000	25,000	25,000	45,000	25,000
<b>Stormwater Funding</b>								
D6	Lawson Hills Estates Storm Pond	60,000		60,000				
T11	1st Ave & RR Ave Bicycle Bypass	60,000				60,000		
Total Stormwater Funding		120,000		60,000		60,000		
<b>Developer, Impact Fees and/or SEPA</b>								
T2	Roberts Drive/State Rt 169 Roundabout	3,535,000				210,000	1,060,000	2,265,000
T5	Lawson Street Sidewalk Phase II	41,000				21,000	20,000	
T9	1st Ave & RR Ave Bicycle Bypass	60,000				60,000		
Total Developer, Street Impact and/or SEPA Fees		3,636,000				291,000	1,080,000	2,265,000
<b>WSFFA</b>								
W1	Springs & River Crossing Rehab. Project	2,916,000	120,000	480,000	2,316,000			
Total WSFFA		2,916,000	120,000	480,000	2,316,000			
<b>Museum In-Kind Contribution</b>								
T10	Sidewalk Safety	30,000		30,000				
Total Museum In-Kind Contribution		30,000		30,000				

FUNDING SUMMARY CONT.		Total \$ Project 2015 - 2020	2015	2016	2017	2018	2019	2020
<b>Grants (TIB,CDBG,DOE, etc)</b>								
T2	Roberts Drive/State Rt 169 Roundabout	3,535,000					730,000	2,805,000
T3	Roberts Drive Rehabilitation	1,314,800	229,225	1,085,575				
T5	Lawson Street Sidewalk Phase II	165,000				55,000	110,000	
T5	Lawson Street Sidewalk Phase II	150,000					150,000	
T6	Jones Lake Road	110,000	110,000					
T7	228th & 224th & 216th Chip Seal	116,000			116,000			
T9	1st Ave & RR Ave Bicycle Bypass	490,000			80,000	410,000		
T10	Sidewalk Safety	5,000		5,000				
T10	Sidewalk Safety	80,000		80,000				
W3	Grant (Green Energy)	550,000				40,000		510,000
W3	Grant (Salmon mitigation)	540,000						540,000
D1	Cov. Creek Culvert; Safety and Salmon Imp.	320,000		70,000	250,000			
D2	North Commercial and SR 169 Stormwater Treatment Pond	850,000			850,000			
<b>Total Grants</b>		<b>8,225,800</b>	<b>339,225</b>	<b>1,240,575</b>	<b>1,296,000</b>	<b>505,000</b>	<b>990,000</b>	<b>3,855,000</b>
<b>Grant Matching</b>								
T3	Roberts Drive Rehabilitation	205,200	35,775	169,425				
T6	Jones Lake Road	12,000	12,000					
T7	228th & 224th & 216th Chip Seal	13,000			13,000			
T9	1st Ave & RR Ave Bicycle Bypass	105,000		25,000	10,000	70,000		
T10	Sidewalk Safety	20,000	10,000	10,000				
D2	North Commercial and SR 169 Stormwater Treatment Pond	20,000		20,000				
D4	Ginder Creek Headwall	90,000					40,000	50,000
D5	Stormwater Treatment for bicycle bypass	30,000				30,000		
<b>Total Grant Matching</b>		<b>495,200</b>	<b>57,775</b>	<b>224,425</b>	<b>23,000</b>	<b>100,000</b>	<b>40,000</b>	<b>50,000</b>
<b>Public Works Trust Fund Loans</b>								
W3	Salmon Enhancement & Green Energy	325,000		45,000	55,000	15,000	210,000	
W8	Asbestos Water Main Replacement Program	270,000					70,000	200,000
W9	0.5 MG Water Reservoir Recoat	120,000	120,000					
S3	Morganville Force Main Reroute	440,000						440,000
S4	Cedarbrook Sewer Main	330,000			35,000	295,000		
<b>Total PWTF Loans</b>		<b>1,485,000</b>	<b>120,000</b>	<b>45,000</b>	<b>90,000</b>	<b>310,000</b>	<b>280,000</b>	<b>640,000</b>
<b>Loans or Bonding Funding</b>								
S2	Public Works Facilities and Equipment	600,000					500,000	100,000
<b>Total Loans or Bonding Funding</b>		<b>600,000</b>					<b>500,000</b>	<b>100,000</b>
<b>Equipment Replacement Schedule</b>								
(T)ER	Street	60,000	10,000	10,000	10,000	10,000	10,000	10,000
(W)ER	Water	60,000	10,000	10,000	10,000	10,000	10,000	10,000
(S)ER	Sewer	60,000	10,000	10,000	10,000	10,000	10,000	10,000
(D)ER	Stormwater	60,000	10,000	10,000	10,000	10,000	10,000	10,000
<b>Total Equipment Replacement Schedule Funding</b>		<b>240,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>
<b>Grand Total Public Works CIP Funding</b>		<b>19,308,000</b>	<b>857,000</b>	<b>2,270,000</b>	<b>3,860,000</b>	<b>1,401,000</b>	<b>3,875,000</b>	<b>7,045,000</b>

# REET II ANALYSIS SUMMARY (Fund 320)

## Capital Improvement Plan 2015 - 2020

REET II - REVENUE		Capital Improvement Plan 2015 - 2020					
	Total \$ Project 2015 - 2020	2015	2016	2017	2018	2019	2020
Beg Fund Balance 321	180,741	180,741	118,241	65,241	71,179	81,804	109,804
REET Revenue (annual)							
1/4 of 1% REET - Existing Property	450,938	59,500	63,000	68,438	75,000	90,000	95,000
1/4 of 1% REET - Other new homes	37,125	3,000	4,000	7,500	5,625	8,000	9,000
<b>Subtotal REET II Revenue</b>	<b>488,063</b>	<b>62,500</b>	<b>67,000</b>	<b>75,938</b>	<b>80,625</b>	<b>98,000</b>	<b>104,000</b>
<b>TOTAL Avail. Balance for Gen Govt Projects</b>	<b>668,804</b>	<b>243,241</b>	<b>185,241</b>	<b>141,179</b>	<b>151,804</b>	<b>179,804</b>	<b>213,804</b>
REET II - PROJECT EXPENDITURES		Capital Improvement Plan 2015 - 2020					
	Total \$ Project 2015 - 2020	2015	2016	2017	2018	2019	2020
Street Projects							
T1 General Street Improvement	180,000	30,000	30,000	30,000	30,000	30,000	30,000
T4 Grant Matching Fund	240,000	40,000	40,000	40,000	40,000	40,000	40,000
W9 0.5 MG Water Reservoir Recoat	5,000	5,000					
<b>Total REET II Projects</b>	<b>425,000</b>	<b>75,000</b>	<b>70,000</b>	<b>70,000</b>	<b>70,000</b>	<b>70,000</b>	<b>70,000</b>
<b>Total Transfer to Street Fund</b>	<b>100,000</b>	<b>50,000</b>	<b>50,000</b>				
<b>TOTAL REET II</b>	<b>525,000</b>	<b>125,000</b>	<b>120,000</b>	<b>70,000</b>	<b>70,000</b>	<b>70,000</b>	<b>70,000</b>
<b>REET II left for next year (Ending Balance)</b>	<b>143,804</b>	<b>118,241</b>	<b>65,241</b>	<b>71,179</b>	<b>81,804</b>	<b>109,804</b>	<b>143,804</b>
<b>REET based on Houses sold</b>		<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>
Existing Property Sales (in 000's)		69 @\$336	70 @\$340	72 @\$350	75 @\$365	80 @\$375	90 @400
Other new home sales (in 000's)		2 @\$336	2 @\$340	3 @\$350	4 @\$365	6 @\$375	8 @\$400

# Street Department (Transportation Projects)

## CAPITAL PROJECT SUMMARY

### Expenditure Summary by Project

		Capital Plan 2015 - 2020					
STREET DEPARTMENT	Total \$ Requested 2015-2020	2015	2016	2017	2018	2019	2020
T1 General Street Improvement	180,000	30,000	30,000	30,000	30,000	30,000	30,000
T2 Roberts Drive/State Rt 169 Roundabout	7,070,000				210,000	1,790,000	5,070,000
T3 Roberts Drive Rehabilitation	1,520,000	265,000	1,255,000				
T4 Grant Matching Fund	240,000	40,000	40,000	40,000	40,000	40,000	40,000
T5 Lawson Street Sidewalk Phase II	356,000				76,000	280,000	
T6 Jones Lake Road	122,000	122,000					
T7 228th & 224th & 216th Chip Seal	129,000			129,000			
T9 1st Ave & RR Ave Bicycle Bypass	715,000		25,000	90,000	600,000		
T10 Sidewalk Safety	135,000	10,000	125,000				
(T)EF Equipment Replacement	60,000	10,000	10,000	10,000	10,000	10,000	10,000
<b>STREET DEPT TOTAL PROJECTS</b>	<b>10,527,000</b>	<b>477,000</b>	<b>1,485,000</b>	<b>299,000</b>	<b>966,000</b>	<b>2,150,000</b>	<b>5,150,000</b>
Funding Sources		Capital Plan 2015 - 2020					
	Total \$ Requested 2015-2020	2015	2016	2017	2018	2019	2020
<b>TIB, CDBG and Other Grants</b>							
T2 Roberts Drive/State Rt 169 Roundabout	3,535,000					730,000	2,805,000
T3 Roberts Drive Rehabilitation	1,314,800	229,225	1,085,575				
T5 Lawson Street Sidewalk Phase II	165,000				55,000	110,000	
T5 Lawson Street Sidewalk Phase II	150,000					150,000	
T6 Jones Lake Road	110,000	110,000					
T7 228th & 224th & 216th Chip Seal	116,000			116,000			
T9 1st Ave & RR Ave Bicycle Bypass	490,000			80,000	410,000		
T10 Sidewalk Safety	5,000		5,000				
T10 Sidewalk Safety	80,000		80,000				
<b>Total Grants</b>	<b>5,965,800</b>	<b>339,225</b>	<b>1,170,575</b>	<b>196,000</b>	<b>465,000</b>	<b>990,000</b>	<b>2,805,000</b>
<b>Developer Funded/Impact Fees/SEPA</b>							
T2 Roberts Drive/State Rt 169 Roundabout	3,535,000				210,000	1,060,000	2,265,000
T5 Lawson Street Sidewalk Phase II	41,000				21,000	20,000	
T9 1st Ave & RR Ave Bicycle Bypass	60,000				60,000		
<b>Total Developer/Impact/SEPA Funding</b>	<b>3,636,000</b>				<b>291,000</b>	<b>1,080,000</b>	<b>2,265,000</b>
<b>Real Estate Excise Tax II Funding</b>							
T1 General Street Improvement	180,000	30,000	30,000	30,000	30,000	30,000	30,000
T4 Grant Matching Fund	240,000	40,000	40,000	40,000	40,000	40,000	40,000
<b>Total REET II Funding</b>	<b>420,000</b>	<b>70,000</b>	<b>70,000</b>	<b>70,000</b>	<b>70,000</b>	<b>70,000</b>	<b>70,000</b>
<b>Museum In-Kind Contribution</b>							
T10 Sidewalk Safety	30,000		30,000				
<b>Total Museum In-Kind Contribution</b>	<b>30,000</b>		<b>30,000</b>				
<b>Grant Matching Fund</b>							
T3 Roberts Drive Rehabilitation	205,200	35,775	169,425				
T6 Jones Lake Road	12,000						
T7 228th & 224th & 216th Chip Seal	13,000			13,000			
T9 1st Ave & RR Ave Bicycle Bypass	105,000		25,000	10,000	70,000		
T10 Sidewalk Safety	20,000	10,000	10,000				
<b>Total Grant Matching Fund</b>	<b>355,200</b>	<b>57,775</b>	<b>204,425</b>	<b>23,000</b>	<b>70,000</b>		
<b>Stormwater Reserve</b>							
T9 1st Ave & RR Ave Bicycle Bypass	60,000				60,000		
<b>Total Stormwater Reserve</b>	<b>60,000</b>				<b>60,000</b>		
<b>Total Street Projects</b>	<b>10,467,000</b>	<b>467,000</b>	<b>1,475,000</b>	<b>289,000</b>	<b>956,000</b>	<b>2,140,000</b>	<b>5,140,000</b>
<b>(T)EF Equipment Replacement</b>	<b>60,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>
<b>Total Street Funding</b>	<b>10,527,000</b>	<b>477,000</b>	<b>1,485,000</b>	<b>299,000</b>	<b>966,000</b>	<b>2,150,000</b>	<b>5,150,000</b>



## Capital Plan 2015 - 2020

<b>Project for the</b>	<b>Street Department</b>	<b>T1</b>
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<b>PROJECT TITLE</b>	<b>General Street Improvement</b>	<b>13.01</b>
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**DESCRIPTION**      Annually the Public Works staff assesses the street system and selects key street preservation and improvement work. Typical activities under this project are chip sealing, crack sealing, patch work and addressing minor safety problems. Because of the declining revenue in the street fund the cost of striping, signs, and roadside materials have been shifted to REET funding and are included in this work item.

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

**COMMENTS**      As more routine maintenance costs are shifted to this street improvement category, overlay projects may not be possible.

		Capital Plan 2014 - 2019					
		2015	2016	2017	2018	2019	2020
<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested 2015-2020</b>						
Construction Costs	180,000	30,000	30,000	30,000	30,000	30,000	30,000
<b>TOTAL COSTS</b>	<b>180,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>
<b>REQUESTED FUNDING</b>	<b>Total \$ Requested 2015-2020</b>						
REET II	180,000	30,000	30,000	30,000	30,000	30,000	30,000
<b>TOTAL SOURCES</b>	<b>180,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>



## Capital Plan 2015 - 2020

Project for the **Street Department** **T2**

**PROJECT TITLE** **Roberts Drive/State Rt 169 Roundabout** **13.02**

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

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

**COMMENTS** The developer's initial mitigation improvements for this intersection will be realignment and signal improvements. As traffic grows and the needs increase the chances of receiving grant funding will improve. Once the preliminary engineering is complete the City will be prepared to begin applying for grants.

	Total \$ Requested 2015-2020	Capital Plan 2014 - 2019					
		2015	2016	2017	2018	2019	2020
<b>CAPITAL PROJECT COSTS</b>							
Land/Right of Way	200,000					200,000	
Preliminary Engineering	200,000				200,000		
Environ Engr & Permitting	300,000					300,000	
Construction Engineering	500,000						500,000
Bid Documents	50,000					50,000	
Design Engineering	600,000					600,000	
Construction Costs	4,665,000					350,000	4,315,000
Environ Mitigation	200,000					200,000	
Management / Administration	355,000				10,000	90,000	255,000
<b>TOTAL COSTS</b>	<b>7,070,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>210,000</b>	<b>1,790,000</b>	<b>5,070,000</b>
	Total \$ Requested 2015-2020	2015	2016	2017	2018	2019	2020
<b>REQUESTED FUNDING</b>							
Developer	3,535,000				210,000	1,060,000	2,265,000
Grants	3,535,000					730,000	2,805,000
<b>TOTAL SOURCES</b>	<b>7,070,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>210,000</b>	<b>1,790,000</b>	<b>5,070,000</b>



Proposed Roundabout



## Capital Plan 2015 - 2020

Project for the	Street Department	#	T3
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PROJECT TITLE	Roberts Drive Rehabilitation	14.02
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<b>DESCRIPTION</b>	Grind, Patch and Replace concrete panels; Seal joints and cracks; Pave the shoulders; Overlay the existing roadway
<b>BACKGROUND</b>	The concrete roadway is about 100 years old but needs some major repair work. This project is to repair and preserve the existing road. At some point the city plans to upgrade the road to an urban standard with sidewalk, curb, gutters and street lights.
<b>COMMENTS</b>	This budget was increased to address storm water treatment, asphalt shoulders, an overlay and the extra cost of a federally funded project. Whereas there are alternatives to looping and connecting water mains along this section of roadway, this project can move forward without full water system

### CAPITAL PROJECT COSTS

Prelim Engineering & Environmental
Design & bid docs
Management & Admin
Construction
Services during Construction
Contingency

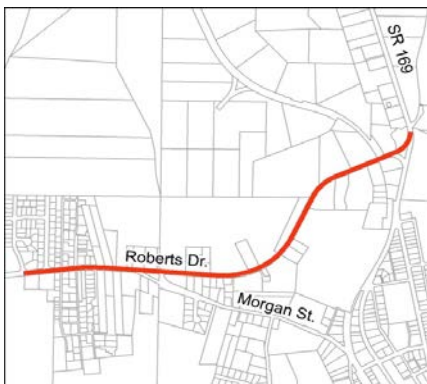
### TOTAL COSTS

### REQUESTED FUNDING

Federal Pave. Preservation Grant
TIB Federal Grant Matching

### TOTAL SOURCES

Capital Plan 2015 - 2020						
Total \$ Requested 2015-2020	2015	2016	2017	2018	2019	2020
95,000	\$95,000					
145,000	145,000					
40,000	10,000	30,000				
950,000		950,000				
145,000		145,000				
145,000	15,000	130,000				
<b>1,520,000</b>	<b>265,000</b>	<b>1,255,000</b>	-	-	-	-
Total \$ Requested 2015-2020	2015	2016	2017	2018	2019	2020
1,314,800	229,225	1,085,575				
205,200	35,775	169,425				
<b>1,520,000</b>	<b>265,000</b>	<b>1,255,000</b>				



## Capital Plan 2015 - 2020

Project for the	<b>Street Department</b>	<b>#</b>	<b>T4</b>
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<b>PROJECT TITLE</b>	<b>Grant Matching Fund</b>	<b>13.03</b>
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**DESCRIPTION** This project is used to accumulate funds for a match for grants for street and pedestrian projects now scheduled on the CIP.

**BACKGROUND** The City has used this fund for professional technical assistance with grant applications and supplement funding if a grant is received for a project that needs to be moved up in the CIP schedule or if a larger match than anticipated is needed.

		Capital Plan 2015 - 2020					
<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested 2015-2020</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>
	Funding to Match Grants	240,000	40,000	40,000	40,000	40,000	40,000
<b>TOTAL COSTS</b>	<b>240,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>
<b>REQUESTED FUNDING</b>	<b>Total \$ Requested 2015-2020</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>
	Real Estate Excise Tax II	240,000	40,000	40,000	40,000	40,000	40,000
<b>TOTAL SOURCES</b>	<b>240,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>



### What is a matching grant?

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





# Capital Plan 2015 - 2020

Project for the

Street Department

# T5

PROJECT TITLE

Lawson Street Sidewalk Phase II

13.05

## DESCRIPTION

Construct 1015 feet of new 5 foot concrete sidewalk on the north side of Lawson Street to from Sixth Avenue to the east boundary of Lawson Hill Estates. This project does not include curb gutter or street widening. Project cost \$340,800.

## 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 2017 for funding in 2018 and 2019.

## 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  
Mngmt & Admin  
Construction Costs

## TOTAL COSTS

## REQUESTED FUNDING

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

## TOTAL SOURCES

		Capital Plan 2015 - 2020					
Total \$ Requested 2015-2020		2015	2016	2017	2018	2019	2020
Land/Right of Way	10,000				10,000		
Design Engineering	61,000				61,000		
Mngmt & Admin	15,000				5,000	10,000	
Construction Costs	270,000					270,000	
<b>TOTAL COSTS</b>	<b>356,000</b>	-	-	-	<b>76,000</b>	<b>280,000</b>	-
Total \$ Requested 2015-2020		2015	2016	2017	2018	2019	2020
Safe Route to School Grant	165,000				55,000	110,000	
TIB Pedestrian Grant	150,000					150,000	
Developer/Impact Fees/SEPA	41,000				21,000	20,000	
<b>TOTAL SOURCES</b>	<b>356,000</b>	-	-	-	<b>76,000</b>	<b>280,000</b>	-



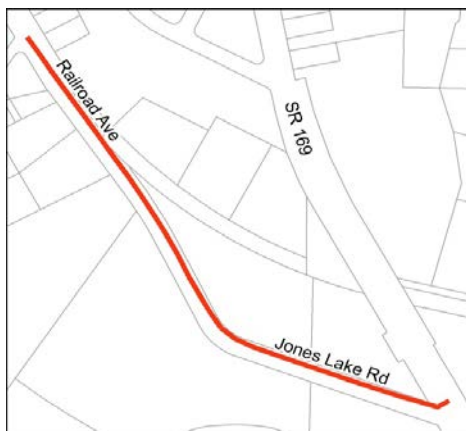
## Capital Plan 2015 - 2020

Project for the	<b>Street Department</b>	# <b>T6</b>
<b>PROJECT TITLE</b>	<b>Jones Lake Road</b>	<b>14.01</b>

**DESCRIPTION** Patch and overlay Jones Lake Road from SR 169 to the end of the overlay improvement on RR Ave.

**BACKGROUND** The pavement condition is average to poor. The roadway width is a little to narrow with no shoulders. The engineering, bid process, inspections and project management will be provided by City staff.

		Capital Plan 2015 - 2020					
CAPITAL PROJECT COSTS	Total \$ Requested 2015-2020	2015	2016	2017	2018	2019	2020
	Engineering & bid docs	16,000	16,000				
	Management & Administration	10,000	10,000				
	Construction	96,000	96,000				
	TOTAL COSTS	122,000	122,000	-	-	-	-
	Total \$ Requested 2015-2020	2015	2016	2017	2018	2019	2020
REQUESTED FUNDING	TIB pavement preservation	110,000	110,000				
	Grant Matching	12,000	12,000				
	TOTAL SOURCES	122,000	122,000	-	-	-	-



## Capital Plan 2015 - 2020

Project for the	<b>Street Department</b>	<b># T7</b>
<b>PROJECT TITLE</b>	<b>228th &amp; 224th &amp; 216th Chip Seal</b>	<b>14.03</b>

**DESCRIPTION** Patch and Chip Seal 228th, 224th, and 216th Ave SE from Sawyerwood Elementary to the Covington Sawyer Road except for the section in front of the Fire Station and past Kent Lake Highlands.

**BACKGROUND** This long section of roadway can be preserved by 7 to 10 years at one third of the cost of an overlay. A chip seal will help stretch the grant funding and help the City get ahead of the curve with deteriorating streets.

**COMMENTS**

		Capital Plan 2015 - 2020					
<i>CAPITAL PROJECT COSTS</i>	Total \$ Requested 2015-2020	2015	2016	2017	2018	2019	2020
Design Engineering	16,000	16,000					
Management and Administration	10,000	10,000					
Construction	103,000	103,000					
<i>TOTAL COSTS</i>	<b>129,000</b>	-	-	<b>129,000</b>	-	-	-
<i>REQUESTED FUNDING</i>	Total \$ Requested 2015-2020	2015	2016	2017	2018	2019	2020
TIB Pavement Preservation	116,000	116,000					
Grant Matching	13,000	13,000					
<i>TOTAL SOURCES</i>	<b>129,000</b>	-	-	<b>129,000</b>	-	-	-



## Capital Plan 2015 - 2020

Project for the

Street Department

#

T9

PROJECT TITLE

1st Ave & RR Ave Bicycle Bypass

14.07

### DESCRIPTION

From North end of the project to the south end. Upgrade the gravel section of RR Ave from SR 169 south to end of gravel road, then clear and construct a multi purpose smooth asphalt trail to the end of 1st Ave, then upgrade 1st Ave to City standards to Baker Street, then stripe a bicycle lane in the south bound direction on 1st Ave to SR 169. Excavation of unsuitable material and import of base rock will be required. Storm water treatment will be required for the new impevious. Many large dangerous cottonwood trees will have to be removed. Conifer trees will be replanted along the bicycle trail.

### BACKGROUND

The City's trail plan provides for a bicycle bypass around the narrow section of SR 169 in the downtown area. The street funds and/or street grants can fund a portion of this project. This project is eligible for multiple grant sources and City tree funds, stormwater, street and park funding

### CAPITAL PROJECT COSTS

Design Engineering  
Management & Administration  
Construction Costs

### TOTAL COSTS

### REQUESTED FUNDING

Grant Match  
Stormwater Reserves  
Tree Fund  
Grant Matching  
Pedestrian/Bicycle Funds Grant

### TOTAL SOURCES

		Capital Plan 2015 - 2020					
	Total \$ Requested 2015-2020	2015	2016	2017	2018	2019	2020
Design Engineering	100,000		20,000	80,000			
Management & Administration	35,000		5,000	10,000	20,000		
Construction Costs	580,000				580,000		
<b>TOTAL COSTS</b>	<b>715,000</b>	<b>-</b>	<b>25,000</b>	<b>90,000</b>	<b>600,000</b>	<b>-</b>	<b>-</b>
	Total \$ Requested 2015-2020	2015	2016	2017	2018	2019	2020
Grant Match	55,000		25,000		30,000		
Stormwater Reserves	60,000				60,000		
Tree Fund	60,000				60,000		
Grant Matching	50,000			10,000	40,000		
Pedestrian/Bicycle Funds Grant	490,000			80,000	410,000		
<b>TOTAL SOURCES</b>	<b>715,000</b>	<b>-</b>	<b>25,000</b>	<b>90,000</b>	<b>600,000</b>	<b>-</b>	<b>-</b>





# Capital Plan 2015 - 2020

Project for the

Street Department

# T10

PROJECT TITLE

Sidewalk Safety

13.05

## DESCRIPTION

Construct 60 feet of new decorative 8 feet wide concrete plank sidewalk from the north end of the museum to Commission Street. Construct 150 feet of 5 foot concrete sidewalk, curb and gutter along the north side of Commission Ave from Morgan Street to the basement access of the Museum. Regrade and repave the first 100 feet of Commission Ave for a better approach slope to Morgan Street and better sight distance at the intersection. This project will collect and control storm water runoff from Morgan Street that is undermining museum improvements and stabilize the slope below the caboose.

## BACKGROUND

This project will connect a public sidewalk across the front of the museum so that a sidewalk will not be needed along the edge of Morgan Street. This project will improve the safety of the Morgan/Commission Ave Intersection.

## COMMENTS

The leaders of the Museum approached the City staff with infrastructure problems and their need to provide ADA accessibility to whole museum. The Museum would like to partner with this City on this project and has made the commitment to: 1) Take care the the demolition of the patio and the wood steps, moving the tool shed and bath house out of the way, removing and disposing of the creosote posts; 2) Reinstall the benches and railing; 3) Reinstall the tool shed to the new agreed on location after getting a building permit; 4) Install the decorative concrete sidewalk to Commission after the City storm, grading and retaining wall and roadway construction is complete.

## CAPITAL PROJECT COSTS

Preliminary Engineering  
Design Engineering

Construction Costs

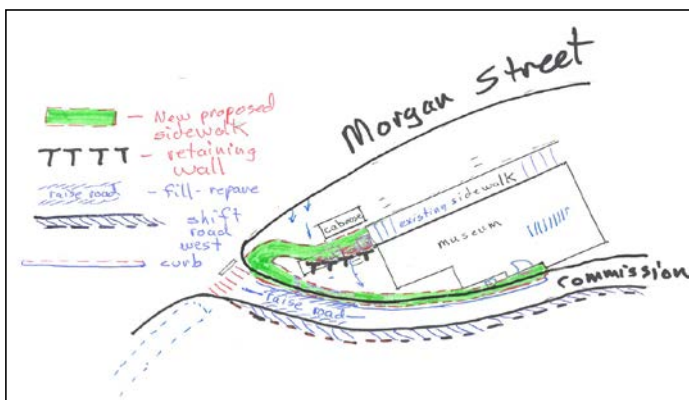
## TOTAL COSTS

## REQUESTED FUNDING

Grant Match  
Pedestrian Grant  
Museum in kind contribution  
KCDG ADA Accessibility Grant

## TOTAL SOURCES

		Capital Plan 2015 - 2020					
Total \$ Requested 2015-2020		2015	2016	2017	2018	2019	2020
Preliminary Engineering	10,000	10,000					
Design Engineering	20,000		20,000				
	5,000		5,000				
Construction Costs	100,000		100,000				
<b>TOTAL COSTS</b>	<b>135,000</b>	<b>10,000</b>	<b>125,000</b>	-	-	-	-
Total \$ Requested 2015-2020		2015	2016	2017	2018	2019	2020
Grant Match	20,000	10,000	10,000				
Pedestrian Grant	5,000		5,000				
Museum in kind contribution	30,000		30,000				
KCDG ADA Accessibility Grant	80,000		80,000				
<b>TOTAL SOURCES</b>	<b>135,000</b>	<b>10,000</b>	<b>125,000</b>	-	-	-	-



## Water Department CAPITAL PROJECT SUMMARY

Funding Summary by Project							
WATER DEPARTMENT	Capital Plan 2015 - 2020						
	Total \$ Requested 2015-2020	2015	2016	2017	2018	2019	2020
W1 Springs & River Crossing Rehab. Project	2,916,000	120,000	480,000	2,316,000			
W3 Salmon Enhancement & Green Energy	1,415,000		45,000	55,000	55,000	210,000	1,050,000
W4 Fire Flow Loop - North Commercial Area	800,000					800,000	
W6 Water Comprehensive Plan Update	135,000	80,000	55,000				
W7 4.3 Mil Gal Tank Maintenance & Repairs	30,000					30,000	
W8 Asbestos Water Main Replacement Program	270,000					70,000	200,000
W9 0.5 MG Water Reservoir Recoat	125,000	125,000					
(W)ER Equipment Replacement	60,000	10,000	10,000	10,000	10,000	10,000	10,000
<b>WATER DEPARTMENT TOTAL PROJECTS</b>	<b>5,751,000</b>	<b>335,000</b>	<b>590,000</b>	<b>2,381,000</b>	<b>65,000</b>	<b>1,120,000</b>	<b>1,260,000</b>
Funding Sources							
	Capital Plan 2015 - 2020						
	Total \$ Requested 2015-2020	2015	2016	2017	2018	2019	2020
<b>REET II</b>							
W9 0.5 MG Water Reservoir Recoat	5,000	5,000					
<b>Total REET II</b>	<b>5,000</b>	<b>5,000</b>					
<b>Water Rates</b>							
W6 Water Comprehensive Plan Update	80,000	80,000					
W7 4.3 Mil Gal Tank Maintenance & Repairs	30,000					30,000	
<b>Total Water Rates</b>	<b>110,000</b>	<b>80,000</b>				<b>30,000</b>	
<b>Water System &amp; Facilities Funding Agmt (WSFFA)</b>							
W1 Springs & River Crossing Rehab. Project	2,916,000	120,000	480,000	2,316,000			
<b>Total WSFFA Funds</b>	<b>2,916,000</b>	<b>120,000</b>	<b>480,000</b>	<b>2,316,000</b>			
<b>Grant Funding</b>							
W3 Grant (Salmon mitigation)	540,000						540,000
W3 Grant (Green Energy)	550,000				40,000		510,000
<b>Total Grant Funding</b>	<b>1,090,000</b>				<b>40,000</b>		<b>1,050,000</b>
<b>Water Connection Charges</b>							
W4 Fire Flow Loop - North Commercial Area	800,000					800,000	
<b>Total PWTF Loan</b>	<b>800,000</b>					<b>800,000</b>	
<b>PWTF Loan</b>							
W3 Salmon Enhancement & Green Energy	325,000		45,000	55,000	15,000	210,000	
W8 Asbestos Water Main Replacement Program	270,000					70,000	200,000
W9 0.5 MG Water Reservoir Recoat	120,000	120,000					
<b>Total Other Undetermined Loan</b>	<b>715,000</b>	<b>120,000</b>	<b>45,000</b>	<b>55,000</b>	<b>15,000</b>	<b>280,000</b>	
<b>Developer Funding</b>							
W6 Water Comprehensive Plan Update	55,000		55,000				
<b>Total Developer Funding</b>	<b>55,000</b>		<b>55,000</b>				
<b>Unfunded</b>							
<b>Total Unfunded</b>							
<b>TOTAL FUNDING FOR WATER PROJECTS</b>	<b>5,691,000</b>	<b>325,000</b>	<b>580,000</b>	<b>2,371,000</b>	<b>55,000</b>	<b>1,110,000</b>	<b>1,050,000</b>
EQUIPMENT REPLACEMENT-OPERATING COST	Capital Plan 2015 - 2020						
	Total \$ Requested 2015-2020	2015	2016	2017	2018	2019	2020
(W)ER Equipment Replacement	60,000	10,000	10,000	10,000	10,000	10,000	10,000
<b>TOTAL NON CAPITAL OPERATING</b>	<b>60,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>
<b>TOTAL WATER DEPARTMENT FUNDING</b>	<b>5,751,000</b>	<b>335,000</b>	<b>590,000</b>	<b>2,381,000</b>	<b>65,000</b>	<b>1,120,000</b>	<b>1,060,000</b>

# Capital Plan 2015 - 2020

Project for the	Water Department	#	W1
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PROJECT TITLE	Springs & River Crossing Rehab. Project	13.06
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**DESCRIPTION** The concept to rehabilitate the City's water source has shifted from A (trying to protect and rehabilitate the open springs, replace pipes on steep unstable slopes and reconstruct the river crossing) to B (tapping the existing artesian spring on the north side of the river and transfer withdrawal point of the water right) The project includes drilling a well into the spring source, upgrades to the controls and chlorine system and replacing the transmission main into Black Diamond.

**BACKGROUND** This is a capacity and system reliability project funded by the Water Supply and Facilities Funding Agreement (WSFFA). The Funding agreement anticipated the seeking low interest financing for this project. There is a chance to obtain a PWTF loan this next year which will secure the funding for this project no matter what happens to the economy. The Property Owners funding the WSFFA projects will make the Public Works Trust Fund payments with back up surety guaranteeing payment.

Capital Plan 2015 - 2020							
CAPITAL PROJECT COSTS	Total \$ Requested 2015-2020	2015	2016	2017	2018	2019	2020
	Preliminary Engineering	110,000	110,000				
	Design Engineering	450,000	450,000				
	Management / Administration	145,000	10,000	30,000	105,000		
	Construction Costs	2,211,000		2,211,000			
<b>TOTAL COSTS</b>	<b>2,916,000</b>	<b>120,000</b>	<b>480,000</b>	<b>2,316,000</b>	-	-	-
REQUESTED FUNDING	Total \$ Requested 2015-2020	2015	2016	2017	2018	2019	2020
	Water Syst & Fac. Fndg Agrmt.	2,916,000	120,000	480,000	2,316,000		
<b>TOTAL SOURCES</b>	<b>2,916,000</b>	<b>120,000</b>	<b>480,000</b>	<b>2,316,000</b>	-	-	-



swinging bridge river crossing

## Capital Plan 2015 - 2020

Project for the	Water Department	#	W3
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<b>PROJECT TITLE</b>	<b>Salmon Enhancement &amp; Green Energy</b>	<b>14.09</b>
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**DESCRIPTION** Replace the turbine, with a new larger turbine, electrical generator and connections to the power grid. The inlet pipe and spring overflow pipes needs to be replaced and upsized. The outlet discharge pipe needs to be replaced.

**BACKGROUND** This project will provide a source of green energy, prevent south bank erosion, reduce the risk of landslides into the Green River, reduce turbidity in the Green River and protect the stability of the spings collection sites. The City hopes to partner with an environmental group or a local tribe for the construction of a salmon spawning bed with the cool clean discharge water from the power generation.

**COMMENTS** The City is considering a simpler, easier to maintain water source on the north side of the Green River. See project W1. The transfer of the springs water right to an artesian spring on the north side of the river separates the need for the turbine pumping of south spring water across the river and therefore separates the obligation from the Water Supply and Facilities Funding Partners. However the benefit to the City of potentially generating revenue to keep water roates down and producing clean green power is still available to the City. The possibility of grant funding for the project looks very strong. Debt will be repaid by energy savings.

		Capital Plan 2015 - 2020					
<i>CAPITAL PROJECT COSTS</i>	Total \$ Requested 2015-2020	2015	2016	2017	2018	2019	2020
Initial study, grant applications	90,000		40,000	50,000			
Preliminary Engineering	50,000				50,000		
Permit and partnership development	200,000					200,000	
Engineering	75,000		5,000	5,000.00	5,000	10,000	50,000
Project Management	1,000,000						1,000,000
Construction Costs							
<i>TOTAL COSTS</i>	<b>1,415,000</b>	-	<b>45,000</b>	<b>55,000</b>	<b>55,000</b>	<b>210,000</b>	<b>1,050,000</b>
<i>REQUESTED FUNDING</i>	Total \$ Requested 2015-2020	2015	2016	2017	2018	2019	2020
<b>Grant Funding</b>							
Grant (Salmon mitigation)	540,000						540,000
Grant (Green Energy)	550,000				40,000		510,000
<b>Total Grant Funding</b>	<b>1,090,000</b>	-	-	-	40,000	-	1,050,000
<b>Public Works Trust Fund</b>							
PWTF Loan	325,000		45,000	55,000	15,000	210,000	
<i>TOTAL SOURCES</i>	<b>1,415,000</b>	-	<b>45,000</b>	<b>55,000</b>	<b>55,000</b>	<b>210,000</b>	<b>1,050,000</b>



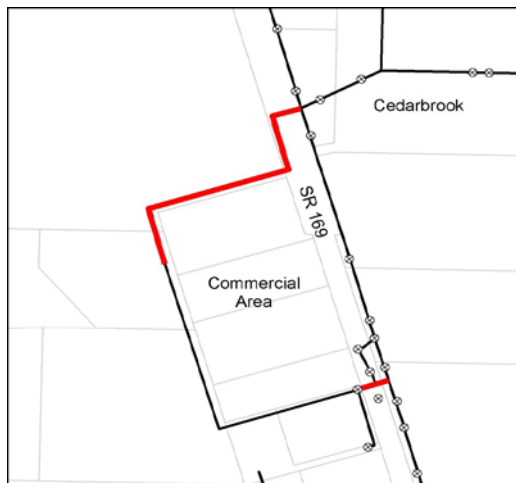
## Capital Plan 2015 - 2020

Project for the	Water Department	#	W4
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PROJECT TITLE	Fire Flow Loop - North Commercial Area	13.08
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<b>DESCRIPTION</b>	Replace 200 feet of 4 inch asbestos concrete with 100 feet of 12 inch ductile iron water main across SR 169 at the power substation; Complete a 900 foot 12 inch ductile iron water main loop from Cedar Brook Mobile Home Park to the 6 inch asbestos water main behind Boots Tavern
<b>BACKGROUND</b>	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.
<b>COMMENTS</b>	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. *It would take approximately 116 lots of infill development to cover the cost of this project.

CAPITAL PROJECT COSTS	Total \$ Requested 2015-2020	Capital Plan 2015 - 2020					
		2015	2016	2017	2018	2019	2020
management / administration	40,000					40,000	
	80,000					80,000	
Construction Costs	680,000					680,000	
<b>TOTAL COSTS</b>	<b>800,000</b>	-	-	-	-	<b>800,000</b>	-
REQUESTED FUNDING	Total \$ Requested 2015-2020	2015	2016	2017	2018	2019	2020
Water Connection charges *	800,000					800,000	
<b>TOTAL SOURCES</b>	<b>800,000</b>	-	-	-	-	<b>800,000</b>	-





# Capital Plan 2015 - 2020

Project for the	Water Department	#	W6
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PROJECT TITLE	Water Comprehensive Plan Update	14.12
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**DESCRIPTION** The Department of Health requires an update of the Water Comprehensive Plan every 6 years. The City is due to update the Water Comprehensive Plan in 2015.

**COMMENTS** The Public Works Department will update the Water Comprehensive Plan primarily with in house staff with assistance from an outside consultant for water system modeling and system mapping.

	Total \$ Requested 2015-2020	Capital Plan 2015 - 2020					
		2015	2016	2017	2018	2019	2020
<b>CAPITAL PROJECT COSTS</b>							
Management / Administration	10,000	5,000	5,000				
Consultant Services	70,000	40,000	30,000				
in house engineering	55,000	35,000	20,000				
<b>TOTAL COSTS</b>	<b>135,000</b>	<b>80,000</b>	<b>55,000</b>	-	-	-	-
<b>REQUESTED FUNDING</b>							
	Total \$ Requested 2015-2020	2015	2016	2017	2018	2019	2020
Water Reserves and Rates	80,000	80,000					
Developer Funded	55,000		55,000				
<b>TOTAL SOURCES</b>	<b>135,000</b>	<b>80,000</b>	<b>55,000</b>	-	-	-	-

## City of Black Diamond

### Water System Comprehensive Plan



## Capital Plan 2015 - 2020

Project for the	Water Department	# W7
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<b>PROJECT TITLE</b>	<b>4.3 Mil Gal Tank Maintenance &amp; Repairs</b>	<b>14.11</b>
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**DESCRIPTION** The 4.3 million gallon water tank will be 10 years old in 2016. The tank will need be drained and any and all spots of corrosion or paint damage will need to be spot treated to help preserve the over all inside and exterior coatings.

**COMMENTS** This project while it is a maintenance project does extend the life of the coating by about 5 to 10 years and therefore is included in this Capital Improvement Plan

	Total \$ Requested 2015-2020	Capital Plan 2015 - 2020					
		2015	2016	2017	2018	2019	2020
<b>CAPITAL PROJECT COSTS</b>							
Water Tank Maintenance	30,000					30,000	
<b>TOTAL COSTS</b>	<b>30,000</b>	-	-	-	-	<b>30,000</b>	-
<b>REQUESTED FUNDING</b>							
Water Rates	30,000					30,000	
<b>TOTAL SOURCES</b>	<b>30,000</b>	-	-	-	-	<b>30,000</b>	-



<b>Project for the</b>	<b>Water Department</b>	<b># W8</b>
<b>PROJECT TITLE</b>	<b>Asbestos Water Main Replacement Program</b>	<b>14.13</b>

**DESCRIPTION**

Replace 228 feet of 4 inch and 854 feet of 6 inch asbestos water main on Morgan Drive from Roberts Drive to the north end of Morgan Drive.

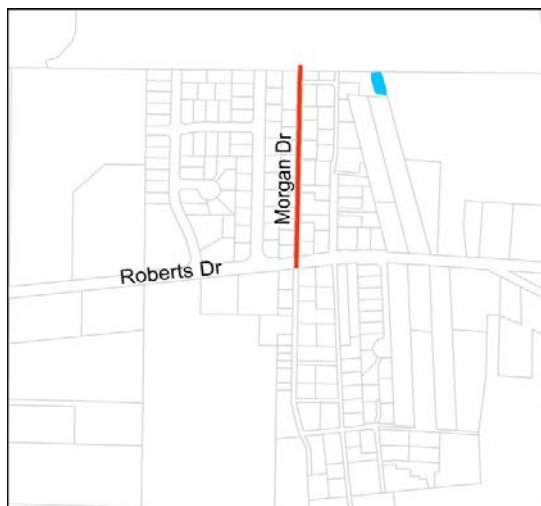
**BACKGROUND**

This project will improve fire flows to the Morganville area and replace substandard pipe that is nearing its useful performance life. This is a maintenance project funded by existing customers.

**COMMENTS**

Further future study of the existing asbestos water mains may show that a different asbestos water main should be replaced than this particular water main. Leak history, street reconstruction projects, pavement condition, developer improvements and asbestos pipe strength tests may change the priority of the asbestos pipe to be replaced.

<b>CAPITAL PROJECT COSTS</b>		<b>Capital Plan 2015 - 2020</b>					
	<b>Capital Plan 2015 - 2020</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>
Preliminary Engineering	15,000					15,000	
Engineering, design, bid docs	50,000					50,000	
Management / Administration	15,000					5,000	10,000
Construction	165,000						165,000
Contingency	25,000						25,000
<b>TOTAL COSTS</b>	<b>270,000</b>	-	-	-	-	<b>70,000</b>	<b>200,000</b>
<b>REQUESTED FUNDING</b>		<b>Capital Plan 2015 - 2020</b>					
	<b>Capital Plan 2015 - 2020</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>
<b>UNFUNDED</b>	270,000	-	-	-	-	70,000	200,000
<b>TOTAL SOURCES</b>	<b>270,000</b>	-	-	-	-	<b>70,000</b>	<b>200,000</b>





# Capital Plan 2015 - 2020

Project for the

Water Department

# W9

## PROJECT TITLE

0.5 MG Water Reservoir Recoat

## DESCRIPTION

Repaint the 0.5 MG reservoir inside and out.

## BACKGROUND

This project while it is a maintenance project does extend the life of the coating by about 5 to 10 years and therefore is included in this Capital Improvement Plan

## COMMENTS

The budget was increased from the 2013 budget because of the paint condition, need for an additional access port, tank mixing and staff costs. The preliminary engineering will start in 2013 as budgeted. Work will begin in 2014. Funded by a Public Works Trust Fund Loan for 10 years @ 2.5%.

## CAPITAL PROJECT COSTS

Design Engineering & bid docs  
Specialty Inspection  
Tank Painting & Improvements  
Project Management

## TOTAL COSTS

## REQUESTED FUNDING

PWTF Loan or other  
Real Estate Excise Tax II

## TOTAL SOURCES

Total \$ Requested 2015-2020	Capital Plan 2015 - 2020					
	2015	2016	2017	2018	2019	2020
Design Engineering & bid docs	18,000	18,000				
Specialty Inspection	4,000	4,000				
Tank Painting & Improvements	85,000	85,000				
Project Management	18,000	18,000				
<b>TOTAL COSTS</b>	<b>125,000</b>	<b>125,000</b>	-	-	-	-
Total \$ Requested 2015-2020	2015	2016	2017	2018	2019	2020
	2015	2016	2017	2018	2019	2020
PWTF Loan or other	120,000	120,000				
Real Estate Excise Tax II	5,000	5,000				
<b>TOTAL SOURCES</b>	<b>125,000</b>	<b>125,000</b>	-	-	-	-



# CAPITAL PROJECT SUMMARY

Expenditure Summary by Project							
SEWER DEPARTMENT	Capital Plan 2015 - 2020						
	Total \$ Requested 2015-2020	2015	2016	2017	2018	2019	2020
S1 Infiltration and Inflow Reduction Program	150,000	25,000	25,000	25,000	25,000	25,000	25,000
S2 Public Works Facilities and Equipment	600,000					500,000	100,000
S3 Morganville Force Main Reroute	460,000					20,000	440,000
S4 Cedarbrook Sewer Main	330,000			35,000	295,000		
(S)ER Equipment Replacement	60,000	10,000	10,000	10,000	10,000	10,000	10,000
<b>SEWER DEPT TOTAL PROJECTS</b>	<b>1,600,000</b>	<b>35,000</b>	<b>35,000</b>	<b>70,000</b>	<b>330,000</b>	<b>555,000</b>	<b>575,000</b>
Funding Sources							
Loans or Bonding Funding	Capital Plan 2015 - 2020						
	Total \$ Requested 2015-2020	2015	2016	2017	2018	2019	2020
S2 Public Works Facilities and Equipment	600,000					500,000	100,000
<b>Total REET I</b>	<b>600,000</b>					<b>500,000</b>	<b>100,000</b>
<b>Sewer Reserves, New Customers &amp; Conn. Fees</b>							
S1 Infiltration and Inflow Reduction Program	150,000	25,000	25,000	25,000	25,000	25,000	25,000
S3 Morganville Force Main Reroute	20,000					20,000	
<b>Total Sewer Reserves, New Customers &amp; Conn. Fees</b>	<b>170,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>45,000</b>	<b>25,000</b>
<b>Public Works Trust Fund Loan</b>							
S3 Morganville Force Main Reroute	440,000						440,000
S4 Cedarbrook Sewer Main	330,000			35,000	295,000		
<b>Total Public Works Trust Fund Loans</b>	<b>770,000</b>			<b>35,000</b>	<b>295,000</b>		<b>440,000</b>
<b>TOTAL FUNDING FOR SEWER PROJECTS</b>	<b>1,540,000</b>	<b>25,000</b>	<b>25,000</b>	<b>60,000</b>	<b>320,000</b>	<b>545,000</b>	<b>565,000</b>
<b>Equipment Replacement - Operating Costs</b>							
(S)ER Equipment Replacement	60,000	10,000	10,000	10,000	10,000	10,000	10,000
<b>TOTAL FUNDING FOR SEWER PROJECTS</b>	<b>1,600,000</b>	<b>35,000</b>	<b>35,000</b>	<b>70,000</b>	<b>330,000</b>	<b>555,000</b>	<b>575,000</b>

# Capital Plan 2015 - 2020

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

## DESCRIPTION

This project funds any activities that reduce infiltration of groundwater or inflow of stormwater into the sewer system such as: TV inspections, smoke testing, flow monitoring, and then Repair Work such as: pipe rehabilitation, sealing, requiring private line replacement, manhole repair and sewer line replacement.

## BACKGROUND

The City needs to reduce the infiltration and inflow as good stewardship and maintenance of the existing sewer system. The City also desires to preserve and recapture capacity in the wastewater system by reducing and controlling the peak flows. Recent maintenance activities, sewer investigations, recent sewer flow peaks and maintenance work has given staff assurance that the City could reduce the annual effort to \$25,000 annually and reprogram accumulated unspent funds in this capital category. The City will continue to monitor the expense and effectiveness of this program.

## CAPITAL PROJECT COSTS

Management / Administration

Design & Construction

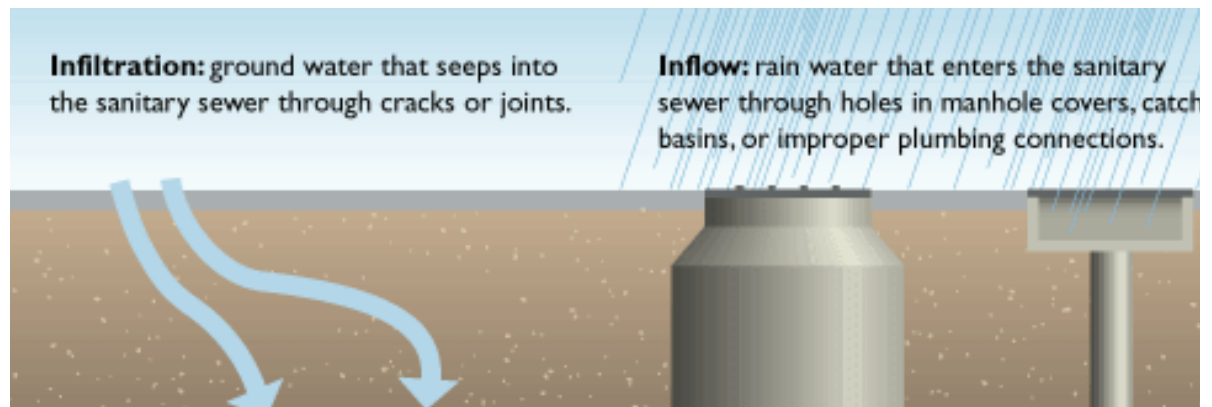
## TOTAL COSTS

## REQUESTED FUNDING

Sewer Reserve

## TOTAL SOURCES

Capital Plan 2015 - 2020						
Total \$ Requested 2015-2020	2015	2016	2017	2018	2019	2020
30,000	5,000	5,000	5,000	5,000	5,000	5,000
120,000	20,000	20,000	20,000	20,000	20,000	20,000
150,000	25,000	25,000	25,000	25,000	25,000	25,000
Total \$ Requested 2015-2020	2015	2016	2017	2018	2019	2020
150,000	25,000	25,000	25,000	25,000	25,000	25,000
150,000	25,000	25,000	25,000	25,000	25,000	25,000



# Capital Plan 2015 - 2020

Sewer Department		S2
PROJECT TITLE	Public Works Facilities and Equipment	13.13

## DESCRIPTION

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

## BACKGROUND

The Makers Study identified a cost of approximately \$21.4 million for a public works facility to serve the full size Black Diamond City. Capital Facility charges will pay for 80% of the project funding and the Public Works Department's 20% share of that cost is \$4.3 million. The expenses shown below only show the initial expenditures to kick off the project.

## COMMENTS

Costs and timing will be depend on the speed of growth in Black Diamond. The PWTF loan will be for 20 years at 1% interest. The payment will be approximately \$( what is the payment for \$20.9 mil @ 1%) split among the utilities; 13% for Street, and 29% each will come from Water, Sewer and Stormwater. The capital facility charge will pay for a portion of the debt service. The land purchase will need a transfer from REET I.

Engineering and Environmental  
Property Purchase  
Construction Costs  
Major Equipment Purchases

## TOTAL COSTS

## REQUESTED FUNDING

Loan or Bond Funding

Loan or Bond Funding

## TOTAL SOURCES

Capital Plan 2015 - 2020						
Total \$ Requested 2015-2020	2015	2016	2017	2018	2019	2020
100,000						100,000
500,000					500,000	
0						
0						
600,000	-	-	-	0	500,000	100,000
Total \$ Requested 2015-2020	2015	2016	2017	2018	2019	2020
600,000					500,000	100,000
600,000	-	-	-	-	500,000	100,000



# Capital Plan 2015 - 2020

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 was programmed to provide capacity for infill in the old part of Black Diamond and save energy from pump sewage twice. The need has diminished because of King County approval of a regional discharge location in the western part of Black Diamond, additional capacity from obstruction removal on our main trunk line and with the verification excellent pipe condition and capacity of our main trunk line. Consideration may be given to dropping this project, if Infiltration and Inflow can be reduced.

## COMMENTS

A Public Works Trust Fund Loan of 20 years generates a debt payment of \$24,382.74 per year at 1%. This project is shifted to later years because of the lower priority as described above.

## CAPITAL PROJECT COSTS

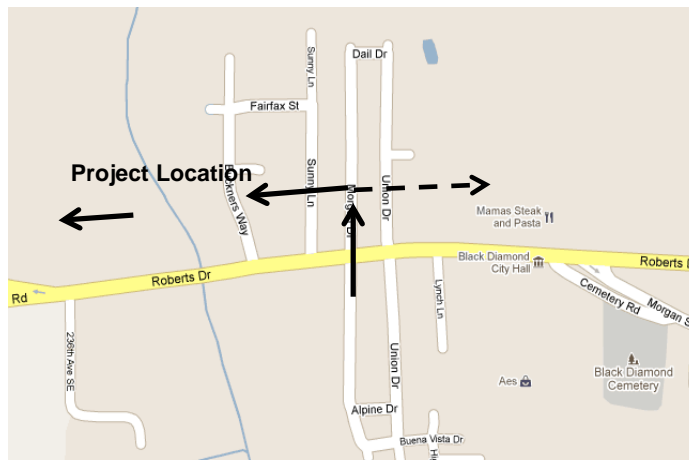
Preliminary Engineering  
Design Engineering  
Construction Costs  
Management / Administration  
**TOTAL COSTS**

Total \$ Requested 2015-2020	2015	2016	2017	2018	2019	2020
20,000					20,000	
40,000						40,000
380,000						380,000
20,000						20,000
<b>460,000</b>	-	-	-	-	<b>20,000</b>	<b>440,000</b>

## REQUESTED FUNDING

Sewer Reserve  
PWTF Loan  
**TOTAL SOURCES**

Total \$ Requested 2015-2020	2015	2016	2017	2018	2019	2020
20,000	-	-			20,000	-
440,000						<b>440,000</b>
<b>460,000</b>	-	-	-	-	<b>20,000</b>	<b>440,000</b>



# Capital Plan 2015 - 2020

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

## DESCRIPTION

Acquire City easement through the trailer park. Rehabilitate or reconstruct the existing sewer main to provide reliable public sewer service to the customers in the north east portion of the City.

## BACKGROUND

This project is necessary to reduce infiltration and Inflow and to eliminate the maintenance problems caused by the settled sections of sewer main.

## COMMENTS

Portions of the existing sewer main will have to be reconstructed other section might be just repaired. The budget has been increased to reflect the cost of reconstructing portion of the sewer. A 20 year Public Works Trust Fund Loan will generate a debt payment of \$13,853.83 per year at 1%.

## CAPITAL PROJECT COSTS

prelim Engineering & legal  
Design Engineering  
Construction Costs  
Management / Administration  
**TOTAL COSTS**

Total \$ Requested 2015-2020	2015	2016	2017	2018	2019	2020
30,000			30,000			
50,000				50,000		
235,000				235,000		
15,000			5,000	10,000		
<b>330,000</b>	-	-	<b>35,000</b>	<b>295,000</b>	-	-
Total \$ Requested 2015-2020	2015	2016	2017	2018	2019	2020
330,000	-	-	35,000	295,000	-	-
<b>330,000</b>	-	-	<b>35,000</b>	<b>295,000</b>	-	-

## REQUESTED FUNDING

PWTF Loan

## TOTAL SOURCES



# Stormwater Department

## CAPITAL PROJECT FUNDING SUMMARY

### Expenditure Summary by Project

STORMWATER		Capital Plan 2015 - 2020						
Project Name		Total \$ Requested 2015 - 2020	2015	2016	2017	2018	2019	2020
D1	Cov. Creek Culvert; Safety and Salmon Imp.	320,000		70,000	250,000			
D2	North Commercial and SR 169 Stormwater Treatment Pond	870,000		20,000	850,000			
D3	Ginder Creek Headwall	90,000					40,000	50,000
D4	Lawson Hills Estates Storm Pond	60,000		60,000				
ERS	Equipment Replacement	60,000	10,000	10,000	10,000	10,000	10,000	10,000
TOTAL EXPENDITURES		1,400,000	10,000	160,000	1,110,000	10,000	50,000	60,000

### Funding Sources

	Total \$ Requested 2015 - 2020	2015 - 2020					
		2015	2016	2017	2018	2019	2020
GRANTS							
D1 Cov. Creek Culvert; Safety and Salmon Imp.	320,000		70,000	250,000			
D2 North Commercial and SR 169 Stormwater Treatment Pond	850,000			850,000			
Total Ecology Grants	1,170,000		70,000	1,100,000			
GRANT MATCHING							
D2 North Commercial and SR 169 Stormwater Treatment Pond	20,000		20,000				
D3 Ginder Creek Headwall	90,000					40,000	50,000
Total Grant Matching	110,000		20,000			40,000	50,000
STORMWATER FUNDING							
D4 Lawson Hills Estates Storm Pond	60,000		60,000				
Total Stormwater Funding	60,000		60,000				
ERS Equipment Replacement	60,000	10,000	10,000	10,000	10,000	10,000	10,000
TOTAL FUNDING FOR STORMWATER	1,400,000	10,000	160,000	1,110,000	10,000	50,000	60,000



## Capital Plan 2015 - 2020

<b>Project for the</b>	<b>Stormwater Department</b>	<b># D1</b>
<b>PROJECT TITLE</b>	<b>Cov. Creek Culvert; Safety and Salmon Imp.</b>	<b>13.14</b>

### DESCRIPTION

Rehabilitate the existing culverts, add a concrete head wall and guard rail. The summer 2012 inspections found the culverts to be structurally sound, but with serious corrosion and pitting in the lower third of the culverts and a few areas where corrosion has opened holes in the culvert. The culverts could be lined to preserve their structural integrity at about a third of the cost of replacement.

### BACKGROUND

The three culverts divide the small summer flow leaving only a small amount of water for fish passage. The existing corrugated metal culverts are showing signs of corrosion. The guard rails will protect the environment from errant stray vehicles.

### COMMENTS

Grant funding may be available for this project from conservation funds, traffic safety funding and King County Flood District Opportunity Funds.

Design Engineering  
Construction  
Management / Administration  
**TOTAL COSTS**

Capital Plan 2015 - 2020						
Total \$ Requested 2015 - 2020	2015	2016	2017	2018	2019	2020
65,000		65,000				
240,000			240,000			
15,000		5,000	10,000			
<b>320,000</b>	<b>-</b>	<b>70,000</b>	<b>250,000</b>	<b>-</b>	<b>-</b>	<b>-</b>
Total \$ Requested 2015 - 2020	2015	2016	2017	2018	2019	2020
255,000		55,000	200,000			
50,000			50,000			
15,000		15,000				
<b>320,000</b>	<b>-</b>	<b>70,000</b>	<b>250,000</b>	<b>-</b>	<b>-</b>	<b>-</b>

### REQUESTED FUNDING

WRIA 9 Salmon mitigation  
traffic safety (TIB)  
Opportunity funding (flood)  
**TOTAL SOURCES**





# Capital Plan 2015 - 2020

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

## DESCRIPTION

Collect storm water runoff from the main commercial area in north Black Diamond and from State Route 169 and route to city property north of the library. Construct a wetpond or vault for pre-treatment followed by constructed wetlands to dispersion trenches for discharge to upland above Ginder Creek.

## 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

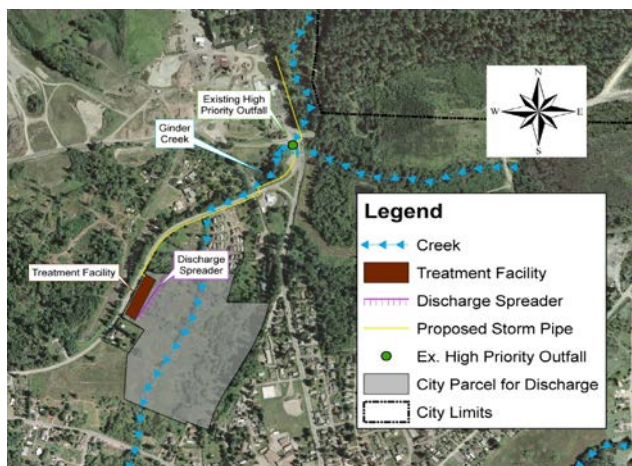
The City obtained a grant from the Department of Ecology to design this project. With a completed design at 90%, the City will have a well defined project and will use the detailed information to improve grant applications.

Final Engineering prepare bid docs  
Construction  
Management / Administration

## TOTAL COSTS

SOE Grant  
Grant Matching  
**TOTAL SOURCES**

Capital Plan 2015 - 2020						
Total \$ Requested 2015 - 2020	2015	2016	2017	2018	2019	2020
20,000		20,000				
850,000			850,000			
		5,000	35,000			
<b>870,000</b>	-	<b>20,000</b>	<b>850,000</b>	-	-	-
Total \$ Requested 2015 - 2020	2015	2016	2017	2018	2019	2020
850,000			850,000			
20,000		20,000				
<b>870,000</b>	-	<b>20,000</b>	<b>850,000</b>	-	-	-



# Capital Plan 2015 - 2020

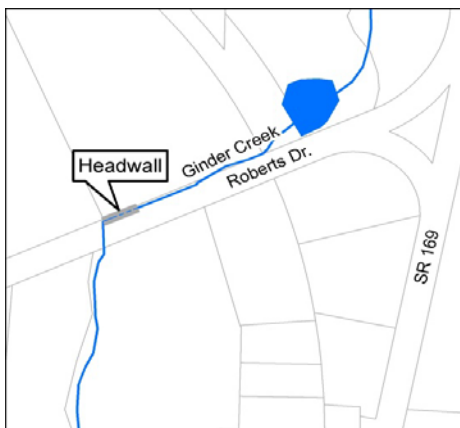
<b>Project for the</b>	<b>Stormwater Department</b>	<b># D3</b>
<b>PROJECT TITLE</b>	<b>Ginder Creek Headwall</b>	<b>14.16</b>

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

**BACKGROUND** The base of the existing concrete headwall was not constructed deep enough so that high flows in Ginder Creek have undermined the headwall destabilizing the wall. The headwall has been slowly tilting into the Creek. Staff has braced the headwall as an interim step to hold the wall in position.

**COMMENTS** This project is needed to protect the roadway and prevent the erosion that would occur if the headwall tipped over. A significant amount of the cost of this project will be related to environmental permitting.

Capital Plan 2015 - 2020						
	Total \$ Requested 2015 - 2020	2015	2016	2017	2018	2019 2020
Preliminary Engineer/Permitting	25,000					25,000
Design Engineering	10,000					10,000
Construction	45,000					45,000
Management / Administration	10,000					5,000 5,000
<b>TOTAL COSTS</b>	<b>90,000</b>	-	-	-	-	<b>40,000 50,000</b>
	Total \$ Requested 2015 - 2020	2015	2016	2017	2018	2019 2020
Grant Matching	90,000					40,000 50,000
<b>TOTAL SOURCES</b>	<b>90,000</b>	-	-	-	-	<b>40,000 50,000</b>



## Capital Plan 2015 - 2020

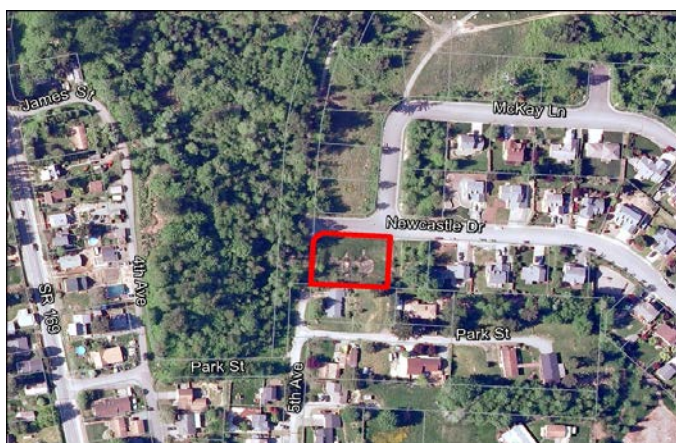
<b>Project for the</b>	<b>Stormwater Department</b>	<b># D4</b>
<b>PROJECT TITLE</b>	<b>Lawson Hills Estates Storm Pond</b>	<b>15.01</b>

**DESCRIPTION** Reconstruct the maintenance access road to the first cell of this pond including: 1) reconfiguration of the sidewalk and approach from the road, 2) Reconstruction of the gate and fence, 2) Constructing a road to the center dike, 3) constructing an access road to the pond bottom.

**BACKGROUND** After the City inspection of the storm pond in 2013, it was noted that the first cell of the pond needed to be cleaned out. The maintenance crews scheduled the work but found it impossible to access and at best will be extremely expensive every time the cell will need to be cleaned. The crew recommended programming pond access improvements into the CIP.

### COMMENTS

Capital Plan 2015 - 2020						
Total \$ Requested 2015 - 2020	2015	2016	2017	2018	2019	2020
In house Design/ mngmt		10,000				
Construction		40,000				
Management / Administration		10,000				
<b>TOTAL COSTS</b>	<b>60,000</b>	<b>60,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Total \$ Requested 2015 - 2020	2015	2016	2017	2018	2019	2020
Stormwater funds		60,000				
<b>TOTAL SOURCES</b>	<b>60,000</b>	<b>60,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>



## Capital Improvement Plan 2015 - 2020

### PUBLIC WORKS EQUIPMENT REPLACEMENT SCHEDULE

PWERS

<b>DESCRIPTION</b>	The City maintains an equipment replacement schedule for public works shared vehicles and equipment.						
<b>BACKGROUND</b>	Operations equipment is scheduled for replacement when maintenance costs exceed replacement cost or as safety dictates.						
	<b>Total \$</b>						
	<b>Project</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>
	<b>2015 - 2020</b>						
<b>REVENUE</b>							
Beginning Fund Balance	153,793	153,793	140,793	72,793	27,793	9,793	1,793
Cemetery & Parks REET I	42,000	7,000	7,000	7,000	7,000	7,000	7,000
Street Contribution	60,000	10,000	10,000	10,000	10,000	10,000	10,000
Water Contribution	60,000	10,000	10,000	10,000	10,000	10,000	10,000
Sewer Contribution	60,000	10,000	10,000	10,000	10,000	10,000	10,000
Stormwater Contribution	60,000	10,000	10,000	10,000	10,000	10,000	10,000
Revenue Total	282,000	47,000	47,000	47,000	47,000	47,000	47,000
<b>Available Funding</b>	<b>435,793</b>	<b>200,793</b>	<b>187,793</b>	<b>119,793</b>	<b>74,793</b>	<b>56,793</b>	<b>48,793</b>
<b>EXPENDITURES</b>							
Replace John Deere riding mower (zero turn)	15,000	15,000					
Replace back hoe with thumb and extend	80,000			80,000			
Replace Ferris zero turn/deck mower (x2)	12,000			12,000			
Sander and Snow Plow for Flatbed	20,000				20,000		
New 1/2 ton utility truck 4x4	45,000		45,000				
Sewer Jet Rodder	35,000		35,000				
*Road Grader engine repairs							
Road Grader							
Ford 2000 4 wheel drive (Jason)	45,000	45,000					
New Bobcat or mini excavator	30,000		30,000				
1998 White Ford Dump Truck	50,000					50,000	
Shoulder Mower (existing)							
Cemetery casket lowering device	5,000						5,000
3 point hitch tractor mower							
Sweeper							
Vacuum Trailer	45,000				45,000		
Husqvarna Riding Lawn Mower (cemetery)	5,000		5,000				
2000 Gray Chevy Silverado	30,000						30,000
2005 White Dodge 4x4 (Dan)							
2000 White Chevy 4x4 (Ken)							
2005 Chevy 4500 Flatbed Dump Truck							
2012 Big Tex Landscape Trailer	5,000					5,000	
Morganville Generator							
1983 C/R Utility Trailer							
Totals	422,000	60,000	115,000	92,000	65,000	55,000	35,000
<b>Ending Fund Balance</b>	<b>13,793</b>	<b>140,793</b>	<b>72,793</b>	<b>27,793</b>	<b>9,793</b>	<b>1,793</b>	<b>13,793</b>



# Capital Improvement Plan 2015 - 2020

## PUBLIC WORKS EQUIPMENT REPLACEMENT SCHEDULE

PWERS.1

### DESCRIPTION

The City maintains an equipment replacement schedule for public works shared vehicles and equipment.

### BACKGROUND

Operations equipment is scheduled for replacement when maintenance costs exceed replacement cost or as safety dictates.

Equipment Type		Cost	2015	2016	2017	2018	2019	2020
Replace John Deere riding mower (zero turn)		15,000	15,000					
Replace back hoe with thumb and extend		80,000			80,000			
Replace Ferris zero turn/deck mower (x2)		12,000			12,000			
Sander and Snow Plow for Flatbed		20,000				20,000		
New 1/2 ton utility truck 4x4		45,000		45,000				
Sewer Jet Rodder		35,000		35,000				
*Road Grader engine repairs								
Road Grader								
Ford 2000 4 wheel drive (Jason)		45,000	45,000					
New Bobcat or mini excavator		30,000		30,000				
1998 White Ford Dump Truck		50,000					50,000	
Shoulder Mower (existing)								
Cemetery casket lowering device		5,000						5,000
3 point hitch tractor mower								
Sweeper								
Vacuum Trailer		45,000				45,000		
Husqvarna Riding Lawn Mower (cemetery)		5,000		5,000				
2000 Gray Chevy Silverado		30,000						30,000
2005 White Dodge 4x4 (Dan)								
2000 White Chevy 4x4 (Ken)								
2005 Chevy 4500 Flatbed Dump Truck								
2012 Big Tex Landscape Trailer		5,000					5,000	
Morganville Generator								
1983 C/R Utility Trailer								
<b>Totals</b>		<b>\$422,000</b>	<b>\$60,000</b>	<b>\$115,000</b>	<b>\$92,000</b>	<b>\$65,000</b>	<b>\$55,000</b>	<b>\$35,000</b>
<b>COST DISTRIBUTION</b>								
Street	30%	126,600	18,000	34,500	27,600	19,500	16,500	10,500
Water	22%	92,840	13,200	25,300	20,240	14,300	12,100	7,700
Sewer	22%	92,840	13,200	25,300	20,240	14,300	12,100	7,700
Stormwater	22%	92,840	13,200	25,300	20,240	14,300	12,100	7,700
Parks	3%	12,660	1,800	3,450	2,760	1,950	1,650	1,050
Cemetery	1%	4,220	600	1,150	920	650	550	350
<b>TOTAL EXPENDITURE</b>	<b>100%</b>	<b>\$422,000</b>	<b>\$60,000</b>	<b>\$115,000</b>	<b>\$92,000</b>	<b>\$65,000</b>	<b>\$55,000</b>	<b>\$35,000</b>



# DRAFT CITY OF BLACK DIAMOND

## 2014 Schedule 2015 – 2020 Capital Improvement Plan (CIP)

	Process	Internal Due Date	Committee Meetings	Workstudy	City Council Meetings
1	CIP Planning Meeting	March 10 & 18			
2	CIP Call letter & worksheet to affected departments (include goals, rules and timelines)	March 18			
3	Departments Update detailed requests and submit to Finance and City Administration	March 18 - March 28			
4	Finance prepares worksheets for affected funds, such as: Street, Sewer, Water, Drainage, Parks, Public Safety.	March 18- March 28			
5	Finance combines all requests by fund type and returns to departments for committee meetings.	March 31- April 3			
6	Public Works Committee Meeting to review requested projects for Street, Water, Sewer, Stormwater.		April 4 12:00 noon		
7	Budget, Finance & Administration Committee Meeting to review requested projects for General Government, including technology, and Gen Gov't Building Imp.		April 10 10:00 AM		
8	Public Safety Committee Meeting to review requested projects for Police & Fire.		April 11 10:30 AM		
9	Parks Committee Meeting to review requested Parks Projects.		April 18 10:00 AM		
10	Budget, Finance & Administration Committee Meeting-2 <sup>nd</sup> review of 2015 – 2020 CIP.		April 24 10:00 AM		
11	Finance combines revenue and all Department requests for review by Administration. Administration Reviews with Finance and Departments to requested Projects.	April 7-23			
12	Finance, Public Works, Administration meet with Mayor to review PW projects & revenue	April 24 @ 4 PM			
13	CIP Council Workstudy Public Works			<b>May 8</b>	
14	Finance, Administration, Parks, Police, Fire meet with Mayor to review projects & revenue	May 22 @ 4 PM			
15	CIP Workstudy –Non-Public Works			<b>June 12</b>	
16	Council Public Hearing on 2015-2020 CIP-to Brenda by June 4.				<b>June 19</b>
17	Workstudy Review of CIP Edits from Public Hearing and Committees			<b>July 10</b>	
18	Council adopts 2015 – 2020 CIP				<b>July 17or 24</b>