



**CITY OF BLACK DIAMOND**  
**September 17, 2008 Workstudy Agenda**  
25510 Lawson St., Black Diamond, Washington

**7:00 P.M. – CALL TO ORDER, FLAG SALUTE, ROLL CALL**

**1.) Capital Improvement Plan – Public Works**

Ms. Miller/ Mr.Boettcher

**ADJOURNMENT:**



**City of Black Diamond**

# **PUBLIC WORKS**

**Capital Improvement Plan  
2008 – 2013**

***DRAFT***

**September 11, 2008**

## Table of Contents

Summary by Department & Ongoing Operating Costs	1
Public Works Revenue Summary	2
Real Estate Excise Tax Summary (REET 2)	3
Public Works Revenue Summary by Project	4
Street Department Summary	8
T1 General Street Improvements	12
T2 Railroad Ave Reconstruction	13
T3 Lake Sawyer Rd ½ mile Overlay	14
T4 Transportation Impact Fee Study	15
T5 233 <sup>rd</sup> Ave St Repair and Overlay	16
T6 Morgan St Sidewalk Extension	17
T7 Auburn BD Road Overlay	18
T8 Lawson & Newcastle Intersection Repair	19
T9 Roberts Dr. Pedestrian Trail/Sidewalk	20
T10 SE 288 <sup>th</sup> St Overlay	21
T11 BD, Ravensdale & 169 Intersection Approach	22
T12 169 Widening Lawson & Baker St. Intersections	23
T13 Roberts Drive Reconstruction	24
T14 Pacific St. Neighborhood Improvements	25
T15 Morganville Intersection Improvements	26
T16 Lake Sawyer Road Culvert and Guardrail	27
T17 Jones Lake Road and 169 Intersection Improvements	28
Water Department Summary	29
W1 RR Ave Water Main Upgrade	31
W2 Springs Transmission Main Replacement Ph 1	32
W3 Springs Transmission Main Replacement Ph 2	33
W4 Roberts Dr. Water Line Replacement	34
W5 Meter Replacement Program	35
W6 Pacific St Water Line Loop	36
W7 Public Works Yard Improvements	37
W8 Palmer Coking Coal Waterline Improvements	38
Sewer Department Summary	39
S1 Infiltration and Inflow Reduction Program	41
S2 Preserving and Preparing the WWTP for Future Use	42
S3 Sewer Comprehensive Plan Supplement	43
S4 Cedarbrook Sewer Main	44
S5 Manhole Rehabilitation	45
S6 West BD Sewer Lift Station	46
S7 Morganville Sewer Lift Station Improvement	47
S8 S. Black Diamond Sewer Trunk Extension	48
Storm Water Department	49
D1 Storm Water Comprehensive Plan	51
D2 Regional Storm Pond for the Old Downtown Area	52
D3 Lawson Creek Regional Storm Pond Ph 1	53



# Public Works Department Summary

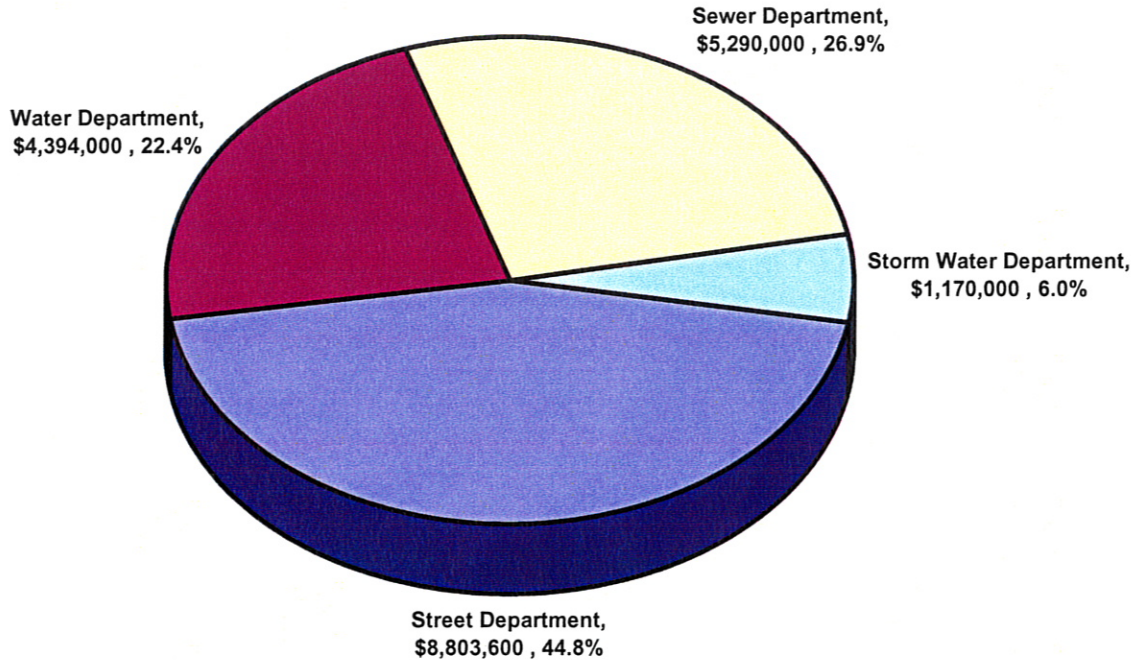
## Capital Improvement Program 2008 - 2013

Key to Projects in the CIP:  
 T = Street  
 D = Storm Water  
 W = Water  
 S = Sewer

**REQUESTED FUNDING BY DEPARTMENT**

	Total \$ Project	2008	2009	2010	2011	2012	2013
Street Department	8,803,600	230,000	1,590,000	923,600	1,400,000	1,150,000	3,510,000
Water Department	4,394,000	70,000	1,630,000	1,075,000	502,000	270,000	847,000
Sewer Department	5,290,000	270,000	530,000	910,000	1,460,000	860,000	1,260,000
Storm Water Department	1,170,000	200,000		670,000	300,000		
<b>TOTAL SOURCES</b>	<b>\$19,657,600</b>	<b>\$770,000</b>	<b>\$3,750,000</b>	<b>\$3,578,600</b>	<b>\$3,662,000</b>	<b>\$2,280,000</b>	<b>\$5,617,000</b>

**Total: \$19,657,600**



**ONGOING OPERATING COSTS**

	Total \$ Requested	2008	2009	2010	2011	2012	2013
T13 Roberts Dr. Recon Maint.	10,000						10,000
S1 Infil Reduct Syst. Maint.	100,000		20,000	20,000	20,000	20,000	20,000
S6 Sewer Lift Station Maint.	60,000				20,000	20,000	20,000
S4 Cedbrook Sew Debt Repay	93,470				31,260	31,160	31,050
D1 Storm Comp Debt Repay	100,000		20,000	20,000	20,000	20,000	20,000
<b>TOTAL OPERATING</b>	<b>\$363,470</b>		<b>\$40,000</b>	<b>\$40,000</b>	<b>\$91,260</b>	<b>\$91,160</b>	<b>\$101,050</b>



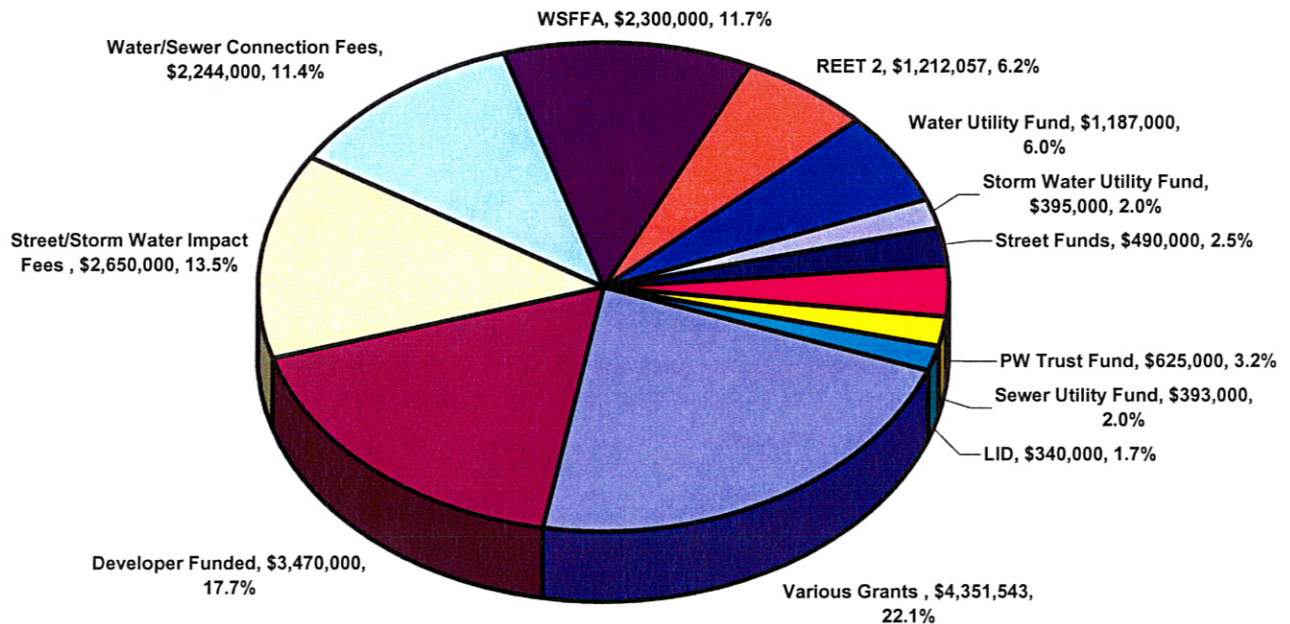
# CIP Public Works Revenue Summary

## Capital Improvement Program 2008 - 2013

### REQUESTED FUNDING

	Total \$ Project	2008	2009	2010	2011	2012	2013
Various Grants	4,351,543	265,000	1,202,943	673,600	1,150,000	0	1,060,000
Developer Funded	3,470,000	0	300,000	170,000	1,500,000	0	1,500,000
Street/Storm Water Impact Fees	2,650,000	0	0	500,000	0	450,000	1,700,000
Water/Sewer Connection Fees	2,244,000	142,000	212,000	147,000	609,000	977,000	157,000
WSFFA	2,300,000	50,000	1,250,000	1,000,000	0	0	0
REET 2	1,212,057	0	662,057	220,000	120,000	150,000	60,000
Water Utility Fund	1,187,000	20,000	75,000	75,000	150,000	270,000	597,000
Storm Water Utility Fund	395,000	75,000	0	0	0	100,000	220,000
Street Funds	490,000	40,000	30,000	30,000	30,000	230,000	130,000
PW Trust Fund	625,000	0	0	625,000	0	0	0
Sewer Utility Fund	393,000	178,000	18,000	38,000	3,000	3,000	153,000
LID	340,000	0	0	100,000	100,000	100,000	40,000
<b>TOTAL SOURCES</b>	<b>\$19,657,600</b>	<b>\$770,000</b>	<b>\$3,750,000</b>	<b>\$3,578,600</b>	<b>\$3,662,000</b>	<b>\$2,280,000</b>	<b>\$5,617,000</b>

**Total: \$19,657,600**





# REET 2 ANALYSIS SUMMARY

## Capital Improvement Program 2008 - 2013

### Real Estate Excise Tax Analysis

Key to Projects in the CIP:

T = Street  
S = Sewer  
D = Storm Water  
W = Water

### REET 2 - REVENUE ANALYSIS

	2008	2009	2010	2011	2012	2013
<b>Beginning Fund Balance</b>	1,014,595	1,089,595	493,882	383,760	425,272	490,157
1/4 of 1% REET	50,000	50,000	100,000	150,000	200,000	250,000
Interest	25,000	16,344	9,878	11,513	14,885	19,606
<b>Available Balance</b>	<b>1,089,595</b>	<b>1,155,939</b>	<b>603,760</b>	<b>545,272</b>	<b>640,157</b>	<b>759,763</b>

#### REET 2 Projects

W1	Rail Road Ave Water Main Upgrade	200,000				
T2	Rail Road Avenue Reconstruction	322,057				
T4	Transportation Impact Fee Study	80,000				
T5	233rd Ave SE Repair and Overlay	35,000				
T8	Lawson Street & Newcastle Drive Intersection Repair	25,000				
T9	Roberts Drive Pedestrian Trail/Sidewalk		150,000			
T10	SE 288th Street Overlay		70,000			
T11	B.D./Ravensdale & SR169 Intersection Approach			70,000		
T13	Roberts Drive Reconstruction			50,000	50,000	
T14	Pacific Street Neighborhood Improvements				100,000	
T15	Intersection Improvements in Morganville					40,000
T16	Lake Sawyer Road Culvert and Guardrail					20,000
<b>Total REET 2 Projects</b>		<b>662,057</b>	<b>220,000</b>	<b>120,000</b>	<b>150,000</b>	<b>60,000</b>
<b>Ending Fund Balance</b>		<b>1,089,595</b>	<b>493,882</b>	<b>383,760</b>	<b>425,272</b>	<b>490,157</b>
						<b>699,763</b>



# CIP Public Works Revenue Summary

## Capital Improvement Program 2008 - 2013

Key to Projects in the CIP:

T = Street  
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W = Water

### REQUESTED FUNDING

	Total \$ Project	2008	2009	2010	2011	2012	2013
<b>REET 2</b>							
T2	322,057	0	322,057	0	0	0	0
T4	80,000	0	80,000	0	0	0	0
T5	35,000	0	35,000	0	0	0	0
T8	25,000	0	25,000	0	0	0	0
T9	150,000	0	0	150,000	0	0	0
T10	70,000	0	0	70,000	0	0	0
T11	70,000	0	0	0	70,000	0	0
T13	100,000	0	0	0	50,000	50,000	0
T14	100,000	0	0	0	0	100,000	0
T15	40,000	0	0	0	0	0	40,000
T16	20,000	0	0	0	0	0	20,000
W1	200,000	0	200,000	0	0	0	0
<b>Total REET 2</b>	<b>1,212,057</b>	<b>0</b>	<b>662,057</b>	<b>220,000</b>	<b>120,000</b>	<b>150,000</b>	<b>60,000</b>

### Street Fund

T1	180,000	30,000	30,000	30,000	30,000	30,000	30,000
T2	10,000	10,000	0	0	0	0	0
T6	0	0	0	0	0	0	0
T12	100,000	0	0	0	0	100,000	0
T14	100,000	0	0	0	0	100,000	0
W6	100,000	0	0	0	0	0	100,000
<b>Total Street Fund Funding</b>	<b>490,000</b>	<b>40,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>230,000</b>	<b>130,000</b>

### Water Operating Fund

T13	200,000	0	0	0	0	0	200,000
T14	120,000	0	0	0	0	120,000	0
W1	20,000	20,000	0	0	0	0	0
W5	600,000	0	75,000	75,000	150,000	150,000	150,000
W7	150,000	0	0	0	0	0	150,000
W8	97,000	0	0	0	0	0	97,000



# CIP Public Works Revenue Summary

## Capital Improvement Program 2008 - 2013

Key to Projects in the CIP:

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### REQUESTED FUNDING

	2008	2009	2010	2011	2012	2013
<b>Total Water Operating Fund</b>	<b>20,000</b>	<b>75,000</b>	<b>75,000</b>	<b>150,000</b>	<b>270,000</b>	<b>597,000</b>
<b>Total Sewer Operating Fund</b>	<b>178,000</b>	<b>18,000</b>	<b>38,000</b>	<b>3,000</b>	<b>3,000</b>	<b>153,000</b>
<b>Total Storm Water Operating Fund</b>	<b>395,000</b>	<b>93,000</b>	<b>113,000</b>	<b>153,000</b>	<b>273,000</b>	<b>750,000</b>
<b>Total Street Impact or SEPA Fees</b>	<b>1,250,000</b>	<b>900,000</b>	<b>900,000</b>	<b>900,000</b>	<b>1,500,000</b>	<b>1,700,000</b>
<b>Total WSFFA</b>	<b>2,300,000</b>	<b>1,250,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>450,000</b>	<b>1,700,000</b>

	2008	2009	2010	2011	2012	2013
<b>Sewer Operating Fund</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Storm Water Operating Fund</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>
<b>Street Impact or SEPA Fees</b>	<b>1,250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>150,000</b>	<b>1,100,000</b>
<b>WSFFA</b>	<b>1,150,000</b>	<b>1,100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Connection Fees</b>	<b>352,000</b>	<b>0</b>	<b>0</b>	<b>352,000</b>	<b>0</b>	<b>0</b>

	2008	2009	2010	2011	2012	2013
<b>Sewer Operating Fund</b>	<b>125,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Storm Water Operating Fund</b>	<b>20,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,000</b>
<b>Street Impact or SEPA Fees</b>	<b>900,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>600,000</b>
<b>WSFFA</b>	<b>1,150,000</b>	<b>150,000</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Connection Fees</b>	<b>120,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>120,000</b>	<b>0</b>

	2008	2009	2010	2011	2012	2013
<b>Sewer Operating Fund</b>	<b>50,000</b>	<b>15,000</b>	<b>35,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Storm Water Operating Fund</b>	<b>18,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>
<b>Street Impact or SEPA Fees</b>	<b>75,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>WSFFA</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>
<b>Water Connection Fees</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>

	2008	2009	2010	2011	2012	2013
<b>Sewer Operating Fund</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Storm Water Operating Fund</b>	<b>125,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Street Impact or SEPA Fees</b>	<b>900,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>WSFFA</b>	<b>1,150,000</b>	<b>1,100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Connection Fees</b>	<b>352,000</b>	<b>0</b>	<b>0</b>	<b>352,000</b>	<b>0</b>	<b>0</b>





# CIP Public Works Revenue Summary

## Capital Improvement Program 2008 - 2013

Key to Projects in the CIP:

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W = Water

### REQUESTED FUNDING

	2008	2009	2010	2011	2012	2013
<b>Total Water Connection Fees</b>	<b>572,000</b>	<b>0</b>	<b>0</b>	<b>352,000</b>	<b>120,000</b>	<b>100,000</b>
<b>Sewer Connection Fees</b>						
S2 Preserving and Preparing the WWTP for future use	125,000	0	0	0	0	0
S3 Sewer Comprehensive Plan Supplement	80,000	80,000	0	0	0	0
S4 Cedarbrook Sewer Main	165,000	75,000	90,000	0	0	0
S5 Manhole Rehabilitation	42,000	7,000	7,000	7,000	7,000	7,000
S6 Infiltration and Inflow Reduction Program	260,000	50,000	50,000	50,000	50,000	50,000
S1 Morganville Sewer Lift Station Improvement	1,000,000	0	0	200,000	800,000	0
<b>Total Sewer Connection Fees</b>	<b>1,672,000</b>	<b>212,000</b>	<b>147,000</b>	<b>257,000</b>	<b>857,000</b>	<b>57,000</b>

### Storm Water Connection Fees

D2 Regional Storm Pond for the Old Downtown Area	500,000	0	0	500,000	0	0
<b>Total Storm Water Connection Fees</b>	<b>500,000</b>	<b>0</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

### Grants

T2 TIB Rail Road Avenue Reconstruction	967,943	90,000	877,943	0	0	0
T3 TIB Lake Sawyer Road 1/2 Mile overlay	100,000	100,000	0	0	0	0
T7 TIB Auburn Black Diamond Road Overlay	100,000	0	100,000	0	0	0
T10 TIB SE 288th Street Overlay	160,000	0	0	160,000	0	0
T13 TIB Roberts Drive Reconstruction	800,000	0	0	0	0	0
W1 TIB Rail Road Ave Water Main Upgrade	105,000	0	105,000	0	0	0
D1 Ecology Storm Water Comprehensive Plan	75,000	75,000	0	0	0	0
D2 TIB Regional Storm Pond for the Old Downtown Area	100,000	0	100,000	0	0	0
T6 CDBG Morgan Street Sidewalk Extension Phase II	533,600	0	120,000	413,600	0	0
T9 TIB, CDBG or FED Roberts Drive Pedestrian Trail/Sidewalk	1,150,000	0	0	0	1,150,000	0
T16 TIB, CDBG or FED Lake Sawyer Road Culvert and Guardrail	260,000	0	0	0	0	260,000
<b>Total Grants</b>	<b>4,351,543</b>	<b>265,000</b>	<b>1,202,943</b>	<b>673,600</b>	<b>1,150,000</b>	<b>1,060,000</b>

### Developer Funded

S6 West Black Diamond Sewer Lift Station	1,600,000	0	300,000	100,000	1,200,000	0
S8 South Black Diamond Sewer Trunk Extension	1,200,000	0	0	0	0	1,200,000



# CIP Public Works Revenue Summary

## Capital Improvement Program 2008 - 2013

Key to Projects in the CIP:

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### REQUESTED FUNDING

	Total \$ Project	2008	2009	2010	2011	2012	2013
D3 Lawson Creek Regional Storm Pond Phase 1	370,000	0	0	70,000	300,000	0	0
T17 Jones Lk. Road & SR 169 Intersection Improvements	300,000	0	0	0	0	0	300,000
<b>Total Developer Funded</b>	<b>3,470,000</b>	<b>0</b>	<b>300,000</b>	<b>170,000</b>	<b>1,500,000</b>	<b>0</b>	<b>1,500,000</b>
<b>PW Trust Fund</b>							
S3 Cedarbrook Sewer Main	625,000	0	0	625,000	0	0	0
<b>Total PW Trust Fund</b>	<b>625,000</b>	<b>0</b>	<b>0</b>	<b>625,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Local Improvement District LID</b>							
T9 Roberts Drive Pedestrian Trail/Sidewalk	200,000	0	0	100,000	100,000	0	0
T14 Pacific Street Neighborhood Improvements	100,000	0	0	0	0	100,000	0
T15 Intersection Improvements in Morganville	40,000	0	0	0	0	0	40,000
<b>Total PW Trust Fund</b>	<b>340,000</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>40,000</b>

### Grand Total Public Works CIP Funding

<b>19,657,600</b>	<b>770,000</b>	<b>3,750,000</b>	<b>3,578,600</b>	<b>3,662,000</b>	<b>2,280,000</b>	<b>5,617,000</b>
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# Street Department (Transportation Projects)

## Capital Improvement Program 2008 - 2013

### Expenditure Summary by Project

Project Name	Total \$ Requested	2008	2009	2010	2011	2012	2013
T1 General Street Improvement	180,000	30,000	30,000	30,000	30,000	30,000	30,000
T2 Rail Road Avenue Reconstruction	1,300,000	100,000	1,200,000	0	0	0	0
T3 Lake Sawyer Road 1/2 Mile overlay	100,000	100,000	0	0	0	0	0
T4 Transportation Impact Fee Study	80,000	0	80,000	0	0	0	0
T5 233rd Ave SE Repair and Overlay	35,000	0	35,000	0	0	0	0
T6 Morgan Street Sidewalk Extension Phase II	533,600	0	120,000	413,600	0	0	0
T7 Auburn Black Diamond Road Overlay	100,000	0	100,000	0	0	0	0
T8 Lawson Street & Newcastle Drive Intersection Repair	25,000	0	25,000	0	0	0	0
T9 Roberts Drive Pedestrian Trail/Sidewalk	1,500,000	0	0	250,000	1,250,000	0	0
T10 SE 288th Street Overlay	230,000	0	0	230,000	0	0	0
T11 B.D./Ravensdale & SR169 Intersection Approach	70,000	0	0	0	70,000	0	0
T12 SR-169 Widening Lawson & Baker Street Intersections	1,350,000	0	0	0	0	250,000	1,100,000
T13 Roberts Drive Reconstruction	2,100,000	0	0	0	50,000	350,000	1,700,000
T14 Pacific Street Neighborhood Improvements	520,000	0	0	0	0	520,000	0
T15 Intersection Improvements in Morganville	80,000	0	0	0	0	0	80,000
T16 Lake Sawyer Road Culvert and Guardrail	300,000	0	0	0	0	0	300,000
T17 Jones Lk. Road & SR 169 Intersection Improvements	300,000	0	0	0	0	0	300,000
<b>TOTAL EXPENDITURES</b>	<b>8,803,600</b>	<b>230,000</b>	<b>1,590,000</b>	<b>923,600</b>	<b>1,400,000</b>	<b>1,150,000</b>	<b>3,510,000</b>

### Funding Sources

Project	Total \$	2008	2009	2010	2011	2012	2013
<b>TIB Grants</b>							
T2 Rail Road Avenue Reconstruction	967,943	90,000	877,943	0	0	0	0
T3 Lake Sawyer Road 1/2 Mile overlay	100,000	100,000	0	0	0	0	0
T7 Auburn Black Diamond Road Overlay	100,000	0	100,000	0	0	0	0
T10 SE 288th Street Overlay	160,000	0	0	160,000	0	0	0
T13 Roberts Drive Reconstruction	800,000	0	0	0	0	0	800,000
<b>Total TIB Grants</b>	<b>2,127,943</b>	<b>190,000</b>	<b>977,943</b>	<b>160,000</b>	<b>0</b>	<b>0</b>	<b>800,000</b>
<b>CDBG Grants</b>							
T6 Morgan Street Sidewalk Extension Phase II	533,600	0	120,000	413,600	0	0	0
<b>Total CDBG Grants</b>	<b>533,600</b>	<b>0</b>	<b>120,000</b>	<b>413,600</b>	<b>0</b>	<b>0</b>	<b>0</b>

Total \$ Project	2008	2009	2010	2011	2012	2013
<b>Grants Other (CDBG, TIB or FED)</b>						
T9 Roberts Drive Pedestrian Trail/Sidewalk	1,150,000	0	0	1,150,000	0	0
T16 Lake Sawyer Road Culvert and Guardrail	260,000	0	0	0	0	260,000
<b>Total Grants Other</b>	<b>1,410,000</b>	<b>0</b>	<b>0</b>	<b>1,150,000</b>	<b>0</b>	<b>260,000</b>
<b>Total Grant Funding</b>	<b>4,071,543</b>	<b>1,097,943</b>	<b>573,600</b>	<b>1,150,000</b>	<b>0</b>	<b>1,060,000</b>
<b>Water Utility Funding</b>						
T13 Roberts Drive Reconstruction	200,000	0	0	0	0	200,000
T14 Pacific Street Neighborhood Improvements	120,000	0	0	0	120,000	0
<b>Total Water Utility Funding</b>	<b>320,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>120,000</b>	<b>200,000</b>
<b>Drainage Utility Funding</b>						
T2 Rail Road Avenue Reconstruction	0	0	0	0	0	0
T13 Roberts Drive Reconstruction	100,000	0	0	0	0	0
T14 Pacific Street Neighborhood Improvements	100,000	0	0	0	100,000	100,000
T16 Lake Sawyer Road Culvert and Guardrail	20,000	0	0	0	0	0
<b>Total Drainage Utility Funding</b>	<b>220,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>20,000</b>
<b>Street Fund Funding</b>						
T1 General Street Improvement	180,000	30,000	30,000	30,000	30,000	30,000
T2 Rail Road Avenue Reconstruction	10,000	0	0	0	0	0
T6 Morgan Street Sidewalk Extension Phase II	0	0	0	0	0	0
T12 SR-169 Widening Lawson & Baker Street Intersections	100,000	0	0	0	100,000	0
T14 Pacific Street Neighborhood Improvements	100,000	0	0	0	100,000	0
<b>Total Street Fund Funding</b>	<b>390,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>230,000</b>	<b>30,000</b>
<b>Street Impact Fees</b>						
T12 SR-169 Widening Lawson & Baker Street Intersections	1,250,000	0	0	0	150,000	1,100,000
T13 Roberts Drive Reconstruction	900,000	0	0	0	300,000	600,000
<b>Total Street Impact Fee Funding</b>	<b>2,150,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>450,000</b>	<b>1,700,000</b>
<b>REET 2 Funding</b>						
T2 Rail Road Avenue Reconstruction	322,057	322,057	0	0	0	0
T4 Transportation Impact Fee Study	80,000	80,000	0	0	0	0
T5 233rd Ave SE Repair and Overlay	35,000	35,000	0	0	0	0
T8 Lawson Street & Newcastle Drive Intersection Repair	25,000	25,000	0	0	0	0
T9 Roberts Drive Pedestrian Trail/Sidewalk	150,000	0	150,000	0	0	0
T10 SE 288th Street Overlay	70,000	0	70,000	0	0	0
T11 B.D./Ravensdale & SR169 Intersection Approach	70,000	0	0	70,000	0	0
T13 Roberts Drive Reconstruction	100,000	0	0	50,000	50,000	0
T14 Pacific Street Neighborhood Improvements	100,000	0	0	0	100,000	0
T15 Intersection Improvements in Morganville	40,000	0	0	0	0	40,000
<b>Total REET 2 Funding</b>	<b>1,012,057</b>	<b>462,057</b>	<b>220,000</b>	<b>120,000</b>	<b>150,000</b>	<b>60,000</b>
T16 Lake Sawyer Road Culvert and Guardrail	20,000	0	0	0	0	20,000
<b>Total REET 2 Funding</b>	<b>1,012,057</b>	<b>462,057</b>	<b>220,000</b>	<b>120,000</b>	<b>150,000</b>	<b>60,000</b>

Total \$ Project		2008	2009	2010	2011	2012	2013
<b>Local Improvement District Funded (LID)</b>							
T15	Intersection Improvements in Morganville	40,000	0	0	0	0	40,000
T9	Roberts Drive Pedestrian Trail/Sidewalk	200,000	0	100,000	100,000	0	0
T14	Pacific Street Neighborhood Improvements	100,000	0	0	0	100,000	0
	<b>Total LID Funding</b>	<b>340,000</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>40,000</b>
<b>Developer Funded</b>							
T17	Jones Lk. Road & SR 169 Intersection Improvements	300,000	0	0	0	0	300,000
	<b>Total Developer Funded</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>
	<b>Total Street Projects</b>	<b>8,803,600</b>	<b>1,590,000</b>	<b>923,600</b>	<b>1,400,000</b>	<b>1,150,000</b>	<b>3,510,000</b>



## Capital Improvement Program 2008 - 2013

### Street Expenditure Summary - All Street Projects

<b>CAPITAL PROJECT COSTS BY TYPE</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way	690,000			100,000		300,000	290,000
Building Improvements							
Preliminary Engineering	130,000		80,000		50,000		
Construction Engineering	380,000	105,000	115,000	10,000	50,000		100,000
Design Engineering	780,000		110,000	150,000	10,000	370,000	140,000
Construction Costs	6,823,600	125,000	1,285,000	663,600	1,290,000	480,000	2,980,000
Capital Outlay							
Other (Specify)							
<b>TOTAL COSTS</b>	<b>\$8,803,600</b>	<b>\$230,000</b>	<b>\$1,590,000</b>	<b>\$923,600</b>	<b>\$1,400,000</b>	<b>\$1,150,000</b>	<b>\$3,510,000</b>

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants	4,071,543	190,000	1,097,943	573,600	1,150,000		1,060,000
Water Utility Fund	320,000					120,000	200,000
Sewer Utility Fund							
Drainage Utility Fund	220,000					100,000	120,000
Street Funds	390,000	40,000	30,000	30,000	30,000	230,000	30,000
Impact Fees	2,150,000					450,000	1,700,000
REET 1							
REET 2	1,012,057		462,057	220,000	120,000	150,000	60,000
Other - LID	340,000			100,000	100,000	100,000	40,000
Developer Funded							300,000
<b>TOTAL SOURCES</b>	<b>\$8,803,600</b>	<b>\$230,000</b>	<b>\$1,590,000</b>	<b>\$923,600</b>	<b>\$1,400,000</b>	<b>\$1,150,000</b>	<b>\$3,510,000</b>

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries, Benefits and Other	56,400			46,400			10,000
Debt Repayment							
<b>TOTAL OPERATING</b>	<b>\$56,400</b>			<b>\$46,400</b>			<b>\$10,000</b>



## Capital Improvement Program 2008 - 2013

**Project for the                                  Street                                  Department                                  # T1**

**PROJECT TITLE                                  General Street Improvement**

**DESCRIPTION**                                  Annually the Public Works staff will assess the street system and select key street preservation work. Typical activities under this project will be chip sealing, crack sealing, patch work and addressing minor safety problems.

**BACKGROUND**                                  This will set aside annual funding for minor street improvements that typically do not require engineering.

**COMMENTS**

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering							
Construction Costs	180,000	30,000	30,000	30,000	30,000	30,000	30,000
Capital Outlay							
Contingency							
<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 \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (TIB)							
Water Utility Fund							
Sewer Utility Fund							
Drainage Utility Fund							
Street Funds	180,000	30,000	30,000	30,000	30,000	30,000	30,000
Impact Fees							
REET 1							
REET 2							
PW Trust Fund							
Other							
<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>

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries, Benefits and Other							
Debt Repayment							
<b>TOTAL OPERATING</b>							



## Capital Improvement Program 2008 - 2013

<b>Project for the</b>	<b>Street</b>	<b>Department</b>	<b># T2</b>
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<b>PROJECT TITLE</b>	<b>Rail Road Avenue Reconstruction</b>
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**DESCRIPTION**                      Widen and reconstruct the existing roadway; provide parking, sidewalks and illumination, storm water collection treatment and detention.

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

**COMMENTS**                      There may be some benefit to attracting additional business investment in the downtown core.

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Design Engineering	150,000	100,000	50,000				
Construction Engineering	50,000		50,000				
Construction Costs	1,100,000		1,100,000				
Capital Outlay							
Contingency							
<b>TOTAL COSTS</b>	<b>\$1,300,000</b>	<b>\$100,000</b>	<b>\$1,200,000</b>				

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (TIB)	967,943	90,000	877,943				
Water Utility Fund							
Sewer Utility Fund							
Storm Utility Fund							
Street Funds	10,000	10,000					
Impact Fees							
REET 1							
REET 2	322,057		322,057				
PW Trust Fund							
Other							
<b>TOTAL SOURCES</b>	<b>\$1,300,000</b>	<b>\$100,000</b>	<b>\$1,200,000</b>				

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries, Benefits and Other							
Debt Repayment							
<b>TOTAL OPERATING</b>							





## Capital Improvement Program 2008 - 2013

**Project for the                                  Street                                  Department                                  # T3**

**PROJECT TITLE                                  Lake Sawyer Road 1/2 Mile overlay**

**DESCRIPTION**                                  Overlay Lake Sawyer road from Auburn Black Diamond Road north approximately 1/2 mile.

**BACKGROUND**                                  The pavement condition on this section of roadway needs to be sealed and overlaid in the near future or the entire pavement section will need to be ground up and repaved at a much higher cost

**COMMENTS**                                  This project is funded 100% by Transportation Improvement Board funds. The City's intent is to take full advantage of this roadway preservation program. This program is available to cities under 5,000 population.

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering	5,000	5,000					
Design Engineering							
Construction Costs	95,000	95,000					
Capital Outlay							
Contingency							
<b>TOTAL COSTS</b>	<b>\$100,000</b>	<b>\$100,000</b>					

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (TIB)	100,000	100,000					
Water Utility Fund							
Sewer Utility Fund							
Drainage Utility Fund							
Street Funds							
Impact Fees							
REET 1							
REET 2							
PW Trust Fund							
Other							
<b>TOTAL SOURCES</b>	<b>\$100,000</b>	<b>\$100,000</b>					

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries, Benefits and Other							
Debt Repayment							
<b>TOTAL OPERATING</b>							



## Capital Improvement Program 2008 - 2013

**Project for the                      Street                      Department                      # T4**

### **PROJECT TITLE                      Transportation Impact Fee Study**

**DESCRIPTION**

Model the traffic growth in the city out 10 and 20 years, determining which transportation capacity projects are needed to maintain a "C" level of service. Determine what the City and developer share of the cost of funding the capacity projects. Establish a traffic impact fee ordinance that finances the projects to handle 20 years of traffic growth.

**BACKGROUND**

The City currently is dealing with traffic impacts through the SEPA process. Under this process the developer will need to mitigate portions of the street system that drop below the accepted level of service. The SEPA process is more reactionary and only meets the developer hot spots rather than focusing on citywide solutions.

**COMMENTS**

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way							
Building Improvements							
Preliminary Engineering	80,000		80,000				
Construction Engineering							
Design Engineering							
Construction Costs							
Capital Outlay							
Contingency							
<b>TOTAL COSTS</b>	<b>\$80,000</b>		<b>\$80,000</b>				

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (TIB)							
Water Utility Fund							
Sewer Utility Fund							
Drainage Utility Fund							
Street Funds							
Impact Fees							
REET 1							
REET 2	80,000		80,000				
PW Trust Fund							
Other							
<b>TOTAL SOURCES</b>	<b>\$80,000</b>		<b>\$80,000</b>				

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries, Benefits and Other							
Debt Repayment							
<b>TOTAL OPERATING</b>							



## Capital Improvement Program 2008 - 2013

<b>Project for the</b>	<b>Street</b>	<b>Department</b>	<b># T5</b>
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<b>PROJECT TITLE</b>	<b>233rd Ave SE Repair and Overlay</b>
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<b>DESCRIPTION</b>	Grind, patch, seal and overlay from SE 293rd Place south 500 feet to the end.
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<b>BACKGROUND</b>	This cul de sac is in bad condition and difficult to maintain.
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<b>COMMENTS</b>	Pot hole maintenance on this cul de sac is particularly expensive because of the distance from old Black Diamond.
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	Total \$ Requested	2008	2009	2010	2011	2012	2013
<b>CAPITAL PROJECT COSTS</b>							
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering							
Construction Costs	35,000		35,000				
Capital Outlay							
Other (Specify)							
<b>TOTAL COSTS</b>	\$35,000		\$35,000				

	Total \$ Project	2008	2009	2010	2011	2012	2013
<b>REQUESTED FUNDING</b>							
Grants (specify)							
Water Utility Fund							
Sewer Utility Fund							
Drainage Utility Fund							
Street Funds							
Impact Fees							
REET 1							
REET 2	35,000		35,000				
PW Trust Fund							
Other							
<b>TOTAL SOURCES</b>	\$35,000		\$35,000				

	Total \$ Requested	2008	2009	2010	2011	2012	2013
<b>NON CAPITAL OPERATING COSTS</b>							
Salaries, Benefits and Other							
Debt Repayment							
<b>TOTAL OPERATING</b>							



# Capital Improvement Program 2008 - 2013

**Project for the    Street    Department    # T6**

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

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

**BACKGROUND**    The need for sidewalks along Morgan Street is increasing because pedestrian traffic is growing. The staff has applied for two grants and is suggesting that the City provide inspections and project management in house.

**COMMENTS**    If the grants are not received this project should be put on hold. Over a long period of time the sidewalks could be installed as frontage improvements along with redevelopment along the corridor.

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering	60,000		60,000				
Design Engineering	60,000		60,000				
Construction Costs	413,600			413,600			
Capital Outlay							
Other (Specify)							
<b>TOTAL COSTS</b>	<b>\$533,600</b>		<b>\$120,000</b>	<b>\$413,600</b>			

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (CDBG & TIB)	533,600		120,000	413,600			
Water Utility Fund							
Sewer Utility Fund							
Drainage Utility Fund							
Street Funds							
Impact Fees							
REET 1							
REET 2							
PW Trust Fund							
Other							
<b>TOTAL SOURCES</b>	<b>\$533,600</b>		<b>\$120,000</b>	<b>\$413,600</b>			

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries, Benefits and Other	46,400			46,400			
Debt Repayment							
<b>TOTAL OPERATING</b>	<b>46,400</b>			<b>46,400</b>			



## Capital Improvement Program 2008 - 2013

**Project for the    Street    Department    # T7**

**PROJECT TITLE    Auburn Black Diamond Road Overlay**

**DESCRIPTION**    Repair and overlay the existing roadway from Bruckner's Way to the west city limits approximately 2,600 feet depending on the available funding.

**BACKGROUND**    This portion of roadway needs to be overlaid before the structural integrity of the pavement section is compromised. The City will be applying for Transportation Improvement Board preservation funds

**COMMENTS**    If the street is not overlaid in the next few years the roadway will need to be ground up, regraded and paved at a much higher cost.

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$</b>						
	<b>Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering	5,000		5,000				
Design Engineering							
Construction Costs	95,000		95,000				
Capital Outlay							
Other (Specify)							
<b>TOTAL COSTS</b>	<b>\$100,000</b>		<b>\$100,000</b>				

<b>REQUESTED FUNDING</b>	<b>Total \$</b>						
	<b>Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (TIB)	100,000		100,000				
Water Utility Fund							
Sewer Utility Fund							
Drainage Utility Fund							
Street Funds							
Impact Fees							
REET 1							
REET 2							
PW Trust Fund							
Other							
<b>TOTAL SOURCES</b>	<b>\$100,000</b>		<b>\$100,000</b>				

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$</b>						
	<b>Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries, Benefits and Other							
Debt Repayment							
<b>TOTAL OPERATING</b>							



## Capital Improvement Program 2008 - 2013

**Project for the                                  Street                                  Department                                  # T8**

**PROJECT TITLE                                  Lawson Street & Newcastle Drive Intersection Repair**

**DESCRIPTION**                                  Repair and Overlay existing intersection.

**BACKGROUND**                                  The shoulders of the road have sunk and some roadway patches have failed. The road base needs to be established in several locations and portions of the road reconstructed.

**COMMENTS**                                  Reconstruction will avoid higher ongoing maintenance costs.

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering							
Construction Costs	25,000		25,000				
Capital Outlay							
Other (Specify)							
<b>TOTAL COSTS</b>	<b>\$25,000</b>		<b>\$25,000</b>				

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (specify)							
Water Utility Fund							
Sewer Utility Fund							
Drainage Utility Fund							
Street Funds							
Impact Fees							
REET 1							
REET 2	25,000		25,000				
PW Trust Fund							
Other							
<b>TOTAL SOURCES</b>	<b>\$25,000</b>		<b>\$25,000</b>				

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries, Benefits and Other							
Other (specify)							
<b>TOTAL OPERATING</b>							



## Capital Improvement Program 2008 - 2013

<b>Project for the</b>	<b>Street</b>	<b>Department</b>	<b># T9</b>
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<b>PROJECT TITLE</b>	<b>Roberts Drive Pedestrian Trail/Sidewalk</b>
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<b>DESCRIPTION</b>	Install a new pedestrian trail/sidewalk from SR 169 to Morganville neighborhood.
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<b>BACKGROUND</b>	This project is part of fulfilling the comprehensive pedestrian plan.
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<b>COMMENTS</b>	The private contribution is proposed as a LID on the benefitted property owners.
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<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way	100,000			100,000			
Building Improvements							
Preliminary Engineering							
Construction Engineering	50,000				50,000		
Design Engineering	150,000			150,000			
Construction Costs	1,200,000				1,200,000		
Capital Outlay							
Other (Specify)							
<b>TOTAL COSTS</b>	<b>\$1,500,000</b>			<b>\$250,000</b>	<b>\$1,250,000</b>		

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (CDBG,TIB or Fed)	1,150,000				1,150,000		
Water Utility Fund							
Sewer Utility Fund							
Drainage Utility Fund							
Street Funds							
Impact Fees							
REET 1							
REET 2	150,000			150,000			
PW Trust Fund							
Private Cont. - LID	200,000			100,000	100,000		
<b>TOTAL SOURCES</b>	<b>\$1,500,000</b>			<b>\$250,000</b>	<b>\$1,250,000</b>		

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries, Benefits and Other							
Other (specify)							
<b>TOTAL OPERATING</b>							



## Capital Improvement Program 2008 - 2013

<b>Project for the</b>	<b>Street</b>	<b>Department</b>	<b># T10</b>
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<b>PROJECT TITLE</b>	<b>SE 288th Street Overlay</b>
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**DESCRIPTION**    Overlay the existing roadway from 236th Ave SE to 216th Ave SE.

**BACKGROUND**     The City will not be able to take advantage of the TIB grant program once the City grows over 5,000 in population. This project suggest leveraging more than \$100,000.

**COMMENTS**    The scope of the project could be cut back or chip seal coating could be considered.

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering	10,000			10,000			
Design Engineering							
Construction Costs	220,000			220,000			
Capital Outlay							
Other (Specify)							
<b>TOTAL COSTS</b>	<b>\$230,000</b>			<b>\$230,000</b>			

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (TIB preservation)	160,000			160,000			
Water Utility Fund							
Sewer Utility Fund							
Drainage Utility Fund							
Street Funds							
Impact Fees							
REET 1							
REET 2	70,000			70,000			
PW Trust Fund							
Other							
<b>TOTAL SOURCES</b>	<b>\$230,000</b>			<b>\$230,000</b>			

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries, Benefits and Other							
Debt Repayment							
<b>TOTAL OPERATING</b>							





## Capital Improvement Program 2008 - 2013

**Project for the                      Street                      Department                      # T11**

**PROJECT TITLE                      B.D./Ravensdale & SR169 Intersection Approach**

**DESCRIPTION**                      Minor widening, radius construction, realignment, and overlay.

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

**COMMENTS**                      In the long term the realignment of B.D./Ravensdale Road further to the north is being considered. If that were to occur in the future, the current intersection would be abandoned and some creek bed restoration would occur at this location.

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering	10,000				10,000		
Construction Costs	60,000				60,000		
Capital Outlay							
Other (Specify)							
<b>TOTAL COSTS</b>	<b>\$70,000</b>				<b>\$70,000</b>		

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants							
Water Utility Fund							
Sewer Utility Fund							
Drainage Utility Fund							
Street Funds							
Impact Fees							
REET 1							
REET 2	70,000				70,000		
PW Trust Fund							
Other							
<b>TOTAL SOURCES</b>	<b>\$70,000</b>				<b>\$70,000</b>		

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries, Benefits and Other							
Other (specify)							
<b>TOTAL OPERATING</b>							



## Capital Improvement Program 2008 - 2013

Project for the	Street	Department	# T12
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PROJECT TITLE	SR-169 Widening Lawson & Baker Street Intersections
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<b>DESCRIPTION</b>	The left hand turn lanes are needed on 169 and on the approaching streets. 900 feet of SR 169 widening and channelization is needed. 200 feet of widening and channelization is needed on Lawson and Baker Street.
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<b>BACKGROUND</b>	This is a capacity adding project funded by Traffic Impact Fees
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**COMMENTS**

	Total \$ Requested	2008	2009	2010	2011	2012	2013
<b>CAPITAL PROJECT COSTS</b>							
Land/Right of Way	100,000					100,000	
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering	150,000					150,000	
Construction Costs	1,100,000						1,100,000
Capital Outlay							
Other (Specify)							
<b>TOTAL COSTS</b>	<b>\$1,350,000</b>					<b>\$250,000</b>	<b>\$1,100,000</b>

	Total \$ Project	2008	2009	2010	2011	2012	2013
<b>REQUESTED FUNDING</b>							
Grants (specify)							
Water Utility Fund							
Sewer Utility Fund							
Drainage Utility Fund							
Street Funds	100,000					100,000	
St. Impact Fees or SEPA Mitigation	1,250,000					150,000	1,100,000
REET 1							
REET 2							
PW Trust Fund							
Other							
<b>TOTAL SOURCES</b>	<b>\$1,350,000</b>					<b>\$250,000</b>	<b>\$1,100,000</b>

	Total \$ Requested	2008	2009	2010	2011	2012	2013
<b>NON CAPITAL OPERATING COSTS</b>							
Salaries, Benefits and Other							
Debt Repayment							
<b>TOTAL OPERATING</b>							



## Capital Improvement Program 2008 - 2013

**Project for the Streets Department # T13**

**PROJECT TITLE Roberts Drive Reconstruction**

**DESCRIPTION** Overlay existing roadway, address reflective cracking, widen to standard, install utilities as needed for future needs from SR 169 to the Rock Creek Bridge.

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

**COMMENTS**

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way	200,000					200,000	
Building Improvements							
Preliminary Engineering	50,000				50,000		
Construction Engineering	100,000						100,000
Design Engineering	150,000					150,000	
Construction Costs	1,600,000						1,600,000
Capital Outlay							
Other (Specify)							
<b>TOTAL COSTS</b>	<b>\$2,100,000</b>				<b>\$50,000</b>	<b>\$350,000</b>	<b>\$1,700,000</b>

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (TIB)	800,000						800,000
Water Utility Fund	200,000						200,000
Sewer Utility Fund							
Drainage Utility Fund	100,000						100,000
Street Funds							
Impact Fees	900,000					300,000	600,000
REET 1							
REET 2	100,000				50,000	50,000	
PW Trust Fund							
Other							
<b>TOTAL SOURCES</b>	<b>\$2,100,000</b>				<b>\$50,000</b>	<b>\$350,000</b>	<b>\$1,700,000</b>

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries, Benefits and Maint.	10,000						10,000
Other (specify)							
<b>TOTAL OPERATING</b>	<b>10,000</b>						<b>10,000</b>



## Capital Improvement Program 2008 - 2013

**Project for the Streets Department # T14**

**PROJECT TITLE Pacific Street Neighborhood Improvements**

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

**BACKGROUND** Gravel road requires a higher level of maintenance and generate much more citizen complaints than paved streets.

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

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering	70,000					70,000	
Construction Costs	450,000					450,000	
Capital Outlay							
Other (Specify)							
<b>TOTAL COSTS</b>	<b>\$520,000</b>					<b>\$520,000</b>	

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (specify)							
Water Utility Fund	120,000					120,000	
Sewer Utility Fund							
Storm Water Utility Fund	100,000					100,000	
Street Funds	100,000					100,000	
Impact Fees							
REET 1							
REET 2	100,000					100,000	
PW Trust Fund							
Other - LID	100,000					100,000	
<b>TOTAL SOURCES</b>	<b>\$520,000</b>					<b>\$520,000</b>	

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries, Benefits and Other							
Other (specify)							
<b>TOTAL OPERATING</b>							



## Capital Improvement Program 2008 - 2013

**Project for the                                  Street                                  Department                                  # T15**

**PROJECT TITLE                                  Intersection Improvements in Morganville**

**DESCRIPTION**                                  Design roadway intersections , determine right of way needs.

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

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

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way	40,000						40,000
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering	40,000						40,000
Construction Costs							
Capital Outlay							
Other (Specify)							
<b>TOTAL COSTS</b>	<b>\$80,000</b>						<b>\$80,000</b>

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (specify)							
Water Utility Fund							
Sewer Utility Fund							
Drainage Utility Fund							
Street Funds							
Impact Fees							
REET 1							
REET 2	40,000						40,000
Other (LID)	40,000						40,000
Other							
<b>TOTAL SOURCES</b>	<b>\$80,000</b>						<b>\$80,000</b>

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries, Benefits and Other							
Other (specify)							
<b>TOTAL OPERATING</b>							



## Capital Improvement Program 2008 - 2013

<b>Project for the</b>	<b>Street</b>	<b>Department</b>	<b># T16</b>
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<b>PROJECT TITLE</b>	<b>Lake Sawyer Road Culvert and Guardrail</b>
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<b>DESCRIPTION</b>	Replace twin culverts with a bottomless box culvert and install guard rails to protect vehicles from running into the creek.
<b>BACKGROUND</b>	The twin culverts may impede the upstream migration of salmon. The existing corrugated metal culverts are showing signs of corrosion. The guard rails will protect the environment from errant stray vehicles.
<b>COMMENTS</b>	Grant funding is anticipated and included in the financing for this project.

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering	50,000						50,000
Construction Costs	250,000						250,000
Capital Outlay							
Other (Specify)							
<b>TOTAL COSTS</b>	<b>\$300,000</b>						<b>\$300,000</b>

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (salmon restoration)	260,000						260,000
Water Utility Fund							
Sewer Utility Fund							
Drainage Utility Fund	20,000						20,000
Street Funds							
Impact Fees							
REET 1							
REET 2	20,000						20,000
PW Trust Fund							
Other							
<b>TOTAL SOURCES</b>	<b>\$300,000</b>						<b>\$300,000</b>

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries, Benefits and Other							
Other (specify)							
<b>TOTAL OPERATING</b>							



## Capital Improvement Program 2008 - 2013

**Project for the                                  Street                                  Department                                  # T17**

**PROJECT TITLE                                  Jones Lk. Road & SR 169 Intersection Improvements**

**DESCRIPTION**                                  left turn lanes or refuge lanes will be needed to handle the additional traffic access SR 169.

**BACKGROUND**                                  This is a capacity adding project. The SE Loop connector as identified in the comprehensive plan needs to connect to SR 169 at Jones Lake Road. The City may need to take the lead in acquiring key right-of-way. Where as this is a capacity adding project, funding will come from from traffic impact fees or SEPA mitigation fees.

**COMMENTS**

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way	250,000						250,000
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering	50,000						50,000
Construction Costs							
Capital Outlay							
Other (Specify)							
<b>TOTAL COSTS</b>	<b>\$300,000</b>						<b>\$300,000</b>

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (specify)							
Water Utility Fund							
Sewer Utility Fund							
Drainage Utility Fund							
Street Funds							
Street Impact Fees							
REET 1							
REET 2							
PW Trust Fund							
Developer Funded	300,000						300,000
<b>TOTAL SOURCES</b>	<b>\$300,000</b>						<b>\$300,000</b>

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries, Benefits and Other							
Debt Repayment							
<b>TOTAL OPERATING</b>							

# Water Department

## Capital Improvement Program 2008 - 2013

### Expenditure Summary by Project

Project Name	2008	2009	2010	2011	2012	2013
W1 Rail Road Ave Water Main Upgrade	20,000	305,000	0	0	0	0
W2 Springs Transmission Main Replacement Phase 1	50,000	1,100,000	0	0	0	0
W3 Springs Transmission Main Replacement Phase 2	0	150,000	1,000,000	0	0	0
W4 Roberts Drive Water Line Replacement	0	0	0	352,000	0	0
W5 Meter Replacement Program	0	75,000	75,000	150,000	150,000	150,000
W6 Pacific Street Water Line Loop	0	0	0	0	120,000	0
W7 Public Works Yard Improvements	0	0	0	0	0	500,000
W8 Palmer Coking Coal W/L Improvements	0	0	0	0	0	197,000
<b>TOTAL EXPENDITURES</b>	<b>70,000</b>	<b>1,630,000</b>	<b>1,075,000</b>	<b>502,000</b>	<b>270,000</b>	<b>847,000</b>

### Funding Sources

Project	2008	2009	2010	2011	2012	2013
<b>TIB Grant Funding</b>						
W1 Rail Road Ave Water Main Upgrade	0	105,000	0	0	0	0
<b>Total Grant Fundind</b>	<b>0</b>	<b>105,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Utility Funding</b>						
W1 Rail Road Ave Water Main Upgrade	20,000	0	0	0	0	0
W5 Meter Replacement Program	0	75,000	75,000	150,000	150,000	150,000
W7 Public Works Yard Improvements	0	0	0	0	0	150,000
W8 Palmer Coking Coal W/L Improvements	0	0	0	0	0	97,000
<b>Total Water Utility Funding</b>	<b>20,000</b>	<b>75,000</b>	<b>75,000</b>	<b>150,000</b>	<b>150,000</b>	<b>397,000</b>
<b>Sewer Utility Funding</b>						
W6 Public Works Yard Improvements	0	0	0	0	0	150,000
<b>Total Sewer Utility Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>150,000</b>
<b>Drainage Utility Funding</b>						
W6 Public Works Yard Improvements	0	0	0	0	0	100,000
<b>Total Drainage Fund Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>
<b>Street Fund</b>						
W6 Public Works Yard Improvements	0	0	0	0	0	100,000
<b>Total Street Impact Fees</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>
<b>REET 2</b>						
W1 Rail Road Ave Water Main Upgrade	0	200,000	0	0	0	0
<b>Total REET 2</b>	<b>0</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>WSFFA</b>						
W2 Springs Transmission Main Replacement Phase 1	50,000	1,100,000	0	0	0	0
W3 Springs Transmission Main Replacement Phase 2	0	150,000	1,000,000	0	0	0
<b>Total WSFFA Funds</b>	<b>50,000</b>	<b>1,250,000</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Connection Fees</b>						
W4 Roberts Drive Water Line Replacement	0	0	0	352,000	0	0
W6 Pacific Street Water Line Loop	0	0	0	0	120,000	0
W7 Palmer Coking Coal W/L Improvements	0	0	0	0	0	100,000
<b>Total Water Connection Fees</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>352,000</b>	<b>120,000</b>	<b>100,000</b>
<b>Total Water Projects</b>	<b>70,000</b>	<b>1,630,000</b>	<b>1,075,000</b>	<b>502,000</b>	<b>270,000</b>	<b>847,000</b>





## Capital Improvement Program 2008 - 2013

### TOTAL Projects for the Water Department

<b>CAPITAL PROJECT COSTS BY TYPE</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering	1,105,000	50,000	430,000	75,000	150,000	250,000	150,000
Design Engineering	350,000	20,000	200,000		40,000	20,000	70,000
Construction Costs	2,939,000		1,000,000	1,000,000	312,000		627,000
Capital Outlay							
Other (Specify)							
<b>TOTAL COSTS</b>	<b>\$4,394,000</b>	<b>\$70,000</b>	<b>\$1,630,000</b>	<b>\$1,075,000</b>	<b>\$502,000</b>	<b>\$270,000</b>	<b>\$847,000</b>

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (specify)	105,000		105,000				
Water Utility Fund	867,000	20,000	75,000	75,000	150,000	150,000	397,000
Sewer Utility Fund	150,000						150,000
Drainage Utility Fund	100,000						100,000
Street Funds	200,000						200,000
Water Connection Fees	472,000				352,000	120,000	
Water Utility Fund	200,000		200,000				
WSFFA	2,300,000	50,000	1,250,000	1,000,000			
<b>TOTAL COSTS</b>	<b>\$4,394,000</b>	<b>\$70,000</b>	<b>\$1,630,000</b>	<b>\$1,075,000</b>	<b>\$502,000</b>	<b>\$270,000</b>	<b>\$847,000</b>

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries and Benefits							
Debt Repayment							
<b>TOTAL OPERATING</b>							



# Capital Improvement Program 2008 - 2013

**Project for the Water Department # W1**

**PROJECT TITLE Rail Road Ave Water Main Upgrade**

**DESCRIPTION** Replace the 4 inch Asbestos Concrete Pipe in RR Ave with 12 inch ductile iron with 12 inch connections planned west on Morgan Street and east on Baker.

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

**COMMENTS**

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering	305,000		305,000				
Design Engineering	20,000	20,000					
Construction Costs							
Capital Outlay							
Contingency							
<b>TOTAL COSTS</b>	<b>\$325,000</b>	<b>\$20,000</b>	<b>\$305,000</b>				

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (TIB)	105,000		105,000				
Water Utility Fund	20,000	20,000					
Sewer Utility Fund							
Drainage Utility Fund							
Street Funds							
Water Connection Fees							
REET 2	200,000		200,000				
Other							
<b>TOTAL SOURCES</b>	<b>\$325,000</b>	<b>\$20,000</b>	<b>\$305,000</b>				

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries and Benefits							
Debt Repayment							
<b>TOTAL OPERATING</b>							



## Capital Improvement Program 2008 - 2013

**Project for the                              Water                              Department                              # W2**

### **PROJECT TITLE                              Springs Transmission Main Replacement Phase 1**

**DESCRIPTION**                              Replace 9100 feet of 8 inch AC with 12 inch DI from the North Bank Pump Station to tie in to the existing 12" Spring Supply Main.

**BACKGROUND**                              This is a capacity and system reliability project funded by the Water Supply Facilities Funding Agreement.

**COMMENTS**

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering	50,000	50,000					
Design Engineering	100,000		100,000				
Construction Costs	1,000,000		1,000,000				
Capital Outlay							
Other (Specify)							
<b>TOTAL COSTS</b>	<b>\$1,150,000</b>	<b>\$50,000</b>	<b>\$1,100,000</b>				

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (specify)							
Water Utility Fund							
Sewer Utility Fund							
Drainage Utility Fund							
Street Funds							
Water Connection Fees							
REET 2							
WSFFA	1,150,000	50,000	1,100,000				
<b>TOTAL SOURCES</b>	<b>\$1,150,000</b>	<b>\$50,000</b>	<b>\$1,100,000</b>				

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries and Benefits							
Debt Repayment							
<b>TOTAL OPERATING</b>							



## Capital Improvement Program 2008 - 2013

**Project for the                                  Water                                  Department                                  # W3**

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

**DESCRIPTION**                                  Improvements to the springs and the points of collection. Replacement of 1300 lineal ft. of piping from the springs across the Green River to the North Bank Pump Station.

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

**COMMENTS**

<i><b>CAPITAL PROJECT COSTS</b></i>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering	50,000		50,000				
Design Engineering	100,000		100,000				
Construction Costs	1,000,000			1,000,000			
Capital Outlay							
Other (Specify)							
<b>TOTAL COSTS</b>	<b>\$1,150,000</b>		<b>\$150,000</b>	<b>\$1,000,000</b>			

<i><b>REQUESTED FUNDING</b></i>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (specify)							
Water Utility Fund							
Sewer Utility Fund							
Drainage Utility Fund							
Street Funds							
Water Connection Fees							
REET 2							
WSFFA	1,150,000		150,000	1,000,000			
<b>TOTAL SOURCES</b>	<b>\$1,150,000</b>		<b>\$150,000</b>	<b>\$1,000,000</b>			

<i><b>NON CAPITAL OPERATING COSTS</b></i>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries and Benefits							
Debt Repayment							
<b>TOTAL OPERATING</b>							



## Capital Improvement Program 2008 - 2013

**Project for the                      Water                      Department                      # W4**

**PROJECT TITLE                      Roberts Drive Water Line Replacement**

**DESCRIPTION**                      Replace 2200 lineal feet of 6 inch PVC, AC and 8 inch DI with 12 inch DI along Roberts Drive from Morgan Drive, east on Roberts to the tie in with the existing 12 inch DI water line.

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

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

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering	40,000				40,000		
Construction Costs	312,000				312,000		
Capital Outlay							
Other (Specify)							
<b>TOTAL COSTS</b>	<b>\$352,000</b>				<b>\$352,000</b>		

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (specify)							
Water Utility Fund							
Sewer Utility Fund							
Drainage Utility Fund							
Street Funds							
Water Connection Fees	352,000				352,000		
REET 2							
Other (specify)							
<b>TOTAL SOURCES</b>	<b>\$352,000</b>				<b>\$352,000</b>		

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries and Benefits							
Debt Repayment							
<b>TOTAL OPERATING</b>							



## Capital Improvement Program 2008 - 2013

**Project for the                      Water                      Department                      # W5**

**PROJECT TITLE                      Meter Replacement Program**

**DESCRIPTION**                      Replace approximately 100 meters per year @ \$150/meter. We are looking to upgrade to radio read in the future.

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

**COMMENTS**

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way	0						
Building Improvements	0						
Preliminary Engineering	0						
Construction Engineering	600,000		75,000	75,000	150,000	150,000	150,000
Design Engineering	0						
Construction Costs	0						
Capital Outlay	0						
Other (Specify)	0						
<b>TOTAL COSTS</b>	<b>\$600,000</b>	<b>\$0</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (specify)	0						
Water Utility Fund	600,000		75,000	75,000	150,000	150,000	150,000
Drainage Utility Fund	0						
Street Funds	0						
Water Connection Fees	0						
REET 1	0						
REET 2	0						
Other (specify)	0						
<b>TOTAL SOURCES</b>	<b>\$600,000</b>	<b>\$0</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries and Benefits	0						
Other (specify)	0						
<b>TOTAL OPERATING</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



# Capital Improvement Program 2008 - 2013

**Project for the                      Water                      Department                      # W6**

**PROJECT TITLE                      Pacific Street Water Line Loop**

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

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

**COMMENTS**

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering	100,000					100,000	
Design Engineering	20,000					20,000	
Construction Costs							
Capital Outlay							
Contingency							
<b>TOTAL COSTS</b>	<b>\$120,000</b>					<b>\$120,000</b>	

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (specify)							
Water Utility Fund							
Sewer Utility Fund							
Drainage Utility Fund							
Street Funds							
Water Connection Fees	120,000					120,000	
REET 2							
Other (specify)							
<b>TOTAL SOURCES</b>	<b>\$120,000</b>					<b>\$120,000</b>	

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries and Benefits							
Debt Repayment							
<b>TOTAL OPERATING</b>							



## Capital Improvement Program 2008 - 2013

**Project for the                      Water                      Department                      # W7**

**PROJECT TITLE                      Public Works Yard Improvements**

**DESCRIPTION**                      Fence the Public Works Yard and improve security. Provide storm water treatment and other improvements to protect surface water. Construct materials handling site and pipe storage areas. Provide adequate screening for the neighborhood. Construct or remodel buildings to house equipment and provide 2 office work stations and file storage, small lunch room, showers and lockers.

**BACKGROUND**                      As part of the NPDES requirement the City will need to bring their own operations in line with Best Management Practices for equipment storage, washdown areas, contaminated materials storage and proper storage of hazardous materials.

**COMMENTS**

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering	50,000						50,000
Construction Costs	450,000						450,000
Capital Outlay							
Other (Specify)							
<b>TOTAL COSTS</b>	<b>\$500,000</b>						<b>\$500,000</b>

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (specify)							
Water Utility Fund	150,000						150,000
Sewer Utility Fund	150,000						150,000
Drainage Utility Fund	100,000						100,000
Street Funds	100,000						100,000
Water Connection Fees							
REET 2							
Other (specify)							
<b>TOTAL SOURCES</b>	<b>\$500,000</b>						<b>\$500,000</b>

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries and Benefits							
Other (specify)							
<b>TOTAL OPERATING</b>							





## Capital Improvement Program 2008 - 2013

### Project for the Water Department W8

#### PROJECT TITLE Palmer Coking Coal W/L Improvements

**DESCRIPTION** Replace 1000 ft. of 6 inch AC with 12 inch DI water main. Replace 230 ft. of 4 inch AC with 12 inch DI in 3rd Street north of Roberts Drive.

**BACKGROUND** This project is needed to replace AC pipe, address flow velocities that exceed 10 ft. per second, strengthen the redundant looping of the water mains to the north commercial area.

**COMMENTS**

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way	0						
Building Improvements	0						
Preliminary Engineering	0						
Construction Engineering	0						
Design Engineering	20,000						20,000
Construction Costs	177,000						177,000
Capital Outlay	0						
Other (Specify)	0						
<b>TOTAL COSTS</b>	<b>\$197,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$197,000</b>

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (specify)	0						
Water Utility Fund	97,000						97,000
Drainage Utility Fund	0						
Street Funds	0						
Water Connection Fees	100,000						100,000
REET 1	0						
REET 2	0						
Other (specify)	0						
<b>TOTAL SOURCES</b>	<b>\$197,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$197,000</b>

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries and Benefits	0						
Other (specify)	0						
<b>TOTAL OPERATING</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

# Sewer Department

## Capital Improvement Program 2008 - 2013

### Expenditure Summary by Project

Project Name	Total \$ Requested	2008	2009	2010	2011	2012	2013
S1 Preserving and Preparing the WWTP for future use	250,000	250,000	0	0	0	0	0
S2 Sewer Comprehensive Plan Supplement	80,000	0	80,000	0	0	0	0
S3 Cedarbrook Sewer Main	840,000	0	90,000	750,000	0	0	0
S4 Manhole Rehabilitation	60,000	10,000	10,000	10,000	10,000	10,000	10,000
S5 West Black Diamond Sewer Lift Station	1,600,000	0	300,000	100,000	1,200,000	0	0
S6 Infiltration and Inflow Reduction Program	260,000	10,000	50,000	50,000	50,000	50,000	50,000
S7 Morganville Sewer Lift Station Improvement	1,000,000	0	0	0	200,000	800,000	0
S8 South Black Diamond Sewer Trunk Extension	1,200,000	0	0	0	0	0	1,200,000
<b>TOTAL EXPENDITURES</b>	<b>5,290,000</b>	<b>270,000</b>	<b>530,000</b>	<b>910,000</b>	<b>1,460,000</b>	<b>860,000</b>	<b>1,260,000</b>

### Funding Sources

Project	Total \$ Project	2008	2009	2010	2011	2012	2013
<b>Sewer Utility Funding</b>							
S1 Preserving and Preparing the WWTP for future use	125,000	125,000	0	0	0	0	0
S3 Cedarbrook Sewer Main	50,000	0	15,000	35,000	0	0	0
S4 Manhole Rehabilitation	18,000	3,000	3,000	3,000	3,000	3,000	3,000
<b>Total Sewer Utility Funding</b>	<b>193,000</b>	<b>128,000</b>	<b>18,000</b>	<b>38,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>
<b>Sewer Connection Fees</b>							
S2 Preserving and Preparing the WWTP for future use	125,000	125,000	0	0	0	0	0
S3 Sewer Comprehensive Plan Supplement	80,000	0	80,000	0	0	0	0
S4 Cedarbrook Sewer Main	165,000	0	75,000	90,000	0	0	0
S5 Manhole Rehabilitation	42,000	7,000	7,000	7,000	7,000	7,000	7,000
S1 Infiltration and Inflow Reduction Program	260,000	10,000	50,000	50,000	50,000	50,000	50,000
S7 Morganville Sewer Lift Station Improvement	1,000,000	0	0	0	200,000	800,000	0
<b>Total Sewer Connection Fees</b>	<b>1,672,000</b>	<b>142,000</b>	<b>212,000</b>	<b>147,000</b>	<b>257,000</b>	<b>857,000</b>	<b>57,000</b>
<b>PW Trust Fund</b>							
S3 Cedarbrook Sewer Main	625,000	0	0	625,000	0	0	0
<b>Total PW Trust Fund</b>	<b>625,000</b>	<b>0</b>	<b>0</b>	<b>625,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Developer Funding</b>							
S6 West Black Diamond Sewer Lift Station	1,600,000	0	300,000	100,000	1,200,000	0	0
S8 South Black Diamond Sewer Trunk Extension	1,200,000	0	0	0	0	0	1,200,000
<b>Total Sewer Projects</b>	<b>5,290,000</b>	<b>270,000</b>	<b>530,000</b>	<b>910,000</b>	<b>1,460,000</b>	<b>860,000</b>	<b>1,260,000</b>



## Capital Improvement Program 2008 - 2013

### TOTAL Projects for the Sewer Department

<b>CAPITAL PROJECT COSTS BY TYPE</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way	720,000		120,000	100,000	300,000		200,000
Building Improvements							
Preliminary Engineering	80,000		80,000				
Construction Engineering	200,000		40,000	40,000	40,000	40,000	40,000
Design Engineering	530,000	10,000	280,000	10,000	110,000	10,000	110,000
Construction Costs	3,760,000	260,000	10,000	760,000	1,010,000	810,000	910,000
Capital Outlay							
Other (specify)							
<b>TOTAL COSTS</b>	<b>\$5,290,000</b>	<b>\$270,000</b>	<b>\$530,000</b>	<b>\$910,000</b>	<b>\$1,460,000</b>	<b>\$860,000</b>	<b>\$1,260,000</b>

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (specify)							
Water Utility Fund							
Sewer Utility Fund	193,000	128,000	18,000	38,000	3,000	3,000	3,000
Drainage Utility Fund							
Street Funds							
Sewer Connection Fees	1,672,000	142,000	212,000	147,000	257,000	857,000	57,000
REET 1							
REET 2							
PW Trust Fund	625,000			625,000			
Developer Funded	2,800,000		300,000	100,000	1,200,000		1,200,000
<b>TOTAL SOURCES</b>	<b>\$5,290,000</b>	<b>\$270,000</b>	<b>\$530,000</b>	<b>\$910,000</b>	<b>\$1,460,000</b>	<b>\$860,000</b>	<b>\$1,260,000</b>

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Maintenance Costs	160,000		20,000	20,000	40,000	40,000	40,000
Debt Repayment	93,470				31,260	31,160	31,050
<b>TOTAL OPERATING</b>	<b>\$253,470</b>		<b>\$20,000</b>	<b>\$20,000</b>	<b>\$71,260</b>	<b>\$71,160</b>	<b>\$71,050</b>



## Capital Improvement Program 2008 - 2013

**Project for the                      Sewer                      Department                      # S1**

**PROJECT TITLE                      Infiltration and Inflow Reduction Program**

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

**BACKGROUND**                      The City desires to preseve and recapture capacity in the sewer system by reducing and controlling peak flows that come primarily from storm and ground water getting into the system.

**COMMENTS**

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering	200,000		40,000	40,000	40,000	40,000	40,000
Design Engineering	60,000	10,000	10,000	10,000	10,000	10,000	10,000
Construction Costs							
Capital Outlay							
Other (Specify)							
<b>TOTAL COSTS</b>	<b>\$260,000</b>	<b>\$10,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (specify)							
Water Utility Fund							
Sewer Utility Fund							
Drainage Utility Fund							
Street Funds							
Sewer Connection Fees	260,000	10,000	50,000	50,000	50,000	50,000	50,000
REET 1							
REET 2							
PW Trust Fund							
Other (specify)							
<b>TOTAL SOURCES</b>	<b>\$260,000</b>	<b>\$10,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries, Benefits, Maintenance	100,000		20,000	20,000	20,000	20,000	20,000
Debt Repayment							
<b>TOTAL OPERATING</b>	<b>100,000</b>		<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>



## Capital Improvement Program 2008 - 2013

**Project for the Sewer Department # S2**

**PROJECT TITLE Preserving and Preparing the WWTP for future use**

**DESCRIPTION** Repair fencing, drain and seed the sludge with vegetation, clear encroaching brush and trees, dispose unusable materials, remove equipment to storage, repair the roof of the building, The existing inactive waste water treatment plant. Install monitoring and security equipment.

**BACKGROUND** Now that King County is treating the sewage from Black Diamond the sewage treatment lagoon site is available for treating storm water.

**COMMENTS** The waste water treatment plant site may also be a future option for a King County waster water reclamation treatment plant.

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering							
Construction Costs	250,000	250,000					
Capital Outlay							
Contingency							
<b>TOTAL COSTS</b>	<b>\$250,000</b>	<b>\$250,000</b>					

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (specify)							
Water Utility Fund							
Sewer Utility Fund	125,000	125,000					
Drainage Utility Fund							
Street Funds							
Sewer Connection Fees	125,000	125,000					
REET 1							
REET 2							
PW Trust Fund							
Other (specify)							
<b>TOTAL SOURCES</b>	<b>\$250,000</b>	<b>\$250,000</b>					

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries, Benefits and Other							
Debt Repayment							
<b>TOTAL OPERATING</b>							



## Capital Improvement Program 2008 - 2013

**Project for the                      Sewer                      Department                      # S3**

**PROJECT TITLE                      Sewer Comprehensive Plan Supplement**

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

**BACKGROUND**                      The most efficient routes of sewer service from sites that will minimize the number of sewer pump stations have not been determined and may involve acquiring easements from properties that are not owned by the major developer or the City.

**COMMENTS**                      The City is required to update the sewer comprehensive plan as needed or every six years. The last sewer comprehensive plan was completed in 2003.

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way							
Building Improvements							
Preliminary Engineering	80,000		80,000				
Construction Engineering							
Design Engineering							
Construction Costs							
Capital Outlay							
Other (Specify)							
<b>TOTAL COSTS</b>	<b>\$80,000</b>		<b>\$80,000</b>				

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (specify)							
Water Utility Fund							
Sewer Utility Fund							
Drainage Utility Fund							
Street Funds							
Sewer Connection Fees	80,000		80,000				
REET 1							
REET 2							
PW Trust Fund							
Other (specify)							
<b>TOTAL SOURCES</b>	<b>\$80,000</b>		<b>\$80,000</b>				

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries, Benefits and Other							
Debt Repayment							
<b>TOTAL OPERATING</b>							



# Capital Improvement Program 2008 - 2013

**Project for the Sewer Department # S4**

## **PROJECT TITLE Cedarbrook Sewer Main**

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

**BACKGROUND** While this project will provide future conveyance capacity for this area of the City it will also correct an informal arrangement of public sewer being served through a private sewer system.

**COMMENTS**

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way	20,000		20,000				
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering	70,000		70,000				
Construction Costs	750,000			750,000			
Capital Outlay							
Contingency							
<b>TOTAL COSTS</b>	<b>\$840,000</b>		<b>\$90,000</b>	<b>\$750,000</b>			

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (specify)							
Water Utility Fund							
Sewer Utility Fund	50,000		15,000	35,000			
Drainage Utility Fund							
Street Funds							
Sewer Connection Fees	165,000		75,000	90,000			
REET 1							
REET 2							
PW Trust Fund	625,000			625,000			
Other (specify)							
<b>TOTAL SOURCES</b>	<b>\$840,000</b>		<b>\$90,000</b>	<b>\$750,000</b>			

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries, Benefits and Other							
Debt Repayment	93,470				31,260	31,160	31,050
<b>TOTAL OPERATING</b>	<b>93,470</b>				<b>31,260</b>	<b>31,160</b>	<b>31,050</b>



## Capital Improvement Program 2008 - 2013

**Project for the Sewer Department # S5**

**PROJECT TITLE Manhole Rehabilitation**

**DESCRIPTION** Survey all manhole condition, prioritize rehabilitation work, contract lining and repairs.

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

**COMMENTS**

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way							
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering							
Construction Costs	60,000	10,000	10,000	10,000	10,000	10,000	10,000
Capital Outlay							
Other (Specify)							
<b>TOTAL COSTS</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>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (specify)							
Water Utility Fund							
Sewer Utility Fund	18,000	3,000	3,000	3,000	3,000	3,000	3,000
Drainage Utility Fund							
Street Funds							
Sewer Connection Fees	42,000	7,000	7,000	7,000	7,000	7,000	7,000
REET 1							
REET 2							
PW Trust Fund							
Other (specify)							
<b>TOTAL SOURCES</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>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries, Benefits and Other							
Debt Repayment							
<b>TOTAL OPERATING</b>							





## Capital Improvement Program 2008 - 2013

**Project for the                      Sewer                      Department                      # S6**

### **PROJECT TITLE                      West Black Diamond Sewer Lift Station**

**DESCRIPTION**                      Design and construct a Sewer Lift Station for the area west of Rock Creek and south of Soos Creek sewer service area. Phase one is site selection and design. Phase 2 is sewer lift station construction and gravity main easement procurement.

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

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

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way	400,000		100,000	100,000	200,000		
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering	200,000		200,000				
Construction Costs	1,000,000				1,000,000		
Capital Outlay							
Other (Specify)							
<b>TOTAL COSTS</b>	<b>\$1,600,000</b>		<b>\$300,000</b>	<b>\$100,000</b>	<b>\$1,200,000</b>		

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (specify)							
Water Utility Fund							
Sewer Utility Fund							
Drainage Utility Fund							
Street Funds							
Sewer Connection Fees							
REET 1							
REET 2							
PW Trust Fund							
Developer Funded	1,600,000		300,000	100,000	1,200,000		
<b>TOTAL SOURCES</b>	<b>\$1,600,000</b>		<b>\$300,000</b>	<b>\$100,000</b>	<b>\$1,200,000</b>		

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries, Benefits and Maint.	60,000				20,000	20,000	20,000
Debt Repayment							
<b>TOTAL OPERATING</b>	<b>60,000</b>				<b>20,000</b>	<b>20,000</b>	<b>20,000</b>



## Capital Improvement Program 2008 - 2013

**Project for the                      Sewer                      Department                      # S7**

**PROJECT TITLE                      Morganville Sewer Lift Station Improvement**

**DESCRIPTION**                      Reroute the force main direct to the Transmission Force Main, Increase wetwell size, Replace pumps and control panel, Install onsite back up power generator, provide odor control.

**BACKGROUND**                      Additional capacity is needed in the Morganville area for future growth. The sewer pump station equipment is reaching its usefull life and needs to be upgraded. With the additional growth other upgrades are required.

**COMMENTS**

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way	100,000				100,000		
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering	100,000				100,000		
Construction Costs	800,000					800,000	
Capital Outlay							
Other (Specify)							
<b>TOTAL COSTS</b>	<b>\$1,000,000</b>				<b>\$200,000</b>	<b>\$800,000</b>	

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (specify)							
Water Utility Fund							
Sewer Utility Fund							
Drainage Utility Fund							
Street Funds							
Sewer Connection Fees	1,000,000				200,000	800,000	
REET 1							
REET 2							
PW Trust Fund							
Other (specify)							
<b>TOTAL SOURCES</b>	<b>\$1,000,000</b>				<b>\$200,000</b>	<b>\$800,000</b>	

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries, Benefits and Other							
Debt Repayment							
<b>TOTAL OPERATING</b>							



## Capital Improvement Program 2008 - 2013

**Project for the Sewer Department # S8**

**PROJECT TITLE      South Black Diamond Sewer Trunk Extension**

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

**BACKGROUND**      The City needs to plan for sewer trunk lines that will serve the maximum area to the south and west.

**COMMENTS**      Wait for the developer to do the engineering sewer mains as developer extensions

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way	200,000						200,000
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering	100,000						100,000
Construction Costs	900,000						900,000
Capital Outlay							
Other (Specify)							
<b>TOTAL COSTS</b>	<b>\$1,200,000</b>						<b>\$1,200,000</b>

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (specify)							
Water Utility Fund							
Sewer Utility Fund							
Drainage Utility Fund							
Street Funds							
Sewer Connection Fees							
REET 1							
REET 2							
PW Trust Fund							
Developer Funded	1,200,000						1,200,000
<b>TOTAL SOURCES</b>	<b>\$1,200,000</b>						<b>\$1,200,000</b>

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries, Benefits and Other							
Debt Repayment							
<b>TOTAL OPERATING</b>							

# Storm Water Department

## Capital Improvement Program 2008 - 2013

### Expenditure Summary by Project

Project Name	Total \$						
	Requested	2008	2009	2010	2011	2012	2013
D1 Storm Water Comprehensive Plan	150,000	150,000	0	0	0	0	0
D2 Regional Storm Pond for the Old Downtown Area	650,000	50,000	0	600,000	0	0	0
D3 Lawson Creek Regional Storm Pond Phase 1	370,000	0	0	70,000	300,000	0	0
<b>TOTAL EXPENDITURES</b>	<b>1,170,000</b>	<b>200,000</b>	<b>0</b>	<b>670,000</b>	<b>300,000</b>	<b>0</b>	<b>0</b>

### Funding Sources

Project	Total \$					
	2008	2009	2010	2011	2012	2013
<b>Grant - Dept of Ecology</b>						
D1 Storm Water Comprehensive Plan	75,000	0	0	0	0	0
<b>Total Dept of Ecology Grant</b>	<b>75,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Grant - TIB</b>						
D2 Regional Storm Pond for the Old Downtown Area	0	0	100,000	0	0	0
<b>Total TIB Grant</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Sewer Utility Fund</b>						
D2 Regional Storm Pond for the Old Downtown Area	50,000	0	0	0	0	0
<b>Storm Water Utility Funding</b>						
D1 Storm Water Comprehensive Plan	75,000	0	0	0	0	0
<b>Total Storm Water Utility Funding</b>	<b>75,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Storm Water Impact Fees</b>						
D2 Regional Storm Pond for the Old Downtown Area	0	0	500,000	0	0	0
<b>Total Storm Water Impact Fees</b>	<b>0</b>	<b>0</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Developer Funded</b>						
D3 Lawson Creek Regional Storm Pond Phase 1	370,000	0	70,000	300,000	0	0
<b>Total Developer Funded</b>	<b>370,000</b>	<b>0</b>	<b>70,000</b>	<b>300,000</b>	<b>0</b>	<b>0</b>
<b>Total Storm Water Projects</b>	<b>1,170,000</b>	<b>0</b>	<b>670,000</b>	<b>300,000</b>	<b>0</b>	<b>0</b>



## Capital Improvement Program 2008 - 2013

### Storm Water Expenditure Summary - All Storm Water Projects

**CAPITAL PROJECT COSTS  
BY TYPE**

	Total \$ Requested	2008	2009	2010	2011	2012	2013
Land/Right of Way	600,000			300,000	300,000		
Building Improvements							
Preliminary Engineering	220,000	150,000		70,000			
Construction Engineering							
Design Engineering	50,000	50,000					
Construction Costs	300,000			300,000			
Capital Outlay							
Other (Specify)							
<b>TOTAL COSTS</b>	<b>\$1,170,000</b>	<b>\$200,000</b>		<b>\$670,000</b>	<b>\$300,000</b>		

**REQUESTED FUNDING**

	Total \$ Project	2008	2009	2010	2011	2012	2013
Grants (specify)	175,000	75,000		100,000			
Water Utility Fund							
Sewer Utility Fund	50,000	50,000					
Storm Water Utility Fund	75,000	75,000					
Street Funds							
Storm Water Impact Fees	500,000			500,000			
REET 1							
REET 2							
Developer Funded	370,000			70,000	300,000		
<b>TOTAL SOURCES</b>	<b>\$1,170,000</b>	<b>\$200,000</b>		<b>\$670,000</b>	<b>\$300,000</b>		

**NON CAPITAL OPERATING  
COSTS**

	Total \$ Requested	2008	2009	2010	2011	2012	2013
Salaries and Benefits							
Debt Repayment to Sewer	100,000		20,000	20,000	20,000	20,000	20,000
<b>TOTAL OPERATING</b>	<b>\$100,000</b>		<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>



## Capital Improvement Program 2008 - 2013

**Project for the Storm Water Department # D1**

### **PROJECT TITLE Storm Water Comprehensive Plan**

**DESCRIPTION** Prepare a storm water comprehensive plan that addresses the policy issues in setting up a storm water utility, meeting the requirement of the NPDES phase 2 storm water permit, adopting and storm water capital program and establish fees to fund the storm water program.

**BACKGROUND** Some storm water planning, modeling and mapping has been completed in the past at a superficial level. The phase 2 storm water permit requirements have made it necessary to establish a storm water utility to finance the storm water management program.

**COMMENTS** Use \$100,000 loan from Sewer Fund approved in 2008 to fund 2008 portion.

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way							
Building Improvements							
Preliminary Engineering	150,000	150,000					
Construction Engineering							
Design Engineering							
Construction Costs							
Capital Outlay							
Contingency							
<b>TOTAL COSTS</b>	<b>\$150,000</b>	<b>\$150,000</b>					

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (Dept of Ecology)	75,000	75,000					
Water Utility Fund							
Sewer Utility Fund							
Storm Water Utility Fund	75,000	75,000					
Street Funds							
Storm Water Impact Fees							
REET 1							
REET 2							
PW Trust Fund							
<b>TOTAL SOURCES</b>	<b>\$150,000</b>	<b>\$150,000</b>					

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries and Benefits							
Debt Repayment to Sewer	100,000		20,000	20,000	20,000	20,000	20,000
<b>TOTAL OPERATING</b>	<b>100,000</b>		<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>



## Capital Improvement Program 2008 - 2013

**Project for the                      Storm Water                      Department                      # D2**

**PROJECT TITLE                      Regional Storm Pond for the Old Downtown Area**

**DESCRIPTION**                      Locate a regional storm water pond site, acquire property, design and construct a regional storm pond to serve the old downtown area.

**BACKGROUND**                      The redevelopment of the downtown district will be very difficult and still meet the requirement for treatment and detention. Without a basin solution, redevelopment in the down town core will be difficult.

**COMMENTS**                      Storm Water solutions are also affecting the progress of the Rail Road Ave reconstruction project.

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way	300,000			300,000			
Building Improvements							
Preliminary Engineering							
Construction Engineering							
Design Engineering	50,000	50,000					
Construction Costs	300,000			300,000			
Capital Outlay							
Contingency							
<b>TOTAL COSTS</b>	<b>\$650,000</b>	<b>\$50,000</b>		<b>\$600,000</b>			

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (TIB)	100,000			100,000			
Water Utility Fund							
Sewer Utility Fund	50,000	50,000					
Storm Water Utility Fund							
Street Funds							
Storm Water Impact Fees	500,000			500,000			
REET 1							
REET 2							
PW Trust Fund							
<b>TOTAL SOURCES</b>	<b>\$650,000</b>	<b>\$50,000</b>		<b>\$600,000</b>			

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries and Benefits							
Debt Repayment							
<b>TOTAL OPERATING</b>							



## Capital Improvement Program 2008 - 2013

**Project for the                      Storm Water                      Department                      # D3**

**PROJECT TITLE                      Lawson Creek Regional Storm Pond Phase 1**

**DESCRIPTION**                      Provide additional treatment for run off from the east side of Black Diamond that currently does not have appreciable treatment or detention. Phase 1 is predesign, site selection and property acquisition.

**BACKGROUND**                      This project is primarily to protect the water quality of Jones Lake.

**COMMENTS**

<b>CAPITAL PROJECT COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Land/Right of Way	300,000				300,000		
Building Improvements							
Preliminary Engineering	70,000			70,000			
Construction Engineering							
Design Engineering							
Construction Costs							
Capital Outlay							
Other (Specify)							
<b>TOTAL COSTS</b>	<b>\$370,000</b>			<b>\$70,000</b>	<b>\$300,000</b>		

<b>REQUESTED FUNDING</b>	<b>Total \$ Project</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Grants (specify)							
Water Utility Fund							
Sewer Utility Fund							
Storm Water Utility Fund							
Street Funds							
Storm Water Impact Fees							
REET 1							
REET 2							
Developer Funded	370,000			70,000	300,000		
<b>TOTAL SOURCES</b>	<b>\$370,000</b>			<b>\$70,000</b>	<b>\$300,000</b>		

<b>NON CAPITAL OPERATING COSTS</b>	<b>Total \$ Requested</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Salaries and Benefits							
Debt Repayment							
<b>TOTAL OPERATING</b>							





# CITY OF BLACK DIAMOND

## Proposed 2008 Schedule for 2008 – 2013 Capital Improvement Plan (CIP)

	<b>Process</b>	<b>Internal Due Date</b>	<b>Workshops</b>	<b>City Council Meetings</b>
1	CIP Call letter to affected department (include goals, rules and timelines)	July 8		
2	Departments prepare detailed requests and submit to City Administration and Finance	July 22		
3	Finance prepares operating revenue sources for affected funds such as Street, Sewer, Water, Drainage and General Government	July 25		
4	Finance prepares Draft Spreadsheet combining revenues and department requests for Internal review with Administration	July 28		
5	Administration and finance meet departments to review options	July 28 and July 29		
6	Finance meets with Administration prepares draft CIP for Council workshops. Public hearing is advertised for August 21	August 11		
7	Public Works Committee Meeting: Public Works @ 5:00 pm		September 4	
8	Finance Committee Meeting: Finance, Parks and General Government		September 9	
9	All Council Study Session: CIP- Public Works		September 17	
10	All Council Study Session: Parks and General Government @ 4:00 pm		September 18	
11	Public Hearings on proposed 2008 – 2013 CIP			October 2
12	Council adopts 2008 – 2013 CIP			October 16
13	2009 CIP projects are added to 2009 Comprehensive Preliminary Budget			