

# Water and Sewer Utilities



## Capital Improvement Program

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**City of Kirkland  
2015-2020 Capital Improvement Program**

**WATER/SEWER UTILITY PROJECTS**

Funded Projects:

Project Number	Project Title	Prior Year(s)	2015	2016	2017	2018	2019	2020	2015-2020 Total	Funding Source			
										Current Revenue	Reserve	Debt	External Source
WA 0102	<i>104th Ave NE Watermain Replacement</i>						525,000	161,000	686,000	686,000			
<b>WA 0115 001</b>	<b>Water System Telemetry Upgrade</b>		200,000						200,000	200,000			
WA 0134	<i>5th Ave S / 8th St S Watermain Replacement</i>							553,000	553,000	553,000			
WA 0150	6th Street Watermain Replacement	372,500	148,000						148,000	148,000			
WA 0151	7th Avenue S Watermain Replacement	325,000	53,000						53,000	53,000			
WA 0152	4th Street Watermain Replacement		467,000						467,000	440,000	27,000		
<b>WA 0153</b>	<b>3rd Street Watermain Improvement</b>			440,000	317,000				757,000	757,000			
<b>WA 0154</b>	<b>4th Street Watermain Replacement Phase 2</b>			290,000	174,000				464,000	464,000			
<b>WA 0155</b>	<b>120th Avenue NE Watermain Improvement</b>				437,000	273,000			710,000	710,000			
<b>WA 0156</b>	<b>122nd Avenue NE Watermain Improvement</b>				505,600	190,400			696,000	696,000			
<b>WA 0157</b>	<b>8th Avenue W Watermain Improvement</b>					421,800	288,200		710,000	710,000			
<b>WA 0158</b>	<b>NE 112th Street Watermain Improvement</b>						365,000		365,000	365,000			
<b>WA 0159</b>	<b>NE 113th Place Watermain Improvement</b>					373,000			373,000	373,000			
<b>WA 0160</b>	<b>126th Avenue NE Watermain Improvement</b>							990,000	990,000	990,000			
<b>WA 0161</b>	<b>Kirkland Way Watermain Replacement</b>		90,000	310,000					400,000	310,000	90,000		
<b>WA 0162</b>	<b>LWB Watermain Replacement at Cochran Springs</b>		260,000						260,000		260,000		
<b>WA 0163</b>	<b>2nd Street South Watermain Replacement</b>		290,000						290,000		290,000		
WA 8888	<i>Annual Watermain Replacement Program</i>		359,400						359,400		359,400		
WA 9999	<i>Annual Water Pump Station/System Upgrade Pgm</i>		359,400						359,400		359,400		
SS 0051+	<i>6th Street S Sewermain Replacement</i>							884,000	884,000	884,000			
SS 0052+	<i>108th Avenue NE Sewermain Replacement</i>				865,800	2,861,800	1,624,400		5,352,000	4,652,800	699,200		
SS 0062+	<i>NE 108th Street Sewermain Replacement</i>					766,000	3,677,200	1,966,800	6,410,000	5,708,400	701,600		
SS 0069+	<i>1st Street Sewermain Replacement</i>			958,900	2,861,100				3,820,000	2,420,000	1,400,000		
SS 0070+	<i>5th Street Sewermain Replacement</i>			419,500	864,500				1,284,000	1,284,000			
SS 0071+	<i>6th Street Sewermain Replacement</i>			287,000					287,000	287,000			
SS 0072+	<i>Kirkland Avenue Sewermain Replacement</i>							850,000	850,000	850,000			
SS 0073	<i>Rose Point Sewer Lift Station Replacement</i>		1,450,000	1,110,000					2,560,000	2,560,000			
SS 0078	5th Avenue S Sewermain Replacement	188,900	38,000						38,000	38,000			
SS 0079	<i>3rd Avenue S &amp; 2nd Street S Sewermain Replacement</i>		865,400	361,600					1,227,000	1,227,000			
SS 0082+	<i>3rd &amp; Central Way Sanitary Sewer Crossing</i>			300,000					300,000	300,000			
SS 8888	<i>Annual Sanitary Pipeline Replacement Program</i>		549,400						549,400	528,800	20,600		
SS 9999	<i>Annual Sanitary Pump Station/System Upgrade Pgm</i>		549,400						549,400	528,800	20,600		
<b>Total Funded Water/Sewer Utility Projects</b>		<b>886,400</b>	<b>5,679,000</b>	<b>4,477,000</b>	<b>6,025,000</b>	<b>4,886,000</b>	<b>6,479,800</b>	<b>5,404,800</b>	<b>32,951,600</b>	<b>28,723,800</b>	<b>4,227,800</b>	<b>0</b>	<b>0</b>

Notes

*Italics = Modification in timing and/or cost (see Project Modification/Deletion Schedule for more detail)*

**Bold = New projects**

+ = Moved from unfunded status to funded status

" = Moved from funded status to unfunded status

**WATER/SEWER UTILITY PROJECTS**

**Unfunded Projects:**

<b>Project Number</b>	<b>Project Title</b>	<b>Total</b>
WA 0052	108th Avenue NE Watermain Replacement	1,584,000
WA 0057	116th Avenue NE Watermain Replacement	2,731,000
WA 0067	North Reservoir Pump Replacement	611,000
WA 0096	NE 83rd Street Watermain Replacement	450,000
WA 0097	NE 80th Street Watermain Replacement (Phase III)	1,386,000
WA 0098	126th Ave NE/NE 83rd & 84th St/128th Ave NE Watermain Replacement	1,197,000
WA 0103	NE 113th Place/106th Ave NE Watermain Replacement	841,000
WA 0104	111th Ave NE/NE 62nd St-NE 64th St Watermain Replacement	1,493,000
WA 0108	109th Ave NE/NE 58th St Watermain Replacement	504,000
WA 0109	112th Ave NE Watermain Replacement	1,179,000
WA 0111	NE 45th St And 110th/111th Ave NE Watermain Replacement	1,303,000
WA 0113	116th Ave NE/NE 70th-NE 80th St Watermain Replacement	2,222,100
WA 0118	112th -114th Avenue NE/NE 67th-68th Street Watermain Replacement	3,360,100
WA 0119	109th Ave NE/111th Way NE Watermain Replacement	2,304,000
WA 0120	111th Avenue Watermain Replacement	182,000
WA 0122	116th Avenue NE/NE 100th Street Watermain Replacement	1,506,000
WA 0123	NE 91st Street Watermain Replacement	453,000
WA 0124	NE 97th Street Watermain Replacement	685,000
WA 0126	North Reservoir Outlet Meter Addition	72,300
WA 0127	650 Booster Pump Station	1,603,000
WA 0128	106th Ave NE-110th Ave NE/NE 116th St-NE 120th St Watermain Replacement	2,305,000
WA 0129	South Reservoir Recoating	981,000
WA 0130	11th Place Watermain Replacement	339,000
WA 0131	Supply Station #1 Improvements	61,500
WA 0132	7th Avenue/Central Avenue Watermain Replacement	907,000
WA 0133	Kirkland Avenue Watermain Replacement	446,000
WA 0135	NE 75th Street Watermain Replacement	711,000
WA 0136	NE 74th Street Watermain Replacement	193,000
WA 0137	NE 73rd Street Watermain Replacement	660,000
WA 0138	NE 72nd St/130th Ave NE Watermain Replacement	1,476,000
WA 0139	6th Street S Watermain Replacement	785,000
<i>WA 0145"</i>	<i>6th Street South Watermain Replacement</i>	<i>585,100</i>
WA 0146	6th Street/Kirkland Way Watermain Replacement	693,000
WA 0147	106th Avenue NE Watermain Replacement	661,500
<b>WA 0149</b>	<b>Lake Washington Blvd Watermain Replacement</b>	<b>655,000</b>
SS 0068	124th Avenue NE Sewermain Replacement	1,315,000
SS 0077	West Of Market Sewermain Replacement	21,681,000
<i>SS 0080"</i>	<i>20th Avenue Sewermain Replacement"</i>	<i>812,000</i>
<b>SS 0083</b>	<b>111th Avenue NE Sewer Main Rehabilitation</b>	<b>725,000</b>
<b>SS 0084</b>	<b>Reclaimed Water (Purple Pipe) Opportunity Fund</b>	<b>5,000,000</b>
<b>Subtotal Unfunded Water/Sewer Utility Projects</b>		<b>66,658,600</b>
<b>Funding Available from Annual Programs for Candidate Projects</b>		<b>1,817,600</b>
<b>Net Unfunded Water/Sewer Utility Projects</b>		<b>64,841,000</b>

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Notes

*Italics = Modification in timing and/or cost*

**Bold = New projects**

+ = Moved from unfunded status to funded status

" = Moved from funded status to unfunded status

Funded  
Water/Sewer Utility Projects



**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0102 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	104TH AVE NE WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	NE 108th Street to NE 113th Street	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		2019	Modified Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Replacement of approximately 1,600 feet of 4-inch asbestos concrete line with new 8-inch ductile iron pipe on 104th Avenue NE between NE 110th Street and NE 113th Street. Cost includes half-street overlay.			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			
Project start date moved from 2017 as per Comprehensive Water Plan priorities - total project cost changed from \$974,000 to \$686,000 based on modified scope and updated construction cost estimate.			

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Water Comprehensive Plan	Current Revenue 100 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 0 %

<b>CAPITAL COSTS</b>	Prior Year(s)	2015	2016	2017	2018	2019	2020	<b>2015-2020 TOTAL</b>	Future Year(s)	<b>Total Project</b>
Planning/Design/Engineering	0	0	0	0	0	78,000	24,000	102,000	0	102,000
In-House Professional Svcs.	0	0	0	0	0	37,000	12,000	49,000	0	49,000
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	410,000	125,000	535,000	0	535,000
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	0	0	0	0	0	525,000	161,000	686,000	0	686,000
<b>NEW MAINT. AND OPER.</b>	0	0	0	0	0	0	0	0	0	0
<b>NEW FTE</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0102 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	104TH AVE NE WATERMAIN REPLACEMENT
<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Minor disruption to local traffic and pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system and a reduction in potential for property damage claims.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>South Juanita</i> Is there a specific reference to this project or land use in the immediate vicinity? How does the project conform to such references? Attachment <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 30% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0115 001</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	WATER SYSTEM TELEMTRY UPGRADE		
<b>PROJECT LOCATION</b>	City-wide	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		2015	New Project

**DESCRIPTION/JUSTIFICATION**

The final phase for replacement of the remaining Rugid (brand name) telemetry system elements -- a system that currently operates over a phone line. The new system will be a frame relay Supervisory Control and Data Acquisition (SCADA) system. The new frame relay systems have been proven to be more reliable than phone line systems, providing better service.

**REASON FOR MODIFICATION (WHERE APPLICABLE)**

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<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Water Comprehensive Plan	Current Revenue 100 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 0 %
<b>COUNCIL GOALS</b>	
Dependable Infrastructure	

<b>CAPITAL COSTS</b>	Prior Year(s)	2015	2016	2017	2018	2019	2020	<b>2015-2020 TOTAL</b>	Future Year(s)	<b>Total Project</b>
Planning/Design/Engineering	0	30,000	0	0	0	0	0	30,000	0	30,000
In-House Professional Svcs.	0	14,000	0	0	0	0	0	14,000	0	14,000
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	156,000	0	0	0	0	0	156,000	0	156,000
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	0	200,000	0	0	0	0	0	200,000	0	200,000
<b>NEW MAINT. AND OPER.</b>	0	0	0	0	0	0	0	0	0	0
<b>NEW FTE</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0115 001</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	WATER SYSTEM TELEMETRY UPGRADE
<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>None - localized network software and hardware upgrades.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased responsiveness.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system infrastructure consistent with the 2014 Water Comprehensive Plan.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water system monitoring.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Operating a monitoring system that is nearing obsolescence and soon to be unsupported through software upgrades.</i>
<b>CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>City-wide</i> Is there a specific reference to this project or land use in the immediate vicinity? How does the project conform to such references? Attachment <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input checked="" type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input type="checkbox"/> Project provides new capacity. Amount of new capacity provided: <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0134 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	5TH AVENUE S/8TH STREET S WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	5th Ave from 6th Street S to 8th Street S/8th St from 5th Avenue S to Kirkland Avenue	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		2020	Modified Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Replacement of approximately 2,170 feet of 6-inch asbestos concrete with new 16-inch ductile iron pipe along 5th Avenue S, between 6th Street S and 8th Street S and on 8th Street S, between 5th Avenue S and Kirkland Avenue.			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			
Project start date moved from 2018 as per Comprehensive Water Plan priorities - total project cost changed from \$850,000 to \$553,000 based on modified scope and updated construction cost estimate.			

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Water Comprehensive Plan	Current Revenue 100 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 0 %

<b>CAPITAL COSTS</b>	Prior Year(s)	2015	2016	2017	2018	2019	2020	<b>2015-2020 TOTAL</b>	Future Year(s)	<b>Total Project</b>
Planning/Design/Engineering	0	0	0	0	0	0	82,000	82,000	0	82,000
In-House Professional Svcs.	0	0	0	0	0	0	39,000	39,000	0	39,000
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	432,000	432,000	0	432,000
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	0	0	0	0	0	0	553,000	553,000	0	553,000
<b>NEW MAINT. AND OPER.</b>	0	0	0	0	0	0	0	0	0	0
<b>NEW FTE</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0134 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	5TH AVENUE S/8TH STREET S WATERMAIN REPLACEMENT
<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Minor disruption to local traffic and pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system and a reduction in potential for property damage claims.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>To be determined.</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Everest</i> Is there a specific reference to this project or land use in the immediate vicinity? How does the project conform to such references? Attachment <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 30% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0150 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	6TH STREET WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	6th Street between Central Way and Kirkland Ave	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		2014	Existing Project

DESCRIPTION/JUSTIFICATION	
Replacement of approximately 1,210 feet of undersized 8-inch diameter asbestos cement and cast iron water main originally installed in the 1960's with 8 and 12-inch ductile iron water main. The proposed improvements include: 12-inch water main in 6th Street between Central Way and Kirkland Way; and 8-inch water main in 6th Street between Kirkland Way and Kirkland Ave.	

REASON FOR MODIFICATION (WHERE APPLICABLE)	

POLICY BASIS	PRIOR YEAR(S) BUDGET TO ACTUALS	METHOD OF FINANCING (%)	
Water Comprehensive Plan		Current Revenue	100 %
		Reserve	0 %
		Grants	0 %
		Other Sources	0 %
		Debt	0 %
		Unfunded	0 %
COUNCIL GOALS			
Dependable Infrastructure	Budget \$372,600 Actual \$70,698 Balance \$301,902		

CAPITAL COSTS	Prior Year(s)	2015	2016	2017	2018	2019	2020	2015-2020 TOTAL	Future Year(s)	Total Project
Planning/Design/Engineering	70,300	22,000	0	0	0	0	0	22,000	0	92,300
In-House Professional Svcs.	37,200	11,000	0	0	0	0	0	11,000	0	48,200
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	265,000	115,000	0	0	0	0	0	115,000	0	380,000
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>372,500</b>	<b>148,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>148,000</b>	<b>0</b>	<b>520,500</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0150 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	6TH STREET WATERMAIN REPLACEMENT
<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Significant disruption to local traffic and minor disruption to pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Moss Bay</i> Is there a specific reference to this project or land use in the immediate vicinity? How does the project conform to such references? Attachment <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 20% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0151 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	7TH AVENUE SOUTH WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	7th Avenue South from State Street to 5th Place South	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		2014	Existing Project

DESCRIPTION/JUSTIFICATION	
Replace 900 feet of 10-inch asbestos concrete watermain with 12-inch ductile iron main.	

REASON FOR MODIFICATION (WHERE APPLICABLE)	

POLICY BASIS	PRIOR YEAR(S) BUDGET TO ACTUALS	METHOD OF FINANCING (%)	
Water Comprehensive Plan	Budget \$325,050	Current Revenue	100 %
	Actual \$160,525	Reserve	0 %
COUNCIL GOALS Dependable Infrastructure	Balance \$164,525	Grants	0 %
		Other Sources	0 %
		Debt	0 %
		Unfunded	0 %

CAPITAL COSTS	Prior Year(s)	2015	2016	2017	2018	2019	2020	2015-2020 TOTAL	Future Year(s)	Total Project
Planning/Design/Engineering	45,900	8,000	0	0	0	0	0	8,000	0	53,900
In-House Professional Svcs.	21,600	4,000	0	0	0	0	0	4,000	0	25,600
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	257,500	41,000	0	0	0	0	0	41,000	0	298,500
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>325,000</b>	<b>53,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>53,000</b>	<b>0</b>	<b>378,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0151 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	7TH AVENUE SOUTH WATERMAIN REPLACEMENT
<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Significant disruption to local traffic and minor disruption to pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Moss Bay</i> Is there a specific reference to this project or land use in the immediate vicinity? How does the project conform to such references? Attachment <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 15% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0152 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	4TH STREET WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	4th Street from 15th Avenue to 18th Avenue	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		2015	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>			
<p>Replace 890 feet of existing 6-inch diameter asbestos-cement water main with 8-inch diameter ductile iron pipe, on 4th Street between the limits of 15th Avenue and 18th Avenue. Replace water hydrants, valves, and other related appurtenances within the alignment. The existing main, constructed in 1949, has exceeded its design service life and has experienced multiple failures in recent years. The existing pipe is also undersized as identified by the 2014 Water System Comprehensive Plan.</p>			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Water Comprehensive Plan	Current Revenue 100 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 0 %

<b>CAPITAL COSTS</b>	Prior Year(s)	2015	2016	2017	2018	2019	2020	<b>2015-2020 TOTAL</b>	Future Year(s)	<b>Total Project</b>
Planning/Design/Engineering	0	70,000	0	0	0	0	0	70,000	0	70,000
In-House Professional Svcs.	0	33,000	0	0	0	0	0	33,000	0	33,000
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	364,000	0	0	0	0	0	364,000	0	364,000
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	0	467,000	0	0	0	0	0	467,000	0	467,000
<b>NEW MAINT. AND OPER.</b>	0	0	0	0	0	0	0	0	0	0
<b>NEW FTE</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0152 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	4TH STREET WATERMAIN REPLACEMENT
<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Significant disruption to local traffic and minor disruption to pedestrian access is expected during construction. Some traffic modifications expected during construction.</i>
Community economic impacts	<i>Reduce potential for water service disruption to the community due to main failure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>The existing main has experienced multiple failures in recent years.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction. Project is feasible and will require moderate permitting.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed in accordance with Local, State, and Federal laws and standards.</i>
Responds to state and/or federal mandate	N/A
Benefits to other capital projects	N/A
Implications of deferring the project	<i>Increase the potential for additional main failures and disruption to water service.</i>
<b>CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Norkirk</i> Is there a specific reference to this project or land use in the immediate vicinity? How does the project conform to such references? Attachment <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 20% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0153 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	3RD STREET WATERMAIN IMPROVEMENT		
<b>PROJECT LOCATION</b>	3rd Street from Central to 10th Avenue	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		2016	New Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Replace approximately 875 feet of 8-inch asbestos concrete watermain with 8-inch ductile iron watermain, and approximately 1,150 feet of 6-inch asbestos concrete watermain with 12-inch ductile iron watermain.			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Water Comprehensive Plan	Current Revenue 100 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 0 %

<b>CAPITAL COSTS</b>	Prior Year(s)	2015	2016	2017	2018	2019	2020	<b>2015-2020 TOTAL</b>	Future Year(s)	<b>Total Project</b>
Planning/Design/Engineering	0	0	65,000	47,000	0	0	0	112,000	0	112,000
In-House Professional Svcs.	0	0	31,000	22,000	0	0	0	53,000	0	53,000
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	0	344,000	248,000	0	0	0	592,000	0	592,000
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	0	0	440,000	317,000	0	0	0	757,000	0	757,000
<b>NEW MAINT. AND OPER.</b>	0	0	0	0	0	0	0	0	0	0
<b>NEW FTE</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0153 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	3RD STREET WATERMAIN IMPROVEMENT
<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Significant disruption to local traffic and minor disruption to pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Projects will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Increase the potential for additional main failures and disruption to water service.</i>
<b>CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Norkirk</i> Is there a specific reference to this project or land use in the immediate vicinity? How does the project conform to such references? Attachment <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 20% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0154 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	4TH STREET WATERMAIN REPLACEMENT PHASE 2		
<b>PROJECT LOCATION</b>	4th Street from 18th Avenue to 20th Avenue	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		2016	New Project

DESCRIPTION/JUSTIFICATION	
Replace approximately 1,300 feet of 4 and 6-inch asbestos concrete watermain with new 8-inch ductile iron watermain.	

REASON FOR MODIFICATION (WHERE APPLICABLE)	

POLICY BASIS	METHOD OF FINANCING (%)
Water Comprehensive Plan	Current Revenue 100 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 0 %

CAPITAL COSTS	Prior Year(s)	2015-2020							2015-2020 TOTAL	Future Year(s)	Total Project
		2015	2016	2017	2018	2019	2020				
Planning/Design/Engineering	0	0	43,000	26,000	0	0	0	69,000	0	69,000	
In-House Professional Svcs.	0	0	20,000	12,000	0	0	0	32,000	0	32,000	
Land Acquisition	0	0	0	0	0	0	0	0	0	0	
Construction	0	0	227,000	136,000	0	0	0	363,000	0	363,000	
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0	
Equipment	0	0	0	0	0	0	0	0	0	0	
Other Services	0	0	0	0	0	0	0	0	0	0	
<b>Total</b>	0	0	290,000	174,000	0	0	0	464,000	0	464,000	
<b>NEW MAINT. AND OPER.</b>	0	0	0	0	0	0	0	0	0	0	
<b>NEW FTE</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0154 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	4TH STREET WATERMAIN REPLACEMENT PHASE 2
<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Significant disruption to local traffic and minor disruption to pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Projects will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Increase the potential for additional main failures and disruption to water service.</i>
<b>CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Norkirk</i> Is there a specific reference to this project or land use in the immediate vicinity? How does the project conform to such references? Attachment <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 20% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0155 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	120TH AVENUE NE WATERMAIN IMPROVEMENT		
<b>PROJECT LOCATION</b>	120th Avenue from NE 80th Street to NE 85th Street	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		2017	New Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Replace approximately 600 feet of 8-inch ductile iron watermain and 750 feet of 6-inch asbestos concrete watermain with 1,350 feet of 20-inch ductile Iron watermain; also replace 200 feet of galvanized pipe with 200 feet of 16-inch ductile iron watermain.			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Water Comprehensive Plan	Current Revenue 100 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 0 %

<b>CAPITAL COSTS</b>	Prior Year(s)	2015	2016	2017	2018	2019	2020	<b>2015-2020 TOTAL</b>	Future Year(s)	<b>Total Project</b>
Planning/Design/Engineering	0	0	0	65,000	41,000	0	0	106,000	0	106,000
In-House Professional Svcs.	0	0	0	31,000	19,000	0	0	50,000	0	50,000
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	341,000	213,000	0	0	554,000	0	554,000
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	0	0	0	437,000	273,000	0	0	710,000	0	710,000
<b>NEW MAINT. AND OPER.</b>	0	0	0	0	0	0	0	0	0	0
<b>NEW FTE</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0155 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	120TH AVENUE NE WATERMAIN IMPROVEMENT
<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Significant disruption to local traffic and minor disruption to pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Projects will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Increase the potential for additional main failures and disruption to water service.</i>
<b>CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>South Rose Hill</i> Is there a specific reference to this project or land use in the immediate vicinity? How does the project conform to such references? Attachment <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 30% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0156 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	122ND AVENUE NE WATERMAIN IMPROVEMENT		
<b>PROJECT LOCATION</b>	120th Avenue from NE 80th Street to NE 85th Street	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		2017	New Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Replace approximately 600 feet of 8-inch ductile iron pipe with 16-inch ductile iron watermain; also replace 1,100 feet of 6-inch asbestos concrete pipe with 12-inch ductile iron watermain.			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Water Comprehensive Plan	Current Revenue 100 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 0 %

<b>CAPITAL COSTS</b>	Prior Year(s)	2015	2016	2017	2018	2019	2020	<b>2015-2020 TOTAL</b>	Future Year(s)	<b>Total Project</b>
Planning/Design/Engineering	0	0	0	75,000	29,000	0	0	104,000	0	104,000
In-House Professional Svcs.	0	0	0	35,000	14,000	0	0	49,000	0	49,000
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	395,600	147,400	0	0	543,000	0	543,000
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	0	0	0	505,600	190,400	0	0	696,000	0	696,000
<b>NEW MAINT. AND OPER.</b>	0	0	0	0	0	0	0	0	0	0
<b>NEW FTE</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0156 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	122ND AVENUE NE WATERMAIN IMPROVEMENT
<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Significant disruption to local traffic and minor disruption to pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Projects will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Increase the potential for additional main failures and disruption to water service.</i>
<b>CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>South Rose Hill</i> Is there a specific reference to this project or land use in the immediate vicinity? How does the project conform to such references? Attachment <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 30% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0157 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	8TH AVENUE WEST WATERMAIN IMPROVEMENT		
<b>PROJECT LOCATION</b>	8th Avenue West from 5th Street to Market Street	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		2018	New Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Replace approximately 1,900 feet of 4-inch cast Iron pipe with 8-inch ductile iron watermain.			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Water Comprehensive Plan	Current Revenue 100 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 0 %

<b>CAPITAL COSTS</b>	Prior Year(s)	2015	2016	2017	2018	2019	2020	<b>2015-2020 TOTAL</b>	Future Year(s)	<b>Total Project</b>
Planning/Design/Engineering	0	0	0	0	63,000	43,000	0	106,000	0	106,000
In-House Professional Svcs.	0	0	0	0	30,000	20,000	0	50,000	0	50,000
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	328,800	225,200	0	554,000	0	554,000
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	0	0	0	0	421,800	288,200	0	710,000	0	710,000
<b>NEW MAINT. AND OPER.</b>	0	0	0	0	0	0	0	0	0	0
<b>NEW FTE</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0157 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	8TH AVENUE WEST WATERMAIN IMPROVEMENT
<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Significant disruption to local traffic and minor disruption to pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Projects will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Increase the potential for additional main failures and disruption to water service.</i>
<b>CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Market</i> Is there a specific reference to this project or land use in the immediate vicinity? How does the project conform to such references? Attachment <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 30% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0158 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	NE 112TH STREET WATERMAIN IMPROVEMENT		
<b>PROJECT LOCATION</b>	NE 112th Street from 104th Ave NE to 106th Ave NE	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		2019	New Project

DESCRIPTION/JUSTIFICATION	
Replace approximately 820 feet of 6-inch asbestos concrete pipe with 820 feet of 8-inch ductile iron watermain.	

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	METHOD OF FINANCING (%)
Water Comprehensive Plan	Current Revenue 100 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 0 %

CAPITAL COSTS	Prior Year(s)	2015-2020							2015-2020 TOTAL	Future Year(s)	Total Project
		2015	2016	2017	2018	2019	2020				
Planning/Design/Engineering	0	0	0	0	0	54,000	0	54,000	0	54,000	
In-House Professional Svcs.	0	0	0	0	0	26,000	0	26,000	0	26,000	
Land Acquisition	0	0	0	0	0	0	0	0	0	0	
Construction	0	0	0	0	0	285,000	0	285,000	0	285,000	
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0	
Equipment	0	0	0	0	0	0	0	0	0	0	
Other Services	0	0	0	0	0	0	0	0	0	0	
<b>Total</b>	0	0	0	0	0	365,000	0	365,000	0	365,000	
<b>NEW MAINT. AND OPER.</b>	0	0	0	0	0	0	0	0	0	0	
<b>NEW FTE</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0158 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	NE 112TH STREET WATERMAIN IMPROVEMENT
<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Significant disruption to local traffic and minor disruption to pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Projects will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Increase the potential for additional main failures and disruption to water service.</i>
<b>CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>South Juanita</i> Is there a specific reference to this project or land use in the immediate vicinity? How does the project conform to such references? Attachment <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 15% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0159 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	NE 113TH PLACE WATERMAIN IMPROVEMENT		
<b>PROJECT LOCATION</b>	NE 113th Place from 104th Ave NE to 106th Ave NE	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		2018	New Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Replace approximately 900 feet of 4-inch asbestos concrete pipe, with 900 feet of 8-inch ductile iron watermain.			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Water Comprehensive Plan	Current Revenue 100 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 0 %

<b>CAPITAL COSTS</b>	Prior Year(s)	2015	2016	2017	2018	2019	2020	<b>2015-2020 TOTAL</b>	Future Year(s)	<b>Total Project</b>
Planning/Design/Engineering	0	0	0	0	56,000	0	0	56,000	0	56,000
In-House Professional Svcs.	0	0	0	0	26,000	0	0	26,000	0	26,000
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	291,000	0	0	291,000	0	291,000
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	0	0	0	0	373,000	0	0	373,000	0	373,000
<b>NEW MAINT. AND OPER.</b>	0	0	0	0	0	0	0	0	0	0
<b>NEW FTE</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0159 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	NE 113TH PLACE WATERMAIN IMPROVEMENT
<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Significant disruption to local traffic and minor disruption to pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Projects will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Increase the potential for additional main failures and disruption to water service.</i>
<b>CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>South Juanita</i> Is there a specific reference to this project or land use in the immediate vicinity? How does the project conform to such references? Attachment <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 30% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0160 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	126TH AVENUE NE WATERMAIN IMPROVEMENT		
<b>PROJECT LOCATION</b>	126th Ave NE from NE 70th Street to NE 80th Street	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		2020	New Project

<b>DESCRIPTION/JUSTIFICATION</b>	
Replace approximately 2,600 feet of 8-inch asbestos concrete pipe with 2,600 feet of 8-inch ductile iron watermain.	

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Water Comprehensive Plan	Current Revenue 100 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 0 %

<b>CAPITAL COSTS</b>	Prior Year(s)	2015	2016	2017	2018	2019	2020	<b>2015-2020 TOTAL</b>	Future Year(s)	<b>Total Project</b>
Planning/Design/Engineering	0	0	0	0	0	0	147,000	147,000	0	147,000
In-House Professional Svcs.	0	0	0	0	0	0	69,000	69,000	0	69,000
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	774,000	774,000	0	774,000
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	0	0	0	0	0	0	990,000	990,000	0	990,000
<b>NEW MAINT. AND OPER.</b>	0	0	0	0	0	0	0	0	0	0
<b>NEW FTE</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0160 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	126TH AVENUE NE WATERMAIN IMPROVEMENT
<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Significant disruption to local traffic and minor disruption to pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Projects will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Increase the potential for additional main failures and disruption to water service.</i>
<b>CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>South Rose Hill</i> Is there a specific reference to this project or land use in the immediate vicinity? How does the project conform to such references? Attachment <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input checked="" type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input type="checkbox"/> Project provides new capacity. Amount of new capacity provided: <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0161 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	KIRKLAND WAY WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	Kirkland Way from approximately 170 feet north of Park Place Center to 570 Kirkland Avenue; and across an existing easement at 439	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		2015	New Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Replacement of approximately 800 feet of 8-inch and 10-inch asbestos concrete pipe with new 12-inch ductile iron pipe.			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Water Comprehensive Plan	Current Revenue 77 %
	Reserve (\$90,000) 23 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 0 %

<b>CAPITAL COSTS</b>	Prior Year(s)	2015	2016	2017	2018	2019	2020	<b>2015-2020 TOTAL</b>	Future Year(s)	<b>Total Project</b>
Planning/Design/Engineering	0	20,000	46,000	0	0	0	0	66,000	0	66,000
In-House Professional Svcs.	0	10,000	22,000	0	0	0	0	32,000	0	32,000
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	60,000	242,000	0	0	0	0	302,000	0	302,000
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	0	90,000	310,000	0	0	0	0	400,000	0	400,000
<b>NEW MAINT. AND OPER.</b>	0	0	0	0	0	0	0	0	0	0
<b>NEW FTE</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0161 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	KIRKLAND WAY WATERMAIN REPLACEMENT
<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Significant disruption to local traffic and minor disruption to pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Projects will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Increase the potential for additional main failures and disruption to water service.</i>
<b>CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Moss Bay</i> Is there a specific reference to this project or land use in the immediate vicinity? How does the project conform to such references? Attachment <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 20% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0162 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	LWB WATERMAIN REPLACEMENT AT COCHRAN SPRINGS		
<b>PROJECT LOCATION</b>	Lake Washington Boulevard (LWB) at Cochran Springs Creek	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		2015	New Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Two city water mains: an 8-inch water main and 12-inch water main will be relocated (much deeper) prior to the installation of a new concrete box culvert to convey Cochran Springs Creek across Lake Washington Boulevard (surface water project CSD 0048).			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>	
Water Comprehensive Plan	Current Revenue	0 %
	Reserve (\$260,000)	100 %
	Grants	0 %
	Other Sources	0 %
	Debt	0 %
	Unfunded	0 %

<b>CAPITAL COSTS</b>	Prior Year(s)	2015	2016	2017	2018	2019	2020	<b>2015-2020 TOTAL</b>	Future Year(s)	<b>Total Project</b>
Planning/Design/Engineering	0	39,000	0	0	0	0	0	39,000	0	39,000
In-House Professional Svcs.	0	18,000	0	0	0	0	0	18,000	0	18,000
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	203,000	0	0	0	0	0	203,000	0	203,000
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	0	260,000	0	0	0	0	0	260,000	0	260,000
<b>NEW MAINT. AND OPER.</b>	0	0	0	0	0	0	0	0	0	0
<b>NEW FTE</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0162 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	LWB WATERMAIN REPLACEMENT AT COCHRAN SPRINGS
<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Each water main relocation will close one lane of traffic on Lake Washington Boulevard. Each relocation will take approximately 3 weeks, for a total of 6 week impact.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Projects will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>Yes, CSD 0048.</i>
Implications of deferring the project	<i>Will likely cause delays to CSD 0048.</i>
<b>CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Lakeview</i> Is there a specific reference to this project or land use in the immediate vicinity? How does the project conform to such references? Attachment <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input checked="" type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 20% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0163 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	2ND STREET SOUTH WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	2nd Street S from 2nd Avenue S to 3rd Street S	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		2015	New Project

DESCRIPTION/JUSTIFICATION	
Replacement of approximately 400 feet of 8-inch asbestos concrete pipe with new 8-inch ductile iron pipe.	

REASON FOR MODIFICATION (WHERE APPLICABLE)	

POLICY BASIS	METHOD OF FINANCING (%)
Water Comprehensive Plan	Current Revenue 0 %
	Reserve (\$290,000) 100 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 0 %

CAPITAL COSTS	Prior Year(s)	2015-2020							2015-2020 TOTAL	Future Year(s)	Total Project
		2015	2016	2017	2018	2019	2020				
Planning/Design/Engineering	0	47,000	0	0	0	0	0	47,000	0	47,000	
In-House Professional Svcs.	0	22,000	0	0	0	0	0	22,000	0	22,000	
Land Acquisition	0	0	0	0	0	0	0	0	0	0	
Construction	0	221,000	0	0	0	0	0	221,000	0	221,000	
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0	
Equipment	0	0	0	0	0	0	0	0	0	0	
Other Services	0	0	0	0	0	0	0	0	0	0	
<b>Total</b>	0	290,000	0	0	0	0	0	290,000	0	290,000	
<b>NEW MAINT. AND OPER.</b>	0	0	0	0	0	0	0	0	0	0	
<b>NEW FTE</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0163 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	2ND STREET SOUTH WATERMAIN REPLACEMENT
<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Significant disruption to local traffic and minor disruption to pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Projects will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Increase the potential for additional main failures and disruption to water service.</i>
<b>CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Moss Bay, Everest</i> Is there a specific reference to this project or land use in the immediate vicinity? How does the project conform to such references? Attachment <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 20% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 8888 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	ANNUAL WATERMAIN REPLACEMENT PROGRAM		
<b>PROJECT LOCATION</b>	City-wide	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Ongoing	Modified Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Replacement of existing watermain and water system appurtenances as required to complete the prioritized watermain projects list contained within the Water Comprehensive Plan Update. Candidate projects under this Annual Program include: WA 0103 - NE 113th Place/106th Ave NE Watermain Replacement, WA 0118 - 112th Avenue NE 114th Avenue NE Watermain Replacement, WA 0120 - 111th Avenue Watermain Replacement, WA 0124 - NE 97th Street Watermain Replacement, WA 0130 - 11th Place Watermain Replacement, WA 0136 - NE 74th Street Watermain Replacement and WA 0137 - NE 73rd Street Watermain Replacement, WA 0146 - 6th Street/Kirkland Way Watermain Replacement, WA 0147 - 106th Avenue NE Watermain Replacement.			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			
Total project cost changed from \$964,800 to \$359,400, which reflects available remaining funds after funded projects have been identified.			

<b>POLICY BASIS</b>		<b>METHOD OF FINANCING (%)</b>	
Water Comprehensive Plan		Current Revenue	0 %
		Reserve (\$359,400)	100 %
		Grants	0 %
		Other Sources	0 %
		Debt	0 %
		Unfunded	0 %

<b>CAPITAL COSTS</b>	Prior Year(s)	2015	2016	2017	2018	2019	2020	<b>2015-2020 TOTAL</b>	Future Year(s)	<b>Total Project</b>
Planning/Design/Engineering	0	58,000	0	0	0	0	0	58,000	0	58,000
In-House Professional Svcs.	0	27,000	0	0	0	0	0	27,000	0	27,000
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	274,400	0	0	0	0	0	274,400	0	274,400
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	0	359,400	0	0	0	0	0	359,400	0	359,400
<b>NEW MAINT. AND OPER.</b>	0	0	0	0	0	0	0	0	0	0
<b>NEW FTE</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 8888 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	ANNUAL WATERMAIN REPLACEMENT PROGRAM
<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Significant disruption to local traffic and minor disruption to pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Represents a replacement of a portion of the water system and a reduction in potential for property damage claims.</i>
Feasibility, including public support and project readiness	<i>Projects represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Projects will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>City-wide</i> Is there a specific reference to this project or land use in the immediate vicinity? <i>No</i> How does the project conform to such references? <i>No</i> Attachment <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input checked="" type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input type="checkbox"/> Project provides new capacity. Amount of new capacity provided: <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 9999 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	ANNUAL WATER PUMP STATION/SYSTEM UPGRADE PROGRAM		
<b>PROJECT LOCATION</b>	City-wide	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Ongoing	Modified Project

**DESCRIPTION/JUSTIFICATION**

The replacement of existing water system appurtenances as required to complete the prioritized system upgrades list contained within the Water Comprehensive Plan Update. Candidate projects under this Annual Program include: WA 0067 - North Reservoir Pump Station Replacement, WA 0126 - North Reservoir Outlet Meter Addition, WA 0127 - 650 Booster Pump Station and WA 0131 - Supply Station #1 Improvements.

**REASON FOR MODIFICATION (WHERE APPLICABLE)**

Total project cost changed from \$964,800 to \$345,400, which reflects available remaining funds after funded projects have been identified.

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Water Comprehensive Plan	Current Revenue 94 %
	Reserve (\$20,600) 6 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 0 %
<b>COUNCIL GOALS</b>	
Dependable Infrastructure	

<b>CAPITAL COSTS</b>	Prior Year(s)	2015	2016	2017	2018	2019	2020	<b>2015-2020 TOTAL</b>	Future Year(s)	<b>Total Project</b>
Planning/Design/Engineering	0	58,000	0	0	0	0	0	58,000	0	58,000
In-House Professional Svcs.	0	27,000	0	0	0	0	0	27,000	0	27,000
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	274,400	0	0	0	0	0	274,400	0	274,400
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	0	359,400	0	0	0	0	0	359,400	0	359,400
<b>NEW MAINT. AND OPER.</b>	0	0	0	0	0	0	0	0	0	0
<b>NEW FTE</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 9999 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	ANNUAL WATER PUMP STATION/SYSTEM UPGRADE PROGRAM
<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Minor disruption to local traffic and pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Represents a replacement of a portion of the water system and a reduction in potential for property damage claims.</i>
Feasibility, including public support and project readiness	<i>Projects represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Projects will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>City-wide</i> Is there a specific reference to this project or land use in the immediate vicinity? <i>No</i> How does the project conform to such references? <i>No</i> Attachment <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input checked="" type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input type="checkbox"/> Project provides new capacity. Amount of new capacity provided: <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 0051 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	6TH STREET SOUTH SEWERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	NE 68th Street to approximately 8th Avenue South	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		2020	Modified Project

<b>DESCRIPTION/JUSTIFICATION</b>			
<p>Preliminary design will examine feasibility of slip lining the existing sewer line or the need to replace the existing 10-inch concrete sewer line from NE 68th Street to approximately 8th Avenue South, with approximately 950 feet of 12-inch to 15-inch polyvinyl chloride (PVC) pipe. Capacity issues with this sewer line that were identified in the 1992 Sewer Comprehensive Plan were alleviated with the installation of a new sewer main in NE 68th Street between 6th Street S/108th Avenue NE and Cross Kirkland Corridor in 1997.</p>			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			
<p>Moved from Unfunded; project costs changed from \$804,000 to \$1,313,100 due to updated cost estimate; inflated with a start date in 2020.</p>			

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>	
Sewer Comprehensive Plan	Current Revenue	100 %
	Reserve	0 %
	Grants	0 %
	Other Sources	0 %
	Debt	0 %
	Unfunded	0 %

<b>CAPITAL COSTS</b>	Prior Year(s)								<b>2015-2020 TOTAL</b>	Future Year(s)	<b>Total Project</b>
		2015	2016	2017	2018	2019	2020				
Planning/Design/Engineering	0	0	0	0	0	0	131,000	131,000	64,000	195,000	
In-House Professional Svcs.	0	0	0	0	0	0	61,000	61,000	30,000	91,000	
Land Acquisition	0	0	0	0	0	0	0	0	0	0	
Construction	0	0	0	0	0	0	692,000	692,000	335,100	1,027,100	
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0	
Equipment	0	0	0	0	0	0	0	0	0	0	
Other Services	0	0	0	0	0	0	0	0	0	0	
<b>Total</b>	0	0	0	0	0	0	884,000	884,000	429,100	1,313,100	
<b>NEW MAINT. AND OPER.</b>	0	0	0	0	0	0	0	0	0	0	
<b>NEW FTE</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 0051 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	6TH STREET SOUTH SEWERMAIN REPLACEMENT
<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>During construction, traffic control will be required on 6th Street; local businesses near construction area can anticipate noise and congestion during construction.</i>
Community economic impacts	<i>Will reduce maintenance requirements.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Reduce potential for sewer line backups due to collapsing pipe.</i>
Responds to an urgent need or opportunity	<i>Addressed in the Sanitary Sewer Comprehensive Plan and ranked 14th of 26 City-wide capital projects.</i>
Feasibility, including public support and project readiness	<i>The project has been identified in the City-wide Comprehensive Plan adopted by City Council. The replacement poses no unusual difficulties.</i>
Conforms to legal or contractual obligations	<i>Will be designed and constructed per professional and legal standards and guidelines.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>Will free up manpower resources currently required for maintenance and inspection of the line.</i>
Implications of deferring the project	<i>Higher than usual maintenance costs due to poor structural condition of the sewer line.</i>
<b>CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Everest</i> Is there a specific reference to this project or land use in the immediate vicinity? <i>Yes; see XV-E-9</i> How does the project conform to such references? <i>Water/sewer svcs inadequate to support development</i> Attachment <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 20% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 0052 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	108TH AVENUE NE SEWERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	NE 68th Street to NE 53rd Street	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		2017	Modified Project

**DESCRIPTION/JUSTIFICATION**

Replace and/or rehabilitate approximately 4,000 feet of 8-inch concrete pipe with 8 to 12-inch PVC pipe. Perform video inspection to determine extent and priority of section improvements; preliminary design will examine the feasibility of installing replacement sewer line at a shallower depth than currently exists along this line (specifically between NE 59th Street to NE 53rd Street). This trunk line requires high maintenance due to significant structural deficiencies.

**REASON FOR MODIFICATION (WHERE APPLICABLE)**

Moved from Unfunded; project costs changed from \$5,110,000 to \$5,352,000 due to updated cost estimate; inflated with a start date in 2017.

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Sewer Comprehensive Plan	Current Revenue 87 %
	Reserve (\$699,200) 13 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 0 %
<b>COUNCIL GOALS</b>	
Environment	
Dependable Infrastructure	

<b>CAPITAL COSTS</b>	Prior Year(s)	2015	2016	2017	2018	2019	2020	<b>2015-2020 TOTAL</b>	Future Year(s)	<b>Total Project</b>
Planning/Design/Engineering	0	0	0	128,000	423,000	240,000	0	791,000	0	791,000
In-House Professional Svcs.	0	0	0	60,000	197,000	112,000	0	369,000	0	369,000
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	677,800	2,241,800	1,272,400	0	4,192,000	0	4,192,000
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	0	0	0	865,800	2,861,800	1,624,400	0	5,352,000	0	5,352,000
<b>NEW MAINT. AND OPER.</b>	0	0	0	0	0	0	0	0	0	0
<b>NEW FTE</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 0052 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	108TH AVENUE NE SEWERMAIN REPLACEMENT
<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>During construction of this sewer line (from four to six months), traffic control will be required, which will lead to possible delays and congestion. Adjacent residents and commercial properties should anticipate noise and congestion.</i>
Community economic impacts	<i>Construction adjacent to business area may have potential disruptive impact to business due to congestion and traffic delays.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Will improve capacity and diminish potential for surcharge of existing line.</i>
Responds to an urgent need or opportunity	<i>Addressed in the Sanitary Sewer Comprehensive Plan and ranked 20th of 26 capital improvements City-wide.</i>
Feasibility, including public support and project readiness	<i>The project presents no significant engineering or constructability difficulties. The project was an element of the City Council-adopted Sanitary Sewer Comprehensive Plan.</i>
Conforms to legal or contractual obligations	<i>All improvements will be designed and constructed in conformance with professional and legal requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>Will reduce manpower requirements for inspection and maintenance of the existing concrete trunk line.</i>
Implications of deferring the project	<i>High maintenance of the existing line.</i>
<b>CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Central Houghton</i> Is there a specific reference to this project or land use in the immediate vicinity? <i>Yes; see XV.B-10</i> How does the project conform to such references? <i>Mentions sewer/water facility upgrades/extensions</i> Attachment <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input checked="" type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input type="checkbox"/> Project provides new capacity. Amount of new capacity provided: <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 0062 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	NE 108TH STREET NE SEWERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	108th Avenue NE to approximately Forbes Creek at 100th Avenue NE	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		2018	Modified Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Replace and/or rehabilitate the existing trunk line with approximately 3,000 feet of 12-inch to 18-inch diameter PVC pipe. Perform video inspection to determine the extent of the improvements. The existing trunk line, a likely source of inflow and infiltration (I/I), experiences minor storm event surcharging and does not have adequate capacity for full development within the basin.			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			
Moved from Unfunded; project costs changed from \$4,405,000 to \$6,410,000 due to updated cost estimate with start date in 2018.			

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>	
Sewer Comprehensive Plan	Current Revenue	89 %
	Reserve (\$701,600)	11 %
	Grants	0 %
	Other Sources	0 %
	Debt	0 %
	Unfunded	0 %

<b>CAPITAL COSTS</b>	Prior Year(s)							<b>2015-2020 TOTAL</b>	Future Year(s)	<b>Total Project</b>
		2015	2016	2017	2018	2019	2020			
Planning/Design/Engineering	0	0	0	0	114,000	544,000	291,000	949,000	0	949,000
In-House Professional Svcs.	0	0	0	0	53,000	254,000	136,000	443,000	0	443,000
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	599,000	2,879,200	1,539,800	5,018,000	0	5,018,000
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	0	0	0	0	766,000	3,677,200	1,966,800	6,410,000	0	6,410,000
<b>NEW MAINT. AND OPER.</b>	0	0	0	0	0	0	0	0	0	0
<b>NEW FTE</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 0062 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	NE 108TH STREET NE SEWERMAIN REPLACEMENT
<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>During construction of this sewer line (from four to six months), minor traffic control will be required. Adjacent residents should anticipate noise from normal construction activity.</i>
Community economic impacts	<i>None anticipated.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Will improve capacity and diminish potential for surcharge of existing line.</i>
Responds to an urgent need or opportunity	<i>Addressed in the Sanitary Sewer Comprehensive Plan and ranked 24th of 30 projects.</i>
Feasibility, including public support and project readiness	<i>Project is adjacent to existing King County METRO sewer force main pipelines which presents a need for careful construction techniques. The project is an element of the City Council-adopted Sanitary Sewer Comprehensive Plan.</i>
Conforms to legal or contractual obligations	<i>All improvements will be designed and constructed in conformance with professional and legal requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>Reduction of infiltration and inflow reduces the load on the overall system.</i>
Implications of deferring the project	<i>Continued occurrences of storm surcharging and eventual capacity shortfall with continued property development within the drainage basin.</i>
<b>CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>South Juanita</i> Is there a specific reference to this project or land use in the immediate vicinity? How does the project conform to such references? Attachment <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 30% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 0069 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	1ST STREET SEWER MAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	Central Way to 16th Avenue	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		2016	Modified Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Replace existing 8-inch concrete sewerline with approximately 4,170 feet of 8-inch polyvinyl chloride (PVC) sewerline. The existing line was first built in 1950 and is deteriorating, having exceeded its design life.			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			
Moved from Unfunded; project costs changed from \$3,945,000 to \$3,829,000 due to updated cost estimate with start date in 2016.			

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Sewer Comprehensive Plan	Current Revenue 63 %
	Reserve (\$1,400,000) 37 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 0 %

<b>CAPITAL COSTS</b>	Prior Year(s)	2015	2016	2017	2018	2019	2020	<b>2015-2020 TOTAL</b>	Future Year(s)	<b>Total Project</b>
Planning/Design/Engineering	0	0	142,000	423,000	0	0	0	565,000	0	565,000
In-House Professional Svcs.	0	0	66,000	197,000	0	0	0	263,000	0	263,000
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	0	750,900	2,241,100	0	0	0	2,992,000	0	2,992,000
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	0	0	958,900	2,861,100	0	0	0	3,820,000	0	3,820,000
<b>NEW MAINT. AND OPER.</b>	0	0	0	0	0	0	0	0	0	0
<b>NEW FTE</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 0069 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	1ST STREET SEWER MAIN REPLACEMENT
<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>During construction (from four to six months), traffic control will be required along 1st Street and intersecting cross-streets between Central Way and 16th Avenue.. Noise and congestion should be anticipated by adjacent residents.</i>
Community economic impacts	<i>None anticipated.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Will reduce potential for surcharging and the need for high maintenance.</i>
Responds to an urgent need or opportunity	<i>Addressed in the Sanitary Sewer Comprehensive Plan.</i>
Feasibility, including public support and project readiness	<i>The project, an element of the City Council-adopted Sanitary Sewer Comprehensive Plan, presents no significant difficulties.</i>
Conforms to legal or contractual obligations	<i>The project will be designed and constructed to meet professional and legal requirements and guidelines.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>Will improve overall system reliability and free up maintenance resources.</i>
Implications of deferring the project	<i>Increased maintenance, possible disruption in service.</i>
<b>CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Norkirk, Moss Bay</i> Is there a specific reference to this project or land use in the immediate vicinity? How does the project conform to such references? Attachment <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input checked="" type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input type="checkbox"/> Project provides new capacity. Amount of new capacity provided: <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 0070 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	5TH STREET SEWER MAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	Central Way to 9th Avenue	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		2016	Modified Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Replace existing 8-inch concrete sewerline with approximately 1,430 feet of 8-inch polyvinyl chloride (PVC) sewerline. The existing line was first built in 1950 and is deteriorating, having exceeded its design life.			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			
Moved from Unfunded; project costs changed from \$1,354,000 to \$1,284,000 due to updated cost estimate with start date in 2016.			

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Sewer Comprehensive Plan	Current Revenue 100 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 0 %

<b>CAPITAL COSTS</b>	<b>Prior Year(s)</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2015-2020 TOTAL</b>	<b>Future Year(s)</b>	<b>Total Project</b>
Planning/Design/Engineering	0	0	62,000	128,000	0	0	0	190,000	0	190,000
In-House Professional Svcs.	0	0	29,000	60,000	0	0	0	89,000	0	89,000
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	0	328,500	676,500	0	0	0	1,005,000	0	1,005,000
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>419,500</b>	<b>864,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,284,000</b>	<b>0</b>	<b>1,284,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 0070 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	5TH STREET SEWER MAIN REPLACEMENT
<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>During construction (from three to four months), traffic control will be required along 5th Street and intersecting cross-streets between Central Way and 9th Avenue.. Noise and congestion should be anticipated by adjacent residents.</i>
Community economic impacts	<i>None anticipated.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Will reduce potential for surcharging and the need for high maintenance.</i>
Responds to an urgent need or opportunity	<i>Addressed in the Sanitary Sewer Comprehensive Plan.</i>
Feasibility, including public support and project readiness	<i>The project, an element of the City Council-adopted Sanitary Sewer Comprehensive Plan, presents no significant difficulties.</i>
Conforms to legal or contractual obligations	<i>The project will be designed and constructed to meet professional and legal requirements and guidelines.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>Will improve overall system reliability and free up maintenance resources.</i>
Implications of deferring the project	<i>Increased maintenance, possible disruption in service.</i>
<b>CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Norkirk, Moss Bay</i> Is there a specific reference to this project or land use in the immediate vicinity? How does the project conform to such references? Attachment <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input checked="" type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input type="checkbox"/> Project provides new capacity. Amount of new capacity provided: <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 0071 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	6TH STREET SEWER MAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	10th Avenue to 11th Avenue	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		2016	Modified Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Replace existing 6-inch concrete sewerline with approximately 325 feet of 8-inch polyvinyl chloride (PVC) sewerline. The existing trunk line does not have adequate capacity to accommodate projected flows.			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			
Moved from Unfunded; project costs changed from \$308,000 to \$287,000 due to updated cost estimate with start date in 2016.			

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Sewer Comprehensive Plan	Current Revenue 100 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 0 %

<b>CAPITAL COSTS</b>	Prior Year(s)	2015	2016	2017	2018	2019	2020	<b>2015-2020 TOTAL</b>	Future Year(s)	<b>Total Project</b>
Planning/Design/Engineering	0	0	43,000	0	0	0	0	43,000	0	43,000
In-House Professional Svcs.	0	0	20,000	0	0	0	0	20,000	0	20,000
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	0	224,000	0	0	0	0	224,000	0	224,000
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	0	0	287,000	0	0	0	0	287,000	0	287,000
<b>NEW MAINT. AND OPER.</b>	0	0	0	0	0	0	0	0	0	0
<b>NEW FTE</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 0071 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	6TH STREET SEWER MAIN REPLACEMENT
<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>During construction (from one to two months), traffic control will be required along 6th Street and intersecting cross-streets at 10th Avenue and 11th Avenue. Noise and congestion should be anticipated by adjacent residents.</i>
Community economic impacts	<i>None anticipated.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Will reduce potential for surcharging and the need for high maintenance.</i>
Responds to an urgent need or opportunity	<i>Addressed in the Sanitary Sewer Comprehensive Plan.</i>
Feasibility, including public support and project readiness	<i>The project, an element of the City Council-adopted Sanitary Sewer Comprehensive Plan, presents no significant difficulties.</i>
Conforms to legal or contractual obligations	<i>The project will be designed and constructed to meet professional and legal requirements and guidelines.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>Will improve overall system reliability and free up maintenance resources.</i>
Implications of deferring the project	<i>Increased maintenance, possible disruption in service.</i>
<b>CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Norkirk</i> Is there a specific reference to this project or land use in the immediate vicinity? How does the project conform to such references? Attachment <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 75% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 0072 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	KIRKLAND AVENUE SEWER MAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	Railroad Avenue (near 10th Street South) to I-405 (near 116th Avenue NE)	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		2020	Modified Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Replace existing 8-inch concrete sewerline with approximately 1,550 feet of 12-inch polyvinyl chloride (PVC) sewerline. The existing trunk line does not have adequate capacity to accommodate projected flows.			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			
Moved from Unfunded; project costs changed from \$1,980,000 to \$2,159,000 due to updated cost estimate with start date in 2020.			

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Sewer Comprehensive Plan	Current Revenue 100 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 0 %

<b>CAPITAL COSTS</b>	Prior Year(s)	2015	2016	2017	2018	2019	2020	<b>2015-2020 TOTAL</b>	Future Year(s)	<b>Total Project</b>
Planning/Design/Engineering	0	0	0	0	0	0	126,000	126,000	194,000	320,000
In-House Professional Svcs.	0	0	0	0	0	0	59,000	59,000	91,000	150,000
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	665,000	665,000	1,024,000	1,689,000
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	0	0	0	0	0	0	850,000	850,000	1,309,000	2,159,000
<b>NEW MAINT. AND OPER.</b>	0	0	0	0	0	0	0	0	0	0
<b>NEW FTE</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 0072 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	KIRKLAND AVENUE SEWER MAIN REPLACEMENT
<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>During construction (from three to four months), traffic control will be required along Kirkland Avenue and intersecting cross-streets between Railroad Avenue and 116th Avenue NE. Noise and congestion should be anticipated by adjacent residents.</i>
Community economic impacts	<i>None anticipated.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Will reduce potential for surcharging and the need for high maintenance.</i>
Responds to an urgent need or opportunity	<i>Addressed in the Sanitary Sewer Comprehensive Plan.</i>
Feasibility, including public support and project readiness	<i>The project, an element of the City Council-adopted Sanitary Sewer Comprehensive Plan, presents no significant difficulties.</i>
Conforms to legal or contractual obligations	<i>The project will be designed and constructed to meet professional and legal requirements and guidelines.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>Will improve overall system reliability and free up maintenance resources.</i>
Implications of deferring the project	<i>Increased maintenance, possible disruption in service.</i>
<b>CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Everest</i> Is there a specific reference to this project or land use in the immediate vicinity? How does the project conform to such references? Attachment <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 40% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 0073 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	ROSE POINT SEWER LIFT STATION REPLACEMENT		
<b>PROJECT LOCATION</b>	18th Avenue W near 10th Street W	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		2015	Modified Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Relocation/reconstruction of the existing lift station due to age and insufficient pumping capacity at peak flows during major storm events. The station improvements include a new wetwell/drywell layout compatible with the surrounding area, new system control, new 8-inch overflow line from the new station to adjacent top-of-the Waverly Basin manhole (if feasible), an emergency generator set (if new overflow line is not feasible) and 1,800 feet of 8-inch ductile iron or polyvinyl chloride (PVC) forcemain.			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			
Project schedule modified, but no changes to overall timing or cost.			

<b>POLICY BASIS</b>		<b>METHOD OF FINANCING (%)</b>	
Sewer Comprehensive Plan		Current Revenue	100 %
		Reserve	0 %
		Grants	0 %
		Other Sources	0 %
		Debt	0 %
		Unfunded	0 %

<b>CAPITAL COSTS</b>	Prior Year(s)								<b>2015-2020 TOTAL</b>	Future Year(s)	<b>Total Project</b>
		2015	2016	2017	2018	2019	2020				
Planning/Design/Engineering	0	415,000	332,100	0	0	0	0	747,100	0	747,100	
In-House Professional Svcs.	0	100,000	117,700	0	0	0	0	217,700	0	217,700	
Land Acquisition	0	0	0	0	0	0	0	0	0	0	
Construction	0	935,000	660,200	0	0	0	0	1,595,200	0	1,595,200	
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0	
Equipment	0	0	0	0	0	0	0	0	0	0	
Other Services	0	0	0	0	0	0	0	0	0	0	
<b>Total</b>	0	1,450,000	1,110,000	0	0	0	0	2,560,000	0	2,560,000	
<b>NEW MAINT. AND OPER.</b>	0	0	0	0	0	0	0	0	0	0	
<b>NEW FTE</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 0073 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	ROSE POINT SEWER LIFT STATION REPLACEMENT
<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>During construction traffic control will be required in the immediately adjacent area. Construction noise should be anticipated by adjacent residents.</i>
Community economic impacts	<i>None anticipated.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Will reduce potential for surcharging and the need for high maintenance.</i>
Responds to an urgent need or opportunity	<i>Addressed in the Sanitary Sewer Comprehensive Plan.</i>
Feasibility, including public support and project readiness	<i>The project, an element of the City Council-adopted Sanitary Sewer Comprehensive Plan, presents no significant difficulties.</i>
Conforms to legal or contractual obligations	<i>The project will be designed and constructed to meet professional and legal requirements and guidelines.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>Will improve overall system reliability and free up maintenance resources.</i>
Implications of deferring the project	<i>Increased maintenance, possible disruption in service.</i>
<b>CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Market, City-wide</i> Is there a specific reference to this project or land use in the immediate vicinity? How does the project conform to such references? Attachment <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 300% to 400% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 0078 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	5TH AVENUE S SEWERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	7th Street S to 8th Street S	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		2014	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Replace existing 6-inch concrete sewer line with approximately 200 feet of 8-inch diameter polyvinyl chloride (PVC) sewer pipe. Work extends east from the manhole at the intersection of 5th Avenue S to the terminus manhole about 120 feet west of 8th Street S. This right-of-way is unopened to vehicles but contains a pedestrian path.			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			

<b>POLICY BASIS</b>	<b>PRIOR YEAR(S) BUDGET TO ACTUALS</b>	<b>METHOD OF FINANCING (%)</b>	
Sewer Comprehensive Plan		Current Revenue	100 %
		Reserve	0 %
	Budget \$188,990	Grants	0 %
	Actual \$33,598	Other Sources	0 %
	Balance \$155,392	Debt	0 %
		Unfunded	0 %

<b>CAPITAL COSTS</b>	Prior Year(s)	2015	2016	2017	2018	2019	2020	<b>2015-2020 TOTAL</b>	Future Year(s)	<b>Total Project</b>
Planning/Design/Engineering	26,700	6,100	0	0	0	0	0	6,100	0	32,800
In-House Professional Svcs.	15,000	3,200	0	0	0	0	0	3,200	0	18,200
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	147,200	28,700	0	0	0	0	0	28,700	0	175,900
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>188,900</b>	<b>38,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>38,000</b>	<b>0</b>	<b>226,900</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 0078 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	5TH AVENUE S SEWERMAIN REPLACEMENT
<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>During construction traffic control will be required. Noise and congestion should be anticipated by residents and motorists in the area.</i>
Community economic impacts	<i>None anticipated.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Will reduce potential for infiltration and inflow (I &amp; I), surcharging and the need for high maintenance.</i>
Responds to an urgent need or opportunity	<i>Addressed in the Sanitary Sewer Comprehensive Plan.</i>
Feasibility, including public support and project readiness	<i>The project, an element of the City Council-adopted Sanitary Sewer Comprehensive Plan, presents no significant difficulties.</i>
Conforms to legal or contractual obligations	<i>The projects will be designed and constructed to meet professional and legal requirements and guidelines.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>Will improve overall system reliability and free up maintenance resources currently required on the line.</i>
Implications of deferring the project	<i>Increased maintenance, possible disruption in service.</i>
<b>CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Everest, Moss Bay</i> Is there a specific reference to this project or land use in the immediate vicinity? <i>No</i> How does the project conform to such references? <i>No</i> Attachment <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input checked="" type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input type="checkbox"/> Project provides new capacity. Amount of new capacity provided: <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 0079 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	3RD AVENUE S / 2ND STREET S SEWERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	3rd Avenue S & 2nd Street S	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		2015	Modified Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Replace existing 6-inch concrete sewer line with approximately 780 feet of 8-inch diameter polyvinyl chloride (PVC) sewer pipe. Work extends from 234 3rd Avenue S west to 2nd Street S and north to approximately 106 2nd Street S. This project may be a candidate for trenchless technology (pipe lining, pipe bursting, etc.).			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			
Project schedule modified, but no changes to overall timing or cost.			

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Sewer Comprehensive Plan	Current Revenue 100 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 0 %

<b>CAPITAL COSTS</b>	Prior Year(s)	2015	2016	2017	2018	2019	2020	<b>2015-2020 TOTAL</b>	Future Year(s)	<b>Total Project</b>
Planning/Design/Engineering	0	128,000	54,000	0	0	0	0	182,000	0	182,000
In-House Professional Svcs.	0	60,000	25,000	0	0	0	0	85,000	0	85,000
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	677,400	282,600	0	0	0	0	960,000	0	960,000
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	0	865,400	361,600	0	0	0	0	1,227,000	0	1,227,000
<b>NEW MAINT. AND OPER.</b>	0	0	0	0	0	0	0	0	0	0
<b>NEW FTE</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 0079 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	3RD AVENUE S / 2ND STREET S SEWERMAIN REPLACEMENT
<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>During construction traffic control will be required. Noise and congestion should be anticipated by residents and motorists in the area.</i>
Community economic impacts	<i>None anticipated.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Will reduce potential for infiltration and inflow (I &amp; I), surcharging and the need for high maintenance.</i>
Responds to an urgent need or opportunity	<i>Addressed in the Sanitary Sewer Comprehensive Plan.</i>
Feasibility, including public support and project readiness	<i>The project, an element of the City Council-adopted Sanitary Sewer Comprehensive Plan, presents no significant difficulties.</i>
Conforms to legal or contractual obligations	<i>The projects will be designed and constructed to meet professional and legal requirements and guidelines.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>Will improve overall system reliability and free up maintenance resources currently required on the line.</i>
Implications of deferring the project	<i>Increased maintenance, possible disruption in service.</i>
<b>CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Moss Bay</i> Is there a specific reference to this project or land use in the immediate vicinity? <i>No</i> How does the project conform to such references? <i>No</i> Attachment <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input checked="" type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input type="checkbox"/> Project provides new capacity. Amount of new capacity provided: <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 0082 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	3RD & CENTRAL WAY SANITARY SEWER CROSSING		
<b>PROJECT LOCATION</b>	Central Way West of 3rd Street	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		2016	Modified Project

DESCRIPTION/JUSTIFICATION	
Replace 90 feet of 24-inch diameter sanitary sewer and two 48-inch diameter manholes with 48-inch diameter polyvinyl chloride (PVC) sanitary sewer and two 60-inch diameter manholes. Shallow crossing utilities may require a manifold system with concrete box vaults, gas main relocation and/or sleeving of sanitary sewer over watermain.	

REASON FOR MODIFICATION (WHERE APPLICABLE)
Moved from Unfunded; project costs changed from \$270,000 to \$300,000 due to updated cost estimate with start date in 2016.

POLICY BASIS	METHOD OF FINANCING (%)
Sewer Comprehensive Plan	Current Revenue 100 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 0 %

CAPITAL COSTS	Prior Year(s)								2015-2020 TOTAL	Future Year(s)	Total Project
		2015	2016	2017	2018	2019	2020				
Planning/Design/Engineering	0	0	45,000	0	0	0	0	45,000	0	45,000	
In-House Professional Svcs.	0	0	21,000	0	0	0	0	21,000	0	21,000	
Land Acquisition	0	0	0	0	0	0	0	0	0	0	
Construction	0	0	234,000	0	0	0	0	234,000	0	234,000	
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0	
Equipment	0	0	0	0	0	0	0	0	0	0	
Other Services	0	0	0	0	0	0	0	0	0	0	
<b>Total</b>	0	0	300,000	0	0	0	0	300,000	0	300,000	
<b>NEW MAINT. AND OPER.</b>	0	0	0	0	0	0	0	0	0	0	
<b>NEW FTE</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 0082 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	3RD & CENTRAL WAY SANITARY SEWER CROSSING
<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>During construction traffic control will be required. Noise and congestion should be anticipated by residents and motorists in the area.</i>
Community economic impacts	<i>None anticipated.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Will reduce potential for infiltration and inflow (I &amp; I), surcharging and the need for high maintenance.</i>
Responds to an urgent need or opportunity	<i>Addressed in the Sanitary Sewer Comprehensive Plan.</i>
Feasibility, including public support and project readiness	<i>This type of project is an element of the City Council-adopted Sanitary Sewer Comprehensive Plan, presents no significant difficulties.</i>
Conforms to legal or contractual obligations	<i>The projects will be designed and constructed to meet professional and legal requirements and guidelines.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>Will improve overall system reliability and free up maintenance resources currently required on the line.</i>
Implications of deferring the project	<i>Increased maintenance, possible disruption in service.</i>
<b>CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Moss Bay</i> Is there a specific reference to this project or land use in the immediate vicinity? How does the project conform to such references? Attachment <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input checked="" type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input type="checkbox"/> Project provides new capacity. Amount of new capacity provided: <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 8888 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	ANNUAL SANITARY PIPELINE REPLACEMENT PROGRAM		
<b>PROJECT LOCATION</b>	City-wide	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Ongoing	Modified Project

DESCRIPTION/JUSTIFICATION	
Installation of sewermain replacements to improve overall system reliability and to reduce maintenance and I & I (Infiltration and Inflow) costs. Candidate projects under this Annual Program include: SS 0068 - 124th Avenue NE Sewermain Replacement; SS 0080 - 20th Avenue Sewermain Replacement	

REASON FOR MODIFICATION (WHERE APPLICABLE)
Total project cost changed from \$1,818,400 to \$549,400, which reflects available remaining funds after funded projects have been identified.

POLICY BASIS	METHOD OF FINANCING (%)
Sewer Comprehensive Plan	Current Revenue 96 %
	Reserve (\$20,600) 4 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 0 %

CAPITAL COSTS	Prior Year(s)								2015-2020 TOTAL	Future Year(s)	Total Project
		2015	2016	2017	2018	2019	2020				
Planning/Design/Engineering	0	82,000	0	0	0	0	0	82,000	0	82,000	
In-House Professional Svcs.	0	38,000	0	0	0	0	0	38,000	0	38,000	
Land Acquisition	0	0	0	0	0	0	0	0	0	0	
Construction	0	429,400	0	0	0	0	0	429,400	0	429,400	
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0	
Equipment	0	0	0	0	0	0	0	0	0	0	
Other Services	0	0	0	0	0	0	0	0	0	0	
<b>Total</b>	0	549,400	0	0	0	0	0	549,400	0	549,400	
<b>NEW MAINT. AND OPER.</b>	0	0	0	0	0	0	0	0	0	0	
<b>NEW FTE</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 8888 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	ANNUAL SANITARY PIPELINE REPLACEMENT PROGRAM
<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>During construction traffic control will be required. Noise and congestion should be anticipated by residents and motorists in the area.</i>
Community economic impacts	<i>None anticipated.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Will reduce potential for infiltration and inflow (I &amp; I), surcharging and the need for high maintenance.</i>
Responds to an urgent need or opportunity	<i>Addressed in the Sanitary Sewer Comprehensive Plan.</i>
Feasibility, including public support and project readiness	<i>The project, an element of the City Council-adopted Sanitary Sewer Comprehensive Plan, presents no significant difficulties.</i>
Conforms to legal or contractual obligations	<i>The projects will be designed and constructed to meet professional and legal requirements and guidelines.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>Will improve overall system reliability and free up maintenance resources currently required on the line.</i>
Implications of deferring the project	<i>Increased maintenance, possible disruption in service.</i>
<b>CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>City-wide</i> Is there a specific reference to this project or land use in the immediate vicinity? How does the project conform to such references? Attachment <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 10% to 40% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 9999 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	ANNUAL SANITARY PUMP STATION/SYSTEM UPGRADE PROGRAM		
<b>PROJECT LOCATION</b>	City-wide	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Ongoing	Modified Project

<b>DESCRIPTION/JUSTIFICATION</b>	
Installation of sewer pump station upgrades to improve overall system reliability and to reduce maintenance costs.	

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>	
Total project cost changed from \$1,818,500 to \$549,400, which reflects available remaining funds after funded projects have been identified.	

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Sewer Comprehensive Plan	Current Revenue 96 %
	Reserve (\$20,600) 4 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 0 %

<b>CAPITAL COSTS</b>	Prior Year(s)								<b>2015-2020 TOTAL</b>	Future Year(s)	<b>Total Project</b>
		2015	2016	2017	2018	2019	2020				
Planning/Design/Engineering	0	82,000	0	0	0	0	0	82,000	0	82,000	
In-House Professional Svcs.	0	38,000	0	0	0	0	0	38,000	0	38,000	
Land Acquisition	0	0	0	0	0	0	0	0	0	0	
Construction	0	429,400	0	0	0	0	0	429,400	0	429,400	
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0	
Equipment	0	0	0	0	0	0	0	0	0	0	
Other Services	0	0	0	0	0	0	0	0	0	0	
<b>Total</b>	0	549,400	0	0	0	0	0	549,400	0	549,400	
<b>NEW MAINT. AND OPER.</b>	0	0	0	0	0	0	0	0	0	0	
<b>NEW FTE</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 9999 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	ANNUAL SANITARY PUMP STATION/SYSTEM UPGRADE PROGRAM
<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>During construction traffic control will be required. Noise and congestion should be anticipated by residents and motorists in the area.</i>
Community economic impacts	<i>None anticipated.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Will reduce potential for infiltration and inflow (I &amp; I), surcharging and the need for high maintenance.</i>
Responds to an urgent need or opportunity	<i>Addressed in the Sanitary Sewer Comprehensive Plan.</i>
Feasibility, including public support and project readiness	<i>The project, an element of the City Council-adopted Sanitary Sewer Comprehensive Plan, presents no significant difficulties.</i>
Conforms to legal or contractual obligations	<i>The projects will be designed and constructed to meet professional and legal requirements and guidelines.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>Will improve overall system reliability and free up maintenance resources currently required on the line.</i>
Implications of deferring the project	<i>Increased maintenance, possible disruption in service.</i>
<b>CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>City-wide</i> Is there a specific reference to this project or land use in the immediate vicinity? How does the project conform to such references? Attachment <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 20% to 50% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

Unfunded  
Water/Sewer Utility Projects



**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0052 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	108TH AVENUE NE WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	NE 60th Street to NE 68th Street	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Replacement of approximately 2,620 feet of 8-inch asbestos concrete watermain with new 12-inch ductile iron pipe on 108th Avenue NE, between NE 60th Street and NE 68th Street. The existing watermain serves a large area and system modeling shows that this watermain is at 60% to 69% of desired flow capacity.			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			

<b>POLICY BASIS</b>		<b>METHOD OF FINANCING (%)</b>	
Water Comprehensive Plan		Current Revenue	0 %
		Reserve	0 %
		Grants	0 %
		Other Sources	0 %
		Debt	0 %
		Unfunded	100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	220,000
In-House Professional Svcs.	92,000
Land Acquisition	0
Construction	1,272,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>1,584,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0052 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	108TH AVENUE NE WATERMAIN REPLACEMENT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Considerable disruption to through (and local) traffic and to pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow capacity.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system infrastructure consistent with the 2014 Water Comprehensive Plan.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>Connects to other neighborhood CIP watermain projects.</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Central Houghton, Everest</i> Is there a specific reference to this project or land use in the immediate <i>No</i> How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 20% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0057 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	116TH AVENUE NE WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	NE 85th Street to (approximately) NE 100th Street	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Replacement of approximately 3,930 feet of 8-inch cast iron and 12-inch asbestos concrete watermain with new 16-inch ductile iron pipe on 116th Avenue NE, between NE 85th Street and approximately NE 100th Street. The existing watermain serves a large area and system modeling shows that this watermain is less than 60% of desired fire flow capacity.			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			

<b>POLICY BASIS</b>		<b>METHOD OF FINANCING (%)</b>	
Water Comprehensive Plan		Current Revenue	0 %
		Reserve	0 %
		Grants	0 %
		Other Sources	0 %
		Debt	0 %
		Unfunded	100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	378,000
In-House Professional Svcs.	160,000
Land Acquisition	0
Construction	2,193,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>2,731,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0057 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	116TH AVENUE NE WATERMAIN REPLACEMENT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Considerable disruption to through (and local) traffic and to pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system infrastructure consistent with the 2014 Water Comprehensive Plan.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>Connects to other neighborhood CIP watermain projects.</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Highlands, Norkirk</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 20% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0067 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	NORTH RESERVOIR PUMP STATION REPLACEMENT		
<b>PROJECT LOCATION</b>	Mark Twain Park at North Reservoir, 132nd Avenue NE	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

**DESCRIPTION/JUSTIFICATION**

The existing below-grade pump station does not have heating or ventilation. The poor layout of piping and equipment inside the station makes it difficult and unsafe to perform maintenance and operation tasks. The reliability and remaining service life of the existing 2,500 gallons-per-minute (gpm) pump is unknown. The pump does not have adequate capacity to meet the supply requirements of the future. This project will replace the existing station with a new station that resolves the deficiencies and has a capacity of 5,000 gpm. This joint facility improvement will require participation by the City of Redmond at their established proportionate share of the total project cost. This is a candidate project included as a component of the Annual Water Pump Station/System Upgrade Program Project, WA 9999.

**REASON FOR MODIFICATION (WHERE APPLICABLE)**

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<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Water Comprehensive Plan	Current Revenue 0 %
	Reserve 0 %
	Grants 0 %
	Other Sources Joint Facility/Redmond 0 %
	Debt 0 %
	Unfunded 100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	84,000
In-House Professional Svcs.	36,000
Land Acquisition	0
Construction	491,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>611,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0067 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	NORTH RESERVOIR PUMP STATION REPLACEMENT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Minor disruption to nearby residents is expected during construction with only incidental construction noise.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through better system reliability and increased performance.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system infrastructure consistent with the 2014 Water Comprehensive Plan.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service through system degradation and increased maintenance.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>North Rose Hill, City-wide</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 50% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0096 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	NE 83RD STREET WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	128th Avenue NE to 131st Avenue NE	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>	
Replacement of approximately 1,070 feet of 8-inch asbestos concrete line with new 8-inch ductile iron pipe on NE 83rd Street, between 128th Avenue NE and 131st Avenue NE.	

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Water Comprehensive Plan	Current Revenue 0 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	63,000
In-House Professional Svcs.	26,000
Land Acquisition	0
Construction	361,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>450,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0096 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	NE 83RD STREET WATERMAIN REPLACEMENT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Minor disruption to local traffic and pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system infrastructure consistent with the 2014 Water Comprehensive Plan.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>Connects to other neighborhood CIP watermain projects.</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>South Rose Hill, North Rose Hill</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input checked="" type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input type="checkbox"/> Project provides new capacity. Amount of new capacity provided: <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0097 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	NE 80TH STREET WATERMAIN REPLACEMENT (PHASE 3)		
<b>PROJECT LOCATION</b>	120th Avenue NE from NE 80th Street to NE 85th Street; NE 85th Street from 120th Avenue NE to 114th Avenue NE.	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>	
Replacement of approximately 1,500 feet of 6-inch asbestos concrete line and 1,800 feet of 16-inch concrete pipe with new 20-inch ductile iron pipe along NE 80th Street from approximately 300 feet west of 122nd Avenue NE to 120th Avenue NE, and along 120th Avenue NE from NE 80th Street to NE 85th Street and along NE 85th Street from 120th Avenue NE to approximately 114th Avenue NE.	

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Water Comprehensive Plan	Current Revenue 0 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	89,100
In-House Professional Svcs.	207,900
Land Acquisition	0
Construction	1,089,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>1,386,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0097 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	NE 80TH STREET WATERMAIN REPLACEMENT (PHASE 3)
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Considerable disruption to local traffic and pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system infrastructure consistent with the 2014 Water Comprehensive Plan.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>Connects to other neighborhood CIP watermain projects.</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>South Rose Hill, City-wide</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 30% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0098 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	126TH AVENUE NE/NE 83RD & 84TH STREET/128TH AVENUE NE WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	NE 80th Street to NE 85th Street, 126th Avenue NE to 128th Avenue NE, NE 83rd Court to NE 85th Street	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>	
Replacement of approximately 2,850 feet of 6-inch asbestos concrete line with new 8-inch ductile iron pipe on 126th Avenue NE between NE 80th Street and NE 84th Street, on NE 84th Street/NE 83rd Court, between 126th Avenue NE and 128th Avenue NE and on 128th Avenue, between NE 83rd Court and NE 85th Street with 8-inch and 12-inch ductile iron pipe.	

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Water Comprehensive Plan	Current Revenue 0 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	166,000
In-House Professional Svcs.	70,000
Land Acquisition	0
Construction	961,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>1,197,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0098 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	126TH AVENUE NE/NE 83RD & 84TH STREET/128TH AVENUE NE WATERMAIN REPLACEMENT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Considerable disruption to local traffic and pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system infrastructure consistent with the 2014 Water Comprehensive Plan.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>Connects to other neighborhood CIP watermain projects.</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>South Rose Hill, North Rose Hill</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 10% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0103 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	NE 113TH PLACE/106TH AVENUE NE WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	104th Avenue NE to 106th Avenue NE, NE 112th Street to (approx.) NE 114th Lane	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Replacement of approximately 2,000 feet of 4-inch asbestos concrete line with new 8-inch ductile iron pipe on NE 113th Place, between 104th Ave NE and 106th Avenue NE and on 106th Avenue NE, between NE 112th Street and NE 114th Lane. This is a candidate project included as a component of the Annual Watermain Replacement Program Project, WA 8888.			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			

<b>POLICY BASIS</b>		<b>METHOD OF FINANCING (%)</b>	
Water Comprehensive Plan		Current Revenue	0 %
		Reserve	0 %
		Grants	0 %
		Other Sources	0 %
		Debt	0 %
		Unfunded	100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	117,000
In-House Professional Svcs.	49,000
Land Acquisition	0
Construction	675,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>841,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0103 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	NE 113TH PLACE/106TH AVENUE NE WATERMAIN REPLACEMENT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Minor disruption to local traffic and pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system and a reduction in potential for property damage claims.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>South Juanita</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 30% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0104 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	111TH AVENUE NE/NE 62ND STREET-NE 64TH ST WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	112th Avenue NE to 114th Avenue NE	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>	
Replacement of approximately 3,300 feet of 4-inch asbestos concrete line with new 8-inch and 12-inch ductile iron pipe on 111th Avenue, between NE 60th Street and NE 65th Street, NE 62nd Street between 108th Avenue and 111th Avenue NE and on NE 64th Street, between 111th Avenue NE and the end of the street.	

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Water Comprehensive Plan	Current Revenue 0 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	207,000
In-House Professional Svcs.	87,000
Land Acquisition	0
Construction	1,199,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>1,493,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0104 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	111TH AVENUE NE/NE 62ND STREET-NE 64TH ST WATERMAIN REPLACEMENT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Minor disruption to local traffic and pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system infrastructure consistent with the 2006 Water Comprehensive Plan.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>Connects to other neighborhood CIP watermain projects.</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Central Houghton</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 30% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0108 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	109TH AVENUE NE/NE 58TH ST WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	NE 58th Street to NE 59th Street	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>	
Replacement of approximately 1,200 feet of 8-inch cast iron line with new 8-inch ductile iron pipe within various rights-of-way and/or easements on the Northwest University campus.	

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Water Comprehensive Plan	Current Revenue 0 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	70,000
In-House Professional Svcs.	29,000
Land Acquisition	0
Construction	405,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>504,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0108 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	109TH AVENUE NE/NE 58TH ST WATERMAIN REPLACEMENT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Minor disruption to local traffic and pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system and a reduction in potential for property damage claims.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Central Houghton</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 10% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0109 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	112TH AVENUE NE WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	NE 53rd Street to NE 45th Street	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>	
Replacement of approximately 1,950 feet of 12-inch asbestos concrete line with new 12-inch ductile iron pipe along 112th Ave NE, between NE 53rd Street and Watershed Park.	

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Water Comprehensive Plan	Current Revenue 0 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	163,000
In-House Professional Svcs.	69,000
Land Acquisition	0
Construction	947,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>1,179,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0109 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	112TH AVENUE NE WATERMAIN REPLACEMENT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Minor disruption to local traffic and pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system infrastructure consistent with the 2014 Water Comprehensive Plan.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Central Houghton, Lakeview</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 10% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0111 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	NE 45TH STREET AND 110TH/111TH AVENUE NE WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	108th Avenue NE to 110th Avenue NE / NE 45th Street to NE 53rd Street	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>	
Replacement of approximately 3,100 feet of 6-inch asbestos concrete line and 6-inch cast iron line with new 8-inch ductile iron pipe along NE 45th Street between 108th Avenue NE and 110th Avenue NE and on NE 110th/111th Avenue NE between NE 45th Street and NE 53rd Street.	

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Water Comprehensive Plan	Current Revenue 0 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	181,000
In-House Professional Svcs.	76,000
Land Acquisition	0
Construction	1,046,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>1,303,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0111 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	NE 45TH STREET AND 110TH/111TH AVENUE NE WATERMAIN REPLACEMENT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Minor disruption to local traffic and pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system infrastructure consistent with the 2014 Water Comprehensive Plan.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>Connects to other neighborhood CIP watermain projects.</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Central Houghton</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 10% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0113 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	116TH AVENUE NE/NE 70TH-NE 80TH ST WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	NE 60th Street to NE 80th Street to approximately 120th Ave NE	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>	
Replacement of approximately 5,600 feet of 8-inch asbestos concrete and ductile iron with new 20-inch ductile iron for approximately 210 feet east of 120th Ave NE and 12-inch ductile iron pipe along 116th Avenue NE, from approximately NE 65th Street to NE 80th Street to approximately 118th Ave NE.	

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>

<b>POLICY BASIS</b>	<b>PRIOR YEAR(S) BUDGET TO ACTUALS</b>	<b>METHOD OF FINANCING (%)</b>		
Water Comprehensive Plan	Budget	\$684,000	Current Revenue	0 %
	Actual		Reserve	0 %
Dependable Infrastructure	Balance		Grants	0 %
			Other Sources	0 %
			Debt	0 %
			Unfunded	100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	352,600
In-House Professional Svcs.	167,000
Land Acquisition	0
Construction	1,702,500
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>2,222,100</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0113 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	116TH AVENUE NE/NE 70TH-NE 80TH ST WATERMAIN REPLACEMENT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Minor disruption to local traffic and pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system infrastructure consistent with the 2014 Water Comprehensive Plan.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>Connects to other neighborhood CIP watermain projects.</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>South Rose Hill</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 20% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0118 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	112TH AVENUE NE-114TH AVENUE NE/NE 67TH STREET-NE 68TH STEET WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	NE 60th Street to NE 62nd Street, 112th Avenue NE to 114th Avenue NE, NE 62nd Street to NE 67th Street, 112th Avenue NE to 114th Avenue NE	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

**DESCRIPTION/JUSTIFICATION**

Replacement of approximately 5,550 feet of 8-inch asbestos concrete with new 12-inch ductile iron pipe along 112th Ave NE, between NE 60th Street and NE 62nd Street; NE 62nd Street between 112th Avenue NE and 114th Avenue NE; 114th Avenue NE between NE 62nd Street and NE 67th Street/NE 68th Street, between 112th Avenue NE and 114th Avenue NE. This is a candidate project included as a component of the Annual Watermain Replacement Program project, WA 8888.

**REASON FOR MODIFICATION (WHERE APPLICABLE)**

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Water Comprehensive Plan	Current Revenue 0 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	496,400
In-House Professional Svcs.	194,000
Land Acquisition	0
Construction	2,669,700
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>3,360,100</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0118 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	112TH AVENUE NE-114TH AVENUE NE/NE 67TH STREET-NE 68TH STEET WATERMAIN REPLACEMENT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Minor disruption to local traffic and pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system and a reduction in potential for property damage claims.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Central Houghton</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 30% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0119 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	109TH AVE NE/111TH WAY NE WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	NE 53rd Street to NE 58th Street	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>	
Replacement of approximately 4,360 feet of 6-inch cast iron with new 12-inch ductile iron pipe along 109th Ave NE and 111th Way NE, between NE 53rd Street and NE 58th Street, and an 8-inch ductile iron pipe on the loop at NE 58th Place and 111th Way NE.	

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Water Comprehensive Plan	Current Revenue 0 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	319,000
In-House Professional Svcs.	135,000
Land Acquisition	0
Construction	1,850,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>2,304,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0119 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	109TH AVE NE/111TH WAY NE WATERMAIN REPLACEMENT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Minor disruption to local traffic and pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system and a reduction in potential for property damage claims.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Central Houghton</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 30% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0120 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	111TH AVENUE WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	NE 112th Street to end of street	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Replacement of approximately 432 feet of 6-inch asbestos concrete with new 8-inch ductile iron pipe along 111th Avenue NE, between NE 112th Street and the end of the street. This is a candidate project included as a component of the Annual Watermain Replacement Program Project, WA 8888.			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			

<b>POLICY BASIS</b>		<b>METHOD OF FINANCING (%)</b>	
Water Comprehensive Plan		Current Revenue	0 %
		Reserve	0 %
		Grants	0 %
		Other Sources	0 %
		Debt	0 %
		Unfunded	100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	25,000
In-House Professional Svcs.	11,000
Land Acquisition	0
Construction	146,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>182,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0120 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	111TH AVENUE WATERMAIN REPLACEMENT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Minor disruption to local traffic and pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system and a reduction in potential for property damage claims.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>South Juanita</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 30% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0122 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	116TH AVENUE NE/NE 100TH STREET WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	NE 100th Street to NE 107th Street	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>	
Replacement of approximately 2,490 feet of 8-inch asbestos concrete line with new 12-inch ductile iron pipe along 116th Avenue NE, between NE 100th Street and NE 107th Street.	

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Water Comprehensive Plan	Current Revenue 0 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	209,000
In-House Professional Svcs.	88,000
Land Acquisition	0
Construction	1,209,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>1,506,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0122 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	116TH AVENUE NE/NE 100TH STREET WATERMAIN REPLACEMENT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Minor disruption to local traffic and pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system and a reduction in potential for property damage claims.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>South Juanita</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 30% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0123 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	NE 91ST STREET WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	112th Avenue to 116th Avenue NE	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>	
Replacement of approximately 1,080 feet of 6-inch asbestos concrete line with new 8-inch ductile iron pipe along NE 91st Street, between 112th Avenue and 116th Avenue NE.	

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Water Comprehensive Plan	Current Revenue 0 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	63,000
In-House Professional Svcs.	26,000
Land Acquisition	0
Construction	364,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>453,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0123 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	NE 91ST STREET WATERMAIN REPLACEMENT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Minor disruption to local traffic and pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system and a reduction in potential for property damage claims.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Highlands</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 30% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0124 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	NE 97TH STREET WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	112th Avenue NE to 116th Avenue NE	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>	
Replacement of approximately 1,630 feet of 6-inch asbestos concrete line with new 8-inch ductile iron pipe along NE 97th Street, between 112th Avenue NE and 116th Avenue NE. This is a candidate project included as a component of the Annual Watermain Replacement Program project, WA 8888.	

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Water Comprehensive Plan	Current Revenue 0 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	95,000
In-House Professional Svcs.	40,000
Land Acquisition	0
Construction	550,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>685,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0124 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	NE 97TH STREET WATERMAIN REPLACEMENT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Minor disruption to local traffic and pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system and a reduction in potential for property damage claims.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Highlands</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 30% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0126 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	NORTH RESERVOIR OUTLET METER ADDITION		
<b>PROJECT LOCATION</b>	Mark Twain Park	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>			
<p>Installation of a 16-inch meter, vault, telemetry and appurtenances on the 18-inch outlet piping. Also, modification of the master telemetry unit at the City Maintenance Center to include the monitoring of flows through this new meter. This joint facility improvement will require participation by the City of Redmond at their established proportionate share. This is a candidate project included as a component of the Annual Water Pump Station/System Upgrade Program project, WA 9999.</p>			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			

<b>POLICY BASIS</b>		<b>METHOD OF FINANCING (%)</b>	
Water Comprehensive Plan		Current Revenue	0 %
		Reserve	0 %
		Grants	0 %
		Other Sources	Joint Facility/Redmond 0 %
		Debt	0 %
		Unfunded	100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	10,000
In-House Professional Svcs.	4,000
Land Acquisition	0
Construction	58,300
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>72,300</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0126 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	NORTH RESERVOIR OUTLET METER ADDITION
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Minor disruption to local traffic and pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>City-wide, North Rose Hill</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input checked="" type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input type="checkbox"/> Project provides new capacity. Amount of new capacity provided: <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0127 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	650 BOOSTER PUMP STATION		
<b>PROJECT LOCATION</b>	NE 85th Street at 132nd Avenue NE	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>			
<p>A booster pump facility for the 650 Zone with a new below-grade vault with appropriate lighting, heating and ventilation equipment. The new pump(s) will have variable frequency drive equipment enabling the station to function as a backup supply for the 650 Zone. This joint facility improvement will require participation by the City of Redmond at their established proportionate share. This is a candidate project included as a component of the Annual Water Pump Station/System Upgrade Program project, WA 9999.</p>			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			

<b>POLICY BASIS</b>		<b>METHOD OF FINANCING (%)</b>	
Water Comprehensive Plan		Current Revenue	0 %
		Reserve	0 %
		Grants	0 %
		Other Sources Joint Facility/Redmond	0 %
		Debt	0 %
		Unfunded	100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	222,000
In-House Professional Svcs.	94,000
Land Acquisition	0
Construction	1,287,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>1,603,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0127 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	650 BOOSTER PUMP STATION
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Minor disruption to local traffic and pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>City-wide, North Rose Hill</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input checked="" type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input type="checkbox"/> Project provides new capacity. Amount of new capacity provided: <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0128 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	106TH AVE NE-110TH AVENUE NE/NE 116TH ST-NE 120TH STREET WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	106th Avenue NE to 110th Avenue NE, NE 116th Street to NE 120th Street, 110th Avenue NE to end of street	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>	
Replacement of approximately 4,270 feet of 4-inch and 6-inch asbestos concrete line with new 8-inch and 12-inch ductile iron pipe along NE 120th Street, between 106th Avenue NE and 110th Avenue NE and along 110th Avenue NE, between NE 116th Street and NE 120th Street, and on NE 116th Place, NE 117th Place, NE 118th Place, NE 118th Street and NE 119th Place, between 110th Avenue NE and the end of each respective street.	

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Water Comprehensive Plan	Current Revenue 0 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	319,000
In-House Professional Svcs.	135,000
Land Acquisition	0
Construction	1,851,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>2,305,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0128 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	106TH AVE NE-110TH AVENUE NE/NE 116TH ST-NE 120TH STREET WATERMAIN REPLACEMENT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Minor disruption to local traffic and pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system and a reduction in potential for property damage claims.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>North Juanita</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 30% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0129 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	SOUTH RESERVOIR RECOATING		
<b>PROJECT LOCATION</b>	NE 65th Street at 130th Ave NE	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Recoating existing reservoir. This joint facility improvement will require participation by the Cities of Redmond and Bellevue at their established proportionate shares on a total project cost of \$981,000.			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			

<b>POLICY BASIS</b>		<b>METHOD OF FINANCING (%)</b>	
Water Comprehensive Plan		Current Revenue	0 %
		Reserve	0 %
		Grants	0 %
		Other Sources Jt. Fac./Redmond-Bellevue	0 %
		Debt	0 %
		Unfunded	100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	0
In-House Professional Svcs.	193,000
Land Acquisition	0
Construction	788,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>981,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0129 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	SOUTH RESERVOIR RECOATING
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Minor disruption to local traffic and pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Bridle Trails</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 30% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0130 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	11TH PLACE WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	3rd Street to 4th Street	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Replacement of approximately 805 feet of 6-inch asbestos concrete line with new 8-inch ductile iron pipe along 11th Place, between 3rd Street and 4th Street. This is a candidate project included as a component of the Annual Watermain Replacement Program project, WA 8888.			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			

<b>POLICY BASIS</b>		<b>METHOD OF FINANCING (%)</b>	
Water Comprehensive Plan		Current Revenue	0 %
		Reserve	0 %
		Grants	0 %
		Other Sources	0 %
		Debt	0 %
		Unfunded	100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	47,000
In-House Professional Svcs.	20,000
Land Acquisition	0
Construction	272,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>339,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0130 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	11TH PLACE WATERMAIN REPLACEMENT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Minor disruption to local traffic and pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system and a reduction in potential for property damage claims.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Norkirk</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 30% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0131 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	SUPPLY STATION #1 IMPROVEMENTS		
<b>PROJECT LOCATION</b>	NE 69th Street at 140th Avenue NE, Redmond	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

**DESCRIPTION/JUSTIFICATION**

The installation of adequate lighting, heating and ventilation in the station. The replacement of the existing piping and valves with larger piping and valves to reduce pressure losses through the station and to ensure adequate supply for demands from the Redmond master meters. The installation of a new control valve to control rate of flow and pressure in both outlet pipes. The installation of new lighting, heating and ventilation equipment. Install electrical improvements as necessary for the new equipment. Install access improvements to improve safety when entering the station. This joint facility improvement will require participation by the Cities of Redmond and Bellevue at their established proportionate shares. This is a candidate project included as a component of the Annual Water Pump Station/System Upgrade Program project, WA 9999.

**REASON FOR MODIFICATION (WHERE APPLICABLE)**

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POLICY BASIS	METHOD OF FINANCING (%)
Water Comprehensive Plan	Current Revenue 0 %
	Reserve 0 %
	Grants 0 %
	Other Sources Jt. Fac./Redmond-Bellevue 0 %
	Debt 0 %
	Unfunded 100 %

CAPITAL COSTS	COSTS TO BE FUNDED
Planning/Design/Engineering	8,000
In-House Professional Svcs.	4,000
Land Acquisition	0
Construction	49,500
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>61,500</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0131 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	SUPPLY STATION #1 IMPROVEMENTS
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Minor disruption to local traffic and pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>City-wide</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input checked="" type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input type="checkbox"/> Project provides new capacity. Amount of new capacity provided: <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0132 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	7TH AVENUE/CENTRAL AVENUE WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	5th Street to 7th Street	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Replacement of approximately 1,500 feet of 8-inch asbestos concrete line and 8-inch cast iron watermain with new 12-inch ductile iron pipe along 7th Avenue and Central Avenue N, between 5th Street and approximately 7th Street.			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			

<b>POLICY BASIS</b>		<b>METHOD OF FINANCING (%)</b>	
Water Comprehensive Plan		Current Revenue	0 %
		Reserve	0 %
		Grants	0 %
		Other Sources	0 %
		Debt	0 %
		Unfunded	100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	126,000
In-House Professional Svcs.	53,000
Land Acquisition	0
Construction	728,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>907,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0132 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	7TH AVENUE/CENTRAL AVENUE WATERMAIN REPLACEMENT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Minor disruption to local traffic and pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system and a reduction in potential for property damage claims.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Norkirk, Highlands</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 30% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0133 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	KIRKLAND AVENUE WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	Railroad Avenue to Cedar Street	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

DESCRIPTION/JUSTIFICATION	
Replacement of approximately 550 feet of 6-inch asbestos concrete line with new 8-inch and 20-inch ductile iron pipe along Kirkland Avenue, between Railroad Avenue and Cedar Street.	

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	METHOD OF FINANCING (%)
Water Comprehensive Plan	Current Revenue 0 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 100 %

CAPITAL COSTS	COSTS TO BE FUNDED
Planning/Design/Engineering	62,000
In-House Professional Svcs.	26,000
Land Acquisition	0
Construction	358,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>446,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0133 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	KIRKLAND AVENUE WATERMAIN REPLACEMENT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Minor disruption to local traffic and pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system and a reduction in potential for property damage claims.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Everest</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 30% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0135 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	NE 75TH STREET WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	116th Avenue NE to 120th Avenue NE	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>	
Replacement of approximately 1,570 feet of 8-inch asbestos concrete line with new 8-inch and 12-inch ductile iron pipe along NE 75th Street, between 116th Avenue NE and 120th Avenue NE.	

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Water Comprehensive Plan	Current Revenue 0 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	98,000
In-House Professional Svcs.	42,000
Land Acquisition	0
Construction	571,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>711,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0135 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	NE 75TH STREET WATERMAIN REPLACEMENT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Minor disruption to local traffic and pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system and a reduction in potential for property damage claims.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>South Rose Hill, Bridle Trails</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 30% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0136 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	NE 74TH STREET WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	118th Avenue NE to 119th Avenue NE	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Replacement of approximately 460 feet of 6-inch asbestos concrete line with new 8-inch ductile iron pipe along NE 74th Street, between 118th Avenue NE and 119th Avenue NE. This is a candidate project included as a component of the Annual Watermain Replacement Program project, WA 8888.			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			

<b>POLICY BASIS</b>		<b>METHOD OF FINANCING (%)</b>	
Water Comprehensive Plan		Current Revenue	0 %
		Reserve	0 %
		Grants	0 %
		Other Sources	0 %
		Debt	0 %
		Unfunded	100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	27,000
In-House Professional Svcs.	11,000
Land Acquisition	0
Construction	155,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>193,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0136 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	NE 74TH STREET WATERMAIN REPLACEMENT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Minor disruption to local traffic and pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system and a reduction in potential for property damage claims.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	N/A
Benefits to other capital projects	N/A
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>South Rose Hill, Bridle Trails</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 30% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0137 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	NE 73RD STREET WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	116th Avenue NE to 119th Avenue NE	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Replacement of approximately 1,570 feet of 6-inch asbestos line with new 8-inch ductile iron pipe along NE 73rd Street, between 116th Avenue NE and 119th Avenue NE. This is a candidate project included as a component of the Annual Watermain Replacement Program project, WA 8888.			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			

<b>POLICY BASIS</b>		<b>METHOD OF FINANCING (%)</b>	
Water Comprehensive Plan		Current Revenue	0 %
		Reserve	0 %
		Grants	0 %
		Other Sources	0 %
		Debt	0 %
		Unfunded	100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	91,000
In-House Professional Svcs.	39,000
Land Acquisition	0
Construction	530,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>660,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0137 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	NE 73RD STREET WATERMAIN REPLACEMENT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Minor disruption to local traffic and pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system and a reduction in potential for property damage claims.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>South Rose Hill, Bridle Trails</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 30% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0138 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	NE 72ND STREET/130TH AVENUE NE WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	128th Avenue NE to 130th Avenue NE and NE 71st Street to NE 75th Street	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Replacement of approximately 3,500 feet of 8-inch cast iron and 2-inch polyvinyl chloride (PVC) with new 8-inch ductile iron pipe along NE 72nd Street, between 128th Avenue NE and 130th Avenue NE and along 130th Avenue NE, between NE 71st Street and NE 75th Street.			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			

<b>POLICY BASIS</b>		<b>METHOD OF FINANCING (%)</b>	
Water Comprehensive Plan		Current Revenue	0 %
		Reserve	0 %
		Grants	0 %
		Other Sources	0 %
		Debt	0 %
		Unfunded	100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	205,000
In-House Professional Svcs.	86,000
Land Acquisition	0
Construction	1,185,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>1,476,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0138 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	NE 72ND STREET/130TH AVENUE NE WATERMAIN REPLACEMENT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Minor disruption to local traffic and pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system and a reduction in potential for property damage claims.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>South Rose Hill, Bridle Trails</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 30% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0139 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	6TH STREET SOUTH WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	6th Street S from NE 68th Street to approximately 420 6th Street S	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Replacement of approximately 1,900 feet of 8-inch and 10-inch asbestos concrete line with new 16-inch ductile iron pipe along 6th Street S, between 5th Avenue S and NE 68th Street.			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			

<b>POLICY BASIS</b>		<b>METHOD OF FINANCING (%)</b>	
Water Comprehensive Plan		Current Revenue	0 %
		Reserve	0 %
<b>COUNCIL GOALS</b>		Grants	0 %
Dependable Infrastructure		Other Sources	0 %
		Debt	0 %
		Unfunded	100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	117,700
In-House Professional Svcs.	51,100
Land Acquisition	0
Construction	616,200
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>785,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0139 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	6TH STREET SOUTH WATERMAIN REPLACEMENT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Minor disruption to local traffic and pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system and a reduction in potential for property damage claims.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Everest, Central Houghton</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 30% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0145 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	6TH STREET SOUTH WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	Kirkland Avenue from Kirkland Way to 6th Street S; 6th Street S from Kirkland Ave to approximately 420 6th Street S	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Modified Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Replacement of approximately 1,200 feet of 10-inch asbestos concrete pipe with new 16-inch ductile iron pipe.			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			
Moved from Funded; project costs reduced from \$785,000 to \$585,000 as limits and overall length of project changed per the 2014 Water Comp Plan priorities; name changed to reflect new limits.			

<b>POLICY BASIS</b>		<b>METHOD OF FINANCING (%)</b>	
Water Comprehensive Plan		Current Revenue	0 %
		Reserve	0 %
		Grants	0 %
		Other Sources	0 %
		Debt	0 %
		Unfunded	100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	88,500
In-House Professional Svcs.	41,400
Land Acquisition	0
Construction	0
Comp. Hardware/Software	455,200
Equipment	0
Other Services	0
<b>Total</b>	<b>585,100</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0145 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	6TH STREET SOUTH WATERMAIN REPLACEMENT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Significant disruption to local traffic and minor disruption to pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Moss Bay, Everest</i> Is there a specific reference to this project or land use in the immediate <i>No</i> How does the project conform to such references? <i>N/A</i> Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 30% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0146 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	6TH STREET SOUTH/KIRKLAND WAY WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	6th Street S from Central Way to Kirkland Avenue and Kirkland Way	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
	from Kirkland Avenue to 6th Street S	Undetermined	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Replacement of approximately 2,200 feet of 8-inch asbestos and ductile iron pipe with new 12-inch ductile iron pipe. Project identified as potential candidate for WA 8888 - Annual Watermain Replacement Program project.			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			

<b>POLICY BASIS</b>		<b>METHOD OF FINANCING (%)</b>	
Water Comprehensive Plan		Current Revenue	0 %
		Reserve	0 %
		Grants	0 %
		Other Sources	0 %
		Debt	0 %
		Unfunded	100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	104,000
In-House Professional Svcs.	44,500
Land Acquisition	0
Construction	544,500
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>693,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0146 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	6TH STREET SOUTH/KIRKLAND WAY WATERMAIN REPLACEMENT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Significant disruption to local traffic and minor disruption to pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Moss Bay, Everest</i> Is there a specific reference to this project or land use in the immediate <i>N/A</i> How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 30% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0147 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	106TH AVENUE NE WATERMAIN REPLACEMENT PROJECT		
<b>PROJECT LOCATION</b>	106th Avenue NE from NE 60th Street to NE 68th Street	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>	
Replacement of approximately 2,100 feet of 6-inch asbestos concrete line with 8-inch ductile iron pipe. Project identified as potential candidate for WA 8888 - Annual Watermain Replacement Program project.	

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Water Comprehensive Plan	Current Revenue 0 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	99,000
In-House Professional Svcs.	42,500
Land Acquisition	0
Construction	520,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>661,500</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0147 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	106TH AVENUE NE WATERMAIN REPLACEMENT PROJECT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Significant disruption to local traffic and minor disruption to pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Central Houghton</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 15% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0149 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	LAKE WASHINGTON BLVD WATERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	Lake Washington Blvd NE, Northup Way and NE 37th Circle	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	New Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Replacement of approximately 1,584 feet of undersized 8 and 10-inch diameter asbestos cement and ductile iron water main originally installed as early as the 1970's with 12 and 16-inch ductile iron water main. The proposed improvements include 12-inch water main in Lake Washington Blvd from NE 38th Place to Northup Way, and a 16-inch water main in Northup Way from Lake Washington Blvd to the Bellevue intertie (shared connection).			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			

<b>POLICY BASIS</b>		<b>METHOD OF FINANCING (%)</b>	
Sewer Comprehensive Plan		Current Revenue	0 %
		Reserve	0 %
		Grants	0 %
		Other Sources	0 %
		Debt	0 %
		Unfunded	100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	102,000
In-House Professional Svcs.	68,000
Land Acquisition	0
Construction	485,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>655,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>WA 0149 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	LAKE WASHINGTON BLVD WATERMAIN REPLACEMENT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>Significant disruption to local traffic and minor disruption to pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Responds to an urgent need or opportunity	<i>Benefits area residents through increased fire flow and improved system reliability.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Lakeview</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 30% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 0068 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	124TH AVENUE NE SEWER MAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	NE 112th Street to NE 116th Street	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>	
Replace existing 8-inch polyvinyl chloride (PVC) sewerline with approximately 1,030 feet of 12-inch PVC sewerline.	

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Sewer Comprehensive Plan	Current Revenue 0 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	216,000
In-House Professional Svcs.	108,000
Land Acquisition	0
Construction	991,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>1,315,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 0068 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	124TH AVENUE NE SEWER MAIN REPLACEMENT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>During construction (from three to four months), traffic control will be required along 124th Avenue NE. Noise and congestion should be anticipated by adjacent residents.</i>
Community economic impacts	<i>None anticipated.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Will reduce potential for surcharging and the need for high maintenance.</i>
Responds to an urgent need or opportunity	<i>Addressed in the Sanitary Sewer Comprehensive Plan.</i>
Feasibility, including public support and project readiness	<i>The project, an element of the City Council-adopted Sanitary Sewer Comprehensive Plan, presents no significant difficulties.</i>
Conforms to legal or contractual obligations	<i>The project will be designed and constructed to meet professional and legal requirements and guidelines.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>Will improve overall system reliability and free up maintenance resources.</i>
Implications of deferring the project	<i>Potential for system failure, possible surcharging, and above average requirement for maintenance and inspection.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>North Rose Hill, Totem Lake</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 70% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 0077 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	WEST OF MARKET SEWERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	Market Neighborhood	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Existing Project

<b>DESCRIPTION/JUSTIFICATION</b>	
The replacement of approximately 20,000 feet of concrete sewermain in the Market Neighborhood, Market Street to Lake Washington and Waverly Way to 20th Place West.	

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Sewer Comprehensive Plan	Current Revenue 0 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	3,564,000
In-House Professional Svcs.	1,782,000
Land Acquisition	0
Construction	16,335,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>21,681,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 0077 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	WEST OF MARKET SEWERMAIN REPLACEMENT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>During construction traffic control will be required. Noise and congestion should be anticipated by residents and motorists in the area.</i>
Community economic impacts	<i>None anticipated.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Will reduce potential for infiltration and inflow (I &amp; I), surcharging and the need for high maintenance.</i>
Responds to an urgent need or opportunity	<i>Addressed in the Sanitary Sewer Comprehensive Plan.</i>
Feasibility, including public support and project readiness	<i>The project, an element of the City Council-adopted Sanitary Sewer Comprehensive Plan, presents no significant difficulties.</i>
Conforms to legal or contractual obligations	<i>The projects will be designed and constructed to meet professional and legal requirements and guidelines.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>Will improve overall system reliability and free up maintenance resources currently required on the line.</i>
Implications of deferring the project	<i>Increased maintenance, possible disruption in service.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Market, Norkirk</i> Is there a specific reference to this project or land use in the immediate <i>No</i> How does the project conform to such references? <i>No</i> Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input checked="" type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input type="checkbox"/> Project provides new capacity. Amount of new capacity provided: <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 0080 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	20TH AVENUE SEWERMAIN REPLACEMENT		
<b>PROJECT LOCATION</b>	20th Avenue from 4th Place to 4th Street	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Modified Project

<b>DESCRIPTION/JUSTIFICATION</b>			
<p>Replace existing 8-inch sewer line with approximately 365 linear feet of 8-inch diameter polyvinyl chloride (PVC) sewer pipe. Work extends from 4th Place to 4th Street. Poor soils or trench failures have contributed to shifting sections of sewer main, creating low spots that lead to more frequent maintenance.</p>			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			
<p>Moved from Funded based on updated prioritization per Comprehensive Water Plan priorities.</p>			

<b>POLICY BASIS</b>		<b>METHOD OF FINANCING (%)</b>	
Sewer Comprehensive Plan		Current Revenue	100 %
		Reserve	0 %
		Grants	0 %
		Other Sources	0 %
		Debt	0 %
		Unfunded	0 %

  

<b>COUNCIL GOALS</b>	
Environment	
Dependable Infrastructure	

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	130,000
In-House Professional Svcs.	73,000
Land Acquisition	0
Construction	609,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>812,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 0080 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	20TH AVENUE SEWERMAIN REPLACEMENT
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>During construction traffic control will be required. Noise and congestion should be anticipated by residents and motorists in the area.</i>
Community economic impacts	<i>None anticipated.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Will reduce potential for infiltration and inflow (I &amp; I), surcharging and the need for high maintenance.</i>
Responds to an urgent need or opportunity	<i>Addressed in the Sanitary Sewer Comprehensive Plan.</i>
Feasibility, including public support and project readiness	<i>The project, an element of the City Council-adopted Sanitary Sewer Comprehensive Plan, presents no significant difficulties.</i>
Conforms to legal or contractual obligations	<i>The projects will be designed and constructed to meet professional and legal requirements and guidelines.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>Will improve overall system reliability and free up maintenance resources currently required on the line.</i>
Implications of deferring the project	<i>Increased maintenance, possible disruption in service.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Norkirk, South Juanita</i> Is there a specific reference to this project or land use in the immediate <i>No</i> How does the project conform to such references? <i>No</i> Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input checked="" type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input type="checkbox"/> Project provides new capacity. Amount of new capacity provided: <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 0083 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	111TH AVENUE NE SEWER MAIN REHABILITATION		
<b>PROJECT LOCATION</b>	111th Ave NE From 4913 to NE 53rd Street	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	New Project

<b>DESCRIPTION/JUSTIFICATION</b>			
Replace, pipe burst, or reline existing sewer line with new 8-inch inch diameter line. Include associated manhole rehabilitation and lateral connections.			

<b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b>			

<b>POLICY BASIS</b>		<b>METHOD OF FINANCING (%)</b>	
Sewer Comprehensive Plan		Current Revenue	0 %
		Reserve	0 %
		Grants	0 %
		Other Sources	0 %
		Debt	0 %
		Unfunded	100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	108,000
In-House Professional Svcs.	50,000
Land Acquisition	0
Construction	567,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>725,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 0083 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	111TH AVENUE NE SEWER MAIN REHABILITATION
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>During construction traffic control will be required. Noise and congestion should be anticipated by residents and motorists in the area.</i>
Community economic impacts	<i>None anticipated.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Will reduce potential for infiltration and inflow (I &amp; I), surcharging and the need for high maintenance.</i>
Responds to an urgent need or opportunity	<i>Addressed in the Sanitary Sewer Comprehensive Plan.</i>
Feasibility, including public support and project readiness	<i>This type of project is an element of the City Council-adopted Sanitary Sewer Comprehensive Plan, presents no significant difficulties.</i>
Conforms to legal or contractual obligations	<i>The projects will be designed and constructed to meet professional and legal requirements and guidelines.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>Will improve overall system reliability and free up maintenance resources currently required on the line.</i>
Implications of deferring the project	<i>Increased maintenance, possible disruption in service.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>Central Houghton</i> Is there a specific reference to this project or land use in the immediate <i>No</i> How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input checked="" type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input type="checkbox"/> Project provides new capacity. Amount of new capacity provided: <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 0084 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	RECLAIMED WATER (PURPLE PIPE) OPPORTUNITY FUND		
<b>PROJECT LOCATION</b>	City-wide for business and industrial	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	New Project

**DESCRIPTION/JUSTIFICATION**

A “placeholder” to prepare for the potential opportunity to coordinate with King County Dept. of Water, Land, Resources and Parks Dept. to install a permanent regional reclaimed water service conveyance system within Kirkland. Included is support towards potential pump/lift and booster pump stations, along with taps to access the main conveyance for temporary and/or permanent service conveyance systems for city and business community applications. These application could include general/light industrial private businesses, and other institutions (health and academic). A study underway in 2015 will evaluate potential reclaimed water use by both existing businesses and institutions and prospective reclaimed water use for future businesses based on the City’s development and sustainability plans. Possible uses include potential ongoing drought relief uses, standard irrigation, and industrial cooling water, manufacturing processes, auto dealership water uses, toilet flushing, environmental enhancements (i.e., wetlands and construction improvement projects) and irrigation.

**REASON FOR MODIFICATION (WHERE APPLICABLE)**

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<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Sewer Comprehensive Plan	Current Revenue 0 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 100 %

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	887,000
In-House Professional Svcs.	413,000
Land Acquisition	0
Construction	3,700,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	<b>5,000,000</b>
<b>NEW MAINT. AND OPER.</b>	<b>0</b>
<b>NEW FTE</b>	<b>0.00</b>

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

<b>PROJECT #</b>	<b>SS 0084 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	RECLAIMED WATER (PURPLE PIPE) OPPORTUNITY FUND
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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>During construction traffic control will be required. Noise and congestion should be anticipated by residents and motorists in the area.</i>
Community economic impacts	<i>Public facility upgrades allow continued development as called for in the City's comprehensive plan.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through providing an option for abundant non-potable water.</i>
Responds to an urgent need or opportunity	<i>A future opportunity for available reclaimed water as a sustainable alternative water source.</i>
Feasibility, including public support and project readiness	<i>This type of project is an element of the City Council-adopted Sanitary Sewer Comprehensive Plan.</i>
Conforms to legal or contractual obligations	<i>N/A</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>Serves to reduce certain demands on the potable water supply.</i>
Implications of deferring the project	<i>A lost opportunity for an available resource.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	Name of Neighborhood(s) in which located: <i>City-wide</i> Is there a specific reference to this project or land use in the immediate How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
<b>LEVEL OF SERVICE IMPACT</b>	<input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: To be determined <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.