

Water and Sewer Utilities



Capital Improvement Program



**City of Kirkland
2013-2018 Capital Improvement Program**

WATER/SEWER UTILITY PROJECTS

Funded Projects:

Project Number	Project Title	Prior Year(s)	2013	2014	2015	2016	2017	2018	2013-18 Total	Funding Source			
										Current Revenue	Reserve	Debt	External Source
WA 0090	Emergency Sewer Pgm Watermain Replacement Pgm		50,000		50,000		50,000		150,000	150,000			
WA 0102*	10th Ave NE Watermain Replacement				50,000		974,500		974,500	974,500			
WA 0116	NE 80th Street Watermain Replacement (Phase II)		442,000	2,394,400					2,836,400	869,000		1,967,400	
WA 0121	NE 109th Ave/106th Court NE Watermain Replacement	215,000	156,300						156,300	156,300			
WA 0134+	5th Ave S / 8th St S Watermain Replacement							850,000	850,000	850,000			
WA 0139+	6th Street S Watermain Replacement	625,000	2,413,000						671,000	671,000			
WA 0140+	NE 85th Street Watermain Replacement								2,413,000	2,413,000			
WA 0145	Kirkland Avenue/6th Street S Watermain Replacement		62,000	235,000		755,000			755,000	755,000			
WA 8888*	Annual Watermain Replacement Program						385,000	385,000	770,000	770,000			
WA 9999*	Annual Water Pump Station/System Upgrade Pgm						385,000	385,000	992,000	992,000			
SS 0036	Emergency Sewer Construction Program		922,000	478,000	969,000	431,000	950,000	450,000	4,200,000		4,200,000		
SS 0064**	7th Avenue South Sewermain Replacement					593,000	1,053,000		1,646,000	1,646,000			
SS 0067*	NE 80th Street Sewermain Replacement (Phase II)		600,000	1,836,000					2,436,000	365,400		2,070,600	
SS 0073**	Rose Point Sewer Lift Station Replacement			944,400					2,287,400	2,287,400			
SS 0078	5th Avenue S Sewermain Replacement			188,900	38,000				226,900	226,900			
SS 0079	3rd Avenue S & 2nd Street S Sewermain Replacement			487,000		740,000			1,227,000	1,227,000			
SS 0080	20th Avenue Sewermain Replacement							812,000	812,000	812,000			
SS 0081	7th / 8th Avenue West Alley Sewermain Replacement		354,000						354,000	354,000			
SS 8888*	Annual Sanitary Pipeline Replacement Program				446,500	377,000	213,000	441,000	1,477,500	1,477,500			
SS 9999*	Annual Sanitary Pump Station/System Upgrade Pgm			446,500	446,500	377,000	212,500	400,000	1,436,000	1,436,000			
Total Funded Water/Sewer Utility Projects		841,000	4,999,300	6,076,700	4,673,000	3,273,000	4,223,000	3,723,000	26,968,000	18,730,000	4,200,000	4,038,000	0

**City of Kirkland
2013-2018 Capital Improvement Program**

WATER/SEWER UTILITY PROJECTS

Unfunded Projects:

Project Number	Project Title	Total
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 0146^	6th Street/Kirkland Way Watermain Replacement	693,000
WA 0147^	106th Avenue NE from NE 60th Street to NE 68th Street	661,500
SS 0051	6th Street South Sewermain Replacement	804,000
SS 0052	108th Avenue NE Sewermain Replacement	5,110,000
SS 0062^	NE 108th Street Sewermain Replacement/Rehabilitation	4,405,000
SS 0068	124th Avenue NE Sewermain Replacement	1,315,000
SS 0069	1st Street Sewermain Replacement	3,945,000
SS 0070	5th Street Sewermain Replacement	1,354,000
SS 0071	6th Street Sewermain Replacement	308,000
SS 0072	Kirkland Avenue Sewermain Replacement	1,980,000
SS 0077	West Of Market Sewermain Replacement	21,681,000
Subtotal Unfunded Water/Sewer Utility Projects		76,002,500
Funding Available from Annual Programs for Candidate Projects		4,625,500
Net Unfunded Water/Sewer Utility Projects		71,327,000

Prior Year(s) Funding (Budget to Actuals):

Project Number	Project Title	Budget	Actual	Balance
WA 0121	NE 109th Ave/106th Court NE Watermain Replacement	215,000	0	215,000
Total Prior Year(s) Funding (Budget to Actuals):		215,000	0	215,000

Notes
 * = Modification in timing and/or cost (see Project Modification Schedule for greater detail)
 + = Moved from unfunded status to funded status
 " = Moved from funded status to unfunded status
 ^ = Annual Watermain or Sanitary Pipeline Replacement Program Project Candidates
 # = Annual Pump Station/System Upgrade Program Project Candidates
 Shaded year(s) = Previous timing
Bold italics = New projects

Funded
Water/Sewer Utility Projects



**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0090 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	EMERGENCY SEWER PROGRAM WATERMAIN REPLACEMENT PROGRAM		
PROJECT LOCATION	Various locations throughout the City but primarily within South and North Rose Hill and South and North Juanita Neighborhoods	PROJECT START	PROJECT STATUS
		Ongoing	Existing Project

DESCRIPTION/JUSTIFICATION	
The replacement of existing watermain and water system appurtenances on an as-needed basis to coincide with the biennial Emergency Sewer Program project.	

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	METHOD OF FINANCING (%)
2006 Water Comprehensive Plan	Current Revenue 100 % Reserve 0 % Grants 0 % Other Sources 0 % Debt 0 % Unfunded 0 %

CAPITAL COSTS	Prior Year(s)	2013	2014	2015	2016	2017	2018	2013-2018 TOTAL	Future Year(s)	Total Project
Planning/Design/Engineering	0	0	0	0	0	0	0	0	0	0
In-House Professional Svcs.	0	0	0	0	0	0	0	0	0	0
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	50,000	0	50,000	0	50,000	0	150,000	0	150,000
Computer 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
Total	0	50,000	0	50,000	0	50,000	0	150,000	0	150,000
NEW MAINT. AND OPER.	0	0	0	0	0	0	0	0	0	0
NEW FTE	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
2013 TO 2018**

PROJECT #	WA 0090 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	EMERGENCY SEWER PROGRAM WATERMAIN REPLACEMENT PROGRAM
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>Capitalizes on contractor availability and efficiencies through coordinated construction efforts associated with the biennial Emergency Sewer Program.</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	
Benefits to other capital projects	<i>Scheduled to coincide with biennial Emergency Sewer Program in order to correct water system deficiencies, as encountered, during the time of the ESP construction.</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0102 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	104TH AVE NE WATERMAIN REPLACEMENT		
PROJECT LOCATION	NE 108th Street to NE 113th Street	PROJECT START	PROJECT STATUS
		2017	Modified Project

DESCRIPTION/JUSTIFICATION	
Replacement of approximately 1,600 linear feet of 4-inch AC line with new 8-inch ductile iron pipe on 104th Avenue NE between NE 108th Street and NE 113th Street. Cost includes half-street overlay.	

REASON FOR MODIFICATION (WHERE APPLICABLE)
Project start date changed from 2016 to 2017; total project cost increased from \$937,000 due to updated cost estimate.

POLICY BASIS	METHOD OF FINANCING (%)
2006 Water Comprehensive Plan	Current Revenue 100 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 0 %

CAPITAL COSTS	Prior Year(s)	2013	2014	2015	2016	2017	2018	2013-2018 TOTAL	Future Year(s)	Total Project
Planning/Design/Engineering	0	0	0	0	0	136,800	0	136,800	0	136,800
In-House Professional Svcs.	0	0	0	0	0	55,800	0	55,800	0	55,800
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	781,900	0	781,900	0	781,900
Computer 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
Total	0	0	0	0	0	974,500	0	974,500	0	974,500
NEW MAINT. AND OPER.	0	0	0	0	0	0	0	0	0	0
NEW FTE	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
2013 TO 2018**

PROJECT #	WA 0102 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	104TH AVE NE WATERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0116 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	NE 80TH STREET WATERMAIN REPLACEMENT (PHASE 2)		
PROJECT LOCATION	NE 80th Street, approximately 124th Avenue NE to 132nd Avenue NE; NE 80th Street, 116th Avenue NE to 120th Avenue NE	PROJECT START	PROJECT STATUS
		2013	Modified Project

DESCRIPTION/JUSTIFICATION

This Phase 2 improvement consist of replacing approximately 2,550 lineal feet of existing watermain with 20-inch ductile iron pipe on NE 80th St, from the eastern terminus of a completed (2008) Phase 1 project to 132nd Ave NE. Also includes approximate 280 feet of 8-inch water main for lateral connections, all associated fire hydrants and water services, etc. This Phase 2 improvement also includes 315 lineal feet of 20-inch, 790 lineal feet of 12-inch, and 120 lineal feet of 8-inch ductile iron pipe on NE 80th St from approximately 116th Ave NE to 270 feet east to the western terminus of the completed Phase 1 improvements. The project shares the cost of the ACP overlay with NE 80th Street Phase 2 sewer improvements under SS0067. This installation is to service the 545 gradient zone.

REASON FOR MODIFICATION (WHERE APPLICABLE)

Total project cost increased from \$2,314,800 based on new construction cost estimates. Project description changed for consistency with Comprehensive Plan and 545 Zone improvement needs, and for coordination with other adjacent CIP projects.

POLICY BASIS

2006 Water Comprehensive Plan

METHOD OF FINANCING (%)

Current Revenue	31 %
Reserve	0 %
Grants	0 %
Other Sources	0 %
Debt (PWTF - \$1,967,400)	69 %
Unfunded	0 %

CAPITAL COSTS	Prior Year(s)	2013	2014	2015	2016	2017	2018	2013-2018 TOTAL	Future Year(s)	Total Project
Planning/Design/Engineering	0	72,000	261,800	0	0	0	0	333,800	0	333,800
In-House Professional Svcs.	0	23,300	122,400	0	0	0	0	145,700	0	145,700
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	346,700	2,010,200	0	0	0	0	2,356,900	0	2,356,900
Computer 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
Total	0	442,000	2,394,400	0	0	0	0	2,836,400	0	2,836,400
NEW MAINT. AND OPER.	0	0	0	0	0	0	0	0	0	0
NEW FTE	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
2013 TO 2018**

PROJECT #	WA 0116 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	NE 80TH STREET WATERMAIN REPLACEMENT (PHASE 2)
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0121 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	NE 109TH STREET/106TH COURT NE WATERMAIN REPLACEMENT		
PROJECT LOCATION	104th Avenue NE to 106th Court NE	PROJECT START	PROJECT STATUS
		2012	Existing Project

DESCRIPTION/JUSTIFICATION	
Replacement of approximately 884 linear feet of 4-inch AC line with new 8-inch ductile iron pipe along NE 109th Street, between 104th Avenue NE and beyond 106th Court NE, and on 106th Court NE from NE 109th Street to the end of the street.	

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	PRIOR YEAR(S) BUDGET TO ACTUALS	METHOD OF FINANCING (%)	
2006 Water Comprehensive Plan	Budget	\$215,000	
	Actual		
	Balance		
		Current Revenue	100 %
		Reserve	0 %
		Grants	0 %
		Other Sources	0 %
		Debt	0 %
		Unfunded	0 %

CAPITAL COSTS	Prior Year(s)	2013	2014	2015	2016	2017	2018	2013-2018 TOTAL	Future Year(s)	Total Project
Planning/Design/Engineering	29,500	25,100	0	0	0	0	0	25,100	0	54,600
In-House Professional Svcs.	12,900	12,800	0	0	0	0	0	12,800	0	25,700
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	172,600	118,400	0	0	0	0	0	118,400	0	291,000
Computer 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
Total	215,000	156,300	0	0	0	0	0	156,300	0	371,300
NEW MAINT. AND OPER.	0	0	0	0	0	0	0	0	0	0
NEW FTE	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
2013 TO 2018**

PROJECT #	WA 0121 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	NE 109TH STREET/106TH COURT NE WATERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0134 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	5TH AVENUE S/8TH STREET S WATERMAIN REPLACEMENT		
PROJECT LOCATION	5th Ave from 6th Street S to 8th Street S/8th St from 5th Avenue S to Kirkland Avenue	PROJECT START	PROJECT STATUS
		2017	Modified Project

DESCRIPTION/JUSTIFICATION			
Replacement of approximately 2,170 linear feet of 6-inch AC 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.			

REASON FOR MODIFICATION (WHERE APPLICABLE)			
Project moved from unfunded to funded with a start in 2018; total project cost decreased from \$1,420,000 due to modified scope and updated cost estimate.			

POLICY BASIS	METHOD OF FINANCING (%)
2006 Water Comprehensive Plan	Current Revenue 100 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 0 %

CAPITAL COSTS	Prior Year(s)	2013	2014	2015	2016	2017	2018	2013-2018 TOTAL	Future Year(s)	Total Project
Planning/Design/Engineering	0	0	0	0	0	0	128,200	128,200	0	128,200
In-House Professional Svcs.	0	0	0	0	0	0	54,500	54,500	0	54,500
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	667,300	667,300	0	667,300
Computer 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
Total	0	0	0	0	0	0	850,000	850,000	0	850,000
NEW MAINT. AND OPER.	0	0	0	0	0	0	0	0	0	0
NEW FTE	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
2013 TO 2018**

PROJECT #	WA 0134 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	5TH AVENUE S/8TH STREET S WATERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0139 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	6TH STREET SOUTH WATERMAIN REPLACEMENT		
PROJECT LOCATION	6th Street S from NE 68th Street to approximately 420 6th Street S	PROJECT START	PROJECT STATUS
		2015	Modified Project

DESCRIPTION/JUSTIFICATION	
Replacement of approximately 1,900 linear feet of 8" and 10" AC pipe with new 16" ductile iron pipe along 6th Street S, between 5th Avenue S and NE 68th Street.	

REASON FOR MODIFICATION (WHERE APPLICABLE)
Project moved from unfunded to funded with a start in 2015; total project cost increased from \$584,000 due to updated cost estimate.

POLICY BASIS	METHOD OF FINANCING (%)
2006 Water Comprehensive Plan	Current Revenue 100 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 0 %

CAPITAL COSTS	Prior Year(s)	2013	2014	2015	2016	2017	2018	2013-2018 TOTAL	Future Year(s)	Total Project
Planning/Design/Engineering	0	0	0	100,600	0	0	0	100,600	0	100,600
In-House Professional Svcs.	0	0	0	43,700	0	0	0	43,700	0	43,700
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	526,700	0	0	0	526,700	0	526,700
Computer 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
Total	0	0	0	671,000	0	0	0	671,000	0	671,000
NEW MAINT. AND OPER.	0	0	0	0	0	0	0	0	0	0
NEW FTE	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
2013 TO 2018**

PROJECT #	WA 0139 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	6TH STREET SOUTH WATERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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 vicinity? How does the project conform to such references? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0140 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	NE 85TH STREET WATERMAIN REPLACEMENT		
PROJECT LOCATION	NE 85th Street from 114th Avenue NE to 132nd Avenue NE	PROJECT START	PROJECT STATUS
		2012	Modified Project

DESCRIPTION/JUSTIFICATION

Replacement of approximately 5,800 lineal feet of 16-inch RCCP transmission watermain with new 24-inch ductile iron pipe along NE 85th Street, from the existing PRV Vault near 114th Ave NE to 132nd Ave NE. Includes the replacement of the existing fire hydrants, existing lateral connections at the intersections of 114th, 120th, 122nd, 124th, 126th, 128th and 132nd Avenues NE.

REASON FOR MODIFICATION (WHERE APPLICABLE)

Project name changed from NE 80th Street Watermain Replacement Phase 2; project moved from unfunded to funded with a start in 2012 at City Council meeting of July 17, 2012; total project costs increased from \$2,863,000 due to updated cost estimate.

POLICY BASIS	PRIOR YEAR(S) BUDGET TO ACTUALS	METHOD OF FINANCING (%)	
2006 Water Comprehensive Plan	Budget	\$626,000	
	Actual		
	Balance		
		Current Revenue	100 %
		Reserve	0 %
		Grants	0 %
		Other Sources	0 %
		Debt	0 %
		Unfunded	0 %

CAPITAL COSTS	Prior Year(s)	2013	2014	2015	2016	2017	2018	2013-2018 TOTAL	Future Year(s)	Total Project
Planning/Design/Engineering	111,500	420,700	0	0	0	0	0	420,700	0	532,200
In-House Professional Svcs.	50,500	181,100	0	0	0	0	0	181,100	0	231,600
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	464,000	1,811,200	0	0	0	0	0	1,811,200	0	2,275,200
Computer 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
Total	626,000	2,413,000	0	0	0	0	0	2,413,000	0	3,039,000
NEW MAINT. AND OPER.	0	0	0	0	0	0	0	0	0	0
NEW FTE	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
2013 TO 2018**

PROJECT #	WA 0140 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	NE 85TH STREET WATERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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 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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0145 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	KIRKLAND AVENUE/6TH STREET SOUTH WATERMAIN REPLACEMENT		
PROJECT LOCATION	Kirkland Avenue from Kirkland Way to 6th Street S; 6th Street S from Kirkland Ave to approximately 420 6th Street S	PROJECT START	PROJECT STATUS
		2016	New Project

DESCRIPTION/JUSTIFICATION	
Replacement of approximately 2,000 linear feet of 10-inch AC pipe with 1,200 linear feet of new 16-inch ductile iron pipe and 800 linear feet of new 12-inch ductile iron pipe.	

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	METHOD OF FINANCING (%)
2006 Water Comprehensive Plan	Current Revenue 100 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 0 %

CAPITAL COSTS	Prior Year(s)	2013	2014	2015	2016	2017	2018	2013-2018 TOTAL	Future Year(s)	Total Project
Planning/Design/Engineering	0	0	0	0	111,400	0	0	111,400	0	111,400
In-House Professional Svcs.	0	0	0	0	47,400	0	0	47,400	0	47,400
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Computer Hardware/Software	0	0	0	0	596,200	0	0	596,200	0	596,200
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	755,000	0	0	755,000	0	755,000
NEW MAINT. AND OPER.	0	0	0	0	0	0	0	0	0	0
NEW FTE	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
2013 TO 2018**

PROJECT #	WA 0145 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	KIRKLAND AVENUE/6TH STREET SOUTH WATERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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? <i>No</i> How does the project conform to such references? <i>N/A</i> Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0148 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	PARK LANE WATERMAIN REPLACEMENT PROJECT		
PROJECT LOCATION	106th Avenue NE from NE 60th Street to NE 68th Street	PROJECT START	PROJECT STATUS
		2013	New Project

DESCRIPTION/JUSTIFICATION	
Replacement of approximately 800 linear feet of cast iron waterline with 8" ductile iron pipe. Project identified as a companion project and one to constructed only in conjunction with NM 0064 001, Park Land Pedestrian Enhancement Project, in order to minimize business impacts.	

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)	2013	2014	2015	2016	2017	2018	2013-2018 TOTAL	Future Year(s)	Total Project
Planning/Design/Engineering	0	43,000	14,000	0	0	0	0	57,000	0	57,000
In-House Professional Svcs.	0	19,000	8,800	0	0	0	0	27,800	0	27,800
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	0	212,200	0	0	0	0	212,200	0	212,200
Computer 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
Total	0	62,000	235,000	0	0	0	0	297,000	0	297,000
NEW MAINT. AND OPER.	0	0	0	0	0	0	0	0	0	0
NEW FTE	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
2013 TO 2018**

PROJECT #	WA 0148 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	PARK LANE WATERMAIN REPLACEMENT PROJECT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 8888 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	ANNUAL WATERMAIN REPLACEMENT PROGRAM		
PROJECT LOCATION	City-wide	PROJECT START	PROJECT STATUS
		Ongoing	Modified Project

DESCRIPTION/JUSTIFICATION

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.

REASON FOR MODIFICATION (WHERE APPLICABLE)

An updated priority ranking of individual projects was added to the description. Project timing and costs have been updated. Total project cost changed from \$1,000,000 and reflects available remaining funds after funded projects are identified.

POLICY BASIS

2006 Water Comprehensive Plan

METHOD OF FINANCING (%)

Current Revenue	100 %
Reserve	0 %
Grants	0 %
Other Sources	0 %
Debt	0 %
Unfunded	0 %

CAPITAL COSTS	Prior Year(s)	2013	2014	2015	2016	2017	2018	2013-2018 TOTAL	Future Year(s)	Total Project
Planning/Design/Engineering	0	0	0	0	0	0	0	0	0	0
In-House Professional Svcs.	0	0	0	0	0	0	0	0	0	0
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	385,000	385,000	770,000	0	770,000
Computer 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
Total	0	0	0	0	0	385,000	385,000	770,000	0	770,000
NEW MAINT. AND OPER.	0	0	0	0	0	0	0	0	0	0
NEW FTE	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
2013 TO 2018**

PROJECT #	WA 8888 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	ANNUAL WATERMAIN REPLACEMENT PROGRAM
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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> Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 9999 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	ANNUAL WATER PUMP STATION/SYSTEM UPGRADE PROGRAM		
PROJECT LOCATION	City-wide	PROJECT START	PROJECT STATUS
		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)

Project timing and costs have been updated. Total project cost changed from \$1,042,500 and reflects available remaining funds after funded projects are identified.

POLICY BASIS

2006 Water Comprehensive Plan

METHOD OF FINANCING (%)

Current Revenue	100 %
Reserve	0 %
Grants	0 %
Other Sources	0 %
Debt	0 %
Unfunded	0 %

CAPITAL COSTS	Prior Year(s)	2013	2014	2015	2016	2017	2018	2013-2018 TOTAL	Future Year(s)	Total Project
Planning/Design/Engineering	0	0	0	0	0	0	0	0	0	0
In-House Professional Svcs.	0	0	0	0	0	0	0	0	0	0
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	222,000	0	385,000	385,000	992,000	0	992,000
Computer 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
Total	0	0	0	222,000	0	385,000	385,000	992,000	0	992,000
NEW MAINT. AND OPER.	0	0	0	0	0	0	0	0	0	0
NEW FTE	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
2013 TO 2018**

PROJECT #	WA 9999 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	ANNUAL WATER PUMP STATION/SYSTEM UPGRADE PROGRAM
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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> Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	SS 0056 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	EMERGENCY SEWER CONSTRUCTION PROGRAM		
PROJECT LOCATION	City-wide	PROJECT START	PROJECT STATUS
		Ongoing	Existing Project

DESCRIPTION/JUSTIFICATION

Installation of sewermain extensions to accommodate side sewer connections for properties currently served by septic systems and meeting the program's criteria. City Ordinance No. 3638 directs the need for this project.

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	METHOD OF FINANCING (%)
City Ordinance 3638	Current Revenue 0 % Reserve 100 % Grants 0 % Other Sources 0 % Debt 0 % Unfunded 0 %

CAPITAL COSTS	Prior Year(s)	2013	2014	2015	2016	2017	2018	2013-2018 TOTAL	Future Year(s)	Total Project
Planning/Design/Engineering	0	125,000	45,200	131,500	43,900	128,900	43,300	517,800	0	517,800
In-House Professional Svcs.	0	102,000	22,600	107,300	20,600	105,200	22,100	379,800	0	379,800
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	695,000	410,200	730,200	366,500	715,900	384,600	3,302,400	0	3,302,400
Computer 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
Total	0	922,000	478,000	969,000	431,000	950,000	450,000	4,200,000	0	4,200,000
NEW MAINT. AND OPER.	0	0	0	0	0	0	0	0	0	0
NEW FTE	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
2013 TO 2018**

PROJECT #	SS 0056 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	EMERGENCY SEWER CONSTRUCTION PROGRAM
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
Amount of public disruption and inconvenience caused	<i>It is reasonable to expect vehicular and pedestrian traffic will be temporarily affected in the vicinity of the construction work.</i>
Community economic impacts	<i>Minor disruptions of access to businesses could occur.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Elimination of the failing septic tank systems will positively affect the health of residents in the affected area.</i>
Responds to an urgent need or opportunity	<i>The project is a direct result of the passage of City Ordinance No. 3638 which addresses the need to treat these failing septic systems as emergency situations as they occur and to remedy the problem as soon as possible.</i>
Feasibility, including public support and project readiness	<i>Project has public support and is feasible.</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>N/A</i>
Implications of deferring the project	<i>Deferring the project reduces the options available to homeowners in their attempt to remedy a failing septic tank system, including higher construction costs and the detrimental effect to water quality in the vicinity of unremedied septic tank failures.</i>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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>Yes; see XI-2</i> How does the project conform to such references? <i>referenced specifically</i> Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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: 100% (for currently unsewered areas) <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
2013 TO 2018**

PROJECT #	SS 0064 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	7TH AVENUE SOUTH SEWERMAIN REPLACEMENT		
PROJECT LOCATION	7th Avenue S from State Street to 5th Street S	PROJECT START	PROJECT STATUS
		2016	Modified Project

DESCRIPTION/JUSTIFICATION

Replace up to 880 linear feet of 6-inch diameter concrete pipe with 8-inch diameter PVC pipe. The existing sewermain downstream of the former PACE chemical plant has severely corroded due to caustic chemicals that were dumped in the line. Re-development of the PACE chemical site may replace portions of this main; however, the remaining sections also need to be replaced. This is a candidate project included as a component of the Annual Sanitary Pipeline Replacement Program Project, SS 8888.

REASON FOR MODIFICATION (WHERE APPLICABLE)

Project moved from unfunded to funded; total cost changed from \$804,000 due to updated cost estimate to address known contaminated soils issues combined with the calculated start year and respective inflation factor.

POLICY BASIS
Sewer Comprehensive Plan <i>xi-5: Policy U-3.45</i>

METHOD OF FINANCING (%)	
Current Revenue	100 %
Reserve	0 %
Grants	0 %
Other Sources	0 %
Debt	0 %
Unfunded	%

CAPITAL COSTS	Prior Year(s)	2013	2014	2015	2016	2017	2018	2013-2018 TOTAL	Future Year(s)	Total Project
Planning/Design/Engineering	0	0	0	0	68,100	147,400	0	215,500	0	215,500
In-House Professional Svcs.	0	0	0	0	53,500	115,800	0	169,300	0	169,300
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	471,400	789,800	0	1,261,200	0	1,261,200
Computer 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
Total	0	0	0	0	593,000	1,053,000	0	1,646,000	0	1,646,000
NEW MAINT. AND OPER.	0	0	0	0	0	0	0	0	0	0
NEW FTE	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
2013 TO 2018**

PROJECT #	SS 0064 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	7TH AVENUE SOUTH SEWERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
Amount of public disruption and inconvenience caused	<i>Traffic disruptions, detours, and noise will occur during construction, which is anticipated to run approximately one month.</i>
Community economic impacts	<i>Necessary replacement of a portion of the utility infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Necessary sewer system replacement to provide continued sewer service and will reduce potential for sewer surcharges.</i>
Responds to an urgent need or opportunity	<i>Will provide for a more efficient sanitary sewer system compatible with future development and not prone to surcharge and the resultant environmental or social impacts.</i>
Feasibility, including public support and project readiness	<i>This project will not incur any unusual difficulties.</i>
Conforms to legal or contractual obligations	<i>Will be designed and constructed per professional and legal requirements and guidelines.</i>
Responds to state and/or federal mandate	<i>NA</i>
Benefits to other capital projects	<i>NA</i>
Implications of deferring the project	<i>Although not specifically identified in the City's comprehensive plan, this project is consistent with policy U-3.4 which calls for the correction of deficiencies that present sewage overflow risk.</i>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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>Yes; see XV.D-29</i> How does the project conform to such references? <i>consistent with</i> Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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% (6" to 8" pipe diameter) <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
2013 TO 2018**

PROJECT #	SS 0067 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	NE 80TH STREET SEWERMAIN REPLACEMENT (PHASE 2)		
PROJECT LOCATION	124th Avenue NE (north leg) to approximately 128th Avenue NE; East ROW line of I-405 to approximately 122nd Avenue NE.	PROJECT START	PROJECT STATUS
		2013	Modified Project

DESCRIPTION/JUSTIFICATION			
<p>This Phase 2 improvement consists of replacing approximately 1,670 lineal feet of existing sewer main with new 12-inch PVC pipe on NE 80th Street, from the eastern terminus of a completed (2008) Phase 1 project to an existing manhole located in the center of the NE 80th Street/128th Avenue NE intersection. The new 12-inch main will be designed to be below the existing sewer main to allow existing side sewers to stay in service during construction and to allow additional slope on side sewers. The Phase 2 sewer improvements also consist of approximately 1,270 linear feet of 12-inch PVC sewer main on NE 80th Street from an existing manhole in 116th Ave NE (Adjacent to I-405 ROW) to the western terminus of the completed Phase 1 sewer improvements. The Project shares a portion of the cost of the ACP overlay with NE 80th Street Phase 2 water improvements under WA 0116.</p>			

REASON FOR MODIFICATION (WHERE APPLICABLE)			
Project description changed for consistency and coordination with other CIP projects.			

POLICY BASIS	METHOD OF FINANCING (%)	
Sewer Comprehensive Plan <i>Page 6-28</i>	Current Revenue	15 %
	Reserve	0 %
	Grants	0 %
	Other Sources	0 %
	Debt (PWTF - \$2,070,600)	85 %
	Unfunded	0 %

CAPITAL COSTS	Prior Year(s)	2013	2014	2015	2016	2017	2018	2013-2018 TOTAL	Future Year(s)	Total Project
Planning/Design/Engineering	0	103,100	314,800	0	0	0	0	417,900	0	417,900
In-House Professional Svcs.	0	69,400	208,700	0	0	0	0	278,100	0	278,100
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	427,500	1,312,500	0	0	0	0	1,740,000	0	1,740,000
Computer 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
Total	0	600,000	1,836,000	0	0	0	0	2,436,000	0	2,436,000
NEW MAINT. AND OPER.	0	0	0	0	0	0	0	0	0	0
NEW FTE	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
2013 TO 2018**

PROJECT #	SS 0067 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	NE 80TH STREET SEWERMAIN REPLACEMENT (PHASE 2)
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
Amount of public disruption and inconvenience caused	<i>During construction (from four to six months), traffic control will be required along NE 80th Street. Noise and congestion should be anticipated by residents and schools adjacent to NE 80th.</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 and ranked 16th of 26 City-wide capital projects.</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 currently required on the line. This project is Phase III of the NE 80th Street Sewermain Replacement overall project.</i>
Implications of deferring the project	<i>Potential for system failure, possible surcharging, and above average requirement for maintenance and inspection.</i>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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? <i>Yes; see XV.G-15 (now Kirkland owns these /</i> How does the project conform to such references? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	SS 0073 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	ROSE POINT SEWER LIFT STATION REPLACEMENT		
PROJECT LOCATION	18th Avenue W near 10th Street W	PROJECT START	PROJECT STATUS
		2014	Modified Project

DESCRIPTION/JUSTIFICATION

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 linear feet of 8-inch ductile iron or C900 PVC forcemain.

REASON FOR MODIFICATION (WHERE APPLICABLE)

Project moved from unfunded to funded; Total project costs increased from \$1,811,000 due to updated cost estimates in March 2012 and a one to two year sewer project inflationary increase for this previously unfunded project, now shown to begin in 2013.

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)	2013	2014	2015	2016	2017	2018	2013-2018 TOTAL	Future Year(s)	Total Project
Planning/Design/Engineering	0	0	157,800	217,100	0	0	0	374,900	0	374,900
In-House Professional Svcs.	0	0	81,900	112,500	0	0	0	194,400	0	194,400
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	0	704,700	1,013,400	0	0	0	1,718,100	0	1,718,100
Computer 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
Total	0	0	944,400	1,343,000	0	0	0	2,287,400	0	2,287,400
NEW MAINT. AND OPER.	0	0	0	0	0	0	0	0	0	0
NEW FTE	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
2013 TO 2018**

PROJECT #	SS 0073 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	ROSE POINT SEWER LIFT STATION REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	SS 0078 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	5TH AVENUE S SEWERMAIN REPLACEMENT		
PROJECT LOCATION	7th Street S to 8th Street S	PROJECT START	PROJECT STATUS
		2014	New Project

DESCRIPTION/JUSTIFICATION	
<p>Replace existing 6-inch concrete sewer line with approximately 200 linear feet of 8-inch diameter 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.</p>	

REASON FOR MODIFICATION (WHERE APPLICABLE)

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)	2013	2014	2015	2016	2017	2018	2013-2018 TOTAL	Future Year(s)	Total Project
Planning/Design/Engineering	0	0	30,200	6,100	0	0	0	36,300	0	36,300
In-House Professional Svcs.	0	0	17,000	3,200	0	0	0	20,200	0	20,200
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	0	141,700	28,700	0	0	0	170,400	0	170,400
Computer 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
Total	0	0	188,900	38,000	0	0	0	226,900	0	226,900
NEW MAINT. AND OPER.	0	0	0	0	0	0	0	0	0	0
NEW FTE	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
2013 TO 2018**

PROJECT #	SS 0078 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	5TH AVENUE S SEWERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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 I & 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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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> Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	SS 0079 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	3RD AVENUE S / 2ND STREET S SEWERMAIN REPLACEMENT		
PROJECT LOCATION	3rd Avenue S & 2nd Street S	PROJECT START	PROJECT STATUS
		2014	New Project

DESCRIPTION/JUSTIFICATION	
<p>Replace existing 6-inch concrete sewer line with approximately 780 linear feet of 8-inch diameter 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.).</p>	

REASON FOR MODIFICATION (WHERE APPLICABLE)

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)	2013	2014	2015	2016	2017	2018	2013-2018 TOTAL	Future Year(s)	Total Project
Planning/Design/Engineering	0	0	0	80,700	118,400	0	0	199,100	0	199,100
In-House Professional Svcs.	0	0	0	40,400	66,100	0	0	106,500	0	106,500
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	365,900	555,500	0	0	921,400	0	921,400
Computer 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
Total	0	0	0	487,000	740,000	0	0	1,227,000	0	1,227,000
NEW MAINT. AND OPER.	0	0	0	0	0	0	0	0	0	0
NEW FTE	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
2013 TO 2018**

PROJECT #	SS 0079 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	3RD AVENUE S / 2ND STREET S SEWERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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 I & 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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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> Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	SS 0080 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	20TH AVENUE SEWERMAIN REPLACEMENT		
PROJECT LOCATION	20th Avenue from 4th Place to 4th Street	PROJECT START	PROJECT STATUS
		2018	New Project

DESCRIPTION/JUSTIFICATION	
Replace existing 8-inch sewer line with approximately 365 linear feet of 8-inch diameter 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.	

REASON FOR MODIFICATION (WHERE APPLICABLE)

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)	2013	2014	2015	2016	2017	2018	2013-2018 TOTAL	Future Year(s)	Total Project
Planning/Design/Engineering	0	0	0	0	0	0	129,900	129,900	0	129,900
In-House Professional Svcs.	0	0	0	0	0	0	73,100	73,100	0	73,100
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	609,000	609,000	0	609,000
Computer 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
Total	0	0	0	0	0	0	812,000	812,000	0	812,000
NEW MAINT. AND OPER.	0	0	0	0	0	0	0	0	0	0
NEW FTE	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
2013 TO 2018**

PROJECT #	SS 0080 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	20TH AVENUE SEWERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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 I & 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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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 vicinity? <i>No</i> How does the project conform to such references? <i>No</i> Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	SS 0081 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	7TH / 8TH AVENUE WEST ALLEY SEWERMAIN REPLACEMENT		
PROJECT LOCATION	The alley between 7th Avenue West and 8th Avenue West, from 3rd Street West to 4th Street West	PROJECT START	PROJECT STATUS
		2013	New Project

DESCRIPTION/JUSTIFICATION	
Replace existing 6-inch concrete sewermain with approximately 480 linear feet of 8-inch PVC sewer pipe, including three new shallow manholes. The work limits extend nearly the full length of the existing paved alley right-of-way; the project includes a new alley asphalt overlay.	

REASON FOR MODIFICATION (WHERE APPLICABLE)

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

CAPITAL COSTS	Prior Year(s)	2013	2014	2015	2016	2017	2018	2013-2018 TOTAL	Future Year(s)	Total Project
Planning/Design/Engineering	0	57,000	0	0	0	0	0	57,000	0	57,000
In-House Professional Svcs.	0	32,000	0	0	0	0	0	32,000	0	32,000
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	265,000	0	0	0	0	0	265,000	0	265,000
Computer 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
Total	0	354,000	0	0	0	0	0	354,000	0	354,000
NEW MAINT. AND OPER.	0	0	0	0	0	0	0	0	0	0
NEW FTE	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
2013 TO 2018**

PROJECT #	SS 0081 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	7TH / 8TH AVENUE WEST ALLEY SEWERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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 I & 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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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? <i>No</i> How does the project conform to such references? <i>No</i> Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	SS 8888 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	ANNUAL SANITARY PIPELINE REPLACEMENT PROGRAM		
PROJECT LOCATION	City-wide	PROJECT START	PROJECT STATUS
		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 0062 - NE 108th St Sewermain Replacement/Rehabilitation, SS 0070 - 5th Street Sewermain Replacement, SS 0069 - 1st Street Sewermain Replacement, SS 0052 - 108th Avenue NE Sewermain Replacement, and SS 0062 - NE 108th Street Sewermain Replacement/Rehabilitation.

REASON FOR MODIFICATION (WHERE APPLICABLE)

An updated priority ranking of the individual projects within the description above. Project timing and costs have been updated. Total project cost changed from \$112,300 and reflects available remaining funds after funded projects are identified.

POLICY BASIS

Sewer Comprehensive Plan

METHOD OF FINANCING (%)

Current Revenue	100 %
Reserve	0 %
Grants	0 %
Other Sources	0 %
Debt	0 %
Unfunded	0 %

CAPITAL COSTS	Prior Year(s)	2013	2014	2015	2016	2017	2018	2013-2018 TOTAL	Future Year(s)	Total Project
Planning/Design/Engineering	0	0	0	0	0	0	0	0	0	0
In-House Professional Svcs.	0	0	0	0	0	0	0	0	0	0
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	446,500	377,000	213,000	441,000	1,477,500	0	1,477,500
Computer 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
Total	0	0	0	446,500	377,000	213,000	441,000	1,477,500	0	1,477,500
NEW MAINT. AND OPER.	0	0	0	0	0	0	0	0	0	0
NEW FTE	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
2013 TO 2018**

PROJECT #	SS 8888 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	ANNUAL SANITARY PIPELINE REPLACEMENT PROGRAM
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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 I & 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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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> Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	SS 9999 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

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

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

REASON FOR MODIFICATION (WHERE APPLICABLE)
No candidate projects at this time. Project timing and costs have been updated. Total project cost changed from \$299,700 and reflects available remaining funds after funded projects are identified.

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)	2013	2014	2015	2016	2017	2018	2013-2018 TOTAL	Future Year(s)	Total Project
Planning/Design/Engineering	0	0	0	0	0	0	0	0	0	0
In-House Professional Svcs.	0	0	0	0	0	0	0	0	0	0
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	446,500	377,000	212,500	400,000	1,436,000	0	1,436,000
Computer 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
Total	0	0	0	446,500	377,000	212,500	400,000	1,436,000	0	1,436,000
NEW MAINT. AND OPER.	0	0	0	0	0	0	0	0	0	0
NEW FTE	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
2013 TO 2018**

PROJECT #	SS 9999 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	ANNUAL SANITARY PUMP STATION/SYSTEM UPGRADE PROGRAM
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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 I & 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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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> Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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 - 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
2013 TO 2018**

PROJECT #	WA 0052 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

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

DESCRIPTION/JUSTIFICATION	
Replacement of approximately 2,620 linear 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.	

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	METHOD OF FINANCING (%)
2006 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	220,000
In-House Professional Svcs.	92,000
Land Acquisition	0
Construction	1,272,000
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	1,584,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0052 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	108TH AVENUE NE WATERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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 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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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 vicinity? <i>No</i> How does the project conform to such references? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0057 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

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

DESCRIPTION/JUSTIFICATION	
Replacement of approximately 3,930 linear 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.	

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	METHOD OF FINANCING (%)
2006 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	378,000
In-House Professional Svcs.	160,000
Land Acquisition	0
Construction	2,193,000
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	2,731,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0057 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	116TH AVENUE NE WATERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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 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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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 vicinity? How does the project conform to such references? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0067 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	NORTH RESERVOIR PUMP STATION REPLACEMENT		
PROJECT LOCATION	Mark Twain Park at North Reservoir, 132nd Avenue NE	PROJECT START	PROJECT STATUS
		Undetermined	Modified 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 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)

Project identified as potential candidate for WA 9999 - Annual Water Pump Station/System Upgrade Program Project.

POLICY BASIS	METHOD OF FINANCING (%)	
2006 Water Comprehensive Plan	Current Revenue	0 %
	Reserve	0 %
	Grants	0 %
	Other Sources	Joint Facility/Redmond 0 %
	Debt	0 %
	Unfunded	100 %

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

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0067 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	NORTH RESERVOIR PUMP STATION REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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 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>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service through system degradation and increased maintenance.</i>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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 vicinity? How does the project conform to such references? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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: 100% <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
2013 TO 2018**

PROJECT #	WA 0096 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

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

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

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	METHOD OF FINANCING (%)
2006 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	63,000
In-House Professional Svcs.	26,000
Land Acquisition	0
Construction	361,000
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	450,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0096 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	NE 83RD STREET WATERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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 vicinity? How does the project conform to such references? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0097 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	NE 80TH STREET WATERMAIN REPLACEMENT (PHASE 3)		
PROJECT LOCATION	120 Avenue NE from NE 80 Street to NE 85 Street; NE 85 Street from 120 Avenue NE to 114 Avenue NE.	PROJECT START	PROJECT STATUS
		Undetermined	Modified Project

DESCRIPTION/JUSTIFICATION	
<p>Replacement of approximately 1,500 linear feet of 6-inch AC line and 1,800 linear feet of 16" 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.</p>	

REASON FOR MODIFICATION (WHERE APPLICABLE)
<p>Project title changed from "NE 85th Street Watermain Replacement". Project Description modified to be consistent with Comprehensive Water System Plan and overall length changed to be consistent with section of 20" mainline associated with WA 0113. Total project cost changed from \$1,201,000 to \$1,386,000 as a result of these scope changes.</p>

POLICY BASIS	METHOD OF FINANCING (%)	
2006 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	89,100
In-House Professional Svcs.	207,900
Land Acquisition	0
Construction	1,089,000
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	1,386,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0097 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	NE 80TH STREET WATERMAIN REPLACEMENT (PHASE 3)
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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 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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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 vicinity? How does the project conform to such references? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0098 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

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

DESCRIPTION/JUSTIFICATION	
Replacement of approximately 2,850 linear feet of 6-inch AC 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.	

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	METHOD OF FINANCING (%)
2006 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	166,000
In-House Professional Svcs.	70,000
Land Acquisition	0
Construction	961,000
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	1,197,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0098 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	126TH AVENUE NE/NE 83RD & 84TH STREET/128TH AVENUE NE WATERMAIN REPLACEMENT
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CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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 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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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 vicinity? How does the project conform to such references? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0103 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

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

DESCRIPTION/JUSTIFICATION	
Replacement of approximately 2,000 linear feet of 4-inch AC 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.	

REASON FOR MODIFICATION (WHERE APPLICABLE)
Project identified as potential candidate for WA 8888 - Annual Watermain Replacement Program Project.

POLICY BASIS	METHOD OF FINANCING (%)	
2006 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	117,000
In-House Professional Svcs.	49,000
Land Acquisition	0
Construction	675,000
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	841,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0103 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	NE 113TH PLACE/106TH AVENUE NE WATERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0104 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

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

DESCRIPTION/JUSTIFICATION	
Replacement of approximately 3,300 linear feet of 4-inch AC 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.	

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	METHOD OF FINANCING (%)
2006 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	207,000
In-House Professional Svcs.	87,000
Land Acquisition	0
Construction	1,199,000
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	1,493,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0104 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	111TH AVENUE NE/NE 62ND STREET-NE 64TH ST WATERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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? How does the project conform to such references? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0108 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

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

DESCRIPTION/JUSTIFICATION	
Replacement of approximately 1,200 linear 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.	

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	METHOD OF FINANCING (%)
2006 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	70,000
In-House Professional Svcs.	29,000
Land Acquisition	0
Construction	405,000
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	504,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0108 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	109TH AVENUE NE/NE 58TH ST WATERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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? How does the project conform to such references? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0109 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

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

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

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	METHOD OF FINANCING (%)
2006 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	163,000
In-House Professional Svcs.	69,000
Land Acquisition	0
Construction	947,000
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	1,179,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0109 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	112TH AVENUE NE WATERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>N/A</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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 vicinity? How does the project conform to such references? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0111 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

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

DESCRIPTION/JUSTIFICATION	
Replacement of approximately 3,100 linear feet of 6-inch AC 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.	

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	METHOD OF FINANCING (%)
2006 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	181,000
In-House Professional Svcs.	76,000
Land Acquisition	0
Construction	1,046,000
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	1,303,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0111 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	NE 45TH STREET AND 110TH/111TH AVENUE NE WATERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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? How does the project conform to such references? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0113 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

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

DESCRIPTION/JUSTIFICATION

Replacement of approximately 5,600 linear feet of 8-inch AC and DI with new 20-inch ductile iron for approximately 210 linear feet east of 120th Ave NE and 12-inch ductile iron pipe along 116th Avenue NE, between approximately NE 65th Street to NE 80th Street to approximately 120th Ave NE. The length of the initial phase for this project is intended to be consistent with SS 0076 – subsequent phase(s) will follow.

REASON FOR MODIFICATION (WHERE APPLICABLE)

Project moved from funded status due to implementation of the modified scope and funding needs for CWA 0116 and CWA 0140. Future years funding changed from \$2,428,000.

POLICY BASIS	PRIOR YEAR(S) BUDGET TO ACTUALS	METHOD OF FINANCING (%)		
2006 Water Comprehensive Plan	Budget	\$684,000	Current Revenue	100 %
	Actual		Reserve	0 %
	Balance		Grants	0 %
			Other Sources	0 %
		Debt	0 %	
		Unfunded	0 %	

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

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0113 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	116TH AVENUE NE/NE 70TH-NE 80TH ST WATERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0118 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

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

DESCRIPTION/JUSTIFICATION

Replacement of approximately 5,550 linear feet of 8-inch AC 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)

Project identified as potential candidate for WA 8888 - Annual Watermain Replacement Program Project.

POLICY BASIS	METHOD OF FINANCING (%)
2006 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	496,400
In-House Professional Svcs.	194,000
Land Acquisition	0
Construction	2,669,700
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	3,360,100
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0118 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	112TH AVENUE NE-114TH AVENUE NE/NE 67TH STREET-NE 68TH STREET WATERMAIN REPLACEMENT
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CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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? How does the project conform to such references? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0119 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

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

DESCRIPTION/JUSTIFICATION	
Replacement of approximately 4,360 linear 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.	

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	METHOD OF FINANCING (%)	
2006 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	319,000
In-House Professional Svcs.	135,000
Land Acquisition	0
Construction	1,850,000
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	2,304,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0119 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	109TH AVE NE/111TH WAY NE WATERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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? How does the project conform to such references? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0120 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	111TH AVENUE WATERMAIN REPLACEMENT		
PROJECT LOCATION	NE 112th Street to end of street	PROJECT START	PROJECT STATUS
		Undetermined	Modified Project

DESCRIPTION/JUSTIFICATION
Replacement of approximately 432 linear feet of 6-inch AC 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.

REASON FOR MODIFICATION (WHERE APPLICABLE)
Project identified as potential candidate for WA 8888 - Annual Watermain Replacement Program project.

POLICY BASIS	METHOD OF FINANCING (%)
2006 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	25,000
In-House Professional Svcs.	11,000
Land Acquisition	0
Construction	146,000
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	182,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0120 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	111TH AVENUE WATERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0122 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

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

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

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	METHOD OF FINANCING (%)
2006 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	209,000
In-House Professional Svcs.	88,000
Land Acquisition	0
Construction	1,209,000
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	1,506,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0122 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	116TH AVENUE NE/NE 100TH STREET WATERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0123 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

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

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

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	METHOD OF FINANCING (%)
2006 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	63,000
In-House Professional Svcs.	26,000
Land Acquisition	0
Construction	364,000
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	453,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0123 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	NE 91ST STREET WATERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	Name of Neighborhood(s) in which located: <i>Highlands</i> Is there a specific reference to this project or land use in the immediate vicinity? How does the project conform to such references? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0124 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	NE 97TH STREET WATERMAIN REPLACEMENT		
PROJECT LOCATION	112th Avenue NE to 116th Avenue NE	PROJECT START	PROJECT STATUS
		Undetermined	Modified Project

DESCRIPTION/JUSTIFICATION	
Replacement of approximately 1,630 linear feet of 6-inch AC 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.	

REASON FOR MODIFICATION (WHERE APPLICABLE)
Project identified as potential candidate for WA 8888 - Annual Watermain Replacement Program project.

POLICY BASIS	METHOD OF FINANCING (%)	
2006 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	95,000
In-House Professional Svcs.	40,000
Land Acquisition	0
Construction	550,000
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	685,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0124 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	NE 97TH STREET WATERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	Name of Neighborhood(s) in which located: <i>Highlands</i> Is there a specific reference to this project or land use in the immediate vicinity? How does the project conform to such references? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0126 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	NORTH RESERVOIR OUTLET METER ADDITION		
PROJECT LOCATION	Mark Twain Park	PROJECT START	PROJECT STATUS
		Undetermined	Modified Project

DESCRIPTION/JUSTIFICATION	
<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>	

REASON FOR MODIFICATION (WHERE APPLICABLE)
Project identified as potential candidate for WA 9999 - Annual Water Pump Station/System Upgrade Program project.

POLICY BASIS	METHOD OF FINANCING (%)												
2006 Water Comprehensive Plan	<table border="0"> <tr> <td>Current Revenue</td> <td>0 %</td> </tr> <tr> <td>Reserve</td> <td>0 %</td> </tr> <tr> <td>Grants</td> <td>0 %</td> </tr> <tr> <td>Other Sources</td> <td>Joint Facility/Redmond 0 %</td> </tr> <tr> <td>Debt</td> <td>0 %</td> </tr> <tr> <td>Unfunded</td> <td>100 %</td> </tr> </table>	Current Revenue	0 %	Reserve	0 %	Grants	0 %	Other Sources	Joint Facility/Redmond 0 %	Debt	0 %	Unfunded	100 %
Current Revenue	0 %												
Reserve	0 %												
Grants	0 %												
Other Sources	Joint Facility/Redmond 0 %												
Debt	0 %												
Unfunded	100 %												

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

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0126 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	NORTH RESERVOIR OUTLET METER ADDITION
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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 vicinity? How does the project conform to such references? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0127 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	650 BOOSTER PUMP STATION		
PROJECT LOCATION	NE 85th Street at 132nd Avenue NE	PROJECT START	PROJECT STATUS
		Undetermined	Modified Project

DESCRIPTION/JUSTIFICATION

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.

REASON FOR MODIFICATION (WHERE APPLICABLE)

Project identified as potential candidate for WA 9999 - Annual Water Pump Station/System Upgrade Program project.

POLICY BASIS	METHOD OF FINANCING (%)	
2006 Water Comprehensive Plan	Current Revenue	0 %
	Reserve	0 %
	Grants	0 %
	Other Sources	Joint Facility/Redmond 0 %
	Debt	0 %
	Unfunded	100 %

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

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0127 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	650 BOOSTER PUMP STATION
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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 vicinity? How does the project conform to such references? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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: <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
2013 TO 2018**

PROJECT #	WA 0128 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

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

DESCRIPTION/JUSTIFICATION	
Replacement of approximately 4,270 linear feet of 4-inch and 6-inch AC with new 8-inch and 12-inch ductile iron pipe along NE 121st 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.	

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	METHOD OF FINANCING (%)
2006 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	319,000
In-House Professional Svcs.	135,000
Land Acquisition	0
Construction	1,851,000
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	2,305,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0128 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	106TH AVE NE-110TH AVENUE NE/NE 116TH ST-NE 120TH STREET WATERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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 vicinity? How does the project conform to such references? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0129 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

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

DESCRIPTION/JUSTIFICATION	
<p>Recoating to existing reservoir near the year 2020, based on the last time the reservoir was recoated. 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.</p>	

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	METHOD OF FINANCING (%)												
2006 Water Comprehensive Plan	<table border="0"> <tr> <td>Current Revenue</td> <td>0 %</td> </tr> <tr> <td>Reserve</td> <td>0 %</td> </tr> <tr> <td>Grants</td> <td>0 %</td> </tr> <tr> <td>Other Sources</td> <td>Jt. Fac./Redmond-Bellevue 0 %</td> </tr> <tr> <td>Debt</td> <td>0 %</td> </tr> <tr> <td>Unfunded</td> <td>100 %</td> </tr> </table>	Current Revenue	0 %	Reserve	0 %	Grants	0 %	Other Sources	Jt. Fac./Redmond-Bellevue 0 %	Debt	0 %	Unfunded	100 %
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	0
In-House Professional Svcs.	193,000
Land Acquisition	0
Construction	788,000
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	981,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0129 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	SOUTH RESERVOIR RECOATING
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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 vicinity? How does the project conform to such references? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0130 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	11TH PLACE WATERMAIN REPLACEMENT		
PROJECT LOCATION	3rd Street to 4th Street	PROJECT START	PROJECT STATUS
		Undetermined	Modified Project

DESCRIPTION/JUSTIFICATION	
Replacement of approximately 805 linear feet of 6-inch AC 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.	

REASON FOR MODIFICATION (WHERE APPLICABLE)
Project identified as potential candidate for WA 8888 - Annual Watermain Replacement Program project.

POLICY BASIS	METHOD OF FINANCING (%)	
2006 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	47,000
In-House Professional Svcs.	20,000
Land Acquisition	0
Construction	272,000
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	339,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0130 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	11TH PLACE WATERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0131 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	SUPPLY STATION #1 IMPROVEMENTS		
PROJECT LOCATION	NE 69th Street at 140th Avenue NE, Redmond	PROJECT START	PROJECT STATUS
		Undetermined	Modified 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)

Project identified as potential candidate for WA 9999 - Annual Water Pump Station/System Upgrade Program project.

POLICY BASIS	METHOD OF FINANCING (%)	
2006 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
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	61,500
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0131 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	SUPPLY STATION #1 IMPROVEMENTS
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0132 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

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

DESCRIPTION/JUSTIFICATION	
Replacement of approximately 1,500 linear feet of 8-inch AC 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.	

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	METHOD OF FINANCING (%)	
2006 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	126,000
In-House Professional Svcs.	53,000
Land Acquisition	0
Construction	728,000
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	907,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0132 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	7TH AVENUE/CENTRAL AVENUE WATERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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 vicinity? How does the project conform to such references? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0133 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

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

DESCRIPTION/JUSTIFICATION	
Replacement of approximately 550 linear feet of 6-inch AC 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 (%)
2006 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
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	446,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0133 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	KIRKLAND AVENUE WATERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0135 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

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

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

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	METHOD OF FINANCING (%)	
2006 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	98,000
In-House Professional Svcs.	42,000
Land Acquisition	0
Construction	571,000
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	711,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0135 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	NE 75TH STREET WATERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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 vicinity? How does the project conform to such references? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0136 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	NE 74TH STREET WATERMAIN REPLACEMENT		
PROJECT LOCATION	118th Avenue NE to 119th Avenue NE	PROJECT START	PROJECT STATUS
		Undetermined	Modified Project

DESCRIPTION/JUSTIFICATION	
Replacement of approximately 460 linear feet of 6-inch AC 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.	

REASON FOR MODIFICATION (WHERE APPLICABLE)
Project identified as potential candidate for WA 8888 - Annual Watermain Replacement Program project.

POLICY BASIS	METHOD OF FINANCING (%)	
2006 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	27,000
In-House Professional Svcs.	11,000
Land Acquisition	0
Construction	155,000
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	193,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0136 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	NE 74TH STREET WATERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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 vicinity? How does the project conform to such references? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0137 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	NE 73RD STREET WATERMAIN REPLACEMENT		
PROJECT LOCATION	116th Avenue NE to 119th Avenue NE	PROJECT START	PROJECT STATUS
		Undetermined	Modified Project

DESCRIPTION/JUSTIFICATION	
Replacement of approximately 1,570 linear feet of 6-inch AC 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.	

REASON FOR MODIFICATION (WHERE APPLICABLE)
Project identified as potential candidate for WA 8888 - Annual Watermain Replacement Program project.

POLICY BASIS	METHOD OF FINANCING (%)
2006 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	91,000
In-House Professional Svcs.	39,000
Land Acquisition	0
Construction	530,000
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	660,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0137 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	NE 73RD STREET WATERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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 vicinity? How does the project conform to such references? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0138 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

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

DESCRIPTION/JUSTIFICATION	
Replacement of approximately 3,510 linear feet of 2-inch 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.	

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	METHOD OF FINANCING (%)
2006 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	205,000
In-House Professional Svcs.	86,000
Land Acquisition	0
Construction	1,185,000
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	1,476,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0138 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	NE 72ND STREET/130TH AVENUE NE WATERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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 vicinity? How does the project conform to such references? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0146 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

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

DESCRIPTION/JUSTIFICATION	
Replacement of approximately 2,200 linear feet of 8" AC and CI pipe with new 12" ductile iron pipe. Project identified as potential candidate for WA 8888 - Annual Watermain Replacement Program project.	

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	METHOD OF FINANCING (%)
2006 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	104,000
In-House Professional Svcs.	44,500
Land Acquisition	0
Construction	544,500
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	693,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0146 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	6TH STREET SOUTH/KIRKLAND WAY WATERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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? <i>N/A</i> How does the project conform to such references? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	WA 0147 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	106TH AVENUE NE WATERMAIN REPLACEMENT PROJECT		
PROJECT LOCATION	106th Avenue NE from NE 60th Street to NE 68th Street	PROJECT START	PROJECT STATUS
		Undetermined	New Project

DESCRIPTION/JUSTIFICATION	
Replacement of approximately 2,100 linear feet of 6" (AC) waterline with 8" ductile iron pipe. Project identified as potential candidate for WA 8888 - Annual Watermain Replacement Program project.	

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	99,000
In-House Professional Svcs.	42,500
Land Acquisition	0
Construction	520,000
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	661,500
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	WA 0147 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	106TH AVENUE NE WATERMAIN REPLACEMENT PROJECT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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? How does the project conform to such references? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	SS 0051 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	6TH STREET SOUTH SEWERMAIN REPLACEMENT		
PROJECT LOCATION	NE 68th Street to approximately 8th Avenue South	PROJECT START	PROJECT STATUS
		Undetermined	Existing Project

DESCRIPTION/JUSTIFICATION

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 linear feet of 12-inch to 15-inch 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.

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	METHOD OF FINANCING (%)
Sewer Comprehensive Plan <i>Page 6-26</i>	Current Revenue 0 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 100 %

CAPITAL COSTS	COSTS TO BE FUNDED
Planning/Design/Engineering	132,000
In-House Professional Svcs.	66,000
Land Acquisition	0
Construction	606,000
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	804,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	SS 0051 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	6TH STREET SOUTH SEWERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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> Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	SS 0052 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	108TH AVENUE NE SEWERMAIN REPLACEMENT		
PROJECT LOCATION	NE 68th Street to NE 53rd Street	PROJECT START	PROJECT STATUS
		Undetermined	Existing Project

DESCRIPTION/JUSTIFICATION

Replace and/or rehabilitate approximately 4,000 linear 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)

POLICY BASIS	METHOD OF FINANCING (%)
Sewer Comprehensive Plan <i>Page 6-26</i>	Current Revenue 0 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 100 %

CAPITAL COSTS	COSTS TO BE FUNDED
Planning/Design/Engineering	840,000
In-House Professional Svcs.	420,000
Land Acquisition	0
Construction	3,850,000
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	5,110,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	SS 0052 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	108TH AVENUE NE SEWERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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> Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	SS 0062 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	NE 108TH STREET SEWERMAIN REPLACEMENT/REHABILITATION		
PROJECT LOCATION	108th Avenue NE to approximately Forbes Creek at 100th Avenue NE	PROJECT START	PROJECT STATUS
		Undetermined	Modified Project

DESCRIPTION/JUSTIFICATION

Replace and/or rehabilitate the existing trunk line with approximately 3,000 linear 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. This is a candidate project included as a component of the Annual Sanitary Pipeline Replacement Program project, SS 8888.

REASON FOR MODIFICATION (WHERE APPLICABLE)

Project identified as potential candidate for SS 8888 - Annual Sanitary Pipeline Replacement Program project.

POLICY BASIS	METHOD OF FINANCING (%)
Sewer Comprehensive Plan <i>Page 6-30</i>	Current Revenue 0 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 100 %

CAPITAL COSTS	COSTS TO BE FUNDED
Planning/Design/Engineering	724,000
In-House Professional Svcs.	362,000
Land Acquisition	0
Construction	3,319,000
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	4,405,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	SS 0062 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	NE 108TH STREET SEWERMAIN REPLACEMENT/REHABILITATION
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>N/A</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 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 Juanita Lift Station which is currently under design for replacement.</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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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? <i>Yes; see XV.I-44</i> How does the project conform to such references? <i>consistent with</i> Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	SS 0068 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	124TH AVENUE NE SEWERMAIN REPLACEMENT		
PROJECT LOCATION	NE 112th Street to NE 116th Street	PROJECT START	PROJECT STATUS
		Undetermined	Existing Project

DESCRIPTION/JUSTIFICATION	
<p>Replace existing 8-inch PVC sewerline with approximately 1,030 linear feet of 12-inch PVC sewerline. The existing trunk line does not have adequate capacity to accommodate projected flows.</p>	

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	METHOD OF FINANCING (%)
2008 Sewer Comprehensive Plan	Current Revenue 0 %
Current service and/or functional objectives	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 100 %

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

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	SS 0068 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	124TH AVENUE NE SEWERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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 vicinity? How does the project conform to such references? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	SS 0069 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	1ST STREET SEWERMAIN REPLACEMENT		
PROJECT LOCATION	Central Way to 16th Avenue	PROJECT START	PROJECT STATUS
		Undetermined	Existing Project

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

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	METHOD OF FINANCING (%)
2008 Sewer 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	649,000
In-House Professional Svcs.	324,000
Land Acquisition	0
Construction	2,972,000
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	3,945,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	SS 0069 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	1ST STREET SEWERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	SS 0070 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	5TH STREET SEWERMAIN REPLACEMENT		
PROJECT LOCATION	Central Way to 9th Avenue	PROJECT START	PROJECT STATUS
		Undetermined	Existing Project

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

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	METHOD OF FINANCING (%)
Sewer 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	223,000
In-House Professional Svcs.	111,000
Land Acquisition	0
Construction	1,020,000
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	1,354,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	SS 0070 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	5TH STREET SEWERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	SS 0071 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	6TH STREET SEWERMAIN REPLACEMENT		
PROJECT LOCATION	10th Avenue to 11th Avenue	PROJECT START	PROJECT STATUS
		Undetermined	Existing Project

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

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	METHOD OF FINANCING (%)
Sewer 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	51,000
In-House Professional Svcs.	25,000
Land Acquisition	0
Construction	232,000
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	308,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	SS 0071 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	6TH STREET SEWERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
Amount of public disruption and inconvenience caused	<i>During construction (from one to two), 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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	SS 0072 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	KIRKLAND AVENUE SEWERMAIN REPLACEMENT		
PROJECT LOCATION	Railroad Avenue (near 10th Street South) to I-405 (near 116th Avenue NE)	PROJECT START	PROJECT STATUS
		Undetermined	Existing Project

DESCRIPTION/JUSTIFICATION

Replace existing 8-inch concrete sewerline with approximately 1,550 linear feet of 12-inch PVC sewerline. The existing trunk line does not have adequate capacity to accommodate projected flows.

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	METHOD OF FINANCING (%)
Sewer 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	325,000
In-House Professional Svcs.	163,000
Land Acquisition	0
Construction	1,492,000
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	1,980,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	SS 0072 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	KIRKLAND AVENUE SEWERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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? Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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
2013 TO 2018**

PROJECT #	SS 0077 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	WEST OF MARKET SEWERMAIN REPLACEMENT		
PROJECT LOCATION	Market Neighborhood	PROJECT START	PROJECT STATUS
		Undetermined	Existing Project

DESCRIPTION/JUSTIFICATION	
The replacement of all concrete sewermain in the Market Neighborhood, Market Street to Lake Washington and Waverly Way to 20th Place West.	

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	METHOD OF FINANCING (%)	
Sewer 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	3,564,000
In-House Professional Svcs.	1,782,000
Land Acquisition	0
Construction	16,335,000
Computer Hardware/Software	0
Equipment	0
Other Services	0
Total	21,681,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2013 TO 2018**

PROJECT #	SS 0077 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	WEST OF MARKET SEWERMAIN REPLACEMENT
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
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 I & 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>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	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 vicinity? <i>No</i> How does the project conform to such references? <i>No</i> Attachments: <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<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.