

Appendix I – Capital Improvement Plan – 2011 Update



2011 Capital Improvement Plan

9/28/2010 PRELIMINARY DRAFT

2011 Cost
Estimate

2011

Administration & Office/Shop Operations

0085b	Operations Building Remodel - Construction & CA	\$700,000.00
11A0011	Employee Salary Survey and Job Description Update	\$40,000.00
11A0012	District Web Site Update	\$15,000.00
Subtotal		\$755,000.00

General

0077	Meter Reading Handheld Data Collectors	\$13,000.00
Subtotal		\$13,000.00

Sewer Collection

0014a	Lake Whatcom Blvd Interceptor - Condition Assessment - Sonar Planning	\$15,000.00
0062a	Old Lakeway & Euclid Interceptor - Condition Assessment - Sonar Planning	\$15,000.00
0068	North Shore Sewer Meter High Float & Level Sensor	\$10,000.00
Subtotal		\$40,000.00

Water - South Shore

0066	SVWTP - Replace Gen Transfer Switch	\$82,400.00
0070	SVWTP - Raw Water Pump Emergency Bypass Port	\$11,255.09
11W0001	Water Service Rebuilds	\$15,000.00
Subtotal		\$108,655.09

Vehicles & Heavy Mobile Equip

11V0002	Replace Administrative Staff Vehicle (9/20/2010 2 cars in fleet - add 1 in 2011 for total of 3 cars)	\$20,000.00
Subtotal		\$20,000.00

Year 2011 Totals \$936,655.09

2012

Sewer Collection

12S0001	Sewer Collection System I&I Improvements (CMOM)	\$94,700.29
		Subtotal
		\$94,700.29

Sewer Pump Stations

0033	Priority #05 - Strawberry Point Pump Station Retrofit	\$675,000.00
		Subtotal
		\$675,000.00

Water - South Shore

0059	SVWTP - Raw Water Pump Motors	\$30,141.13
0064	Blow-off Installations at Dead Ends	\$34,778.22
12W0001	Water Service Rebuilds	\$15,000.00
12W0005	Reservoirs - Inspection & Maintenance	\$24,597.48
		Subtotal
		\$104,516.83

Vehicles & Heavy Mobile Equip

12E0004	Replace Camera Equipment	\$34,778.22
12V0001	Replace Tool Truck (9/20/2010 6 tool trucks in fleet)	\$50,000.00
		Subtotal
		\$84,778.22

Year 2012 Totals **\$958,995.34**

2013

Administration & Office/Shop Operations

13A0005	Accounting & Administration Server - Replace Hardware, Network Security, & OS	\$11,000.00
13A0010	Update Sewer Comprehensive Plan	\$40,000.00
		Subtotal
		\$51,000.00

Sewer Collection

13S0001	Sewer Collection System I&I Improvements (CMOM)	\$94,700.29
		Subtotal
		\$94,700.29

Water - South Shore

0048	Division 22 Reservoir 0.5MG	\$687,449.53
13W0001	Water Service Rebuilds	\$15,000.00
		Subtotal
		\$702,449.53

Vehicles & Heavy Mobile Equip

13V0003	Replace Meter Reading Van	\$23,185.48
		Subtotal
		\$23,185.48

Year 2013 Totals **\$871,335.30**

2014**Administration & Office/Shop Operations**

14A0011	Employee Salary Survey and Job Description Update	\$40,000.00
		Subtotal
		\$40,000.00

Sewer Collection

0019	Rehab Sewer Manholes, pilot project	\$81,149.19
14S0001	Sewer Collection System I&I Improvements (CMOM)	\$94,700.29
		Subtotal
		\$175,849.48

Water - Eagleridge

0060	Eagleridge Fire Pump Control Upgrade	\$57,963.70
		Subtotal
		\$57,963.70

Water - South Shore

0043	Sudden Valley Replace AC and 2" PVC Water Lines	\$85,206.64
0061	Lowell & Oriental PRVs	\$196,266.50
0072	SVWTP Clearwell Overflow Drain	\$84,413.16
0084	Agate Heights WTP - Additional Capacity	\$318,270.00
14W0001	Water Service Rebuilds	\$15,000.00
		Subtotal
		\$699,156.30

Year 2014 Totals **\$972,969.48**

2015**Sewer Collection**

15S0001	Sewer Collection System I&I Improvements (CMOM)	\$94,700.29
		Subtotal
		\$94,700.29

Water - South Shore

0045c	Geneva Area AC Water Main Replacement Phase 3	\$164,037.28
0083	SVWTP - Transfer and Transmission Pump VFD's	\$450,882.50
15W0001	Water Service Rebuilds	\$15,000.00
15W0003	SVWTP Filter 3&4 Media - Replace	\$18,548.39
		Subtotal
		\$648,468.17

Vehicles & Heavy Mobile Equip

15E0001	Replace Backhoe (budget estimate for new unit)	\$139,112.89
15V0001	Replace Tool Truck (9/20/2010 6 tool trucks in fleet)	\$50,000.00
15V0002	Replace Administrative Staff Vehicle (9/20/2010 2 cars in fleet - add 1 in 2011 for total of 3 cars)	\$20,000.00
15V0004	Replace Light Truck	\$28,981.85
		Subtotal
		\$238,094.74

Year 2015 Totals **\$981,263.20**

2016

Administration & Office/Shop Operations

16A0005	Accounting & Administration Server - Replace Hardware, Network Security, & OS	\$11,000.00
16A0007	Update Water Comprehensive Plan	\$100,000.00
		Subtotal
		\$111,000.00

Sewer Collection

0036	Sewer Tightline Project	\$289,818.52
16S0001	Sewer Collection System I&I Improvements (CMOM)	\$94,700.29
		Subtotal
		\$384,518.81

Sewer Pump Stations

0032	Priority #06 - Agate Bay Pump Station Retrofit	\$700,194.00
		Subtotal
		\$700,194.00

Water - South Shore

0034	Geneva Street Water Main Replacement	\$241,984.39
16W0001	Water Service Rebuilds	\$15,000.00
16W0007	SVWTP Filter 1&2 Media - Replace	\$18,548.39
		Subtotal
		\$275,532.78

Vehicles & Heavy Mobile Equip

0029	Smoke Blower	\$5,796.37
		Subtotal
		\$5,796.37

Year 2016 Totals \$1,477,041.96

2017

Administration & Office/Shop Operations

17A0011	Employee Salary Survey and Job Description Update	\$40,000.00
		Subtotal
		\$40,000.00

Sewer Collection

17S0001	Sewer Collection System I&I Improvements (CMOM)	\$94,700.29
		Subtotal
		\$94,700.29

Sewer Pump Stations

0038	Priority #07 - Geneva Pump Station Retrofit	\$615,322.00
		Subtotal
		\$615,322.00

Water - South Shore

0045a	Geneva Area AC Water Main Replacement Phase 1	\$507,182.41
17W0002	Fire Hydrants - Replace (14 year project)	\$139,112.89
17W0005	Reservoirs - Inspection & Maintenance	\$24,597.48
		Subtotal
		\$670,892.78

Year 2017 Totals \$1,420,915.07

2018

Sewer Collection

18S0001	Sewer Collection System I&I Improvements (CMOM)	\$94,700.29
		Subtotal
		\$94,700.29

Sewer Pump Stations

0021	Priority #08 - Boulevard Pump Station Retrofit	\$615,322.00
		Subtotal
		\$615,322.00

Water - South Shore

0063a	Geneva Area AC Water Main Replacement	\$431,829.59
18W0002	Fire Hydrants - Replace (14 year project)	\$139,112.89
		Subtotal
		\$570,942.48

Vehicles & Heavy Mobile Equip

18V0001	Replace Tool Truck (9/20/2010 6 tool trucks in fleet)	\$50,000.00
		Subtotal
		\$50,000.00

Year 2018 Totals **\$1,330,964.77**

2019

Administration & Office/Shop Operations

19A0005	Accounting & Administration Server - Replace Hardware, Network Security, & OS	\$11,000.00
19A0010	Update Sewer Comprehensive Plan	\$40,000.00
		Subtotal
		\$51,000.00

Sewer Collection

19S0001	Sewer Collection System I&I Improvements (CMOM)	\$94,700.29
		Subtotal
		\$94,700.29

Sewer Pump Stations

0056	Priority #09 - Lakewood Pump Station Retrofit	\$615,322.00
		Subtotal
		\$615,322.00

Water - South Shore

0045b	Geneva Area AC Water Main Replacement Phase 2	\$370,388.07
19W0002	Fire Hydrants - Replace (14 year project)	\$139,112.89
		Subtotal
		\$509,500.96

Vehicles & Heavy Mobile Equip

19V0002	Replace Administrative Staff Vehicle (9/20/2010 2 cars in fleet - add 1 in 2011 for total of 3 cars)	\$20,000.00
		Subtotal
		\$20,000.00

Year 2019 Totals **\$1,290,523.25**

2020

Administration & Office/Shop Operations

20A0011	Employee Salary Survey and Job Description Update	\$40,000.00
		Subtotal \$40,000.00

Sewer Collection

20S0001	Sewer Collection System I&I Improvements (CMOM)	\$94,700.29
		Subtotal \$94,700.29

Sewer Pump Stations

0050	Priority #10 - Par Lane Pump Station Retrofit	\$615,322.00
		Subtotal \$615,322.00

Water - South Shore

0063b	Geneva Area AC Water Main Replacement	\$507,182.41
20W0002	Fire Hydrants - Replace (14 year project)	\$139,112.89
		Subtotal \$646,295.30

Vehicles & Heavy Mobile Equip

20V0003	Replace Meter Reading Van	\$23,185.48
		Subtotal \$23,185.48

Year 2020 Totals \$1,419,503.07

GRAND TOTAL \$11,660,166.53



2011 Capital Improvement Plan

9/28/2010 PRELIMINARY DRAFT

<i>Year</i>	<i>2011 Cost Estimate</i>
2011	\$936,655.09
2012	\$958,995.34
2013	\$871,335.30
2014	\$972,969.48
2015	\$981,263.20
2016	\$1,477,041.96
2017	\$1,420,915.07
2018	\$1,330,964.77
2019	\$1,290,523.25
2020	\$1,419,503.07
Total	\$11,660,166.53

CIPNum	ProjName	CostEst
E0008	Replace Flush/Vac Truck	\$175,000.00
0082	SVWTP - Emergency Generator Upgrade	\$325,000.00
0087	SVWTP - Pipe Coating	\$50,000.00
0088	Operations Pole Building - Slab & Re-Roof	\$20,000.00
0089	Steel Reservoir Assessment - Coatings and Corrosion	\$40,000.00