



Capital Improvement Program

FY 2013 - 2017

Adopted June 18, 2012

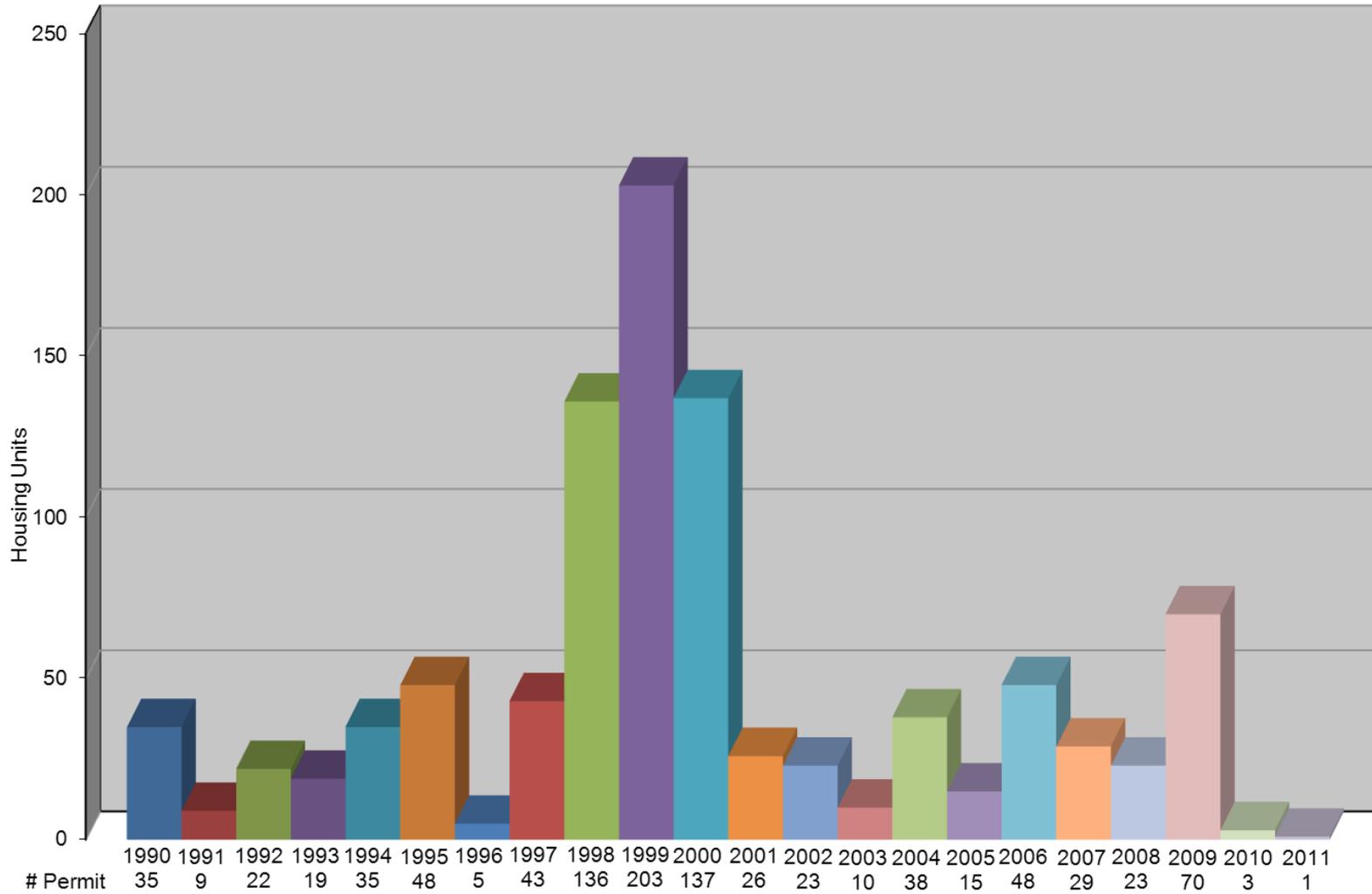
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PART A

SUMMARIES

City of Healdsburg - Permits Issued



**CAPITAL IMPROVEMENT PROGRAM
FUND APPROPRIATIONS
SUMMARY**

	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	TOTAL
General Fund - Planning & Building	160,000	-	-	-	-	160,000
Gas Tax Fund	2,051,809	1,599,491	116,414	160,000	-	3,927,714
Lighting & Landscaping AD1	103,550	-	-	-	-	103,550
Streets Fund	9,864,936	9,772,187	1,871,134	1,993,000	78,000	23,579,257
Water Fund	1,077,367	1,348,000	3,003,000	553,000	3,123,000	9,104,367
Wastewater Fund	1,458,183	6,234,750	2,834,750	284,750	284,750	11,097,183
Drainage Fund	210,000	260,000	-	-	-	470,000
Electric Fund	57,800	551,900	331,000	132,000	-	1,072,700
Community Services Fund	25,000	-	-	-	-	25,000
Street Impact Fees	532,322	2,627,285	-	-	-	3,159,607
Water Capacity Fees	80,400	327,000	22,000	22,000	352,000	803,400
Wastewater Capacity Fees	194,250	1,790,250	40,250	40,250	40,250	2,105,250
Drainage Capacity Fees	335,225	-	-	-	-	335,225
TOTAL APPROPRIATIONS	\$ 16,150,842	\$ 24,510,863	\$ 8,218,548	\$ 3,185,000	\$ 3,878,000	\$ 55,943,253

PART B
DETAILS

**CAPITAL IMPROVEMENT PROGRAM
FUND APPROPRIATIONS
DETAIL**

	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	TOTAL
Planning & Building - General Fund						
Central Healdsburg Avenue Special Study Area Plan	160,000	-	-	-	-	160,000
Gas Tax Fund						
Streetscape Improvements	1,100,000	-	-	-	-	1,100,000
5-Way Intersection Improvements	-	125,000	-	-	-	125,000
Healdsburg Avenue Bridge	726,809	1,199,491	98,414	-	-	2,024,714
101 and Westside Road Interchange	25,000	75,000	18,000	160,000	-	278,000
Asphalt Rubber Chip Seal	200,000	200,000	-	-	-	400,000
Lighting & Landscaping AD 1						
Lighting & Landscaping - District 1	30,550	-	-	-	-	30,550
Barbieri Brothers Park Parking Lot	73,000	-	-	-	-	73,000
Streets Fund						
101 and Dry Creek Road Interchange	15,000	336,038	751,538	-	-	1,102,576
Healdsburg Avenue Bridge	7,737,091	9,258,149	759,596	-	-	17,754,836
Grant Street Safe Route to School	12,678	-	-	-	-	12,678
Grant Street Railroad Crossing Improvements	623,000	-	-	-	-	623,000
CDBG ADA Improvements	78,000	78,000	78,000	78,000	78,000	390,000
Grove Street Neighborhood Study	15,000	-	-	-	-	15,000
Foss Creek Pathway Segment 6	1,200,000	-	-	-	-	1,200,000
101 and Westside Road Interchange	-	50,000	282,000	1,915,000	-	2,247,000
Asphalt Rubber Chip Seal	50,000	50,000	-	-	-	100,000
Burgundy Slide Repair	134,167	-	-	-	-	134,167
Water Fund						
Water Service Replacements	150,000	150,000	150,000	150,000	150,000	750,000
Well and Pump Rehabilitation	125,000	125,000	125,000	125,000	125,000	625,000
2010 Urban Water Management Plan Update	40,000	-	-	-	-	40,000
Dry Creek Clearwell Liner	58,600	-	-	-	-	58,600
Water System Upgrades	178,000	178,000	178,000	178,000	178,000	890,000
South Water System Extension	-	450,000	2,550,000	-	-	3,000,000
Fitch Well Field Stormwater Improvements	178,000	-	-	-	-	178,000
Corp Yard MS4 Stormwater Compliance Improvements	178,000	-	-	-	-	178,000
Sunset Reservoir Roof Replacement	35,600	-	-	-	-	35,600
Gauntlett Reservoir Roof Replacement	-	445,000	-	-	-	445,000
Membrane Filter Replacements	-	-	-	100,000	-	100,000
Gauntlett/Fitch WTP - Phase 2 Expansion	-	-	-	-	2,670,000	2,670,000
Burgundy Slide Repair	134,167	-	-	-	-	134,167

**CAPITAL IMPROVEMENT PROGRAM
FUND APPROPRIATIONS
DETAIL**

	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	TOTAL
Wastewater Fund						
Recycled Water System ROW Acquisition	200,000	-	-	-	-	200,000
Recycled Water System - Design	123,267	-	-	-	-	123,267
WWTP Record Drawings	20,000	-	-	-	-	20,000
South Sewer System Extension	-	450,000	2,550,000	-	-	3,000,000
Syar Recycled Water System Connection	53,250	-	-	-	-	53,250
Recycled Water Site Technical Studies	35,500	17,750	17,750	17,750	17,750	106,500
Sewer Collection System Master Plan	75,000	-	-	-	-	75,000
Collection System Rehab/Replacement	267,000	267,000	267,000	267,000	267,000	1,335,000
WWTP Solids Handling Improvements	550,000	-	-	-	-	550,000
Recycled Water System - Phase 1 Construction	-	5,500,000	-	-	-	5,500,000
Burgundy Slide Repair	134,166	-	-	-	-	134,166
Drainage Fund						
Stormdrain Master Plan	50,000	-	-	-	-	50,000
Vintage Hills Stormdrain Replacement	160,000	260,000	-	-	-	420,000
Electric Fund						
Grove Street Tie-Line	37,800	243,900	-	-	-	281,700
Badger Substation 60kV Bus	20,000	96,000	-	-	-	116,000
Complete Downtown Commercial Loops	-	136,000	116,000	132,000	-	384,000
Badger 12kV Breaker Replacement	-	76,000	215,000	-	-	291,000
Community Service Fund						
Rec Park Backstop Net	25,000	-	-	-	-	25,000
Streets Impact Fees						
5-Way Intersection Improvements	475,000	2,100,000	-	-	-	2,575,000
Healdsburg Avenue Bridge	-	527,285	-	-	-	527,285
Grant Street Safe Route to School	822	-	-	-	-	822
Grove Street Neighborhood Study	11,500	-	-	-	-	11,500
Foss Creek Pathway Segment 6	45,000	-	-	-	-	45,000
Water Capacity Fees						
Healdsburg Avenue Bridge	-	250,000	-	-	-	250,000
2010 Urban Water Management Plan Update	10,000	-	-	-	-	10,000
Water System Upgrades	22,000	22,000	22,000	22,000	22,000	110,000
Fitch Well Field Stormwater Improvements	22,000	-	-	-	-	22,000
Corp Yard MS4 Stormwater Compliance Improvements	22,000	-	-	-	-	22,000
Sunset Reservoir Roof Replacement	4,400	-	-	-	-	4,400
Gauntlett Reservoir Roof Replacement	-	55,000	-	-	-	55,000
Gauntlett/Fitch WTP - Phase 2 Expansion	-	-	-	-	330,000	330,000

**CAPITAL IMPROVEMENT PROGRAM
FUND APPROPRIATIONS
DETAIL**

	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	TOTAL
Wastewater Capacity Fees						
Healdsburg Avenue Bridge	-	250,000	-	-	-	250,000
Recycled Water System - Design	50,000	-	-	-	-	50,000
Syar Recycled Water System Connection	21,750	-	-	-	-	21,750
Recycled Water Site Technical Studies	14,500	7,250	7,250	7,250	7,250	43,500
Sewer Collection System Master Plan	75,000	-	-	-	-	75,000
Collection System Rehab/Replacement	33,000	33,000	33,000	33,000	33,000	165,000
Recycled Water System - Phase 1 Construction	-	1,500,000	-	-	-	1,500,000
Drainage Capacity Fees						
McDonough Heights Stormdrain Improvements	210,225	-	-	-	-	210,225
Stormdrain Master Plan	100,000	-	-	-	-	100,000
Vintage Hills Stormdrain Replacement	25,000	-	-	-	-	25,000
TOTAL APPROPRIATIONS	\$ 16,150,842	\$ 24,510,863	\$ 8,218,548	\$ 3,185,000	\$ 3,878,000	\$ 55,943,253

Project by Project Type
2013 - 2017

PROJECT		2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	TOTAL
City Wide Projects							
Streetscape Improvements	CW0035	1,100,000	-	-	-	-	1,100,000
Central Healdsburg Avenue Special Study Area Plan	CW1004	160,000	-	-	-	-	160,000
Total		1,260,000	-	-	-	-	1,260,000
Community Services Projects							
Lighting & Landscaping District 1	PK0801	30,550	-	-	-	-	30,550
Barbieri Brothers Park Parking Lot	PK0805	73,000	-	-	-	-	73,000
Rec Park Backstop Net	PK1102	25,000	-	-	-	-	25,000
Total		128,550	-	-	-	-	128,550
Electric Projects							
Grove Street Tie-Line	EL1007	37,800	243,900	-	-	-	281,700
Badger Substation 60kV Bus	EL1008	20,000	96,000	-	-	-	116,000
Complete Downtown Commercial Loop	New	-	136,000	116,000	132,000	-	384,000
Badger 12kV Breaker Replacement	New	-	76,000	215,000	-	-	291,000
Total		57,800	551,900	331,000	132,000	-	1,072,700
Wastewater Projects							
Recycled Water System ROW Acquisition	PWS902	200,000	-	-	-	-	200,000
Recycled Water System - Design	PWS904	173,267	-	-	-	-	173,267
WWTP Record drawings	PWS906	20,000	-	-	-	-	20,000
South Sewer System Extension	PWS907	-	450,000	2,550,000	-	-	3,000,000
Syar Recycled Water System Connection	PWS910	75,000	-	-	-	-	75,000
Recycled Water Site Technical Studies	PWS912	50,000	25,000	25,000	25,000	25,000	150,000
Sewer Collection System Master Plan	PWS913	150,000	-	-	-	-	150,000
Collection System Rehabilitation/Replacement	PWS914	300,000	300,000	300,000	300,000	300,000	1,500,000
WWTP Solids Handling Improvements	PWS915	550,000	-	-	-	-	550,000
Recycled Water System-Phase 1 Construction	New	-	7,000,000	-	-	-	7,000,000
Total		1,518,267	7,775,000	2,875,000	325,000	325,000	12,818,267
Stormdrain Projects							
McDonough Heights Stormdrain Improvements	PWD102	210,225	-	-	-	-	210,225
Stormdrain Master Plan	PWD106	150,000	-	-	-	-	150,000
Vintage Hills Stormdrain Replacement	PWD107	185,000	260,000	-	-	-	445,000
Total		545,225	260,000	-	-	-	805,225

Project by Project Type
2013 - 2017

PROJECT		2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	TOTAL
Street Projects							
101 and Dry Creek Interchange	PWT101	15,000	336,038	751,538	-	-	1,102,576
5-way Improvements	PWT108	475,000	2,225,000	-	-	-	2,700,000
Healdsburg Avenue Bridge	PWT110	8,463,900	11,484,925	858,010	-	-	20,806,835
Grant Street Safe Route to School	PWT902	13,500	-	-	-	-	13,500
Grant Street Railroad Crossing Improvements	PWT904	623,000	-	-	-	-	623,000
CDBG ADA Improvements	PWT905	78,000	78,000	78,000	78,000	78,000	390,000
Grove Street Neighborhood Study	PWT907	26,500	-	-	-	-	26,500
Foss Creek Pathway Phase 6	PWT908	1,245,000	-	-	-	-	1,245,000
101 and Westside Road Interchange	PWT910	25,000	125,000	300,000	2,075,000	-	2,525,000
Asphalt Rubber Chip Seal	PWT912	250,000	250,000	-	-	-	500,000
Burgundy Slide Repair	PWT913	402,500	-	-	-	-	402,500
Total		11,617,400	14,498,963	1,987,548	2,153,000	78,000	30,334,911
Water Projects							
Water Service Replacements	PWW115	150,000	150,000	150,000	150,000	150,000	750,000
Well and Pump Rehabilitation	PWW116	125,000	125,000	125,000	125,000	125,000	625,000
2010 Urban Water Management Plan Update	PWW118	50,000	-	-	-	-	50,000
Dry Creek Clearwell Liner	PWW119	58,600	-	-	-	-	58,600
Water System Upgrades	PWW120	200,000	200,000	200,000	200,000	200,000	1,000,000
South Water System Extension	PWW121	-	450,000	2,550,000	-	-	3,000,000
Fitch Well Field Stormwater Improvements	PWW122	200,000	-	-	-	-	200,000
Corp Yard MS4 Stormwater Compliance Improvements	PWW123	200,000	-	-	-	-	200,000
Sunset Reservoir Roof Replacement	PWW124	40,000	-	-	-	-	40,000
Gauntlett Reservoir Roof Replacement	New	-	500,000	-	-	-	500,000
Membrane Filter Replacements	New	-	-	-	100,000	-	100,000
Gauntlett/Fitch WTP - Phase 2 Expansion	New	-	-	-	-	3,000,000	3,000,000
Total		1,023,600	1,425,000	3,025,000	575,000	3,475,000	9,523,600
Grand Totals		\$ 16,150,842	\$ 24,510,863	\$ 8,218,548	\$ 3,185,000	\$ 3,878,000	\$ 55,943,253

PART C
PROJECT DESCRIPTIONS

CITYWIDE PROJECTS

**APPROPRIATIONS PLAN SUMMARY FOR
CITYWIDE PROJECTS**

PROJECT	PROJECT #	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	TOTAL
Streetscape Improvements	CW0035	1,100,000	-	-	-	-	1,100,000
Central Hbg Ave Special Study Area Plan	CW1004	160,000	-	-	-	-	160,000
TOTAL APPROPRIATIONS		\$ 1,260,000	\$ -	\$ -	\$ -	\$ -	\$ 1,260,000

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

Streetscape Improvements

Project Number:

CW0035

Project Description:

The existing streetscape work completed around Plaza Park and along Healdsburg Avenue has created an ambience and identity for Healdsburg. Improvements serve to stimulate pedestrian traffic, drawing people through the area much like signage. This project will include more streetscape improvements and entry corridor enhancements that will upgrade the City entrances to maintain and attract new businesses. This project was approved in 2010, awarded in 2011 and expected to be completed in 2013.

Department:

Public Works

General Plan Consistency:

The visual enhancement of the downtown area is among the City's top priorities in order to protect its critical role in the community.



Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	70,000	70,000	50,000	-	-	-	-	50,000
	Professional Services	200,000	200,000	50,000	-	-	-	-	50,000
	Construction	2,362,536	1,262,536	1,000,000	-	-	-	-	1,000,000
		-	-	-	-	-	-	-	-
	Total	\$ 2,632,536	\$ 1,532,536	\$ 1,100,000	\$ -	\$ -	\$ -	\$ -	\$ 1,100,000
Funding Sources:	RDA-Coop Agreement	442,360	271,246	-	-	-	-	-	-
	Water Capacity Fees	200,000	200,000	-	-	-	-	-	-
	Storm Drain Capacity Fees	337,613	337,613	-	-	-	-	-	-
	Sewer Capacity Fees	200,000	200,000	-	-	-	-	-	-
	Sewer Operations	135,000	135,000	-	-	-	-	-	-
	Street Operations	150,000	150,000	-	-	-	-	-	-
	Water Operations	125,000	125,000	-	-	-	-	-	-
	Gas Tax	1,042,563	113,677	1,100,000	-	-	-	-	1,100,000
	Total	\$ 2,632,536	\$ 1,532,536	\$ 1,100,000	\$ -	\$ -	\$ -	\$ -	\$ 1,100,000

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

Central Healdsburg Avenue Special Study Area Plan

Project Number:

CW1004

Project Description:

Preparation of an environmental review impact report for the Plan in compliance with CEQA.

Department:

Planning & Building

General Plan Consistency:

To complete a special study area plan for the Central Healdsburg Avenue Area to promote economic development and reduce blight.



Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	Professional Services	200,000	134,531	160,000	-	-	-	-	160,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 200,000	\$ 134,531	\$ 160,000	\$ -	\$ -	\$ -	\$ -	\$ 160,000
Funding Sources:	RDA	200,000	133,753	-	-	-	-	-	-
	MTC Grant	-	778	160,000	-	-	-	-	160,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 200,000	\$ 134,531	\$ 160,000	\$ -	\$ -	\$ -	\$ -	\$ 160,000

COMMUNITY SERVICES PROJECTS

**APPROPRIATIONS PLAN SUMMARY FOR
COMMUNITY SERVICES PROJECTS**

PROJECT	PROJECT #	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	TOTAL
Lighting & Landscaping District 1	PK0801	30,550	-	-	-	-	30,550
Barbieri Brothers Park Parking Lot	PK0805	73,000	-	-	-	-	73,000
Rec Park Backstop Net	PK1102	25,000	-	-	-	-	25,000
TOTAL APPROPRIATIONS		\$ 128,550	\$ -	\$ -	\$ -	\$ -	\$ 128,550

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

Lighting & Landscaping District Zone One

Project Number:

PK0801

Project Description:

Lighting and landscaping money to be used over time for landscaping and irrigation in L & L District Zone One.

Department:

Community Services - Parks Department

General Plan Consistency:

Maintain landscaping in zone one.



Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	31,250	22,690	8,519	-	-	-	-	8,519
	Repairs and Equipment	93,750	71,760	22,031	-	-	-	-	22,031
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	Total	\$ 125,000	\$ 94,450	\$ 30,550	\$ -	\$ -	\$ -	\$ -	\$ 30,550
Funding Sources:	L & L AD1	125,000	94,450	30,550	-	-	-	-	30,550
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	Total	\$ 125,000	\$ 94,450	\$ 30,550	\$ -	\$ -	\$ -	\$ -	\$ 30,550

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

Barbieri Brothers Park Parking Lot

Project Number:

PK0805

Project Description:

Lighting and landscaping project that is tied to Saggio Hills. Landscaping for the parking lot is on hold until the project moves forward.

Department:

Community Services - Parks Department

General Plan Consistency:

Maintain public park parking lot.



Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	Professional Services	73,000	-	73,000	-	-	-	-	73,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 73,000	\$ -	\$ 73,000	\$ -	\$ -	\$ -	\$ -	\$ 73,000
Funding Sources:	L & L AD1	73,000	-	73,000	-	-	-	-	73,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 73,000	\$ -	\$ 73,000	\$ -	\$ -	\$ -	\$ -	\$ 73,000

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:
Rec Park Backstop Net

Project Number:
PK1102

Project Description:
Backstop net to finish off the renovation of the grandstands and baseball field at Recreation Park.

Department:
Community Services

General Plan Consistency:
Develop and maintain public parks and recreation facilities.



Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	Equipment	-	-	25,000	-	-	-	-	25,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ -	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000
Funding Sources:	Community Services Fund	-	-	25,000	-	-	-	-	25,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ -	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000

ELECTRIC PROJECTS

**APPROPRIATIONS PLAN SUMMARY FOR
ELECTRIC PROJECTS**

PROJECT	PROJECT #	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	TOTAL
Grove Street Tie-Line	EL1007	37,800	243,900	-	-	-	281,700
Badger Substation 60kV Bus	EL1008	20,000	96,000	-	-	-	116,000
Complete Downtown Commercial Loops	New	-	136,000	116,000	132,000	-	384,000
Badger 12kV Breaker Replacement	New	-	76,000	215,000	-	-	291,000
TOTAL APPROPRIATIONS		\$ 57,800	\$ 551,900	\$ 331,000	\$ 132,000	\$ -	\$ 1,072,700

City of Healdsburg
 Five Year Capital Improvement Program
 Project Detail Form

Project Name:
 Grove Street Tie-Line

Project Number:
 EL1007

Project Description:
 Installing a 600 amp tie-line along Grove Street from Grant Street to Dry Creek Road will improve the overall reliability of the Electric System north of Grant Street. The tie-line will increase the system capacity of the Grove Street area as well as provide a second main-line feed to the area of Dry Creek Road and North. Construction is expected to span two fiscal years due to a mix of overhead and underground construction.

Department:
 Electric Department

General Plan Consistency:
 This project will improve the system reliability of the entire City's electric system.



Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	-	-	14,400	76,400	-	-	-	90,800
	Materials & Construction	-	-	23,400	167,500	-	-	-	190,900
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ -	\$ -	\$ 37,800	\$ 243,900	\$ -	\$ -	\$ -	\$ 281,700
Funding Sources:	Electric Operations	-	-	37,800	243,900	-	-	-	281,700
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ -	\$ -	\$ 37,800	\$ 243,900	\$ -	\$ -	\$ -	\$ 281,700

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:
Badger Substation 60kV Bus

Project Number:
EL1008

Project Description:
As exists, Badger Substation's 60kV bussing is configured with a single permanent feed and a temporary second feed. Converting the temporary 60kV into a permanent installation requires the installation of one steel dead-end structure capable of 60kV metering. The second 60kV feed minimizes the need for Citywide outages due to maintenance on the 60kV bus and associated switchgear.

Department:
Electric Department

General Plan Consistency:
This project will improve the system reliability of the entire City's electric service.



Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	-	-	-	36,000	-	-	-	36,000
	Materials & Construction	-	-	20,000	60,000	-	-	-	80,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ -	\$ -	\$ 20,000	\$ 96,000	\$ -	\$ -	\$ -	\$ 116,000
Funding Sources:	Electric Operations	-	-	20,000	96,000	-	-	-	116,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ -	\$ -	\$ 20,000	\$ 96,000	\$ -	\$ -	\$ -	\$ 116,000

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

Complete Downtown Commercial Loops

Project Number:

Assigned by Finance

Project Description:

In the core downtown business area are several radial electric services. The radial construction presents a reliability constraint, as most maintenance activities require power-outages to several businesses. The completion of the commercial loops throughout the downtown area will minimize the need for power outages and shorten restoration times. Projects are planned for the areas of Plaza and Center, Healdsburg and Center and other commercial blocks of downtown.

Department:

Electric Department

General Plan Consistency:

This project will improve the system capacity and reliability of the entire City's electric service.



Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	-	-	-	36,000	36,000	36,000	-	108,000
	Materials & Construction	-	-	-	100,000	80,000	96,000	-	276,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ -	\$ -	\$ -	\$ 136,000	\$ 116,000	\$ 132,000	\$ -	\$ 384,000
Funding Sources:	Electric Operations	-	-	-	136,000	116,000	132,000	-	384,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ -	\$ -	\$ -	\$ 136,000	\$ 116,000	\$ 132,000	\$ -	\$ 384,000

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:
Badger 12kV Breaker Replacement

Project Number:
Assigned by Finance

Project Description:
The existing 12kV breakers at Badger Substation are beyond their expected life span and are in need of replacement. Additionally, the 12kV bus structure is deficient in height and switch capacity and requires modifications to improve safety and system capacity. This project will replace the five existing 12kV 600amp breakers, raise the 12kV bus structure two feet, and replace several under sized disconnect switches.

Department:
Electric Department

General Plan Consistency:
This project will improve the system capacity and reliability of the entire City's electric system.



Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	-	-	-	36,000	90,000	-	-	126,000
	Materials & Construction	-	-	-	40,000	125,000	-	-	165,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ -	\$ -	\$ -	\$ 76,000	\$ 215,000	\$ -	\$ -	\$ 291,000
Funding Sources:	Electric Operations	-	-	-	76,000	215,000	-	-	291,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ -	\$ -	\$ -	\$ 76,000	\$ 215,000	\$ -	\$ -	\$ 291,000

WASTEWATER PROJECTS

**APPROPRIATIONS PLAN SUMMARY FOR
WASTEWATER PROJECTS**

PROJECT	PROJECT #	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	TOTAL
Recycled Water System ROW Acquisition	PWS902	200,000	-	-	-	-	200,000
Recycled Water System - Design	PWS904	173,267	-	-	-	-	173,267
WWTP Record Drawings	PWS906	20,000	-	-	-	-	20,000
South Sewer System Extension	PWS907	-	450,000	2,550,000	-	-	3,000,000
Syar Recycled Water System Connection	PWS910	75,000	-	-	-	-	75,000
Recycled Water Site Technical Studies	PWS912	50,000	25,000	25,000	25,000	25,000	150,000
Sewer Collection System Master Plan	PWS913	150,000	-	-	-	-	150,000
Collection System Rehabilitation/Replacement	PWS914	300,000	300,000	300,000	300,000	300,000	1,500,000
WWTP Solids Handling Improvements	PWS915	550,000	-	-	-	-	550,000
Recycled Water System-Phase 1 Construction	New	-	7,000,000	-	-	-	7,000,000
TOTAL APPROPRIATIONS		\$ 1,518,267	\$ 7,775,000	\$ 2,875,000	\$ 325,000	\$ 325,000	\$ 12,818,267

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

Recycled Water System ROW Acquisition

Project Number:

PWS902

Project Description:

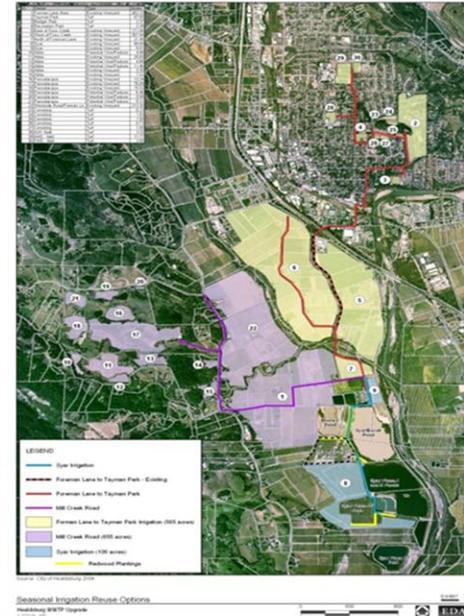
This CIP would fund acquisition costs for new pipeline and pump station easements required to construct the new recycled water system. Most of the additional pipeline right-of-way is on the Syar property near the WWTP. The pump station is near Kinley Dr.

Department:

Public Works

General Plan Consistency:

The City will pursue agricultural and urban reuse of recycled water in accordance with state law to minimize the use of potable water in serving existing and planned development.



Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel/Legal Costs	50,000	-	50,000	-	-	-	-	50,000
	Acquisition	150,000	-	150,000	-	-	-	-	150,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 200,000	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000
Funding Sources:	USDA Grant/Loan Funding	200,000	-	200,000	-	-	-	-	200,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 200,000	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

Recycled Water System - Design

Project Number:

PWS904

Project Description:

This project covers continuing design costs for the recycled water distribution system, pumping station and environmental documents. Remaining design work includes items needed to connect to the Geysers Pipeline and aerial crossing over Dry Creek. The environmental work is needed for compliance with USDA loans and grant conditions. Construction management costs are also included in the project costs.



Department:

Public Works

General Plan Consistency:

The City will pursue agricultural and urban reuse of recycled water in accordance with state law to minimize the use of potable water in serving existing and planned development.

Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	5,000	5,000	25,000	-	-	-	-	25,000
	Professional Services	45,000	45,000	148,267	-	-	-	-	148,267
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 50,000	\$ 50,000	\$ 173,267	\$ -	\$ -	\$ -	\$ -	\$ 173,267
Funding Sources:	Sewer Operations	50,000	50,000	123,267	-	-	-	-	123,267
	Wastewater Capacity Fees			50,000					50,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 50,000	\$ 50,000	\$ 173,267	\$ -	\$ -	\$ -	\$ -	\$ 173,267

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

WWTP Record Drawings

Project Number:

PWS906

Project Description:

This project is to produce electronic as-built drawings for the WWTP. At the end of the project construction, the City received redlined mark-up drawings from the contractor showing changes made during construction, as required under the contract. This project would fund consultant work to incorporate the changes to the original construction drawings into the electronic AutoCAD drawings.



Department:

Public Works

General Plan Consistency:

Improve and maintain the City sewer infrastructure.

Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	5,000	-	5,000	-	-	-	-	5,000
	Acquisition	15,000	-	15,000	-	-	-	-	15,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 20,000	\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000
Funding Sources:	USDA Grant/Loan Funding	20,000	-	20,000	-	-	-	-	20,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 20,000	\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:
South Sewer System Extension

Project Number:
PWS907

Project Description:
This project covers formation of an assessment district, environmental studies, design and Phase I construction of gravity sewer main, lift station and force main to serve the area south of the Healdsburg Avenue Bridge.

Department:
Public Works

General Plan Consistency:
An adequate level of service in the City's sewage collection and disposal system that meets the needs of existing and projected development.



Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	50,000	-	-	50,000	50,000	-	-	100,000
	Professional Services	400,000	-	-	400,000	100,000	-	-	500,000
	Construction	-	-	-	-	2,400,000	-	-	2,400,000
		-	-	-	-	-	-	-	-
	Total	\$ 450,000	\$ -	\$ -	\$ 450,000	\$ 2,550,000	\$ -	\$ -	\$ 3,000,000
Funding Sources:	RDA	450,000	-	-	-	-	-	-	-
	Assessment District	-	-	-	450,000	2,550,000	-	-	3,000,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 450,000	\$ -	\$ -	\$ 450,000	\$ 2,550,000	\$ -	\$ -	\$ 3,000,000

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

Syar Recycled Water System Connection

Project Number:

PWS910

Project Description:

This project is to extend recycled water piping to connect the Syar vineyard properties at the northeast and southwest corners of the wastewater treatment plant property. The Syar properties abut the treatment plant property to the south, east and north. Syar will install all necessary recycled water piping within its own property.



Department:

Public Works

General Plan Consistency:

The City will pursue agricultural and urban reuse of recycled water in accordance with state law to minimize the use of potable water in serving existing and planned development.

Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	15,000	-	15,000	-	-	-	-	15,000
	Professional Services	60,000	-	60,000	-	-	-	-	60,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 75,000	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ 75,000
Funding Sources:	Sewer Operations	53,250	-	53,250	-	-	-	-	53,250
	Wastewater Capacity Fees	21,750	-	21,750	-	-	-	-	21,750
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 75,000	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ 75,000

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

Recycled Water Site Technical Studies

Project Number:

PWS912

Project Description:

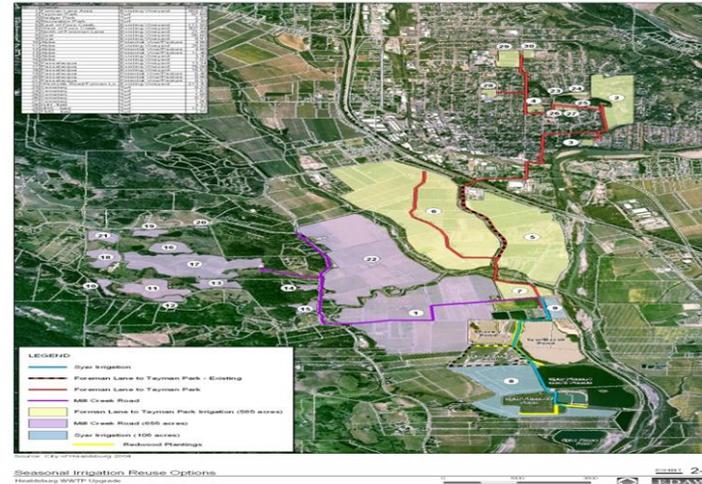
This project covers consultant costs for the technical studies to connect new recycled water users to the City's recycled water system. The technical studies and "Operation and Irrigation Management Plans" were required in the new NPDES permit adopted by the Regional Water Quality Control Board in October 2010.

Department:

Public Works

General Plan Consistency:

The City will pursue agricultural and urban reuse of recycled water in accordance with state law to minimize the use of potable water in serving existing and planned development.



Appropriations beyond the 5 year program period are needed to complete the project: Yes (X) No ()

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	Professional Services	50,000	-	50,000	25,000	25,000	25,000	25,000	150,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 50,000	\$ -	\$ 50,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 150,000
Funding Sources:	Sewer Operations	35,500	-	35,500	17,750	17,750	17,750	17,750	106,500
	Wastewater Capacity Fees	14,500	-	14,500	7,250	7,250	7,250	7,250	43,500
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 50,000	\$ -	\$ 50,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 150,000

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

Sewer Collection System Master Plan

Project Number:

PWS913

Project Description:

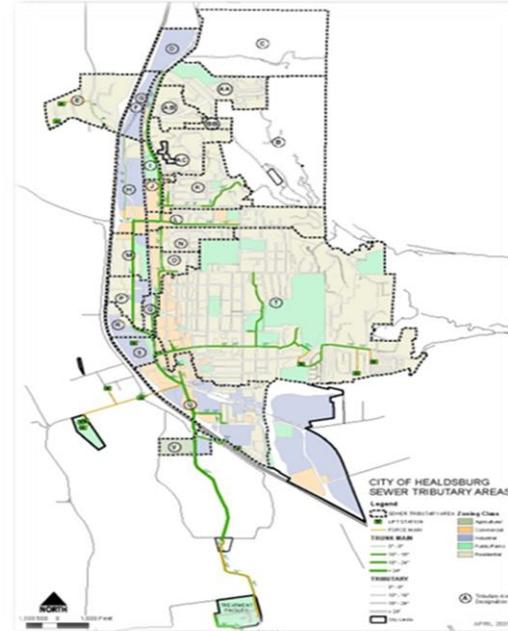
This project funds a comprehensive long-term master plan for the sewer collection system, providing for new construction and rehabilitation of the existing system to meet the 2030 General Plan build out projections. The master plan will provide a prioritized list of collection system improvements and will guide the department's CIP project planning.

Department:

Public Works

General Plan Consistency:

Improve and maintain the City sewer infrastructure.



Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	25,000	-	25,000	-	-	-	-	25,000
	Professional Services	125,000	-	125,000	-	-	-	-	125,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 150,000	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Funding Sources:	Sewer Operations	75,000	-	75,000	-	-	-	-	75,000
	Wastewater Capacity Fees	75,000	-	75,000	-	-	-	-	75,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 150,000	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

Collection System Rehabilitation/Replacement

Project Number:

PWS914

Project Description:

This project covers replacement or rehabilitation of existing sewer mains, manholes and other sewer collection facilities.

Department:

Public Works

General Plan Consistency:

An adequate level of service in the City's sewage collection and disposal system that meets the needs of existing and projected development.



Appropriations beyond the 5 year program period are needed to complete the project: Yes (X) No ()

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2014-15	2016-17	Total
Project Costs:	City Personnel	2,000	2,000	300,000	300,000	300,000	300,000	300,000	1,500,000
	Professional Services	4,500	4,500	-	-	-	-	-	-
	Construction	12,500	12,500	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 19,000	\$ 19,000	\$ 300,000	\$ 1,500,000				
Funding Sources:	Sewer Operations	19,000	19,000	267,000	267,000	267,000	267,000	267,000	1,335,000
	Wastewater Capacity Fees	-	-	33,000	33,000	33,000	33,000	33,000	165,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 19,000	\$ 19,000	\$ 300,000	\$ 1,500,000				

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

WWTP Solids Handling Improvements

Project Number:

PWS915

Project Description:

This project covers improvements at the wastewater treatment plant to reduce the operational costs of off-hauling dewatered solids removed from the treatment process. The project would also cover removal of solids that have accumulated in the old treatment plant ponds and reconstructing those ponds for effluent storage and/or sludge drying beds.

Department:

Public Works

General Plan Consistency:

An adequate level of service in the City's sewage collection and disposal system that meets the needs of existing and projected development.



Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget	Est. Expend	2012-13	2013-14	2014-15	2015-16	2016-17	Total
		2011-12	2011-12						
Project Costs:	Construction	-	-	400,000	-	-	-	-	400,000
	Professional Services	-	-	100,000	-	-	-	-	100,000
	City Personnel	-	-	50,000	-	-	-	-	50,000
		-	-	-	-	-	-	-	-
	Total	\$ -	\$ -	\$ 550,000	\$ -	\$ -	\$ -	\$ -	\$ 550,000
Funding Sources:	Sewer Operations	-	-	550,000	-	-	-	-	550,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ -	\$ -	\$ 550,000	\$ -	\$ -	\$ -	\$ -	\$ 550,000

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

Recycled Water System - Phase 1 Construction

Project Number:

Assigned by Finance

Project Description:

This project sets aside funds for construction of Phase 1 of the recycled water distribution system. Phase 1 would include piping between the WWTP and Highway 101, including a new aerial pipe bridge over Dry Creek, the Geysers Pump Station and the Highway 101 undercrossing. Future phases will include extension to Tayman Park and a storage reservoir at Tayman Park, and a Geysers Pump station.



Department:

Public Works

General Plan Consistency:

The City will pursue agricultural and urban reuse of recycled water in accordance with state law to minimize the use of potable water in serving existing and planned development.

Appropriations beyond the 5 year program period are needed to complete the project: Yes (X) No ()

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	-	-	-	50,000	-	-	-	50,000
	Construction	-	-	-	6,800,000	-	-	-	6,800,000
	Construction Management	-	-	-	150,000	-	-	-	150,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ -	\$ -	\$ -	\$ 7,000,000	\$ -	\$ -	\$ -	\$ 7,000,000
Funding Sources:	Sewer Operations	-	-	-	500,000	-	-	-	500,000
	USDA Grant	-	-	-	1,000,000	-	-	-	1,000,000
	USDA Loan Funding	-	-	-	4,000,000	-	-	-	4,000,000
	Wastewater Capacity Fees	-	-	-	1,500,000	-	-	-	1,500,000
		-	-	-	-	-	-	-	-
	Total	\$ -	\$ -	\$ -	\$ 7,000,000	\$ -	\$ -	\$ -	\$ 7,000,000

STORMDRAIN PROJECTS

**APPROPRIATIONS PLAN SUMMARY FOR
STORMDRAIN PROJECTS**

PROJECT	PROJECT #	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	TOTAL
McDonough Hts Stormdrain Improvements	PWD102	210,225	-	-	-	-	210,225
Stormdrain Master Plan	PWD106	150,000	-	-	-	-	150,000
Vintage Hills Stormdrain Replacement	PWD107	185,000	260,000	-	-	-	445,000
TOTAL APPROPRIATIONS		\$ 545,225	\$ 260,000	\$ -	\$ -	\$ -	\$ 805,225

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

McDonough Heights Storm Drain Improvements

Project Number:

PWD102

Project Description:

This project covers drainage improvements needed in the McDonough Heights area due to failing piping. The project includes installation of drainage piping, channel rerouting and bank stabilization.

Department:

Public Works

General Plan Consistency:

A storm drainage system that accommodates runoff from existing and projected development and prevents property damage due to flooding



Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	Professional Services	335,225	125,000	210,225	-	-	-	-	210,225
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 335,225	\$ 125,000	\$ 210,225	\$ -	\$ -	\$ -	\$ -	\$ 210,225
Funding Sources:	Drainage Capacity Fees	335,225	125,000	210,225	-	-	-	-	210,225
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 335,225	\$ 125,000	\$ 210,225	\$ -	\$ -	\$ -	\$ -	\$ 210,225

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

Stormdrain Master Plan

Project Number:

PWD106

Project Description:

This project would conduct system wide analysis of storm drain infrastructure and capacity constraints. Project will provide cost estimates for improvements needed to meet current design standards.

Department:

Public Works

General Plan Consistency:

A storm drainage system that accommodates runoff from existing and projected development and prevents property damage due to flooding



Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	-	-	25,000	-	-	-	-	25,000
	Professional Services	-	-	125,000	-	-	-	-	125,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Funding Sources:	Drainage Capacity Fees	-	-	100,000	-	-	-	-	100,000
	Drainage Operations	-	-	50,000	-	-	-	-	50,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

Vintage Hills Stormdrain Replacement

Project Number:

PWD107

Project Description:

This project covers drainage improvements needed at Vintage Hills Subdivision due to failing piping. The project includes installation of drainage piping, channel rerouting and bank stabilization.

Department:

Public Works

General Plan Consistency:

A storm drainage system that accommodates runoff from existing and projected development and prevents property damage due to flooding



Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2010-11	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	-	-	10,000	10,000	-	-	-	20,000
	Professional Services	-	-	25,000	-	-	-	-	25,000
	Construction	-	-	150,000	250,000	-	-	-	400,000
		-	-	-	-	-	-	-	-
	Total	\$ -	\$ -	\$ 185,000	\$ 260,000	\$ -	\$ -	\$ -	\$ 445,000
Funding Sources:	Drainage Capacity Fees	-	-	25,000	-	-	-	-	25,000
	Drainage Operations	-	-	160,000	-	-	-	-	160,000
	Assessment District	-	-	-	260,000	-	-	-	260,000
		-	-	-	-	-	-	-	-
	Total	\$ -	\$ -	\$ 185,000	\$ 260,000	\$ -	\$ -	\$ -	\$ 445,000

STREETS PROJECTS

**APPROPRIATIONS PLAN SUMMARY FOR
STREETS PROJECTS**

PROJECT	PROJECT #	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	TOTAL
101 and Dry Creek Road Interchange	PWT101	15,000	336,038	751,538	-	-	1,102,576
5-Way Intersection Improvements	PWT108	475,000	2,225,000	-	-	-	2,700,000
Healdsburg Avenue Bridge	PWT110	8,463,900	11,484,925	858,010	-	-	20,806,835
Grant Street Safe Route to School	PWT902	13,500	-	-	-	-	13,500
Grant Street Railroad Crossing Improvements	PWT904	623,000	-	-	-	-	623,000
CDBG ADA Improvements	PWT905	78,000	78,000	78,000	78,000	78,000	390,000
Grove Street Neighborhood Study	PWT907	26,500	-	-	-	-	26,500
Foss Creek Pathway Segment 6	PWT908	1,245,000	-	-	-	-	1,245,000
101 and Westside Road Interchange	PWT910	25,000	125,000	300,000	2,075,000	-	2,525,000
Asphalt Rubber Chip Seal	PWT912	250,000	250,000	-	-	-	500,000
Burgundy Slide Repair	PWT913	402,500	-	-	-	-	402,500
TOTAL APPROPRIATIONS		\$ 11,617,400	\$ 14,498,963	\$ 1,987,548	\$ 2,153,000	\$ 78,000	\$ 30,334,911

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

101 and Dry Creek Road Interchange

Project Number:

PWT101

Project Description:

This project will provide for the design and construction of improvements to the existing Dry Creek Road Interchange at Hwy 101. Improvements to the interchange will include widening Dry Creek Road and both northbound and southbound off ramps, installing coordinated traffic signals at both off ramp intersections, as well as, making required provisions for future ramp metering lights. This is a multiple year project and will ultimately require cooperative funding agreements with the County of Sonoma and Caltrans.



Department:

Public Works

General Plan Consistency:

Work with Caltrans, Sonoma County and SCTA to plan and implement improvements to the Highway 101 interchanges at Dry Creek and Westside Road based on a fair share formula for cooperative funding of improvements among jurisdictions and agencies.

Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	15,000	-	15,000	25,000	25,000	-	-	65,000
	Professional Services	-	-	-	311,038	-	-	-	311,038
	Construction	-	-	-	-	726,538	-	-	726,538
	Total	\$ 15,000	\$ -	\$ 15,000	\$ 336,038	\$ 751,538	\$ -	\$ -	\$ 1,102,576
Funding Sources:	RDA	15,000	-	-	-	-	-	-	-
	HSIP Grant	-	-	-	336,038	751,538	-	-	1,087,576
	Street Operations	-	-	15,000	-	-	-	-	15,000
	-	-	-	-	-	-	-	-	-
	Total	\$ 15,000	\$ -	\$ 15,000	\$ 336,038	\$ 751,538	\$ -	\$ -	\$ 1,102,576

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

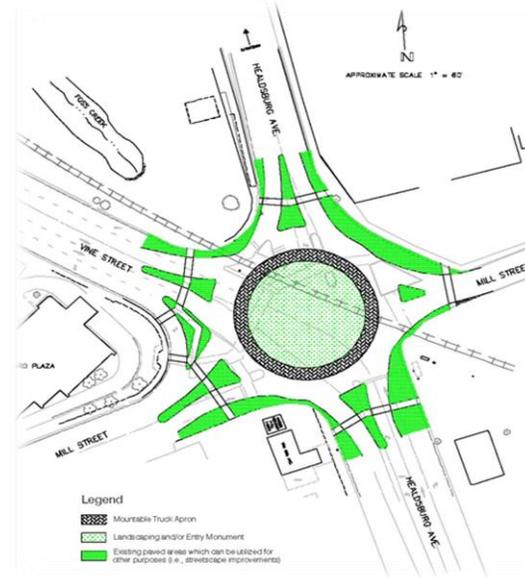
5-Way Intersection Improvements

Project Number:

PWT108

Project Description:

This project is to design and construct a round-about at the intersection of Healdsburg Avenue, Mill and Vine Streets and Westside Road to alleviate traffic congestion and improve air quality. This intersection is also traversed by railroad tracks that serve NCRA and SMART. The improvements include new at-grade railroad crossing safety devices consistent with a “quiet zone” designation. The project includes a pedestrian link for the Foss Creek Pathway from Vine Street to the Depot. Utility upgrades for water, sewer, storm drain and electric are also part of this project. This project is expected to be awarded in 2012 and completed in 2015.



Department:

Public Works

General Plan Consistency:

Work with Caltrans, Sonoma County and SCTA to plan and implement improvements to the Highway 101 interchanges at Dry Creek and Westside Road, based on a fair share formula for cooperative funding of improvements among jurisdictions and agencies.

Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	50,000	-	25,000	25,000	-	-	-	50,000
	Professional Services	472,000	-	450,000	-	-	-	-	450,000
	Construction	-	-	-	2,200,000	-	-	-	2,200,000
		-	-	-	-	-	-	-	-
	Total	\$ 522,000	\$ -	\$ 475,000	\$ 2,225,000	\$ -	\$ -	\$ -	\$ 2,700,000
Funding Sources:	RDA	47,000	-	-	-	-	-	-	-
	Streets Impact Fees	475,000	-	475,000	2,100,000	-	-	-	2,575,000
	Gas Tax	-	-	-	125,000	-	-	-	125,000
		-	-	-	-	-	-	-	-
	Total	\$ 522,000	\$ -	\$ 475,000	\$ 2,225,000	\$ -	\$ -	\$ -	\$ 2,700,000

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

Healdsburg Avenue Bridge

Project Number:

PWT110

Project Description:

The Healdsburg Avenue Bridge is in need of significant repair due to age and physical condition. The City has selected rehabilitation and seismic retrofit as the project. Environmental and technical studies, as well as, seismic retrofit strategies are in the process of being completed. Environmental studies are expected to be completed in 2012 and construction begun in 2013. Pending confirmation from the oversight committee RDA funding will be used as the local match for federal HBP funds. The project will also extend water and sewer utilities across the river for future extension to the south area of town. This project is expected to be awarded in 2013 and completed in 2015.



Department:

Public Works

General Plan Consistency:

The City will work towards renovating or replacing the Russian River bridge with a sound structure that is aesthetically-pleasing and meets the needs of vehicle, pedestrian and bicycle traffic.

Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	100,000	79,655	34,600	40,000	30,000	-	-	104,600
	Professional Services	1,000,000	900,000	2,153,065	540,000	90,000	-	-	2,783,065
	Construction	5,500,000	-	6,276,235	9,877,640	738,010	-	-	16,891,885
	Traffic Signal	-	-	-	527,285	-	-	-	527,285
	Utilities	-	-	-	500,000	-	-	-	500,000
	Total	\$ 6,600,000	\$ 979,655	\$ 8,463,900	\$ 11,484,925	\$ 858,010	\$ -	\$ -	\$ 20,806,835
Funding Sources:	Gas Tax	-	-	726,809	1,199,491	98,414	-	-	2,024,714
	Federal HBP	5,000,000	851,725	7,493,091	9,258,149	759,596	-	-	17,510,836
	Street Impact Fees	-	-	-	527,285	-	-	-	527,285
	RDA	1,356,000	127,930	-	-	-	-	-	-
	Prop 1B LSSRP (seismic)	244,000	-	244,000	-	-	-	-	244,000
	Water Capacity Fees	-	-	-	250,000	-	-	-	250,000
	Sewer Capacity Fees	-	-	-	250,000	-	-	-	250,000
	Total	\$ 6,600,000	\$ 979,655	\$ 8,463,900	\$ 11,484,925	\$ 858,010	\$ -	\$ -	\$ 20,806,835

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

Grant Street Safe Route to School

Project Number:

PWT902

Project Description:

This will cover project closeout for required landscape grown in and monitoring. The final invoice to Caltrans is expected to be submitted April 2013. The construction commenced in FY2010 and was completed in the spring of 2011.

Department:

Public Works



General Plan Consistency:

Traffic calming measures will be considered to maintain reasonable traffic speeds on city streets and generally improve streets for pedestrian and bicyclist use.

Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	9,735	4,412	13,500	-	-	-	-	13,500
	Construction	265	265	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 10,000	\$ 4,677	\$ 13,500	\$ -	\$ -	\$ -	\$ -	\$ 13,500
Funding Sources:	Street Impact Fees	2,000	765	822	-	-	-	-	822
	SR2S Grant	8,000	3,912	10,754	-	-	-	-	10,754
	Street Operations	-	-	1,924	-	-	-	-	1,924
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 10,000	\$ 4,677	\$ 13,500	\$ -	\$ -	\$ -	\$ -	\$ 13,500

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

Grant Street Railroad Crossing Improvements

Project Number:

PWT904

Project Description:

This project will cover installing the final railroad crossing improvements at West Grant Street, including ADA compliant sidewalk with detectable warning tiles, new railroad signals and gates, and related tracks.

Department:

Public Works

General Plan Consistency:

Traffic calming measures will be considered to maintain reasonable traffic speeds on city streets and generally improve streets for pedestrian and bicyclist use.



Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	40,000	500	50,000	-	-	-	-	50,000
	Construction	485,000	-	485,000	-	-	-	-	485,000
	Professional Services	78,000	-	78,000	-	-	-	-	78,000
	Right of Way	10,000	-	10,000	-	-	-	-	10,000
		-	-	-	-	-	-	-	-
	Total	\$ 613,000	\$ 500	\$ 623,000	\$ -	\$ -	\$ -	\$ -	\$ 623,000
Funding Sources:	SR2S Grant	327,960	500	335,960	-	-	-	-	335,960
	SMART Coop Contribution	285,040	-	287,040	-	-	-	-	287,040
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 613,000	\$ 500	\$ 623,000	\$ -	\$ -	\$ -	\$ -	\$ 623,000

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

CDBG ADA Improvements

Project Number:

PWT905

Project Description:

This project will cover design and construction of ADA-compliant pedestrian ramps at miscellaneous locations throughout the City.

Department:

Public Works

General Plan Consistency:

The City will aggressively pursue state and federal funding to implement circulation improvements where consistent with adopted goals and policies.



Appropriations beyond the 5 year program period are needed to complete the project: Yes (X) No ()

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	3,000	10,000	8,000	8,000	8,000	8,000	8,000	40,000
	Professional Services	2,000	-	5,000	5,000	5,000	5,000	5,000	25,000
	Construction	76,885	71,885	65,000	65,000	65,000	65,000	65,000	325,000
		-	-	-	-	-	-	-	-
	Total	\$ 81,885	\$ 81,885	\$ 78,000	\$ 390,000				
Funding Sources:	CDBG Grant	81,885	81,885	78,000	78,000	78,000	78,000	78,000	390,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 81,885	\$ 81,885	\$ 78,000	\$ 390,000				

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

Grove Street Neighborhood Study

Project Number:

PWT907

Project Description:

This project covers completion of the Grove Street Neighborhood Engineering Study for the street plan line and design standards, cost estimates and allocations, construction phasing, planning for remaining public infrastructure including storm drainage, electric and joint utilities.

Department:

Public Works

General Plan Consistency:

In areas included in a specific plan adopted by the City, street shall be dedicated and constructed according to street standards shown in such plans. The City will plan, construct, and maintain facilities to provide adequate electrical service to existing and planned development. The City will continue to complete gaps in the storm drainage system in areas of existing development.



Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	2,000	1,500	620	-	-	-	-	620
	Professional Services	25,000	17,000	25,880	-	-	-	-	25,880
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 27,000	\$ 18,500	\$ 26,500	\$ -	\$ -	\$ -	\$ -	\$ 26,500
Funding Sources:	Street Impact Fees	27,000	18,500	11,500	-	-	-	-	11,500
	Street Operations	-	-	15,000	-	-	-	-	15,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 27,000	\$ 18,500	\$ 26,500	\$ -	\$ -	\$ -	\$ -	\$ 26,500

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

Foss Creek Pathway Segment 6

Project Number:

PWT908

Project Description:

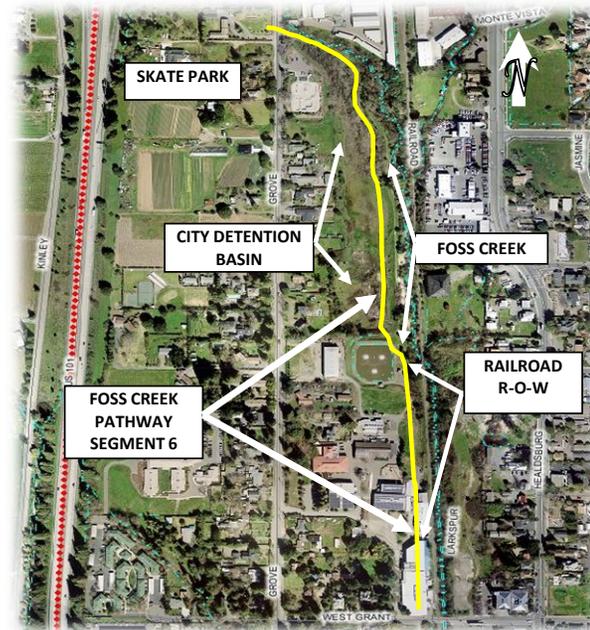
This project covers Foss Creek Pathway from West Grant Street along railroad right of way and the City Detention Basin berm to Grove Street near the Carson Memorial Skate Park. It will provide a Class 1 paved pathway for pedestrian and bicycle use.

Department:

Public Works

General Plan Consistency:

The City shall develop a citywide system of safe and convenient designated bikeways that serves both experienced and casual bicyclists, and which maximizes bicycle use for commuting, recreation and local transportation.



Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	15,000	30,000	25,000	-	-	-	-	25,000
	Professional Services	150,000	135,000	20,000	-	-	-	-	20,000
	Construction	-	-	1,200,000	-	-	-	-	1,200,000
		-	-	-	-	-	-	-	-
	Total	\$ 165,000	\$ 165,000	\$ 1,245,000	\$ -	\$ -	\$ -	\$ -	\$ 1,245,000
Funding Sources:	Street Impact Fees	16,000	16,000	45,000	-	-	-	-	45,000
	Federal (CMAQ)	49,000	49,000	-	-	-	-	-	-
	Federal Earmark	-	-	1,200,000	-	-	-	-	1,200,000
	Street Operations	100,000	100,000	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 165,000	\$ 165,000	\$ 1,245,000	\$ -	\$ -	\$ -	\$ -	\$ 1,245,000

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

101 and Westside Road Interchange

Project Number:

PWT910

Project Description:

This project will provide for the design and construction of improvements to the existing Westside Road/Mill Street Interchange at Hwy 101. Improvements to the interchange will include completing the south (on and off) ramps, widening Westside Road, installing traffic signals at the off ramp intersection, as well as making required provisions for future ramp metering lights. This is a multiple year project and will ultimately require cooperative funding agreements with the County of Sonoma and Caltrans.



Department:

Public Works

General Plan Consistency:

Work with Caltrans, Sonoma County and SCTA to plan and implement improvements to the Highway 101 interchanges at Dry Creek and Westside Road based on a fair share formula for cooperative funding of improvements among jurisdictions and agencies.

Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	25,000	-	25,000	25,000	25,000	25,000	-	100,000
	Professional Services	-	-	-	100,000	275,000	50,000	-	425,000
	Construction	-	-	-	-	-	2,000,000	-	2,000,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 25,000	\$ -	\$ 25,000	\$ 125,000	\$ 300,000	\$ 2,075,000	\$ -	\$ 2,525,000
Funding Sources:	RDA	25,000	-	-	-	-	-	-	-
	Assessment District	-	-	-	50,000	18,000	155,000	-	223,000
	HSIP Grant	-	-	-	-	264,000	1,760,000	-	2,024,000
	Gas Tax	-	-	25,000	75,000	18,000	160,000	-	278,000
		-	-	-	-	-	-	-	-
	Total	\$ 25,000	\$ -	\$ 25,000	\$ 125,000	\$ 300,000	\$ 2,075,000	\$ -	\$ 2,525,000

City of Healdsburg
 Five Year Capital Improvement Program
 Project Detail Form

Project Name:
 Asphalt Rubber Chip Seal

Project Number:
 PWT912

Project Description:
 The project covers preventative maintenance on City streets through pavement rehabilitation to preserve, and/or extend existing service life of the treated street surface. The project will provide an opportunity for leveraging outside funding including federal and state programs as these become available. Asphalt rubber chip seal will accomplish this goal by providing a consistent uniform seal over the entire street surface that will prevent the infiltration of water, which is the major cause of pavement deterioration. Streets to be treated will be based on pavement conditions and classification categories as recommended in the 2011 update to the City's Pavement Management Program.



Department:
 Public Works

General Plan Consistency:
 The City will aggressively pursue state and federal funding to implement circulation improvements where consistent with adopted goals and policies.

Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	25,000	-	25,000	25,000	-	-	-	50,000
	Professional Services	-	-	10,000	10,000	-	-	-	20,000
	Construction	-	-	215,000	215,000	-	-	-	430,000
		-	-	-	-	-	-	-	-
	Total	\$ 25,000	\$ -	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ -	\$ 500,000
Funding Sources:	Gas Tax	25,000	-	200,000	200,000	-	-	-	400,000
	Cal Recycle Grant	-	-	50,000	50,000	-	-	-	100,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 25,000	\$ -	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ -	\$ 500,000

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

Burgundy Slide Repair

Project Number:

PWT913

Project Description:

Reconstruction of landslide by re-grading and installation of reinforced concrete piles. Repair water and sewer mains and private lateral connections. Reconstruction of Burgundy Road and installation of erosion control measures.

Department:

Public Works

General Plan Consistency:

A circulation system that is correlated with existing and proposed land use and provides for the efficient movement of people, goods and services throughout Healdsburg.



Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	15,000	7,500	7,500	-	-	-	-	7,500
	Professional Services	110,000	75,000	35,000	-	-	-	-	35,000
	Construction	370,000	10,000	360,000	-	-	-	-	360,000
		-	-	-	-	-	-	-	-
	Total	\$ 495,000	\$ 92,500	\$ 402,500	\$ -	\$ -	\$ -	\$ -	\$ 402,500
Funding Sources:	Street Operations	165,000	30,833	134,167	-	-	-	-	134,167
	Water Operations	165,000	30,833	134,167	-	-	-	-	134,167
	Sewer Operations	165,000	30,834	134,166	-	-	-	-	134,166
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 495,000	\$ 92,500	\$ 402,500	\$ -	\$ -	\$ -	\$ -	\$ 402,500

WATER PROJECTS

**APPROPRIATIONS PLAN SUMMARY FOR
WATER PROJECTS**

PROJECT	PROJECT #	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	TOTAL
Water Service Replacements	PWW115	150,000	150,000	150,000	150,000	150,000	750,000
Well and Pump Rehabilitation	PWW116	125,000	125,000	125,000	125,000	125,000	625,000
2010 Urban Water Management Plan Update	PWW118	50,000	-	-	-	-	50,000
Dry Creek Clearwell Liner	PWW119	58,600	-	-	-	-	58,600
Water System Upgrades	PWW120	200,000	200,000	200,000	200,000	200,000	1,000,000
South Water System Extension	PWW121	-	450,000	2,550,000	-	-	3,000,000
Fitch Well Field Stormwater Improvements	PWW122	200,000	-	-	-	-	200,000
Corp Yd MS4 Stormwater Compliance Imp.	PWW123	200,000	-	-	-	-	200,000
Sunset Reservoir Roof Replacement	PWW124	40,000	-	-	-	-	40,000
Gauntlett Reservoir Roof Replacement	New	-	500,000	-	-	-	500,000
Membrane Filter Replacements	New	-	-	-	100,000	-	100,000
Gauntlett/Fitch WTP Ph. 2-Expansion	New	-	-	-	-	3,000,000	3,000,000
TOTAL APPROPRIATIONS		\$ 1,023,600	\$ 1,425,000	\$ 3,025,000	\$ 575,000	\$ 3,475,000	\$ 9,523,600

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

Water Service Replacements

Project Number:

PWW115

Project Description:

This is a City-wide project is to fund water service replacements. Work under this project is demand driven. Services are replaced as they fail.

Department:

Public Works

General Plan Consistency:

Maintain an adequate level of service in the City's water system to meet the needs of existing and projected development.



Appropriations beyond the 5 year program period are needed to complete the project: Yes (X) No ()

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	37,500	20,000	37,500	37,500	37,500	37,500	37,500	187,500
	Construction	3,750	5,000	3,750	3,750	3,750	3,750	3,750	18,750
	Professional Services	108,750	-	108,750	108,750	108,750	108,750	108,750	543,750
		-	-	-	-	-	-	-	-
	Total	\$ 150,000	\$ 25,000	\$ 150,000	\$ 750,000				
Funding Sources:	Water Operations	-	-	150,000	150,000	150,000	150,000	150,000	750,000
	RDA	150,000	25,000	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 150,000	\$ 25,000	\$ 150,000	\$ 750,000				

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

Well and Pump Rehabilitation

Project Number:

PWW116

Project Description:

This project covers ongoing rehabilitation work at the City's twelve active production wells.

Department:

Public Works

General Plan Consistency:

The City will ensure the availability of water sources as necessary to serve planned development.



Appropriations beyond the 5 year program period are needed to complete the project: Yes (X) No ()

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	15,000	5,000	-	-	-	-	-	-
	Professional Services	90,000	55,000	62,500	62,500	62,500	62,500	62,500	312,500
	Materials and Supplies	20,000	60,000	62,500	62,500	62,500	62,500	62,500	312,500
		-	-	-	-	-	-	-	-
	Total	\$ 125,000	\$ 120,000	\$ 125,000	\$ 625,000				
Funding Sources:	Water Operations	17,050	12,050	125,000	125,000	125,000	125,000	125,000	625,000
	Water Capacity Fees	7,950	7,950	-	-	-	-	-	-
	Electric Public Benefit Fund	100,000	100,000	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 125,000	\$ 120,000	\$ 125,000	\$ 625,000				

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

2010 Urban Water Management Plan Update

Project Number:

PWW118

Project Description:

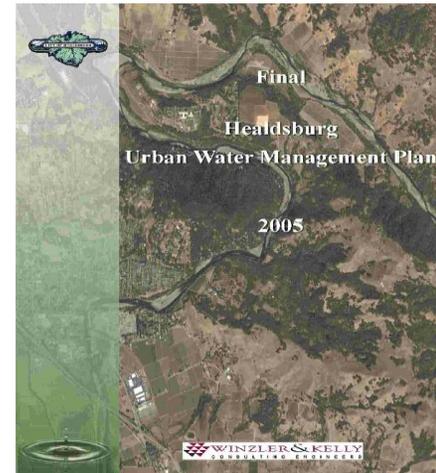
This project is to update the City's Urban Water Management Plan, which under State regulations must be updated every five years. The plan would be prepared by a consultant.

Department:

Public Works

General Plan Consistency:

Continue to implement the Demand Management Measures contained in the Healdsburg Urban Water Management Plan. Review the Plan at least every five years and revise as deemed necessary by the City Council.



Appropriations beyond the 5 year program period are needed to complete the project: Yes (X) No ()

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	5,000	-	5,000	-	-	-	-	5,000
	Professional Services	45,000	-	45,000	-	-	-	-	45,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
Funding Sources:	Water Operations	40,000	-	40,000	-	-	-	-	40,000
	Water Capacity Fees	10,000	-	10,000	-	-	-	-	10,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

Dry Creek Clearwell Liner

Project Number:

PWW119

Project Description:

This project is to replace the fabric liner in the clearwell tank at the Dry Creek Wellfield. The liner is approximately 12 years old and has begun leaking. The existing liner is not repairable.

Department:

Public Works

General Plan Consistency:

Maintain an adequate level of service in the City's water system to meet the needs of existing and projected development.



Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	5,000	1,000	4,000	-	-	-	-	4,000
	Construction	54,600	-	54,600	-	-	-	-	54,600
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 59,600	\$ 1,000	\$ 58,600	\$ -	\$ -	\$ -	\$ -	\$ 58,600
Funding Sources:	Water Operations	59,600	1,000	58,600	-	-	-	-	58,600
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 59,600	\$ 1,000	\$ 58,600	\$ -	\$ -	\$ -	\$ -	\$ 58,600

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:
Water System Upgrades

Project Number:
PWW120

Project Description:
This project is to fund water system upgrades. It includes water main replacement on Terrace Boulevard and other system improvements.

Department:
Public Works

General Plan Consistency:
An adequate level of service in the City's water system to meet the needs of existing and projected development.



Appropriations beyond the 5 year program period are needed to complete the project: Yes (X) No ()

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	50,000	-	50,000	50,000	50,000	50,000	50,000	250,000
	Construction	380,000	-	150,000	150,000	150,000	150,000	150,000	750,000
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	Total	\$ 430,000	\$ -	\$ 200,000	\$ 1,000,000				
Funding Sources:	RDA	430,000	-	-	-	-	-	-	-
	Water Operations	-	-	178,000	178,000	178,000	178,000	178,000	890,000
	Water Capacity Fees	-	-	22,000	22,000	22,000	22,000	22,000	110,000
	-	-	-	-	-	-	-	-	-
	Total	\$ 430,000	\$ -	\$ 200,000	\$ 1,000,000				

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

South Water System Extension

Project Number:

PWW121

Project Description:

This project covers the formation of an assessment district, environmental studies, design and construction of a water main, fire hydrants, valves and a possible storage tank to serve the area south of the Healdsburg Avenue Bridge.

Department:

Public Works

General Plan Consistency:

An adequate level of service in the City's water system to meet the needs of existing and projected development.



Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	50,000	-	-	50,000	50,000	-	-	100,000
	Professional Services	400,000	-	-	400,000	100,000	-	-	500,000
	Construction	-	-	-	-	2,400,000	-	-	2,400,000
		-	-	-	-	-	-	-	-
	Total	\$ 450,000	\$ -	\$ -	\$ 450,000	\$ 2,550,000	\$ -	\$ -	\$ 3,000,000
Funding Sources:	RDA	450,000	-	-	-	-	-	-	-
	Assessment District	-	-	-	450,000	2,550,000	-	-	3,000,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 450,000	\$ -	\$ -	\$ 450,000	\$ 2,550,000	\$ -	\$ -	\$ 3,000,000

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

Fitch Well Field Stormwater Improvements

Project Number:

PWW122

Project Description:

This project covers improvements needed at the Fitch Well Field to comply with new stormwater regulations that will apply to well flushing. This project will provide for new piping and construction of a small percolation pond to prevent well flushing water from discharging to surface water. Under pending Phase II stormwater regulations, discharge of this water will essentially be prohibited.

Department:

Public Works

General Plan Consistency:

An adequate level of service in the City's water system to meet the needs of existing and projected development.



Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	5,000	-	15,000	-	-	-	-	15,000
	Professional Services	45,000	-	45,000	-	-	-	-	45,000
	Construction	-	-	140,000	-	-	-	-	140,000
		-	-	-	-	-	-	-	-
	Total	\$ 50,000	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000
Funding Sources:	Water Operations	44,500	-	178,000	-	-	-	-	178,000
	Water Capacity Fees	5,500	-	22,000	-	-	-	-	22,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 50,000	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

Corporation Yard MS4 Stormwater Compliance Improvements

Project Number:

PWW123

Project Description:

This project covers improvements needed at the Corporation Yard to comply with new stormwater regulations that will apply to well flushing. This project will provide for new piping and construction of a small percolation pond to prevent well flushing water from discharging to surface water. Under pending Phase II stormwater regulations, discharge of this water will essentially be prohibited.

Department:

Public Works

General Plan Consistency:

An adequate level of service in the City's water system to meet the needs of existing and projected development.



Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	5,000	-	15,000	-	-	-	-	15,000
	Professional Services	45,000	-	45,000	-	-	-	-	45,000
	Construction	-	-	140,000	-	-	-	-	140,000
		-	-	-	-	-	-	-	-
	Total	\$ 50,000	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000
Funding Sources:	Water Operations	44,500	-	178,000	-	-	-	-	178,000
	Water Capacity Fees	5,500	-	22,000	-	-	-	-	22,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ 50,000	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

Sunset Reservoir Roof Replacement

Project Number:

PWW124

Project Description:

This project is to replace the roof on the Sunset Reservoir on Sunset Drive with a new metal roof structure.

Department:

Public Works

General Plan Consistency:

Improve and maintain the City water infrastructure.



Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	-	-	5,000	-	-	-	-	5,000
	Construction	-	-	35,000	-	-	-	-	35,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000
Funding Sources:	Water Operations	-	-	35,600	-	-	-	-	35,600
	Water Capacity Fees	-	-	4,400	-	-	-	-	4,400
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

Gauntlett Reservoir Roof Replacement

Project Number:

Assigned by Finance

Project Description:

This project is to replace the aging wood roof structure that protects the Gauntlett Reservoir at the end of March Avenue. A section of the most badly rotted structural beams was repaired in 2007, and the entire roof needs to be replaced. The wood structure will likely be replaced with a new prefabricated metal roof structure. The existing reservoir liner will also be replaced during construction.



Department:

Public Works

General Plan Consistency:

Complete the second phase of the Gauntlett/Fitch Water Treatment Facility in order to preserve the City's water source capacity and water rights. The Gauntlett Reservoir serves as raw (untreated) water storage for the Gauntlett/Fitch Water Treatment Facility.

Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	-	-	-	25,000	-	-	-	25,000
	Professional Services	-	-	-	50,000	-	-	-	50,000
	Construction	-	-	-	425,000	-	-	-	425,000
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	Total	\$ -	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ 500,000
Funding Sources:	Water Operations	-	-	-	445,000	-	-	-	445,000
	Water Capacity Fees	-	-	-	55,000	-	-	-	55,000
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	Total	\$ -	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ 500,000

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

Membrane Filter Replacements

Project Number:

Assigned by Finance

Project Description:

This project is to fund replacement of the existing 415 membrane filter modules at the Gauntlett/Fitch Treatment facility. The membranes went into operation in 2005 and have a warranted life span of 10 years. Approximately 1/3 of the 415 modules would be replaced each year, starting in 2015.

Department:

Public Works

General Plan Consistency:

An adequate level of service in the City's water system to meet the needs of existing and projected development.



Appropriations beyond the 5 year program period are needed to complete the project: Yes (X) No ()

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	Equipment	-	-	-	-	-	100,000	-	100,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 100,000
Funding Sources:	Water Operations	-	-	-	-	-	100,000	-	100,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 100,000

City of Healdsburg
Five Year Capital Improvement Program
Project Detail Form

Project Name:

Gauntlett/Fitch WTP - Phase 2 Expansion

Project Number:

Assigned by Finance

Project Description:

The Gauntlett/Fitch Treatment facility now treats water from the Gauntlett well field, allowing that source to be used year-round. The treatment facility was designed to accommodate production from the City's second Russian River well field, the Fitch well field. The second phase of the project will route raw water from the Fitch well field to the treatment facility via a 7,500-foot 16" raw water pipeline extension and a new pump station. Additional microfiltration treatment skids will be added in the Gauntlett/Fitch Treatment building at the same time.



Department:

Public Works

General Plan Consistency:

Complete the second phase of the Gauntlett/Fitch Water Treatment Facility in order to preserve the City's water source capacity and water rights.

Appropriations beyond the 5 year program period are needed to complete the project: Yes () No (X)

	Item	Budget 2011-12	Est. Expend 2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Costs:	City Personnel	-	-	-	-	-	-	50,000	50,000
	Professional Services	-	-	-	-	-	-	450,000	450,000
	Construction	-	-	-	-	-	-	2,500,000	2,500,000
		-	-	-	-	-	-	-	-
	Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,000,000	\$ 3,000,000
Funding Sources:	Water Operations	-	-	-	-	-	-	2,670,000	2,670,000
	Water Capacity Fees	-	-	-	-	-	-	330,000	330,000
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,000,000	\$ 3,000,000