

CITY OF SEBASTOPOL

FIVE-YEAR CAPITAL IMPROVEMENT PLAN

2015 - 2020



APPROVED BY THE CITY COUNCIL
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Table of Contents

Background and Introduction	1
CIP Funding Assumptions	2
Project Descriptions and Funding Needs	3
Funding	3
Timetable for Implementation	4
Completed Capital Projects 2009-2014	4
Revenue Projections and Funding	6
Five Year Capital Improvement Program	6
Highlights of Capital Improvement Program	6
Pavement Program	6
Bicycle, Pedestrian and Other Transportation Projects	7
Water and Sewer Enterprise Funds, Contributed Capital and Building an O&M Reserve	8
Water Production and Distribution System	9
Sewer Collection and Pumping System	9
Storm Drains	10
Parks	10
Government Buildings	11
Energy Efficiency	11
ATTACHMENT 1 - Capital Projects Information and Funding Needs	A-1
ATTACHMENT 2 - Revenue Projections for CIP - Developer Impact Fees	A-7
ATTACHMENT 3 - Project Information for Revenue Projections	A-8
ATTACHMENT 4 - CIP SUMMARY	A-9
ATTACHMENT 5 - Funding Projections and Programming by Category	A-12
ATTACHMENT 6 - Water and Sewer Operations Fund Projections (Contributed Capital)	A-19

Background and Introduction

The **Capital Improvement Program (CIP)** is a long-range plan which identifies capital projects, provides a planning schedule and identifies options for financing. Essentially, the plan is a link between the project priorities established by the City Council, and the City's annual budget. The CIP includes the following information:

- A listing of capital projects to be implemented.
- The plan for financing the projects.
- A timetable for the construction or completion of the projects.

This CIP covers a planning period of five years, beginning with Fiscal year 2015/2016. The plan should be reviewed and updated annually as a part of the City's budget process.

Each year of the plan becomes the proposed Capital Budget for the corresponding Fiscal Year, to be included in the Annual Budget adopted by the City Council. It is in this process that funds are appropriated for any given project. Therefore, projects planned in the CIP are not funded until they are included in an approved City budget.

Projects included in future years in the CIP are approved on a planning basis and are only intended to show infrastructure needs. Inclusion of these projects is not intended to commit funding in future years. In many cases, these projects do not have full funding identified, which is typical for this type of planning document. If the project is a City priority, as identified in an infrastructure management plan, a strategic planning process, or by some other method, the City must do one or some combination of the following to implement an underfunded project:

1. Identify additional funding from local resources, grants, loans, etc; or
2. Reduce the project scope to match available funding; or
3. Delay the project until funding is available.

The CIP was developed by aggregating information from a variety of sources, including the City's General Plan, Utility Master Plans, annual Goal-setting, studies and other processes to identify ongoing maintenance or regulatory compliance requirements. The proposed project timing in this five-year plan was selected based on the perceived urgency, with a focus on projects that maintain existing infrastructure and projects that provide a potential economic and quality of life improvement for Sebastopol.

CIP Funding Assumptions

In preparing the CIP, certain assumptions were made regarding potential funding for projects:

Costs

All costs are in 2015 dollars. Older cost estimates have been escalated in accord with published data contained in the Engineering News Record Construction Cost Index (ENR-CCI).

Revenues - Local Funds

Available funding in the special funds including Sewer and Water Capital Funds and Development Impact Funds is based current fund balance and best available revenue estimates.

Other Funding Sources

Grant sources are included where known, or when future opportunities are anticipated. If it is anticipated that a given project will require a loan, that is noted.

General Fund Contribution

In the absence of projects whose funding has been specifically identified as coming from the General Fund it is assumed that there is no additional General Fund contribution to the projects described in this CIP. The consequence of this is described as the funding shortfall.

Future Revenue

Future revenues in the capital funds are based on expected contribution from rates in the Sewer and Water enterprise funds; fees from anticipated development in the Park-in-Lieu, Wastewater Retrofit, and Traffic Impact funds; and annual contributions from the Special Sales Tax to the Pavement Reserve.

Water and Sewer Enterprise Funds

Water and Sewer rates are set to include funding for needed capital improvements to the infrastructure systems. The amount that is available to the Capital program is the difference between revenues from rates minus annual Operating and Maintenance costs. This amount may vary from year to year.

Project Descriptions and Funding Needs

Attachment 1 - Capital Projects Information and Funding Needs, is a series of spreadsheets listing capital projects that are either *in progress*, carried over from previous years' CIP plans, or *new projects*. Projects are chosen in accordance with the established priorities of the City Council, and identified infrastructure needs based on studies and planning documents, including:

- Sebastopol General Plan (2004)
- Gravenstein Highway South Infrastructure Study (1999)
- Sewer, Water and Storm Drain Master Plans (2006)
- Community Development Agency 5-Year Plan (2007)
- Sebastopol Bicycle and Pedestrian Master Plan (2011)
- Pavement Management Plan (PTAP 2015);
- Projects identified through City Council Goal Setting or other planning processes;
- Projects identified by staff, or through other studies and means, that are needed to maintain the City's infrastructure or comply with various regulations.

Funding

Funding for projects in the CIP comes from a variety of sources including but not limited to the Development Impact fees, Sewer and Water Connection Fees, Sewer and Water Enterprise funds, a variety of local, State and Federal grants, and in some cases from donations made by the public for specific projects. The City's General Fund may also contribute to the Capital program. For example, in the Streets Category, following the passage of special sales tax measures in 2008 and 2012, a portion of the additional revenues have been transferred into a Pavement Reserve to fund street rehabilitation projects. Other local revenues may include Sebastopol's share of the Countywide Transportation Tax, Measure M or Community Development Block Grant funding provided by HUD and administered by the Sonoma County Community Development Commission.

Most of the funding sources used to fund the Capital program are considered non-discretionary, in that their use is restricted to certain defined purposes.

The exception to this is General Fund monies that may be used at the City's discretion. It should be noted that for some types of projects, such as Storm Drain Infrastructure improvements, there is no separate dedicated funding source, so these projects are reliant on contributions from the General Fund.

Timetable for Implementation

The timetable by which projects are implemented under the CIP is constrained by the availability of funding, and to some extent by the ability of Staff to manage the workload represented by these projects. In some cases, projects are included for which no funding has yet been identified. Projects may be initiated earlier than they are currently scheduled in the plan, where opportunity presents. Likewise, some projects may be delayed until funding can be secured. City staff closely monitors availability of funding for projects in the CIP on a continuing basis.

Completed Projects

On the following page is a listing of projects completed since the last CIP was completed.

COMPLETED CAPITAL PROJECTS 2009-2014

Completed	Category	Project	Funding Source
2009	Streets	Huntley Street Sidewalk Gap Closure	Federal Safe Routes to School Grant
	Sewer	Laguna Force Main Replacement	Sewer Capital Fund
	Parks	Landscaping and Bike Racks	Park in Lieu Fund
	Gov't Bldgs	Solar Installation – Well 4	CREBS Energy Grant
	Gov't Bldgs	Solar Installation – Youth Annex	CREBS Energy Grant
	Gov't Bldgs	Solar Installation – Sequoia Village	CREBS Energy Grant
	Gov't Bldgs	Solar Installation – Garzot Building	CREBS Energy Grant
	Gov't Bldgs	Solar Installation – Community Center	CREBS Energy Grant
	Water	Well 8	Water Capital Fund
	Streets	Local Streets Overlays	Special Sales Tax Pavement Reserve, Measure M SLR
	Streets	Federal Resurfacing - Coop w/ City of SR	STP-CMAQ Federal Rehab Grant
2010	Streets	Lynch Road Traffic Signal	Traffic Impact w/Developer Contribution
	Streets	Install Bike Detection on City Signals	Traffic Impact Fund
	Streets	Bodega/Ragle Crosswalk	Special Sales Tax Pavement Reserve
	Streets	Federal Resurfacing, 2009 (ARRA)	ARRA - Federal Rehab Grant
	Sewer	Abandon Industrial Waste Pump Station	Sewer Capital Fund
	Streets	Bodega Avenue Rehab - Digouts	Special Sales Tax Pavement Reserve
2011	Streets	Prop 1B Resurfacing (Valley View Subd)	State Proposition 1B Funding
	Streets	Street Smart Sebastopol Phases 2 and 3	Measure M, Traffic Impact Fund
	Streets	Bike Lanes Feasibility Study	Traffic Impact Fund
	Streets	Blke Rack Program	TFCA (Air District) Grant
	Sewer	Inflow and Infiltration Study	Sewer Capital Fund, Wastewater Retrofit Fund
	Gov't Bldgs	Library ADA Compliance (exterior)	General Fund
2012	Streets	Safe Routes to School Non-Infrastructure Program (3 years)	Federal Safe Routes to School Grant
	Streets	Bicycle Detection on City Traffic Signals	Traffic Impact Fund
	Sewer	Design and Construction of Morris Street Pump Station	Sewer Capital Fund and Techie Settlement Funds
	Parks	Ives Park Master Plan	
	Parks	Tomodachi Park	Park in Lieu Fund and Open Space Grant
	Streets	Curb Ramps Replacement	Community Development Block Grant
	Water	Well 6 Blending System	Water Capital Fund
2013	Streets	Audible Signal Equipment, N. Main/ McKinley	Traffic Impact Fund
	Water	Water Quality Regulatory Compliance Feasibility Study	Well 4 Litigation Proceeds
	Water	Well 4 Filter Media Changeout	Water Capital Fund
	Parks	Plaza Restroom	Community Development Fund
2014	Water	USGS Groundwater Study	Water Capital Fund
2014	Water	Ground Water Management Plan	Water Capital Fund
2009, 2011, 2013, 2015	Streets	Pavement Management System Updates	Special Sales Tax Pavement Reserve

Revenue Projections and Funding

Attachment 2 shows Revenue Projections in the Developer Impact funds, Sewer and Water Capital funds (connection fees and other contributed capital) and Annexation fees, for the next three years. These estimates are based on expected revenues from approved and pending projects, and projects under construction as of May 2015, as shown in Attachment 3. The revenue projections will be reviewed and adjusted annually during the CIP Update as part of the City budget process.

Five Year Capital Improvement Program

Attachment 4 CIP SUMMARY is a compilation of the proposed five-year Capital Program. This table lists each proposed project in the categories of Government Buildings, Parks, Transportation (Pavement Program) and Transportation (Bike & Ped, Safety, other), Water System, Sewer System and Storm Drains. The table indicates anticipated sources of funding for each project, staff lead for project management, current year expenditures where applicable, an Estimated Project Cost in 2015 dollars, and a proposed programming schedule. Two final columns in the table either indicate the fund in which the expenditures are scheduled, or that there is “No Funding Identified”.

Attachment 5 - Funding Projections and Programming by Category includes a forecast of available funding for each category of projects and a proposed sequence for programming. Funding shortfall is also indicated in these tables.

Attachment 6 - Water and Sewer Operations Fund Projections (Contributed Capital) provides cash flow projections and details regarding the availability of future operating fund revenues to the Capital Program during the five years of the plan. In each of these funds, staff is proposing to begin building an operating reserve by setting aside funding equivalent to 3% of each year’s O&M budget, with a goal of attaining a minimum 15% operating reserve for each utility by FY 19-20.

Highlights of Five-Year CIP

Pavement Program

With the passage of two local Special Sales Tax measures in 2004 and 2008, the City began to set aside funds in the amount of \$150,000 per year in a Street Reserve fund. In addition, the City receives approximately \$50,000 a year from the Countywide Transportation Tax (Measure M) Local Streets and Roads funding. This has allowed us to begin to address the continuous decline of our overall pavement condition.

The City maintains 24 centerline miles (47 lane miles) of arterials, collectors and local neighborhood streets, with a current replacement value of over \$38 million. In the 2015 Pavement Management Plan (PMP) update, the City's overall pavement condition was rated at a Pavement Condition Index (PCI) of 60, on a 100-point scale. In PMP terminology, a PCI of 60 is in the "Good" range (50-69). However, this is far short of the regional goal of PCI of 70 established by MTC for the nine Bay Area counties including Sonoma County, and by the Sonoma County Transportation Authority in the Countywide Transportation Plan.

According to our 2015 PMP update, PCI will continue to decline at the current investment rate of about \$200,000 per year, from PCI 60 in 2015 to PCI 50 in 2019. The estimated funding needs to avoid this are

- \$600,000 per year to maintain PCI at 60 for five years
- \$990,000 per year to increase PCI to 65 in five years
- \$2,900,000 per year to increase PCI to 70 in five years

The City has budgeted transfers from the Special Sales Tax into the Pavement reserve annually since 2004. A transfer is budgeted in the current Fiscal Year (14/15). No transfer has been included in the FY 2015-16 proposed budget. Beginning with FY 16/17, it is assumed that the \$150,000 per year transfer of Special Sales Tax will resume annually, for the life of this CIP. The City should continue to budget funds annually to the Pavement Reserve, to minimize the decline of pavement condition in Sebastopol. In addition, by not providing a consistent budget for the pavement program from year to year the City will not be able to meet the Maintenance of Effort provisions in our Cooperative Agreement for Measure M funding, and risks losing about \$50,000 in revenue from that source for the remaining life of the tax, which sunsets in 2024.

This CIP includes a complete reconstruction of Keating Avenue using a Federal-aid transportation grant, and a local streets slurry seals project to be completed in 2015-16. Ongoing semi-annual street rehabilitation projects using local sales tax and measure M funding have been assumed in the past, however with no contributions to the Pavement Reserve by the City, these will be unfunded. The City may have future opportunities to apply for Federal-aid grants for street rehabilitation in the future, but local matching funds will be required. The only local source for street rehabilitation purposes is the sales tax (General Fund).

Bicycle, Pedestrian and other Transportation Projects

Other projects included in the 5-year CIP are focused on implementation of the projects included in the City's Bicycle and Pedestrian Master Plan. These include

- construction of Bike Lanes on SR 116 (currently in the design and permitting phase)
- implementation of the local streets bikeways (Class 2 and 3 facilities, Sharrows and route signage) as defined in the BPMP
- a Traffic Signal Synchronization Study
- Wayfinding Signs
- participation in the Petaluma-Sebastopol Trail Feasibility Study by the Sonoma County Parks and Recreation Department.

- Sidewalk Gap Closure projects as identified in the BPMP and Traffic Impact List

Water and Sewer Enterprise Funds, Contributed Capital and Building an O&M Reserve

Attachment 6 consists of two sheets showing Operations Fund Projections through the five years of this CIP, for the Water and Sewer Enterprise funds. Each sheet shows annual beginning cash balances, projected revenues, Operating and Maintenance (O&M) Expenditures, Debt Service expenditures and Transfers of Cash into the Capital Fund for CIP expenditures.

Capital needs in the Water and Sewer systems are primarily funded through

- Enterprise Fund Revenues from Water and Sewer Rates (customer billings)
- Revenues from Water and Sewer Connection Fees (developer fees)
- Grants and Loans, or other financing

In 2010, the City Council approved a series of Water and Sewer Rate Increases intended to generate additional capital over and above operating expenses, to fund a growing list of capital maintenance needs in both the Water and Sewer Systems. Although the City completed Water and Sewer Master Plans in 2006, almost none of the projects identified in these documents have been completed, due to lack of funding.

At the time of the rate increases, it was not known that the City faced major expenditures in the Water Fund to address the consequences of the new regulatory requirements for Arsenic. Since around 2011, nearly all of our efforts in terms of Water Capital project spending have been focused on achieving compliance for Arsenic at Wells 7 and 6. This will continue to be the primary focus in the Water System for the next few years.

In the Sewer Collection System, as a result of a legal settlement, the City first undertook an Inflow and Infiltration study, and then a system-wide CCTV Inspection and assessment of the collection system which is currently underway and should be completed by year's end. This inspection will in turn result in a list of needed capital improvements to our Sewer System.

Finally, at the time of the 2010 Water and Sewer Rate studies, the City Manager recommended that the City begin to build an Operating Reserve of 25% annual O&M costs in each of the Enterprise Funds. In Attachment 6, Water and Sewer Operations Fund Projections (Contributed Capital) beginning in 2015-16, the Finance Director has begun to build these reserves, starting in 15/16 with 3% of O&M. For each successive year, reserves are shown to be increased by an additional 5% of O&M, with a goal of reaching the full 25% operating reserve in each fund during FY 20/21. While maintaining a reserve is highly advisable, this will limit future available funds for the Capital program, these projections show that the City will need to consider additional rate increases in the near future.

Water Production and Distribution System

The City's water well production and distribution system includes 37 miles of water mains and appurtenances (valves and fire hydrants); five water wells (one inactive); one carbon treatment system (Well 4); one arsenic remediation system in construction at Well 7 and another planned for Well 6; two booster pumping stations, at Wells 6 and 8; and three water reservoirs with a combined storage capacity of 7.5 million gallons. Together, the City's water infrastructure has an estimated replacement value of \$70-75 million.

The current top priority in the Water CIP list continues to be completion of the Well 7 and Well 6 Arsenic Treatment Systems. Also included for FY 15-16 is a rebuild of City Well No. 4, which was delayed from FY 14/15. Staff proposes that the City focus on completing these projects prior to initiating any significant new projects.

In future years, there are a number of water main replacements and upsizing project needs identified in the Water Master Plan in 2006, for which no funding is currently available. In spite of water rate increases intended to fund some of these ongoing capital needs, projections by the Finance Department show no new funding available for Capital projects after FY 15/16, so many projects fall into the "unfunded" category.

Sewer Collection and Pumping System

The City's sanitary sewer collection is comprised of approximately 29 miles of gravity sewer mains and appurtenances (manholes and cleanouts), and two sewer pumping stations. The estimated replacement value of this system is in excess of \$40 million.

Wastewater is collected at the Morris Street Pump Station and conveyed via a pressurized 'force main' to Llano Road where it enters the collection system for the Subregional Water Reclamation System operated by the City of Santa Rosa. Sebastopol is a partner in the Subregional System, where wastewater treatment occurs. While about 25 percent of the collection system is less than 30 years old, the remaining 75 percent of the system ranges in age from over 30, to nearly 100 years old.

Following the recommendations of a sewer Inflow and Infiltration Study completed in 2011, the City is currently engaged in a systemwide CCTV inspection and smoke testing project to determine critical maintenance, repair and replacement needs in the collection system. Project recommendations and priorities resulting from this project will be incorporated into the Capital Improvement Plan in future years, and the City may determine that other projects have a higher priority than the projects currently listed, which derive from the Sewer Master Plan completed in 2006.

In spite of sewer rate increases intended to fund some of these ongoing capital needs, projections by the Finance Department show no new funding available for Capital projects after FY 15/16, so some projects may fall into the "unfunded" category unless rates are increased to increase capital funding.

The priority sewer project for the early years of this CIP is a relocation of all or a portion of the Zimpher Creek Sewer Main. The first phase proposed is an alternatives analysis, followed by a design and construction phase depending on the selected alternative.

Other planned sewer projects include a series of upsizing and replacements of some of our older sewer mains previously identified in the Sanitary Sewer Master Plan (2006).

Storm Drains

Unlike the Sanitary Sewer and Water infrastructure systems, which are funded through user rates and connection fees, there is no dedicated source of funding for Storm Drain infrastructure construction, maintenance or rehabilitation. Nevertheless, the City owns, operates and maintains an aging system comprising approximately 17 miles of pipelines, drainage inlets and manholes, and assorted open channel creeks and drainage ditches.

The top priority project in the Storm Drains category is the repair of the Valentine Avenue Storm Drain between Brook Haven Court and Zimpher Drive. This large storm drain is in severely deteriorated condition and has been for several years. Public Works has identified this as their top priority. No funding has been identified for this project.

Public Works also recommends that a system-wide CCTV inspection project be done for the Storm Drain system, similar to the process now underway in the sanitary sewer collection system. Such an inspection would result in a list of identified priority repairs to inform future years' CIP.

The remaining projects in the Storm Drains category are mostly those identified in the Storm Drain Master Plan (2006) which address flow and capacity of existing systems to alleviate localized flooding during major storm events.

The current list of projects represents a known funding need in excess of \$3.7 million, mostly from projects identified in the Master Plan Update in 2005. It should be noted that, with minor exceptions, no funding has yet been identified for most of the proposed projects in this category.

Parks

Top priority projects for 15-16 include construction of the SkateGarden Expansion project, an Accessibility improvements and parking in Ives Park and Pool. Other projects include installation of the Occupy Bench and Wayfinding Signage, and fabrication and installation of a sign at Tomodachi Park.

Planning and design of a driveway connection between the Burnett Street and Chamber parking lots has been proposed, but no funding has been identified for this project. Another important

longer-range need for which no funding has been identified is the implementation of the Ives Park Master Plan.

Government Buildings

The main project in this category is a continuation of the ongoing ADA Transition Plan Improvements for City Buildings. This project is fully funded by Community Development Block Grant funding successfully obtained annually by the City, beginning in FY 11/12 to present. Pending completion of architectural designs, the City Council has established improvements at Ives Pool as the first priority for construction.

The second project is a Fourth Bay Addition to the Fire Department building. No funding has been identified for this project.

Energy Efficiency

No new energy efficiency projects have been proposed for the current CIP.

It should be noted, however, that many other projects in this plan, particularly in the Sewer and Water categories, also include energy efficiency improvements to our operating systems, which are incorporated into all of the City's projects to the extent possible, pursuant to long-standing policy direction from the City Council.

ATTACHMENTS

ATTACHMENT 1 - CAPITAL PROJECTS INFORMATION AND FUNDING NEEDS							
GOVERNMENT BUILDINGS							
PROJECT INFORMATION		PROJECT COST INFORMATION					
Name	Description	Initial Cost Estimate	Year	ENR CCI INITIAL Year	2015 ENR CCI	2015 PROJECT COST	Notes
ADA Transition Plan	Design	\$50,000	2015			\$50,000	
ADA Transition Plan	Construction	\$400,986				\$400,986	remaining fund bal through 15/16
Fire Dept Addition	Fourth Bay Addition	\$800,000	2015			\$800,000	
TOTAL IDENTIFIED PROJECT NEEDS						\$1,250,986	

ATTACHMENT 1 - CAPITAL PROJECTS INFORMATION AND FUNDING NEEDS						
PARKS						
PROJECT INFORMATION		PROJECT COST INFORMATION				
Name	Description	Initial Cost Estimate	ENR CCI INITIAL Year	2015 ENR CCI	2015 PROJECT COST	Notes
Ives Park Accessibility	Construct path, two ADA parking spaces and other improvements between Veterans Building Parking lot and Pool	\$24,000			\$24,000	
Occupy Bench	Circular wood/metal bench in Town Plaza	\$8,400			\$8,400	In Progress, may be completed in 14/15
Driveway Connection to Chamber Parking Lot	Construct driveway connection between two lots to improve circulation	\$30,700			\$30,700	No Funding Identified
Skategarden Expansion	Construction	\$675,403			\$675,403	*State Housing Reward Fund (\$134,550)
Tomodachi/Village Park Improvements	Fabricate and Install Sign	\$15,000			\$15,000	
Ives Park Renovation		\$5,000,000			\$5,000,000	
TOTAL IDENTIFIED PROJECT NEEDS					\$5,753,503	

ATTACHMENT 1 - CAPITAL PROJECTS INFORMATION AND FUNDING NEEDS							
STREETS							
PROJECT INFORMATION		PROJECT COST INFORMATION					
		PROJECT ESTIMATES/COST INFORMATION					
Name	Description	Initial Cost Estimate	Estimate Year	ENR CCI INITIAL Year	2015 ENR CCI	2015 PROJECT COST	Notes
Keating Ave Reconstruction	Construction Phase	\$ 249,392	2014	9964.45		\$ 249,392	Design completed in 14-15
Local Streets Slurry Seals	Construction Phase	\$ 460,000.00	2015			\$ 450,390	Continued from 14-15
Petaluma-Sebastopol Trail	Planning Grant			N/A		\$ 5,100	City share of local match for Caltrans Sustainable Planning Grant to County Parks Dept
Traffic Signal Synchronization Study	Coordinate all Traffic Signals	\$ 45,000				\$ 45,000	Funded in CVS Settlement
Wayfinding Signs (Design Phase)	Provide directional street signs for	\$ 12,000	2015			\$ 12,000	
Bodega Ave Pavement Repairs	High St Intersection	\$ 100,000	2015	9992.34	9,992.34	\$ 100,000	"
Local Streets Pavement Rehab		\$ 450,390				\$ 450,390	
Bike Lanes on State Highways	Construction	\$ 1,000,000	2015	9992.34		\$ 1,000,000	ATP application pending 6/1/15
Pavement Management Program Update	Maintain City database	\$ 5,000				\$ 5,000	City local match share for PTAP 17 and PTAP 19 funding from MTC
Crosswalk Improvements (Ped signal)	Bodega Avenue at Ragle Road	\$ 200,000	2014	9664.45	9,992.34	\$ 206,785	"
Class II Bike Lanes on Local Streets	Morris Street, Laguna Park Way, North Main Street (Healdsburg to Eddie Ln), Bodega Avenue (Washington to Ragle), Covert Lane	\$ 473,200	2014	9664.45	9,992.34	\$ 489,254	"
Bikeways on Local Streets - Sharrows	Washington Ave (Bodega to Huntley), Murphy Ave (Huntley to Healdsburg), Valentine Ave, Pleasant Hill Ave N, Bodega Ave (Main to Washington), Ragle Road, Willow Street	\$ 48,500	2014	9664.45	9,992.34	\$ 50,145	"
Bikeways on Local Streets - Class III	Various locations in Bike and Ped Master Plan	\$ 5,590	2014	9664.45	9,992.34	\$ 5,780	"
McKinley St Sidewalk	Gap Closure	\$ 80,000	2014	9964.45	9,992.34	\$ 80,224	
Intersection Control (Traffic Signal or Other)	SR 116 at McKinley St/Laguna Park Way	\$ 500,000	2015	9992.34	9,992.34	\$ 500,000	"
Crosswalk Improvements (Ped signal)	Bodega Avenue at Nelson Way	\$ 50,000	2014	9664.45	9,992.34	\$ 51,696	"
Bodega Ave Sidewalk Gap Closure	Golden Ridge Ave to Pleasant Hill Rd	\$ 250,000	2015	9992.34	9,992.34	\$ 250,000	"
Class I Bike Paths	Bodega Avenue from Ragle to City Limits; Libby Park, from Washington to Pleasant Hill Ave N	\$ 308,250	2014	9664.45	9,992.34	\$ 318,708	From Bicycle and Pedestrian Master Plan - Costs updated 2014 for Countywide Transp Plan
Intersection Control (Traffic Signal or Other)	SR 116 at Covert Lane	\$ 2,000,000	2015	9992.34	9,992.34	\$ 2,000,000	"
Gravenstein Hwy North Sidewalk	Live Oak to Soil Court	\$ 300,000	2015	9992.34	9,992.34	\$ 300,000	"
TOTAL IDENTIFIED PROJECT NEEDS						\$ 6,569,866	

ATTACHMENT 1 - CAPITAL PROJECTS INFORMATION AND FUNDING NEEDS							
WATER							
PROJECT INFORMATION		PROJECT COST INFORMATION			PROJECT ESTIMATES/COST INFORMATION		
Name	Description	Initial Cost Estimate	Estimate Year	ENR CCI INITIAL Year	2015 ENR CCI	2015 PROJECT COST	Notes
Well No. 6 Arsenic Treatment	Construction Phase	\$ 2,000,000	2015	9992.34	9992.34	\$ 2,000,000	est \$125k/yr x 20 yr beg 1/1/17
Hayden Ave Watermain Replacement	Replace 4" spiral steel from Pine Crest to McFarlane	\$ 97,800	2012	9175.94	9992.34	\$ 106,501	2005 Master Plan
Edman Way Watermain Replacement	Replace 4" with 6"	\$ 124,600	2012	9175.94	9992.34	\$ 135,686	2005 Master Plan
Lillian Way Watermain Replacement	Replace 4" with 6"	\$ 142,000	2012	9175.94	9992.34	\$ 154,634	2005 Master Plan
14" Watermain Loop Pleasant Hill to Bodega Avenue	Improve Water Pressures and Fire Flow	\$ 2,800,000	2012	9175.94	9992.34	\$ 3,049,121	2005 Master Plan
First Street Reservoir Painting		\$ 35,000	2013	9437.27	9992.34	\$ 37,059	2005 Master Plan
Abbott Ave Water Line Replacement	Replace 6" with 8"			9437.27	9992.34	\$ 158,185	
Teresa Court WM Rempacement	Replace 6" with 8" (Upsize for buildout condition)	\$ 236,686	2013	9437.27	9992.34	\$ 250,607	
Grav Hwy N WM Replacement	Replace 6" with 8" AT 699 GHN (Upsize for buildout condition)	\$ 822,898	2011	9027.00	9992.34	\$ 910,898	
Well No. 5 Treatment (GAC)		\$ 500,000	2013	9437.27	9992.34	\$ 529,408	
Grav Hwy S Water Line Replacement	Increase main sizes, Palm to Lynch	\$ 1,100,000	2013	9437.27	9992.34	\$ 1,164,698	2005 Master Plan
TOTAL IDENTIFIED PROJECT NEEDS						\$ 8,496,798	

ATTACHMENT 1 - CAPITAL PROJECTS INFORMATION AND FUNDING NEEDS							
WASTEWATER							
PROJECT INFORMATION		PROJECT COST INFORMATION					
		PROJECT ESTIMATES/COST INFORMATION					
Name	Description	Initial Cost Estimate	Estimate Year	ENR CCI INITIAL Year	2015 ENR CCI	2015 PROJECT COST	Notes
Sewer Lateral Replacement Assistance Program	Setaside for subsidy program per Riverwatch Settlement	\$40,000	2015			\$40,000	Depends on adoption of a Sewer Lateral Ordinance, tabled by City Council in Spring of 2013.
Zimpher Creek Sewer Relocation Study	Alternatives Analysis	\$50,000	2015	9992.34	9,992.34	\$50,000	
Petaluma/Fannan Manhole Construction		\$20,000	2015	9992.34	9,992.34	\$20,000	
Zimpher Creek Sewer Relocation (Const)	Project defined by Relocation Study	\$500,000	2015		9,992.34	\$500,000	Pending outcome of Alternatives Analysis - High Priority
Murphy Ave Sewer Rehabilitation		\$68,100	2012	9175.94	9,992.34	\$74,159	2005 Master Plan
Eastside Ave Sewer Replacement		\$76,100	2012	9175.94	9,992.34	\$82,871	2005 Master Plan
Calder Ave Sewer Replacement		\$240,000	2012	9175.94	9,992.34	\$261,353	2005 Master Plan
Police Station Sewer Replacement		\$210,000	2012	9175.94	9,992.34	\$228,684	2005 Master Plan
Flynn St Sewer Relocation	Divert flows to Laguna Park Way and Morris Street (eliminate main under Skate Park property)	\$221,400	2012				
High St Sewer Replacement		\$190,500	2012	9175.94	9,992.34	\$207,449	2005 Master Plan
TOTAL IDENTIFIED PROJECT NEEDS						\$1,705,615	

Pending completion of the CCTV inspection and smoke testing of the collection system, in progress in FY 14-15 and 15-16, additional project needs may be identified. At that time the City should reconsider the priorities above, established in the 2005 master plans.

ATTACHMENT 1 - CAPITAL PROJECTS INFORMATION AND FUNDING NEEDS							
STORMWATER							
PROJECT INFORMATION		PROJECT COST INFORMATION					
Name	Description	Initial Cost Estimate	Year	ENR CCI INITIAL Year	2015 ENR CCI	2015 PROJECT COST	Notes
Valentine Avenue SD Repair	Between BH Court/Zimpher	\$ 229,219	2014	9664	9992.34	\$237,007	PW Priority Project
Storm Drain CCTV Inspection	Condition Investigation, Needs assessment	\$ 500,000	2015	9992.34	9992.34	\$500,000	PW Priority Project
Calder Creek Watershed SD Improvements	Various upgrades described in Master Plans	\$ 416,801	2014	9664	9992.34	\$430,962	2005 Master Plans
Witter Creek SD	Various upgrades described in Master Plans	\$ 341,308	2014	9664	9992.34	\$352,904	2005 Master Plans
Atascadero Creek SD	Various upgrades described in Master Plans	\$ 246,317	2014	9664	9992.34	\$254,686	2005 Master Plans
Grav Hwy S SD	Between Fircrest and Lynch to Hazel Cotter Ct Outfall; described in Master Plans	\$ 820,361	2014	9664	9992.34	\$848,233	2005 Master Plans
Healdsburg Conduit Upgrade	Upsize lines in Laguna Park Way and Morris Street; described in Master Plan	\$ 685,169	2014	9664	9992.34	\$708,448	2005 Master Plans
Palm Avenue Conduit Upgrade	Upsize lines in Palm & Petaluma Ave	\$ 379,362	2014	9664	9992.34	\$392,251	2005 Master Plans
TOTAL IDENTIFIED PROJECT NEEDS						\$3,724,49	

ATTACHMENT 2

Revenue Projections for CIP - Developer Impact Fees												
REVENUE PROJECTIONS FOR CAPITAL IMPROVEMENT PROGRAM -DEVELOPMENT FEES IN EFFECT JANUARY 2015												
FISCAL YEAR	CONNECTION FEES	DEVELOPER IMPACT FEES					ANNEXATION FEES					
	Sewer	Water	Housing Linkage	Park In Lieu	Waste-water Retrofit	Traffic Impact	Under-ground In-Lieu	Water	Sewer	Fire	Police	
15/16												
CVS	9,218	19,510	32,881	0	0	15,650	0		0	0	0	
French Garden Inn	6,802	9,950		50,700	1,040	9,352						
Pellascini Mixed Use	101,760	67,070	28,720	41,600	16,320	36,648						
Assumed 1 -br SDU (2 each)	11,400	2,140	0	6,500	2,080	4,628						
Assumed 3-br SFD (2 each)	12,720	8,070	0	39,000	4,080	8,080						
Barlow-Coop Deferred Fees*	13,793	17,801	18,443	0	0	10,822						
TOTAL 15/16	260,139	189,341	118,940	228,800	52,080	160,253	0					
16/17												
Barlow Hotel	88,350	16,616	0	161,200	0	24,242						
Chase Bank	9,218	19,510	8,320	0	0	10,844						
Assumed 1 -br SDU (2 each)	11,400	2,140	0	6,500	2,080	4,628						
Assumed 3-br SFD (2 each)	12,720	8,070	0	39,000	4,080	8,080						
Barlow-Coop Deferred Fees*	13,793	17,801	18,443	0	0	10,822						
TOTAL 16/17	135,481	64,137	26,763	206,700	6,160	58,616	0	0	0	0	0	
17/18												
Cypress Heights	89,040	56,490	0	91,000	28,560	56,560		4,266	4,638	1,350	1,050	
Assumed 1 -br SDU (2 each)	11,400	2,140	0	6,500	2,080	4,628						
Assumed 3-br SFD (2 each)	12,720	8,070	0	39,000	4,080	8,080						
Barlow-Coop Deferred Fees*	3,448	4,450	3,066	0	0	2,706						
TOTAL 17/18	116,608	71,150	3,066	136,500	34,720	71,974	0	4,266	4,638	1,350	1,050	
FY Unknown												
Laguna Vista	931,071	597,820	0	899,660	282,120	574,921						
*Barlow-Coop Fee Deferral Agreement runs through September 2018.												
Notes:	Based on approved and pending projects and projects under construction as of January 2015, included in spreadsheet file titled DEVELOPMENT IMPACT FEES CALCULATOR											
Updated: Apr 27, 2015	Not intended as a calculation of exact fees applicable to any individual development.											

ATTACHMENT 3

Project Information for Revenue Projections UPDATED: Monday, April 27, 2015

PROJECT STATUS	Project Name	Street Address	Single Family Residential			Multi-Family Residential			Office and Comm'l, SF	Transient Lodging Units	Annexations (Area, Ac)
			1BR	2BR	3BR	1BR	2BR	3BR			
	FY 15/16										
Plan Check	Pellascini Mixed Use	961 Gravenstein Hwy S		8					8,000		
Plan Check	CVS	6877 Sebastopol Ave							15,808		
Design	French Garden Inn	8060 Bodega Ave								18	
	TOTALS		0	8	0	0	0	0	23,808	18	0
		16/17									
Planning App	Barlow Hotel	100 Morris St								50	
Future Const	Chase Bank	6877 Sebastopol Ave							4,000		
	TOTALS		0	0	0	0	0	0	4,000	50	0
	FY 16/17										
Subd Approved	Cypress Heights Subdivision	160 Pleasant Hill Ave N			14						1.5
	TOTALS		0	0	14	0	0	0	0	0	2
	FY UNKNOWN										
Future	Laguna Vista	Hazel Cotter Court	8		115	12	11	7			
	TOTALS		8	0	115	12	11	7	0	0	0

ATTACHMENT 4 - CIP SUMMARY					FIVE-YEAR CAPITAL PROGRAM							
Project Title	Funding Source	Project Manager	Project Expenses through FY14/15 (est/ actual)	ESTIMATED PROJECT COST (2015)	2015-16	2016-17	2017-18	2018-19	2019-20	5-year Total (FY 2015-16 through FY 2019-20)	NO FUNDING IDENTIFIED	Fund Number
GOVERNMENT BUILDINGS												
ADA Transition Plan (Architectural Design)	Community Development Block Grant	Engineering	3,067	50,000	50,000					50,000	- 0	803
ADA Transition Plan (Construction Phase I)	Community Development Block Grant	Engineering		400,986		200,986	100,000		100,000	400,986	- 0	803
Fire Station 4th Bay Addition	General Fund	Fire		800,000						- 0	800,000	
Total Government Buildings			3,067	1,250,986	50,000	200,986	100,000	- 0	100,000	450,986	800,000	
PARKS												
Occupy Bench	Park in lieu Fees, Donations	Planning	- 0	8,400	8,400					8,400	- 0	860 / Donati
Ives Park Accessibility	Park in lieu Fees	Planning		24,000	24,000					24,000	- 0	860
Driveway Connection to Chamber Parking Lot		Planning		30,700	- 0					- 0	30,700	
Skategarden Expansion	Skate Park Donations, Park in lieu Fees, Other Grants	Planning	15,770	675,403	675,403					675,403	- 0	860, 749, 82
Tomodachi/Village Park-Fabricate and install Sign	Park in lieu Fees / Open Space Grant	Planning	- 0	15,000	15,000					15,000	- 0	860 / 827
Ives Park Renovation		Planning	- 0	5,000,000						- 0	5,000,000	
Total Parks and Recreation Projects			15,770	5,753,503	722,803	- 0	- 0	- 0	- 0	722,803		
TRANSPORTATION - PAVEMENT PROGRAM												
Pavement Management Plan Update (PTAP 15)	Special Sales Tax Pavement Reserve	Engineering	3,995	- 0	- 0						- 0	761
Keating Avenue Reconstruction (PSE Phase)	Special Sales Tax Pavement Reserve	Engineering	18,378	21,879	21,879					21,879	- 0	761
Keating Avenue Reconstruction (Const Phase)	OBAG - STPL-5123(015)	Engineering	- 0	249,392	249,392					249,392	- 0	212
Local Streets Rehabilitation (2015)	Measure M, Special Sales Tax Pavement Reserve	Engineering	9,532	450,390	450,390					450,390	- 0	003, 761
Bodega Ave/High St Intersection Pavement Repairs	Special Sales Tax Pavement Reserve	Engineering	- 0	100,000		100,000				100,000	- 0	
Local Streets Rehabilitation (2017)	Special Sales Tax Pavement Reserve	Engineering	- 0	400,000		400,000				400,000	- 0	003/761
PMP Update (2017)	Special Sales Tax Pavement Reserve	Engineering	- 0	5,000			5,000			5,000	- 0	761
Local Streets Rehabilitation (2019)	Special Sales Tax Pavement Reserve	Engineering	- 0	400,000				400,000		400,000	- 0	003/761
PMP Update (2019)	Special Sales Tax Pavement Reserve	Engineering	- 0	5,000					5,000	5,000	- 0	761
Total Pavement Program Projects			31,905	1,631,661	721,661	500,000	5,000	400,000	5,000	1,631,661	- 0	
TRANSPORTATION - BIKE & PED, SAFETY, OTHER										- 0	- 0	
Bike Lanes on SR 116 (Design, Env., Permitting)	Traffic Impact Fund, TDA Article 3	Engineering	81,912	25,443	25,443					25,443	- 0	217, 870

ATTACHMENT 4 - CIP SUMMARY				FIVE-YEAR CAPITAL PROGRAM								
Project Title	Funding Source	Project Manager	Project Expenses through FY14/15 (est/ actual)	ESTIMATED PROJECT COST (2015)	2015-16	2016-17	2017-18	2018-19	2019-20	5-year Total (FY 2015-16 through FY 2019-20)	NO FUNDING IDENTIFIED	Fund Number
Petaluma/Sebastopol Trail Feasibility Study	Traffic Impact Fund	County of Sonoma		6,564	6,564					6,564		- 0 870
Traffic Signal Synchronization Study	CVS Settlement Agreement	Engineering		45,000	45,000					45,000		- 0 870
Wayfinding Signs (Design)	Traffic Impact Fund	Planning		12,000	12,000					12,000		- 0 870
Bike Lanes on SR 116 (Construction)	Traffic Impact Fund, ATP Grant	Engineering		1,000,000	200,000	800,000				1,000,000		- 0 870
Class 2 Bike Lanes on Local Streets	Traffic Impact Fund, Grants	Engineering		489,254			489,254			489,254		- 0
Bikeways on Local Streets - Sharrows	Traffic Impact Fund, Grants	Engineering		50,145			50145			50,145		- 0
Bikeways on Local Streets - Class 3 / Signage	Traffic Impact Fund, Grants	Engineering		5,780			5780			5,780		- 0
Crosswalk Imprs - Bodega and Ragle	Traffic Impact Fund, Grants	Engineering		206,785						- 0	206,785	
Crosswalk Imprs - Bodega and Nelson	Traffic Impact Fund, Grants	Engineering		51,696						- 0	51,696	
Bodega Ave Sidewalk Gap Closure (between Golden Ridge and PHAN)	Traffic Impact Fund, Grants	Engineering		250,000				250,000		250,000		- 0
McKinley St Sidewalk Gap Closure	Traffic Impact Fund, Grants	Engineering		80,224				80,224		80,224		- 0
Gray Hwy N Sidewalk Gap Closure (between Live Oak and Soil Ct)	Traffic Impact Fund, Grants	Engineering		300,000						- 0	300,000	
Intersection Control - SR116 at McKinley Street	Traffic Impact Fund, Grants	Engineering		500,000						- 0	500,000	
Intersection Control - SR 116 at Covert Lane	Traffic Impact Fund, Grants	Engineering		2,000,000						- 0	2,000,000	
Total Bike & Ped, Safety Projects			81,912	5,022,891	289,007	800,000	545,179	330,224	- 0	1,964,410	3,058,481	
WATER SYSTEM												
Well 6 Arsenic Treatment (Planning Phase)	State Revolving Fund Loan	Public Works	150,000	291,000	291,000					291,000		- 0 511
Well 7 Arsenic Treatment (Construction)	Muni Financing Loan	Public Works	560,000	675,000	675,000					675,000		- 0 512
Well 6 Arsenic Treatment (Construction)	State Revolving Fund Loan	Public Works		2,000,000		\$2,000,000				2,000,000		- 0 xxx
Hayden Ave Water Line Replacement	Water Capital Funds	Engineering		106,501			106,501			106,501		- 0 511
Edman Way Water Line Replacement	Water Capital Funds	Engineering		135,686			135,686			135,686		- 0 511
Lilian Way Water Replacement	Water Capital Funds	Engineering		154,634			154,634			154,634		- 0 511
14" Main Loop Pleasant Hill to Bodega	Water Capital Funds	Engineering		3,049,121						- 0	3,049,121	
First Street Reservoir Painting	Water Capital Funds	Engineering		37,059				37,059		37,059		- 0 511
Abbott Ave Water Line Replacement	Water Capital Funds	Engineering		158,185				158,185		158,185		- 0 511
Teresa Court Water Line Replacement	Water Capital Funds	Engineering		250,607				250,607		250,607		- 0 511
Gray Hwy N Water Main Replacement	Water Capital Funds	Engineering		910,898						- 0	910,898	
Well No. 5 Treatment System	Water Capital Funds	Engineering		529,408						- 0	529,408	
Gray Hwy S Water Line Replacement	Water Capital Funds	Engineering		1,164,698						- 0	1,164,698	
Total Water Projects			710,000	9,462,797	966,000	2,000,000	396,821	445,851	- 0	3,808,672	5,654,125	
SEWER SYSTEM												
Lateral Replacement Assistance Program	Teche Settlement		- 0	40,000	40,000					40,000		- 0 731
CCTV Inspection of Sewer System	Sewer Ops, Connection Fees	Engineering	25,572	479,475	479,475					479,475		- 0 421
Sewer System Management Plan	Teche Settlement	Public Works	11,615	13,385	13,385					13,385		- 0 731

ATTACHMENT 4 - CIP SUMMARY				FIVE-YEAR CAPITAL PROGRAM											
Project Title	Funding Source	Project Manager	Project Expenses through FY14/15 (est/ actual)	ESTIMATED PROJECT COST (2015)	2015-16	2016-17	2017-18	2018-19	2019-20	5-year Total (FY 2015-16 through FY 2019-20)	NO FUNDING IDENTIFIED	Fund Number			
Zimpher Creek Sewer Relocation Study	Sewer Ops, Connection Fees	Engineering	50,000	50,000		500,000				50,000	- 0	421			
Zimpher Creek Sewer Relocation (Design & Construction)	Sewer Ops, Connection Fees	Engineering	500,000							500,000	- 0	421			
Petaluma/Farmen Sewer Manhole Construction	Sewer Ops, Connection Fees	Public Works	20,000	20,000						20,000	- 0	421			
Murphy Ave Sewer Rehabilitation	Sewer Ops, Connection Fees	Engineering	74,159				74,159			74,159	- 0	421			
Eastside Ave Sewer Replacement	Sewer Ops, Connection Fees	Engineering	82,871				82,871			82,871	- 0	421			
Calder Ave Sewer Replacement	Sewer Ops, Connection Fees	Engineering	261,353					261,353		261,353	- 0	421			
Police Station Sewer Replacement	Sewer Ops, Connection Fees	Engineering	228,684					228,684		228,684	- 0	421			
Flynn Street Sewer Replacement	Sewer Ops, Connection Fees	Engineering	241,098						241,098	241,098	- 0	421			
High Street Sewer Replacement	Sewer Ops, Connection Fees	Engineering	207,449						207,449	207,449	- 0	421			
Total Wastewater Projects			37,187	2,198,474	602,860	500,000	157,030	490,037	448,547	2,198,474	- 0				
STORM DRAIN SYSTEM															
Valentine Avenue Storm Drain Repair	General Fund	Engineering		237,007						- 0	237,007				
Storm Drain System-wide CCTV Inspection	General Fund	Engineering		500,000						- 0	500,000				
Calder Creek Watershed SD Improvements	General Fund	Engineering		430,962						- 0	430,962				
Witter Creek Storm Drain Improvements	General Fund	Engineering		352,904						- 0	352,904				
Atascadero Creek Storm Drain Improvements	General Fund	Engineering		254,686						- 0	254,686				
Gravenstein Hwy South Storm Drain Improvements	General Fund	Engineering		848,223						- 0	848,223				
Healdsburg Conduit Upgrade	General Fund	Engineering		708,448						- 0	708,448				
Palm Avenue Conduit Upgrade	General Fund	Engineering		302,251						- 0	302,251				
Total Storm Drain Projects			\$ - 0	\$ 3,634,481	- 0	- 0	- 0	- 0	- 0	- 0	3,634,481				
TOTAL ALL PROJECTS			879,841	28,954,793	3,352,331	4,000,986	1,204,030	1,666,112	553,547	10,777,006	13,147,087				

ATTACHMENT 5 - FUNDING PROJECTIONS AND PROGRAMMING BY CATEGORY		
GOVERNMENT BUILDINGS CIP		

GOVERNMENT BUILDINGS CIP								
		Estimated FY	Budget FY	Budget FY	Budget FY	Budget FY	Budget FY	
		2015	2016	2017	2018	2019	2020	
Funds Available								
Beginning cash balance (3/31/15)			\$421,972.00	\$411,972.00	\$260,986.00	\$210,986.00	\$260,986.00	
	806 Community Development Block Grant	\$210,986.00						
	001 General Fund	\$0.00	0	0	0	0	0	
Revenues								
	CDBG Annual Program		\$40,000.00	50000	\$50,000.00	\$50,000.00	\$50,000.00	
	Total Cash Available	\$210,986.00	\$461,972.00	\$461,972.00	\$310,986.00	\$260,986.00	\$310,986.00	
Projects/Expenditures								NO FUNDING IDENTIFIED
	ADA Transition Plan Design	\$0.00	(\$50,000.00)	\$0.00	\$0.00	\$0.00	\$0.00	
	ADA Transition Plan Construction	\$0.00	\$0.00	(\$200,986.00)	(\$100,000.00)	\$0.00	(\$100,000.00)	
	Fire Department Fourth Bay Addition		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$800,000.00
	Cash Balance	\$210,986.00	\$411,972.00	\$260,986.00	\$210,986.00	\$260,986.00	\$210,986.00	

PARKS CIP

\$5,000,000.00
\$5,030,700.00

ATTACHMENT 5 - FUNDING PROJECTIONS AND PROGRAMMING BY CATEGORY		
TRANSPORTATION - PAVEMENT PROGRAM		

TRANSPORTATION - PAVEMENT PROGRAM							
		Estimated FY 2015	Budget FY 2016	Budget FY 2017	Budget FY 2018	Budget FY 2019	Budget FY 2020
Funds Available							
Beginning cash balance (3/31/15)			\$848,511.34	\$426,242.34	\$126,242.34	\$321,242.34	\$121,242.34
003 Countywide ST (Measure M - LSR)		\$224,464.79					
761 Special ST Pavement Reserve		\$449,046.55					
Revenues							
003 Measure M (1415 Q3&4)		\$25,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00
Transfers in from Special ST*		\$150,000.00	\$0.00	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00
212 Federal-aid Grant			\$249,392.00	0	0	0	0
Total Cash Available		\$848,511.34	\$1,147,903.34	\$626,242.34	\$326,242.34	\$521,242.34	\$321,242.34
Projects/Expenditures							
Pavement Management Plan Update (PTAP 15)			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Keating Avenue Reconstruction (PSE Phase)			(\$21,879.00)	\$0.00	\$0.00	\$0.00	\$0.00
Keating Avenue Reconstruction (Const Phase)			(\$249,392.00)	\$0.00	\$0.00	\$0.00	\$0.00
Local Streets Rehabilitation (2015)			(\$450,390.00)	\$0.00	\$0.00	\$0.00	\$0.00
Bodega Ave/High St Intersection Pavement Repairs			\$0.00	(\$100,000.00)	\$0.00	\$0.00	\$0.00
Local Streets Rehabilitation (2017)			\$0.00	(\$400,000.00)	\$0.00	\$0.00	\$0.00
PMP Update (2017)			\$0.00	\$0.00	(\$5,000.00)	\$0.00	\$0.00
Local Streets Rehabilitation (2019)			\$0.00	\$0.00	\$0.00	(\$400,000.00)	\$0.00
PMP Update (2019)			\$0.00	\$0.00	\$0.00	\$0.00	(\$5,000.00)
Cash Balance		\$848,511.34	\$426,242.34	\$126,242.34	\$321,242.34	\$121,242.34	\$316,242.34
*14/15 includes budgeted transfer from 001 SST of \$150,000; Transfer from SST is not included in proposed 15/16 budget; Transfer from SST Assumed for FY 2017 through 2020							
City risks losing Measure M revenues if Maintenance of Effort Provisions in Co-op Agreement are not met through continuing commitment of local funding.							

ATTACHMENT 5 - FUNDING PROJECTIONS AND PROGRAMMING BY CATEGORY									
WATER CAPITAL FUNDS									

SEWER CAPITAL FUNDS			Estimated FY 2015		Budget FY 2016	Budget FY 2017	Budget FY 2018	Budget FY 2019	Budget FY 2020
Funds Available									
400		Sewer Annexation Fees	\$12,698.00						
421		Sewer Capital Fund	\$1,030,647.00						
422		Wastewater Retrofit Fund	\$173,910.00						
731		Teclite Settlement Fund	\$128,617.00						
		Total Beginning Cash Balances	\$1,345,872.00	\$1,815,007.00	\$1,707,278.00	\$1,271,415.00	\$1,189,801.00	\$699,764.00	
Revenues									
		Sewer Annexation Fees	\$0.00	\$0.00	\$0.00	\$4,266.00	\$0.00	\$0.00	
421		Sewer Connection Fees							
422		Wastewater Retrofit Fund	\$0.00	\$189,341.00	\$64,137.00	\$71,150.00	\$0.00	\$0.00	
		Transfers In from Sewer Ops (420)	\$506,322.00	\$305,790.00	\$0.00	\$0.00	\$0.00	\$0.00	
		Total Revenues	\$506,322.00	\$495,131.00	\$64,137.00	\$75,416.00	\$0.00	\$0.00	
Projects / Expenditures									
		Lateral Replacement Assistance Program	\$0.00	\$40,000.00	\$0.00	\$0.00	\$0.00	\$0.00	
		CCTV Inspection of Sewer System	\$25,572.00	\$479,475.00	\$0.00	\$0.00	\$0.00	\$0.00	
		Sewer System Management Plan	\$11,615.00	\$13,385.00	\$0.00	\$0.00	\$0.00	\$0.00	
		Zimpher Creek Sewer Relocation Study	\$0.00	\$50,000.00	\$0.00	\$0.00	\$0.00	\$0.00	
		Zimpher Creek Sewer Relocation (Design & Construction)	\$0.00	\$0.00	\$500,000.00	\$0.00	\$0.00	\$0.00	
		Petaluma/Fannin Sewer Manhole Construction	\$0.00	\$20,000.00	\$0.00	\$0.00	\$0.00	\$0.00	
		Murphy Ave Sewer Rehabilitation	\$0.00	\$0.00	\$0.00	\$74,159.00	\$0.00	\$0.00	
		Eastside Ave Sewer Replacement	\$0.00	\$0.00	\$0.00	\$82,871.00	\$0.00	\$0.00	
		Calder Ave Sewer Replacement	\$0.00	\$0.00	\$0.00	\$0.00	\$261,353.00	\$0.00	
		Police Station Sewer Replacement	\$0.00	\$0.00	\$0.00	\$0.00	\$228,684.00	\$0.00	
		Flynn Street Sewer Replacement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$241,098.00	
		High Street Sewer Replacement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$207,449.00	
		Total Uses	\$37,187.00	\$602,860.00	\$500,000.00	\$157,030.00	\$490,037.00	\$448,547.00	
		Cash Balance	\$1,815,007.00	\$1,707,278.00	\$1,271,415.00	\$1,189,801.00	\$699,764.00	\$251,217.00	
* Transfers to CIP in 14/15 and 15/16 only; see page A-20 for Sewer Operations Fund revenue and expenditure projections									

ATTACHMENT 5 - FUNDING PROJECTIONS AND PROGRAMMING BY CATEGORY

STORM DRAINS CIP								
			Estimated FY	Budget FY	Budget FY	Budget FY	Budget FY	
			2015	2016	2017	2018	2019	2020
Funds Available			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Beginning cash balance (3/31/15)								
001 General Fund			\$0.00	0	0	0	0	0
Revenues								
General Fund			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		Total Cash Available	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Projects/Expenditures								NO FUNDING IDENTIFIED
		Valentine Avenue Storm Drain Repair		\$0.00	\$0.00	\$0.00	\$0.00	\$237,007.00
		Storm Drain System-wide CCTV Inspection		\$0.00	\$0.00	\$0.00	\$0.00	\$500,000.00
		Calder Creek Watershed SD Improvements		\$0.00	\$0.00	\$0.00	\$0.00	\$430,962.00
		Witter Creek Storm Drain Improvements		\$0.00	\$0.00	\$0.00	\$0.00	\$352,904.00
		Alascadero Creek Storm Drain Improvements		\$0.00	\$0.00	\$0.00	\$0.00	\$254,686.00
		Gravenstein Hwy South Storm Drain Improvements		\$0.00	\$0.00	\$0.00	\$0.00	\$848,223.00
		Hearstburg Conduit Upgrade		\$0.00	\$0.00	\$0.00	\$0.00	\$708,448.00
		Palm Avenue Conduit Upgrade		\$0.00	\$0.00	\$0.00	\$0.00	\$392,251.00
		Total Projects	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,724,481.00
		Cash Balance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

ATTACHMENT 6 WATER AND SEWER OPERATIONS FUND PROJECTIONS (CONTRIBUTED CAPITAL)

[illegible]

ATTACHMENT 6 WATER AND SEWER OPERATIONS FUND PROJECTIONS (CONTRIBUTED CAPITAL)

[illegible]