

CITY OF PLACERVILLE



ADOPTED CAPITAL IMPROVEMENT PROGRAM BUDGET 2010/2011

CAPITAL IMPROVEMENT PROGRAM POLICY

Each year the City faces the challenge of meeting infrastructure and equipment needs with limited financial resources. The Capital Improvement Program Budget is designed to address the large financial investment that is required to maintain and expand public facilities and infrastructure. Ongoing service delivery can be assured only if adequate consideration is given to capital needs including capital asset replacement. If the City were to fail to maintain its capital assets, facilities and infrastructure will deteriorate until costly, constant maintenance is required, service levels are threatened, and community growth stagnates or even declines.

- In contrast to the Operating Budget, the Capital Improvement Program is a multi-year planning document. With respect to capital projects, it sets our goals for the next five years within what we believe to be realistic revenue projections.
- Capital assets are defined as a new or rehabilitated physical asset that is nonrecurring, has a useful life of more than three to five years, and is expensive to purchase. Capital projects are undertaken to acquire a capital asset. Examples of capital projects include construction of public facilities, major street improvements, and the acquisition of large pieces of equipment.
- Each project, shown within this document, indicates the potential funding sources based upon a number of restrictions that are common to local government revenue sources. As an example, we can build roads with gas tax funds and development impact funds, but not with park development funds.
- The funding strategy for the capital improvement program is to use all available restricted funds before general capital improvement funds. This maintains the City's flexibility to fund priority projects without regard to the source of revenues.
- Because of limited resources, the City's strategy during the last several years has been to contribute any carry-over from the prior year's operating budget to the General Capital Improvements Fund. This is the only true source of unrestricted capital improvement funds within the City. With the backlog of street and building maintenance projects, the City's goal is to some day allocate a percentage of sales tax revenues to be used only for capital improvements. This will assure long-term financial health of the City.

This page was intentionally left blank.

TABLE OF CONTENTS

CAPITAL IMPROVEMENT PROJECTS 2010/2011

Annual Street Striping (CIP #41101)	8
Hocking Street and Morrene Drive Overlay(CIP #41102)	9
Thompson Way and Combellack Road Sidewalks (CIP #41103)	10
Sewer System Management Plan (CIP #41104)	11
Main Street Sewer Line Pipe Bursting (CIP #41105)	12
Conrad Street and Cottage Street Waterline Replacement (CIP #41106)	13
Lumsden Park Restroom Restoration (CIP #41107)	14
Facility and Streetlight Replacement (CIP #41108)	15

This page was intentionally left blank.

2010/2011 CAPITAL IMPROVEMENT PROGRAM PROJECTS

Annual Street Striping (CIP #41101)

DESCRIPTION:

The purpose of this project is to repaint the centerline along City streets. The striping program involves maintaining the centerline and edge of pavement markings. The Corporation Yard staff is responsible for maintaining signage, stop bars, crosswalks, lettering, and all other symbols. A street striping inventory is kept current by the Public Works Department. This year's proposed program includes most City streets.

COST SUMMARY:

Construction	\$23,000
Engineering	
Construction Administration	
Inspection/Testing	
Subtotal	<u>23,000</u>
Project Management	2,300
Contingency	<u>1,900</u>
Total Estimate	<u>\$27,200</u>

POTENTIAL FUNDING SOURCES:

Proposition 1B Revenue	\$27,200
------------------------	----------

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

Repainting City streets has historically been completed on an annual basis. Deferral of repainting will lead to fading of important traffic control markings, which could lead to traffic related accident claims.

ALTERNATIVES:

Defer Project.

Hocking Street and Morrene Drive Overlay (CIP #41102)

DESCRIPTION:

Grind and overlay Hocking Street and Morrene Drive from the Hocking Street intersection with Mosquito Road to the point where Morrene Drive intersects at Giovanni Drive. This project will include incidental drainage improvements and upgrades to handicap facilities to meet current ADA requirements.

COST SUMMARY:

Construction	\$270,000
Engineering	15,000
Construction Administration	
Inspection/Testing	<u>15,000</u>
Subtotal	300,000
Project Management	10,000
Contingency	<u>20,000</u>
Total Estimate	<u>\$330,000</u>

POTENTIAL FUNDING SOURCES:

ARRA Carryover	\$300,000
RSTP Exchange	30,000

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

This project will drastically improve the pavement condition on these streets, thereby reducing ongoing maintenance costs for many years.

ALTERNATIVES:

If no federal funding is received, the project will not be undertaken. Some preliminary design and contract document preparation will be done utilizing RSTP Exchange funds that have already been obligated to the City through the El Dorado County Transportation Commission so that the City can meet the anticipated tight time frames to be under contract once the federal money is received.

Thompson Way and Combellack Road Sidewalks (CIP #41103)

DESCRIPTION:

The purpose of this project is to provide safe routes for pedestrians along the south side of Thompson Way, between the existing sidewalk on Cedar Ravine Road and the main entrance of Sierra Elementary School, a distance of approximately 1,250 linear feet and along the south side of Combellack Road, between Canal Street and easterly of David Circle, a distance of approximately 1,100 linear feet. These locations have long been identified as areas in need of sidewalk improvements to provide safe routes for schoolchildren to walk to and from Sierra Elementary School, Markham Middle School, and El Dorado High School.

COST SUMMARY:

Construction	\$280,000
Engineering	20,000
Environmental Document	5,000
Right-of-Way Acquisition	15,000
Inspection/Testing	<u>15,000</u>
Subtotal	335,000
Project Management	15,000
Contingency	<u>50,000</u>
Total Estimate	<u>\$400,000</u>

POTENTIAL FUNDING SOURCES:

State Safe Routes to School (SR2S) Grant	\$295,000
AB 2766 DMV Air Quality Fund ¹	90,000
Development Impact Fund ¹	15,000

¹Qualify as local match funding to SR2S program.

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

Additional drain inlets added to the system will require periodic maintenance. However, no additional maintenance staff time would be required. Sidewalk maintenance costs are borne by the property owner.

ALTERNATIVES:

1. Should the SR2S grant application be denied, the remaining \$105,000 from AB2766 and the Development Impact Funds will be used to construct a portion of the Thompson Way sidewalks only (from Cedar Ravine Road to the Placerville Unified School District administration building driveway).
2. Do nothing.

Sewer System Management Plan Preparation (CIP #41104)

DESCRIPTION:

The development of a Sewer System Management Plan (SSMP) is a requirement of the State Water Resources Control Board Order No. 2006-0003-DWQ Statewide General Waste Discharge Requirements for Wastewater Collection Agencies. The SSMP is a document that describes the activities an agency uses to manage its wastewater collection system effectively. Effective management of a wastewater collection system includes maintaining or improving the condition of the collection system infrastructure in order to provide reliable service into the future, cost-effectively minimizing infiltration/inflow (I/I) and providing adequate sewer capacity to accommodate design storm flows, and minimizing the number and impact of sanitary sewer overflows (SSOs) that occur.

In order to achieve the above goals it is expected that each wastewater collection system agency develop and implement an SSMP. Each SSMP must address the following elements; Goal, organization, legal authority, operation and maintenance program, design and performance provisions, overflow emergency response plan, Fats, Oils, and Grease (FOG) control program, system evaluation and capacity assurance plan, monitoring, measurement, and program modifications, SSMP program audits, communication program.

COST SUMMARY:

Construction	\$
Engineering	15,000
Construction Administration	
Inspection/Testing	
Subtotal	<u>15,000</u>
Project Management	5,000
Contingency	
Total Estimate	<u>\$20,000</u>

POTENTIAL FUNDING SOURCES:

Sewer Enterprise Fund	\$20,000
-----------------------	----------

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

The SSMP should clarify roles and responsibilities and improve overall efficiency of maintenance operations. The plan will define goals, objectives, procedures for reporting, record-keeping, and keeping system maps current and accurate.

ALTERNATIVES:

Defer preparation of the plan. The City may incur penalties from the State Water Resources Control Board if the plan is deferred.

Main Street Sewer Line Pipe Bursting (CIP #41105)

DESCRIPTION:

In lieu of the paying \$15,000 in Mandatory Minimum Penalties for the recent ammonia violations at the Hangtown Creek Water Reclamation Facility, the City proposes to implement a “slip lining/ pipe bursting” project on the City’s sewer line on Main Street between Bedford Avenue and Sacramento Street, a distance of approximately 1,200 lineal feet. This segment of the City’s sewer collection system has experienced significant I & I problems, and the proposed project would help to improve water quality in the area and reduce the winter flow volumes coming into the plant. The Regional Water Quality Control Board has agreed to allow the City to complete this project in lieu of paying the fine.

The project will begin with a detailed TV camera investigation of the sewer main to identify specific problem areas, and provide detailed locations of all service laterals within the project area. Based upon the results of the TV camera investigation, staff will prepare a plan in identifying the limits of the project, and the locations of all affected service laterals. Staff will then prepare a request for proposals from at least three qualified contractors for bids to either slip line the existing sewer pipe, or “Pipe Burst” the existing pipe to replace it with 6” HDPE pipe, and reconnect all existing sewer laterals to the upgraded sewer main. The reconnected sewer laterals would all include cleanouts to improve maintenance efficiency, and to better delineate the boundary point between the public’s responsibility and private. Based upon the proposals received, the City would select the lowest proposal, and adjust the limits of work if necessary to make sure that the contract amount was at least \$15,000. All work would be required to be performed at night (and possibly on Saturday and Sunday) to minimize disruptions to any affected businesses.

COST SUMMARY:

Construction	\$18,500
Engineering	1,000
Construction Administration	
Inspection/Testing	<u>1,500</u>
Subtotal	21,000
Project Management	
Contingency	<u>2,100</u>
Total Estimate	\$23,100

POTENTIAL FUNDING SOURCES:

Sewer Enterprise Fund	\$23,100
-----------------------	----------

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

This project will improve service in the area while reducing winter flows into the plant.

ALTERNATIVES:

Pay the \$15,000 fine to the Regional Water Quality Control Board.

Conrad Street and Cottage Street Waterline Replacement (CIP #41106)

DESCRIPTION:

The project consists replacing approximately 1,400 linear feet of old, obsolete and, deteriorated waterline on Conrad Street, Conrad Court and Cottage Street between Coloma Street on the west and Garden Loop on the east. The existing pipelines range in size from 1 inch pipeline to 4 inch pipeline that are approximately 60 to 70 years old. These pipelines will be replaced with 1,400 linear feet of six-inch pipeline, including all associated valves, fittings, fire hydrants, and other appurtenances. The project will also include the replacement of all old and deteriorated water service laterals.

COST SUMMARY:

Construction	\$259,200
Engineering	15,000
Construction Administration	
Inspection/Testing	<u>15,000</u>
Subtotal	289,200
Project Management	10,000
Contingency	<u>30,800</u>
Total Estimate	<u>\$330,000</u>

POTENTIAL FUNDING SOURCES:

Community Development Block Grant Funding: \$330,000

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

This project will reduce the overall maintenance and repair costs in this area of the City, and will improve fire flow and overall water service reliability.

ALTERNATIVES:

If the City is successful in obtaining the CDBG grant, the city will move forward with this project. If construction bids come in lower than estimated, the limits of the project will be expanded. If the construction bids come in higher than estimated, the limits of the project will be contracted. If the city does not receive the CDBG grant, the project will not be undertaken at this time.

Lumsden Park Restroom Restoration (CIP #41107)

DESCRIPTION:

This project will protect the restroom at Lumsden Park from further damage. The existing roof is in disrepair. The scope of work will focus on the replacement of roof trusses, sheeting, felt and shingles. Interior electrical fixtures will be upgraded. Postponement of this project could result in a safety risk to park visitors.

COST SUMMARY:

Construction	\$ 4,000
Engineering	
Construction Administration	
Inspection/Testing	
Sub Total	<u>4,000</u>
Project Management	
Contingency	<u>800</u>
Total Estimate	<u>\$ 4,800</u>

POTENTIAL FUNDING SOURCES:

Park Development Fund	\$ 4,800
-----------------------	----------

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

The improved condition of the restroom will reduce the potential for further damage to the building resulting in reduced maintenance and operational costs in the future.

ALTERNATIVES:

Defer the project.

Facility and Streetlight Replacement (CIP #41108)

DESCRIPTION:

This project involves the replacement of the existing interior lighting at City Hall, Town Hall, Police Department, and the street lights located in City parking lots with high efficiency lighting.

COST SUMMARY:

Construction	\$63,510
Engineering	
Construction Administration	
Inspection/Testing	
Sub Total	<u>63,510</u>
Project Management	8,374
Contingency	<u>0</u>
Total Estimate	<u>\$71,884</u>

POTENTIAL FUNDING SOURCES:

ARRA-Energy Efficiency and Conservation	\$55,226
Block Grant	
El Dorado Energy Watch Grant	16,658

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

The new energy efficient lighting will reduce electricity costs at the proposed locations.

ALTERNATIVES:

Defer the project.