CITY OF PLACERVILLE

PROPOSED CAPITAL IMPROVEMENT PROGRAM BUDGET FISCAL YEAR 2021/2022

CITY OF PLACERVILLE
PROPOSED CAPITAL IMPROVEMENT PROGRAM BUDGET
2021/2022

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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 few 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 five years or more, 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 building maintenance projects, the City's goal is to someday allocate a percentage of sales tax revenues to be used only for capital improvements. This will assure long-term financial health of the City.

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Building Permit Software (CIP #42201)

DESCRIPTION:

This project involves the purchase of an automation permitting system software to track all construction and land use permitting applications including tracking of building and land use applications, inspections, public hearings, noticing, application fees, impact fees, etc.

Specifically, the software system will allow for: (1) Processing and managing permits; (2) Electronic Plan Review; (3) Use of mobile apps for field reporting and inspections; (3) Allows public access and facilitates on-line permits; and (4) Creation of custom reports using multiple data sources.

COST SUMMARY:

Installation (configure database, fees, and processing):	$65,000
Import existing records:	1,000
Subtotal	66,000
Contingency	6,600
Total Estimate	**$72,600**

POTENTIAL FUNDING SOURCES:

PARSAC Flexible Spending Funds	$72,600

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

Annual user fee/hosting fee is $5,000 per year for an undetermined number of users.

ALTERNATIVES:

Do not purchase a permitting software permitting software package. The Development Services Department will continue to use Lotus Approach which is currently maintained by El Dorado County IT without cost. This support may end at any time when Assessor's Office changes to another system.

Corporation Yard Revitalization (CIP #42202)

DESCRIPTION:

The Public Works Corporation Yard is utilized daily by both the Public Works Department and Parks Division. The storage of materials, equipment, staffing, and facility repairs for the City's sewer, water, and road networks summarize the services this facility provides as a vital asset to the day to day operations of the City.

Several decades ago, a master plan was developed for the Corp. Yard and it included proper equipment storage, deposition of hazardous waste and oils, fueling of equipment, and material storage for water and sewer fittings and structures. Additional facilities and building will be needed to allow for proper training facilities for staff who address sewer overflow spills and water main breaks as they arise throughout the City. This project will be the initial funding for design to revitalize the City's Corporation Yard to suitably support all the vast functions of Public Works who is responsible for the maintenance and repair of the City's sewer and water systems.

COST SUMMARY:

Architecture/Engineering*	$75,000
Grant Writing*	0
Environmental Document*	0
Construction*	0
Inspection/Testing*	0
Total	**$75,000**

POTENTIAL FUNDING SOURCES:

Water Enterprise Fund	$25,000
Sewer Enterprise Fund	$25,000
Road Maintenance and Rehabilitation Account	$25,000

*Additional future funding will be needed to fully design and construct the improvements.

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

This project has been deferred for over two decades since the original master planning effort began. As a result, annual maintenance costs continue to increase on the existing buildings. A newly renovated facility or new facility will initially reduce annual maintenance costs and additionally, gain efficiency of services provided to the public.

Dimity Lane Repaving (CIP #42203)

DESCRIPTION:

Dimity Lane located in the City right of way and is a direct connection to Mosquito Road and Carson Road and it provides a trail crossing at the El Dorado Trail. The road condition has deteriorated and is in need of repaving. Proposed improvements consist of a combination of pavement repairs, subgrade compaction, grind and pave, crack seal, and slurry seal as determined through field assessment. The City will confirm any potential utility impacts with adjacent utility providers as part of project due diligence prior to paving.

COST SUMMARY:

Environmental Document	$ 0
Engineering	0
Right-of-Way Acquisition	0
Construction	50,000
Construction Inspections/Testing	5,000
Subtotal	55,000
Contingency	5,000
Total Estimate	**$60,000**

POTENTIAL FUNDING SOURCES:

Measure L Fund	$60,000

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

This project is anticipated to reduce annual maintenance and operational costs of Dimity Lane for the estimated project services life of 10 years or more.

ALTERNATIVES:

Defer the project and risk further deterioration of the road and potential increase in claims.

Coon Hollow Road Repaving (CIP #42204)

DESCRIPTION:

Coon Hollow Road located in the City right of way and is a direct connection to the County of El Dorado as well as Highway 49. The road condition has deteriorated and is in need of repaving. Proposed improvements consist of a combination of pavement repairs, subgrade compaction, grind and pave, crack seal, and slurry seal as determined through field assessment. The City does not have any utilities located within this road and will confirm any potential impacts with adjacent utility providers as part of project due diligence prior to paving.

COST SUMMARY:

Environmental Document	$ 0
Engineering	0
Right-of-Way Acquisition	0
Construction	50,000
Construction Inspections/Testing	5,000
Subtotal	55,000
Contingency	5,000
Total Estimate	**$60,000**

POTENTIAL FUNDING SOURCES:

Measure L Fund	$60,000

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

This project is anticipated to reduce annual maintenance and operational costs of Coon Hollow Road for the estimated project services life of 10 years or more.

ALTERNATIVES:

Defer the project and risk further deterioration of the road and potential increase in claims.

Middletown Road Repaving (CIP #42205)

DESCRIPTION:

Middletown Road located in the City right of way and is a direct connection to the County of El Dorado. The road condition has deteriorated and is in need of repaving. Proposed improvements consist of a combination of pavement repairs, subgrade compaction, grind and pave, crack seal, and slurry seal as determined through field assessment. The City does not have any utilities located within this road and will confirm any potential impacts with adjacent utility providers as part of project due diligence prior to paving.

COST SUMMARY:

Environmental Document	$ 0
Engineering	0
Right-of-Way Acquisition	0
Construction	60,000
Construction Inspections/Testing	5,000
Subtotal	65,000
Contingency	5,000
Total Estimate	**$70,000**

POTENTIAL FUNDING SOURCES:

Measure L Fund	$70,000

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

This project is anticipated to reduce annual maintenance and operational costs of Middletown Road for the estimated project services life of 10 years or more.

ALTERNATIVES:

Defer the project and risk further deterioration of the road and potential increase in claims.

Thompson Way Repaving (CIP #42206)

DESCRIPTION:

Thompson Way located in the City right of way and is a direct connection to Sierra School via Cedar Ravine Road. The road condition has deteriorated beyond maintenance and is in need of repaving. Proposed improvements consist of a combination of pavement repairs, subgrade compaction, grind and pave, crack seal, and slurry seal as determined through field assessment. The City will confirm any potential utility impacts with adjacent utility providers as part of project due diligence prior to paving.

COST SUMMARY:

Environmental Document	$ 0
Engineering	0
Right-of-Way Acquisition	0
Construction	120,000
Construction Inspections/Testing	10,000
Subtotal	130,000
Contingency	20,000
Total Estimate	**$150,000**

POTENTIAL FUNDING SOURCES:

Measure L Fund	$150,000

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

This project is anticipated to reduce annual maintenance and operational costs of Thompson Way for the estimated project services life of 10 years or more.

ALTERNATIVES:

Defer the project and risk further deterioration of the road and potential increase in claims.

Morrene Drive Repaving (CIP #42207)

DESCRIPTION:

Morrene Drive located in the City right of way and is a direct connection to Hocking Street and Mosquito Road and serves a significant City and County residents as a single point of access. The road condition has deteriorated beyond maintenance and is in need of repaving. Proposed improvements consist of a combination of pavement repairs, subgrade compaction, grind and pave, crack seal, and slurry seal as determined through field assessment. The City will confirm any potential impacts with adjacent utility providers as part of project due diligence prior to paving.

COST SUMMARY:

Environmental Document	$ 0
Engineering	0
Right-of-Way Acquisition	0
Construction	50,000
Construction Inspections/Testing	5,000
Subtotal	55,000
Contingency	5,000
Total Estimate	**$60,000**

POTENTIAL FUNDING SOURCES:

Road Maintenance and Rehabilitation Account	$60,000

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

This project is anticipated to reduce annual maintenance and operational costs of Morrene Drive for the estimated project services life of 10 years or more.

ALTERNATIVES:

Defer the project and risk further deterioration of the road and potential increase in claims.

Sherman Street Repaving (CIP #42208)

DESCRIPTION:

Sherman Street is located in the City right of way and is a direct connection to Sheridan Street, Turner Street, and Washington Street where Marshall Hospital is located. The road condition has deteriorated beyond maintenance and is in need of repaving. Proposed improvements consist of a combination of pavement repairs, subgrade compaction, grind and pave, crack seal, and slurry seal as determined through field assessment. The City will confirm any potential utility impacts with adjacent utility providers as part of project due diligence prior to paving.

COST SUMMARY:

Environmental Document	$ 0
Engineering	0
Right-of-Way Acquisition	0
Construction	40,000
Construction Inspections/Testing	5,000
Subtotal	45,000
Contingency	5,000
Total Estimate	**$50,000**

POTENTIAL FUNDING SOURCES:

Measure L Fund	$50,000

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

This project is anticipated to reduce annual maintenance and operational costs of Sherman Street for the estimated project services life of 10 years or more.

ALTERNATIVES:

Defer the project and risk further deterioration of the road and potential increase in claims.

US 50 Corridor Action Plan – Trip to Green Pilot (CIP #42209)

DESCRIPTION:

The City has been working with local and state partners to develop an action plan that would allow the signals on US Highway 50 to operate in green, allowing free flow of traffic on US Highway 50 for select weekends during peak season in the fall. This would allow the significant traffic impact to local roads to be mitigated in times of highway congestion. Additionally, the El Dorado County Transportation Commission has asked the City to be the lead agency in the coordination efforts. Staff efforts would support development of the action plan, public outreach, and oversight. Implementation funding will be supplied by an outside funding source not fully identified yet.

COST SUMMARY:

Staff Support Time	$25,000
Construction/Implementation*	0
Total Estimate	**$25,000**

POTENTIAL FUNDING SOURCES:

Traffic Impact Mitigation Fee Fund	$25,000

*Future implementation funding will come from other outside sources in order to complete the project.

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

Operational impacts will vastly improve flow for local traffic during peak season use of Highway 50, whereas previously, highway users utilized local roads as a US 50 Highway bypass to avoid the 3 signalized intersections at Bedford Avenue, Spring Street/US Highway 49, and Canal Street.

ALTERNATIVES:

Defer the project and risk further deterioration of the City's road network by increased volume of users.

US 50 WB Aux. Lane/Permanent Traffic Operational Improvements (CIP #42210)

DESCRIPTION:

The City has been working with local and state partners to develop an outreach effort to determine the community's readiness for a more permanent solution to US Highway 50 congestion including, but not limited to construction of a westbound auxiliary lane, super streets, and an elevated highway. Initial information has indicated the residents of the City of Placerville are indeed ready for a lasting and permanent solution to US Highway 50 congestion. These permanent improvements would address the traffic impact and congestion to the City as a result of highway users utilizing local roads as a bypass to the signals located at Bedford Avenue, Spring Street/US Highway 49, and Canal Street. Staff efforts include support and development of preliminary reports, studies, and public outreach. This is an initial request and additional unidentified future funding will be needed for this project and staff's efforts to support it.

COST SUMMARY:

Staff Support Time	$25,000
Construction *	0
Total Estimate	**$25,000**

POTENTIAL FUNDING SOURCES:

Traffic Impact Mitigation Fee Fund	$25,000

*Future construction funding will come from other outside sources in order to complete the project.

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

Operational impacts will vastly improve flow for local traffic during peak season use of Highway 50, whereas previously, highway users utilized local roads as a US 50 Highway bypass to avoid the 3 signalized intersections at Bedford Avenue, Spring Street/US Highway 49, and Canal Street.

ALTERNATIVES:

Defer the project and risk further deterioration of the City's road network by increased volume of users.

Cedar Ravine Culvert Replacement (CIP #42211)

DESCRIPTION:

The Cedar Ravine Culvert is located partially in City right of way and partially on private property from Pacific Street to its termini at the Clay Street Bridge. The age and condition of the culvert varies greatly and it is the direct conveyance of Cedar Ravine Creek into Hangtown Creek. Segments of the culvert also support the public sidewalk on private property from Pacific Street to Main Street as well as its crossing at Main Street, including the area adjacent to the Historic Druid Monument, the City parking lot at Clay Street, and a portion of the Clay Street Bridge southern abutment. The segment of the culvert adjacent to the bridge is slated for removal and reconstruction as part of the Clay Street Bridge project. However, during design of that project, the culvert was assessed and found to be in need of replacement. A segment of the top to the culvert was already replaced at Pacific Street when it became a serious public health and safety concern during the Pacific Street paving project. This project will analyze the culvert and develop lasting solutions for a full replacement to protect the Druid Monument, Main Street, and the public from future failure of this facility.

COST SUMMARY:

Environmental Document	$15,000
Engineering	10,000
Right-of-Way Acquisition	0
Construction	0
Construction Inspections/Testing	0
Total Estimate	**$25,000**

POTENTIAL FUNDING SOURCES:

Measure L Fund	$25,000

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

This project is anticipated to reduce annual maintenance and operational costs of Cedar Ravine Culvert for the estimated project services life of 50 years or more.

ALTERNATIVES:

Defer the project and risk further deterioration of the culvert, damage to Main Street, damage to Druid Monument, and potential risk to public health and safety.

Annual Storm Drain Compliance (CIP #42212)

DESCRIPTION:

The City of Placerville holds a Municipal Separate Storm Sewer System (MS4) Permit with the State of California and the permit has not only monitoring and programming requirements, but also physical improvements that are required to be implemented throughout the City's storm drain collection system. Examples include, but are not limited to, inlet markers, sand/oil separator structures, junction structures (i.e. Manholes, inlets, etc.), and other items required to keep the City in compliance with the permit. This project would provide an annual funding source for such items based on forecasted need.

COST SUMMARY:

Construction	$20,000
Total Estimate	**$20,000**

POTENTIAL FUNDING SOURCES:

Measure L Fund	$20,000

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

This project is anticipated to reduce potential for violations and fines from the State California as the enforcement agency for the City's MS4 Permit.

ALTERNATIVES:

Defer the project and risk further liability to violations and fines from the State.

Smith Flat Road Storm Drain and Paving (CIP #42213)

DESCRIPTION:

Smith Flat Road connects Broadway to Jacquier Road/Point View Drive and the existing condition has deteriorated beyond maintenance. There are also some storm drain facilities located within Smith Flat Road that need to be assessed and potentially repaired or replaced. The City will assess the utilities and recommend repairs and repaving of Smith Flat Road of the portion located within the City limits, including a recommended final construction funding plan.

COST SUMMARY:

Environmental Document/Permitting	$ 5,000
Engineering and Utility Assessment	50,000
Right-of-Way Acquisition/Permits to Enter and Construct	5,000
Construction*	140,000
Contingency*	0
Construction Inspection/Testing*	0
Total Estimate	**$200,000**

POTENTIAL FUNDING SOURCES:

Surface Transportation Block Grant	$200,000

*Future construction and inspection funding will be needed in order to complete the project.

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

Once constructed, this project will reduce annual maintenance and operational costs of Smith Flat Road for the estimated project services life of 25 years or more.

ALTERNATIVES:

Defer the project and risk further deterioration of the road and potential increase in claims.

Bedford Avenue Utilities and Repaving (CIP #42214)

DESCRIPTION:

Bedford Avenue is located in the City right of way and is a direct connection to US Highway 50 and northern City limits. The road condition has deteriorated and is in need of repaving. Proposed improvements consist of a combination of pavement repairs, subgrade compaction, grind and pave, crack seal, and slurry seal as determined through field assessment. The City will also assess and confirm any potential impacts with adjacent utility providers as part of project due diligence prior to paving. This request is for the initial scoping of the utility and paving project.

COST SUMMARY:

Environmental Document*	$ 0
Engineering/Utility Assessment	25,000
Right-of-Way Acquisition*	0
Construction*	0
Construction Inspections/Testing*	0
Total Estimate	**$25,000**

*Additional future funding will be needed to complete the project.

POTENTIAL FUNDING SOURCES:

Measure L Fund	$25,000

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

This project is anticipated to reduce annual maintenance and operational costs of Bedford Avenue for the estimated project services life of 10 years or more.

ALTERNATIVES:

Defer the project and risk further deterioration of the road and potential increase in claims.

Coloma Street Utilities and Repaving (CIP #42215)

DESCRIPTION:

Coloma Street is located in the City right of way and is a direct connection as an off-ramp from US Highway 50, Spring Street and US Highway 49. The road condition has deteriorated and is in need of repaving and there are concern related to failing utilities as well. Proposed improvements consist of a combination of pavement repairs, subgrade compaction, grind and pave, crack seal, and slurry seal as determined through field assessment as well as possible utility replacements. The City will assess and confirm any potential impacts with adjacent utility providers as part of project due diligence prior to paving. This request is for the initial scoping of the utility and paving project.

COST SUMMARY:

Environmental Document*	$ 0
Engineering/Utility Assessment	25,000
Right-of-Way Acquisition*	0
Construction*	0
Construction Inspections/Testing*	0
Total Estimate	**$25,000**

*Additional future funding will be needed in order to complete the project.

POTENTIAL FUNDING SOURCES:

Measure L Fund	$25,000

*Additional future funding will be needed in order to complete the project.

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

This project is anticipated to reduce annual maintenance and operational costs of Coloma Street for the estimated project services life of 15 years or more.

ALTERNATIVES:

Defer the project and risk further deterioration of the road and potential increase in claims.

Ronald Loop Utilities and Repaving (CIP #42216)

DESCRIPTION:

Ronald Loop is located in the City right of way and is a direct connection to Letita Avenue and Point View Drive. The road condition has deteriorated and is in need of repaving and there are concern related to failing utilities as well. Proposed improvements consist of a combination of pavement repairs, subgrade compaction, grind and pave, crack seal, and slurry seal as determined through field assessment as well as possible utility replacements. The City will assess and confirm any potential impacts with adjacent utility providers as part of project due diligence prior to paving. This request is for the initial scoping of the utility and paving project.

COST SUMMARY:

Environmental Document*	$ 0
Engineering/Utility Assessment	25,000
Right-of-Way Acquisition*	0
Construction*	0
Construction Inspections/Testing*	0
Total Estimate	**$25,000**

POTENTIAL FUNDING SOURCES:

Measure L Fund	$25,000

*Additional future funding is needed in order to complete the project.

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

This project is anticipated to reduce annual maintenance and operational costs of Ronald Loop for the estimated project services life of 15 years or more.

ALTERNATIVES:

Defer the project and risk further deterioration of the road and potential increase in claims.

Lewis Street Utilities and Paving (CIP #42217)

DESCRIPTION:

Lewis Street is located in the City right of way and is a direct connection to Pacific Street. The road condition has deteriorated and is in need of repaving and the deterioration is suspected to be caused by failing utilities. The Public Works Department has received numerous calls for service on this street over the years, and it's anticipated the scope of work will include a new water main, new sewer main, new storm drain facilities, and roadway paving.

COST SUMMARY:

Environmental Document	$ 1,000
Engineering and Survey	24,000
Right-of-Way Acquisition	0
Construction*	0
Construction Inspections/Testing*	0
Total Estimate	**$25,000**

POTENTIAL FUNDING SOURCES:

Measure L Fund	$25,000

*Additional future funding will be needed in order to complete the project.

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

This project is anticipated to reduce annual maintenance and operational costs of Lewis Street for the estimated project services life of 10 years or more.

ALTERNATIVES:

Defer the project and risk further deterioration of the road and potential increase in claims.

Clark Street Utilities and Paving (CIP #42218)

DESCRIPTION:

Clark Street is located in the City right of way and is a direct connection to Pacific Street and also serves as a direct connection to Rotary Park. The road condition has deteriorated and is in need of repaving, and the deterioration is suspected to be caused by failing utilities. The Public Works Department has received numerous calls for service on this street over the years and it's anticipated the scope of work will include a new water main, new sewer main, new storm drain facilities, and roadway paving.

COST SUMMARY:

Environmental Document	$ 1,000
Engineering and Survey	24,000
Right-of-Way Acquisition	0
Construction*	0
Construction Inspections/Testing*	0
Total Estimate	**$25,000**

POTENTIAL FUNDING SOURCES:

Measure L Fund	$25,000

*Additional future funding will be needed in order to complete the project.

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

This project is anticipated to reduce annual maintenance and operational costs of Clark Street for the estimated project services life of 10 years or more.

ALTERNATIVES:

Defer the project and risk further deterioration of the road and potential increase in claims.

Darlington Avenue Utilities and Paving (CIP #42219)

DESCRIPTION:

Darlington Avenue is located in the City right of way and is a direct connection to Cedar Ravine Road and also serves as a direct connection to several residential streets that depend on Darlington Avenue for utility service. The road condition has deteriorated and is in need of repaving and the deterioration is suspected to be caused by failing utilities. The Public Works Department has received numerous calls for service on this street over the years and it's anticipated the scope of work will include a new water main, new sewer main, new storm drain facilities, and roadway paving.

COST SUMMARY:

Environmental Document	$ 1,000
Engineering and Survey	24,000
Right-of-Way Acquisition	0
Construction*	0
Construction Inspections/Testing*	0
Total Estimate	**$25,000**

POTENTIAL FUNDING SOURCES:

Measure L Fund	$25,000

*Additional future funding will be needed in order to complete the project.

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

This project is anticipated to reduce annual maintenance and operational costs of Darlington Avenue for the estimated project services life of 10 years or more.

ALTERNATIVES:

Defer the project and risk further deterioration of the road and potential increase in claims.

Lead Water Service Replacement (CIP #42220)

DESCRIPTION:

Under California Health and Safety Code, Section 116885 all water systems were required to compile an inventory of known lead service lines, or lines of unknown material. The initial inventory consisted of approximately 400 that were suspected of possibly containing lead gooseneck fittings based on the model and style of curb stop used at the meter.

Some services on the original list have been replaced by Public Works Department staff in the course of repairing water leaks. Several more have been replaced as part of projects completed by the Engineering Dept. such as Pacific Street, Spring Street, and Mosquito Road. To date, only approximately 50% of the lines suspected of having lead goosenecks have actually contained them.

The Public Works Department and the Engineering Department are currently working together to replace water services which could possibly contain lead fittings as part of several larger projects.

In July of 2020, the City submitted a timeline for replacement of all lead service lines or fittings over the course of 10 years to the Water Board. This project is proposed to be reoccurring annually as needed to comply with that timeline.

It should also be noted that the City continues to monitor lead and copper levels as directed, in accordance with all EPA and State Water Board guidelines. Currently, the City is on a reduced monitoring plan based on historically low levels. The City also added 5 additional sites to our lead and copper sampling plan recently. All water system sampling data is reported annually in the Consumer Confidence Report.

COST SUMMARY:

Construction	$150,000
Subtotal	150,000
Total Estimate	**$150,000**

POTENTIAL FUNDING SOURCES:

Water Enterprise Fund	$111,594
Measure L Fund	38,406

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

Replacing aging water services could potentially save money on water lost from undetected leaks.

Alternatives:
Defer to a later date.

Conrad Street Water Main Replacement (CIP #42221)

DESCRIPTION:

Conrad Street connects to Coloma Street and Cottage Street, serving City residents on that road and beyond. This road possesses a number of utilities in need of repair and/or replacement, in particular, replacement of the public water distribution system. This project proposes to assess the existing water system, replace as needed, address the roadway, and other utilities as a whole. Project recommendations will be made in the future, including a construction funding plan.

COST SUMMARY:

Environmental Document*	$ 0
Engineering and Utility Assessment	25,000
Right-of-Way Acquisition*	0
Construction*	0
Inspection/Testing*	0
Total Estimate	**$25,000**

POTENTIAL FUNDING SOURCES:

Measure L Fund	$25,000

*Additional future funding will be needed in order to complete the project.

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

Once constructed, this project will reduce annual maintenance and operational costs of Conrad Street for the estimated project services life of 50 years or more.

ALTERNATIVES:

Defer the project and risk further deterioration of the road and potential increase in claims.

Cottage Street Water Main Replacement (CIP #42222)

DESCRIPTION:

Cottage Street connects to Conrad Street and Garden Street, serving City residents on that road and beyond. This road possesses a number of utilities in need of repair and/or replacement, in particular, replacement of the public water distribution system as it ties into the Spring Street system. This project proposes to assess the existing water system, replace as needed, address the roadway, and other utilities as a whole. Project recommendations will be made in the future, including a construction funding plan.

COST SUMMARY:

Environmental Document*	$ 0
Engineering and Utility Assessment	25,000
Right-of-Way Acquisition*	0
Construction*	0
Inspection/Testing*	0
Total Estimate	**$25,000**

POTENTIAL FUNDING SOURCES:

Measure L Fund	$25,000

*Additional future funding will be needed in order to complete the project.

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

Once constructed, this project will reduce annual maintenance and operational costs of Cottage Street for the estimated project services life of 50 years or more.

ALTERNATIVES:

Defer the project and risk further deterioration of the road and potential increase in claims.

Miller Way Sewer Line and Waterline Replacement (CIP #42223)

DESCRIPTION:

The City established a program to eliminate orangeburg pipe throughout its sewer collection system, named Nuisance Orangeburg Pipe Elimination (NOPE). Miller Way has been identified as a road that still utilizes orangeburg sewer mains that have far exceeded their useful service life. Recently, the Public Works Department has also been made aware of deficiencies in the water system as well. Miller Way connects to Locust Avenue and Clay Street and serves a large number of City residents. This project proposes to assess the roadway and utilities as a whole and return with a recommendation for a construction funding plan.

COST SUMMARY:

Environmental Document*	$ 0
Engineering and Utility Assessment	50,000
Right-of-Way Acquisition*	0
Construction*	0
Inspection/Testing*	0
Total Estimate	**$50,000**

POTENTIAL FUNDING SOURCES:

Sewer Enterprise Fund	$25,000
Measure L Fund	$25,000

*Additional future funding will be needed in order to complete the project.

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

Once constructed, this project will reduce annual maintenance and operational costs of Miller Way for the estimated project services life of 50 years or more.

ALTERNATIVES:

Defer the project and risk further deterioration of the road and potential increase in claims.

Giovanni Road Sewer Line Replacement (CIP #42224)

DESCRIPTION:

While the City was under construction with the Madrone and Giovanni lift stations, concerns related to an existing sewer collection system at Giovanni Road were brought to staff's attention, including a public main crossing private property without proper access or easements to access for maintenance. This project will assess the condition, make recommendations for replacement as needed, and obtain the necessary right of way as needed to maintain the City's public system.

COST SUMMARY:

Environmental Document*	$ 0
Engineering and Utility Assessment	10,000
Right-of-Way Acquisition*	15,000
Construction*	0
Inspection/Testing*	0
Total Estimate	**$25,000**

POTENTIAL FUNDING SOURCES:

Measure H Fund	$25,000

*Additional future funding will be needed in order to finish the project.

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

Once constructed, this project will reduce annual maintenance and operational costs of Giovanni Road sewer system for the estimated project services life of 50 years or more.

ALTERNATIVES:

Defer the project and risk further deterioration of the road and potential increase in claims.

Garden Loop Sewer Line Replacement (CIP #42225)

DESCRIPTION:

Garden Loop connects to Garden Street and ultimately Spring Street. This road possesses a number of utilities in need of repair and/or replacement, in particular, replacement of the failing public sewer system. This project proposes to assess the roadway and utilities as a whole and return with a recommendation for restoration of Garden Loop, including a construction funding plan.

COST SUMMARY:

Environmental Document*	$ 0
Engineering and Utility Assessment	25,000
Right-of-Way Acquisition*	0
Construction*	0
Inspection/Testing*	0
Total Estimate	**$25,000**

POTENTIAL FUNDING SOURCES:

Measure H Fund	$25,000

*Additional future funding will be needed in order to finish the project.

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

Once constructed, this project will reduce annual maintenance and operational costs of Garden Loop for the estimated project services life of 50 years or more.

ALTERNATIVES:

Defer the project and risk further deterioration of the road and potential increase in claims.

Myrtle Avenue Sewer Main Replacement (CIP #42226)

DESCRIPTION:

The City established a program to eliminate Orangeburg pipe throughout its sewer collection system, named Nuisance Orangeburg Pipe Elimination (NOPE). Myrtle Avenue has been identified as a road that still utilizes Orangeburg sewer mains that have far exceeded their useful service life. Myrtle Avenue connects to Canal Street and serves a large number of City residents. This road also possesses a number of utilities in need of repair and/or replacement, in particular, replacement of the failing public sewer system. This project proposes to assess the roadway and utilities as a whole and return with a recommendation for a construction funding plan.

COST SUMMARY:

Environmental Document*	$ 0
Engineering and Utility Assessment	25,000
Right-of-Way Acquisition*	0
Construction*	0
Inspection/Testing*	0
Total Estimate	**$25,000**

POTENTIAL FUNDING SOURCES:

Measure H Fund	$25,000

*Additional future funding will be needed in order to finish the project.

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

Once constructed, this project will reduce annual maintenance and operational costs of Myrtle Avenue for the estimated project services life of 50 years or more.

ALTERNATIVES:

Defer the project and risk further deterioration of the road and potential increase in claims.

Randolph Creek Sewer Main Replacement (CIP #42227)

DESCRIPTION:

There is an active sewer main located in the active water channel of Randolph Creek, directly behind 3000 Mosquito Road. This poorly supported sewer main serves residential and business connections in the nearby vicinity and in times of high water level, it becomes submerged, creating a pressurized collection system. This project proposes replacement of that system in a different location (possibly relocated into Mosquito Road and/or Broadway Court). This request is for initial funding to start investigations of services served and potential relocation options. Once the scope of the project is further developed, a project delivery funding plan will be prepared for consideration.

COST SUMMARY:

Environmental Document*	$ 0
Engineering and Utility Assessment	25,000
Right-of-Way Acquisition*	0
Construction*	0
Inspection/Testing*	0
Total Estimate	**$25,000**

POTENTIAL FUNDING SOURCES:

Sewer Enterprise Fund	$25,000

*Additional future funding will be needed in order to finish the project.

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

Once constructed, this project will reduce annual maintenance and operational costs of the sewer system that serves City businesses and residents that is currently located within Randolph Creek for the estimated project services life of 50 years or more.

ALTERNATIVES:

Defer the project and risk further deterioration of the road and potential increase in claims.

Carson Road Sewer Line Replacement (CIP #42228)

DESCRIPTION:

Carson Road connects to Broadway, over US Highway 50 and towards northern City limits and the Apple Hill area. This road possesses a number of utilities in need of repair and/or replacement, in particular, replacement of the public sewer system. This project proposes to assess the existing sewer system, replace segments as needed, roadway, and other utilities as a whole and return with a recommendation, including a construction funding plan.

COST SUMMARY:

Environmental Document*	$ 0
Engineering and Utility Assessment	25,000
Right-of-Way Acquisition*	0
Construction*	0
Inspection/Testing*	0
Total Estimate	**$25,000**

POTENTIAL FUNDING SOURCES:

Sewer Enterprise Fund	$25,000

*Additional future funding will be needed in order to complete the project.

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

Once constructed, this project will reduce annual maintenance and operational costs of Carson Road for the estimated project services life of 50 years or more.

ALTERNATIVES:

Defer the project and risk further deterioration of the road and potential increase in claims.

Mooney Parking Lot Repaving (CIP #42229)

DESCRIPTION:

The City parking lot located at 580 Main Street, serving the east end of Main Street, has reached an unacceptable condition of disrepair and is in need of repaving. This project will address the subgrade, paving, and site drainage conditions that have aided in the overall degradation of the lot's condition.

COST SUMMARY:

Environmental Document	$ 0
Engineering	0
Right-of-Way Acquisition	0
Construction	20,000
Inspection/Testing	
Subtotal	20,000
Contingency	0
Total Estimate	**$20,000**

POTENTIAL FUNDING SOURCES:

Downtown Parking District Fund	$20,000

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

This project is anticipated to reduce annual maintenance and operational costs of the Mooney parking lot and extend its service life beyond 10 years.

ALTERNATIVES:

Defer the project and risk further deterioration of the parking lot and potential increase in claims.

Aeration Basin Blower No. 2 Replacement (CIP #42230)

DESCRIPTION:

Aeration Basin Blowers are a major part of the Activated Sludge Process at the Hangtown Creek Water Reclamation Facility, (HCWRF). AS Blower No. 2 was part of the 1997 Facility upgrade at HCWRF. The blower has a twenty year work life expectancy and the unit is currently twenty five years old. The unit often experiences failure when ran for any extended period of time. Replacement of the unit is recommended along with updates to the control programs and repair damaged air lines from the AS Blowers to the Aeration Basins.

COST SUMMARY:

Construction	$120,000
Architecture/Engineering	10,000
Contingency	20,000
Total Estimate	**$150,000**

POTENTIAL FUNDING SOURCES:

Measure H Fund	$150,000

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

Replacing of AS Blower No. 2 will prevent future potential maintenance costs and disruption to the plant operations.

ALTERNATIVES:

Defer the project and risk deterioration of the treatment process and damage to the HCWRF.

Turbidity Meter Replacement (CIP #42231)

DESCRIPTION:

The Turbidity Meters support the tertiary process at Hangtown Creek Water Reclamation Facility, (HCWRF). Turbidity Meters measure the reflection of light off of particles in the wastewater, providing critical information regarding water cleanliness. These meters are also part of our General Order Permit with the State of California required monitoring system and without them we would be in violation of that order. The current turbidity meters and controllers were a part of the 2008 facility upgrade. They have been working nonstop since that time. Recently, the manufacture, HACH, has discontinued that model of controller and turbidity meter and within the next year, they will be unsupported. This project proposes to upgrade our controllers and turbidity meters to the next generation of controllers and meters before the current ones fail and there are no parts available to repair them. We also need to include a new laboratory benchtop turbidity meter and new benchtop spectrophotometer to support turbidity monitoring of the HCWRF. Both of these instruments are used to verify the inline field meters and the existing units are now obsolete and unsupported.

COST SUMMARY:

Construction*	$25,000
Contingency	0
Total Estimate	**$25,000**

POTENTIAL FUNDING SOURCES:

Measure H Fund	$25,000

*Additional future funding may be needed in order to complete the project.

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

Replacing the Controllers and Turbidity Meters will ensure that HCWRF stays General Order compliant for the current and next permit cycles. Maintenance costs should also remain low. These new units will also be on a factory service plan which ensures that they will be able to be certified and reportable to both State and Regional Water Quality Control Board.

ALTERNATIVES:

Defer the project and risk equipment failure, violations and fines from the RWQCB and risk deterioration of the treatment process.

Secondary Scum Pumps Replacement (CIP #42232)

DESCRIPTION:

The secondary scum pumps are a vital part of the secondary clarifier process at the Hangtown Creek Water Reclamation Facility, (HCWRF). These pumps were part of the 2008 Facility upgrade and they are intended to take the scum material from the top of the secondary clarifiers and pump it to the waste activated sludge, (WAS) holding tanks for further processing in the digesters. The existing pumps are progressive cavity pumps, designed to pump very thick and heavy material. The scum from the secondary clarifiers is mostly water and very light and therefore the current pumps do not work well in this application and getting them to work has been an ongoing maintenance concern for HCWRF staff. This project proposes to remove the existing progressive cavity pumps and a new pump manifold, base, and centrifugal type pump would be installed. The old control system can be retained. This upgrade will allow the secondary scum pumps to actually run as originally intended. The old progressive cavity pumps would be deemed surplus and can be sent to auction or salvaged and utilized elsewhere in the City.

COST SUMMARY:

Construction*	$25,000
Total Estimate	**$25,000**

POTENTIAL FUNDING SOURCES:

Measure H Fund	$25,000

*Additional funding may be needed in order to complete the project.

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

New Secondary Scum Pumps will prevent high future potential maintenance costs and high operational costs.

ALTERNATIVES:

Defer the project and you will increase both maintenance as well as operational cost. Progressive Cavity Pumps are also very expensive to repair or replace.

Belt Filter Press Building Improvements (CIP #42233)

DESCRIPTION:

The Belt Filter Press Building is a vital part of processing sludge at the Hangtown Creek Water Reclamation Facility, (HCWRF). It houses the two HCWRF's Belt Filter Presses. These two units dewater liquid sludge that is then hauled away and later used as soil enhancement at an offsite location. The building was part of the 1991 Facility Upgrade. Due to the dewatering process of the presses, gases are released to the atmosphere. These gases are extremely corrosive and have damaged the roof paneling and structure. The roof structure is metal girders which will need to be sand blasted and recoated or possibly replaced. The roof itself is over thirty years old and needs to be replaced. The air handling system needs to be upgraded as well with installation of Odor Control Unit due to newly constructed residential neighborhoods in the immediate area. The overhead crane and airline systems will also need to be rebuilt due to corrosion. The lighting fixtures need to be replaced due to corrosion. When repairs are completed the building should last until the next major upgrade, when it can be reassessed.

COST SUMMARY:

Construction	$120,000
Architecture/Engineering	10,000
Contingency	20,000
Total Estimate	**$150,000**

POTENTIAL FUNDING SOURCES:

Sewer Enterprise Fund	$150,000

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

Belt Filter Press Operational Improvements will prevent future potential maintenance costs, odors and the disruption to the plant operations

ALTERNATIVES:

Defer the project and risk deterioration of the treatment process and damage to the Hangtown Creek Water Reclamation Facility.

Waste Gas Flare Control System (CIP #42234)

DESCRIPTION:

The waste gas flare was part of the 2008 Hangtown Creek Water Reclamation Facility (HCWRF) upgrade. The waste gas flare is part of the sludge digestion system where unused Bio-Gas is burned off rather than released to the atmosphere. The original electronic controls that were installed never worked properly and were replaced two months after installation. The next set of controls has also been problematic and do not function correctly. The control panel has been worked on by the manufacturer and by ATEEM Electrical Engineering of Sacramento, CA. Both of these companies were not able to correct the current the problems. The control system needs to be replaced in order to make the waste gas flare function properly and in accordance with El Dorado County Air Quality Management District guidelines.

COST SUMMARY:

Construction*	$25,000
Total Estimate	**$25,000**

POTENTIAL FUNDING SOURCES:

Measure H Fund	$25,000

*Additional funding may be needed to complete the project.

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

Replacing of the Waste Gas Flare Control System will prevent future potential maintenance costs, disruption to the facility operations and possible El Dorado County Air Quality Management District, (AQMD) violations and fines.

ALTERNATIVES:

Defer the project and risk deterioration of the sludge treatment process and damage to the Hangtown Creek Water Reclamation facility as well as violations and possible fines from El Dorado County AQMD.

Secondary Clarifier No. 3 Drive Unit (CIP #42235)

DESCRIPTION:

Secondary Clarifier No. 3 Drive Unit supports the functions of Secondary Clarifier No. 3 and the secondary clarifier process at the Hangtown Creek Water Reclamation Facility, (HCWRF). Secondary clarifiers are a critical piece of equipment used as final settling basins before the water is sent for filtration and disinfection, separating the fluids from the solids in its process. The drive units move the clarifier sweep arms so that the settled material goes into a sump on the floor bottom where it can then be processed in a different part of the facility. Clarifier No. 3 was part of the 2008 upgrade and this particular upgrade has been challenging since. The drive unit will need to be inspected and possibly pulled out and sent in for machining and repairs.

COST SUMMARY:

Construction*	$25,000
Contingency	0
Total Estimate	**$25,000**

POTENTIAL FUNDING SOURCES:

Measure H Fund	$25,000

*Additional future funding may be needed in order to complete the project.

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

Repairing or rebuilding Secondary Clarifier #3 Drive Unit will prevent future potentially high maintenance costs and any disruption to facility operations.

ALTERNATIVES:

Defer the project and risk deterioration of the treatment process and damage to the Hangtown Creek Water Reclamation Facility.

Sewer and Water Rate Study (CIP #42236)

DESCRIPTION:

At its meeting held on February 13, 2018, the City Council approved a five year revenue program for sewer and water rates, including drought rates. The fifth year rate increase is scheduled to become effective June 16, 2022. In an effort to cover the rising costs of delivering safe and reliable sewer and water services to the Public, staff recommends that a new rate study be conducted to calculate the projected costs of providing services for the next five year period from June 16, 2023 to June 15, 2028. The cost of the project includes Public outreach, education, and at least one Public Workshop to discuss the proposed rates.

COST SUMMARY:

Consulting Services	$40,000
Architecture/Engineering	
Construction Administration, Observation &	
Materials Testing	
Subtotal	40,000
Project Management	5,000
Contingency	5,000
Total Estimate	**$50,000**

PROPOSED FUNDING SOURCES:

Water Enterprise Fund	$25,000
Sewer Enterprise Fund	$25,000

IMPACT ON ANNUAL MAINTENANCE AND OPERATION COSTS:

None.

ALTERNATIVES:

Defer the project to a future date.

City of Placerville
Proposed Capital Improvement Program Budget Summary
Fiscal Year 2021/2022

Project	PARSAC Flexible Spending Funds	Downtown Parking District Fund	RMRA	STBGP	TIM Fee Fund	Measure H Fund	Measure L Fund	Water Enterprise Fund	Sewer Enterprise Fund	Total Projected Cost
Building Permit Software (CIP #42201)	$ 72,600	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 72,600
Corporation Yard Revitalization (CIP #42202)	-	-	25,000	-	-	-	-	25,000	25,000	75,000
Dimity Lane Repaving (CIP #42203)	-	-	-	-	-	-	60,000	-	-	60,000
Coon Hollow Road Repaving (CIP #42204)	-	-	-	-	-	-	60,000	-	-	60,000
Middletown Road Repaving (CIP #42205)	-	-	-	-	-	-	70,000	-	-	70,000
Thompson Way Repaving (CIP #42206)	-	-	-	-	-	-	150,000	-	-	150,000
Morrene Drive Repaving (CIP #42207)	-	-	60,000	-	-	-	-	-	-	60,000
Sherman Street Repaving (CIP #42208)	-	-	-	-	-	-	50,000	-	-	50,000
US 50 Corridor Action Plan-Trip to Green Pilot (CIP #42209)	-	-	-	-	25,000	-	-	-	-	25,000
US 50 WB Aux. Lane/Permanent Traffic Operational Improvements (CIP #42210)	-	-	-	-	25,000	-	-	-	-	25,000
Cedar Ravine Culvert Replacement (CIP #42211)	-	-	-	-	-	-	25,000	-	-	25,000
Annual Storm Drain Compliance (CIP #42212)	-	-	-	-	-	-	20,000	-	-	20,000
Smith Flat Road Storm Drain and Paving (CIP #42213)	-	-	-	200,000	-	-	-	-	-	200,000
Bedford Avenue Utilities and Repaving (CIP #42214)	-	-	-	-	-	-	25,000	-	-	25,000
Coloma Street Utilities and Repaving (CIP #42215)	-	-	-	-	-	-	25,000	-	-	25,000
Ronald Loop Utilities and Repaving (CIP #42216)	-	-	-	-	-	-	25,000	-	-	25,000
Lewis Street Utilities and Paving (CIP #42217)	-	-	-	-	-	-	25,000	-	-	25,000
Clark Street Utilities and Paving (CIP #42218)	-	-	-	-	-	-	25,000	-	-	25,000
Darlington Avenue Utilities and Paving (CIP #42219)	-	-	-	-	-	-	25,000	-	-	25,000
Lead Water Service Replacement (CIP #42220)	-	-	-	-	-	-	38,406	111,594	-	150,000
Conrad Street Water Main Replacement (CIP #42221)	-	-	-	-	-	-	25,000	-	-	25,000
Cottage Street Water Main Replacement (CIP #42222)	-	-	-	-	-	-	25,000	-	-	25,000
Miller Way Sewer Line and Waterline Replacement (CIP #42223)	-	-	-	-	-	-	25,000		25,000	50,000
Giovanni Road Sewer Line Replacement (CIP	-	-	-	-	-	25,000	-	-	-	25,000
Garden Loop Sewer Line Replacement (CIP #42225)	-	-	-	-	-	25,000	-	-	-	25,000
Myrtle Avenue Sewer Main Replacement (CIP	-	-	-	-	-	25,000	-	-	-	25,000
Randolph Creek Sewer Main Replacement (CIP #42227)	-	-	-	-	-	-	-	-	25,000	25,000
Carson Road Sewer Line Replacement (CIP #42228)	-	-	-	-	-	-	-	-	25,000	25,000
Mooney Parking Lot Repaving (CIP #42229)	-	20,000	-	-	-	-	-	-	-	20,000
Aeration Basin Blower No. 2 Replacement (CIP	-	-	-	-	-	150,000	-	-	-	150,000
Turbidity Meter Replacement (CIP #42231)	-	-	-	-	-	25,000	-	-	-	25,000
Secondary Scum Pumps Replacement (CIP #42232)	-	-	-	-	-	25,000	-	-	-	25,000
Belt Filter Press Building Improvements (CIP #42233)	-	-	-	-	-	-	-	-	150,000	150,000
Waste Gas Flare Control System (CIP #42234)	-	-	-	-	-	25,000	-	-	-	25,000
Secondary Clarifier No. 3 Drive Unit (CIP #42235)	-	-	-	-	-	25,000	-	-	-	25,000
Sewer and Water Rate Study (CIP #42236)	-	-	-	-	-	-	-	25,000	25,000	50,000
Measure H Fund Construction Reserve	-	-	-	-	-	398,256	-	-	-	398,256
Measure L Fund Construction Reserve	-	-	-	-	-	-	837,214	-	-	837,214
Total	**$ 72,600**	**$ 20,000**	**$ 85,000**	**$200,000**	**$ 50,000**	**$723,256**	**$1,535,620**	**$161,594**	**$275,000**	**$ 3,123,070**