

**CITY OF**



**CAPITAL IMPROVEMENT PROGRAM**

**DECEMBER 2024**

# TABLE OF CONTENTS

<b>EXECUTIVE SUMMARY.....</b>	<b>1</b>
<b>INTRODUCTION.....</b>	<b>1</b>
<b>PROJECT COSTS.....</b>	<b>2</b>
<b>FUNDING SOURCES.....</b>	<b>2</b>
<b>PRIORITY PROJECTS WITH 5-YEAR FUNDING PROGRAM.....</b>	<b>4</b>
Spanish Street Rehabilitation .....	5
Sutter Hill Road Rehabilitation.....	7
Gopher Flat Road Widening & Rehabilitation.....	9
Fifield Alley / Keyes St. / Hayden Alley Road Rehabilitation.....	11
Solar Power at City Hall – Roof Option.....	13
Solar Power at Community Center.....	15
Auditorium – HVAC/Windows/Insulation.....	17
Knight’s Foundry Building Foundation Rehabilitation.....	19
Grammar School - HVAC.....	21
Grammar School – Floor/Window Repair.....	23
Monte Verde Museum - HVAC .....	25
Monte Verde Museum – Floor & Wall Rehabilitation.....	27
Minnie Provis Park – Playground Shade & Safety Surface.....	29
Bryson Park – Playground Shade & Safety Surface .....	31
Central Eureka Mine Walking Trail.....	33
New City Park – Land Acquisition.....	35
Restroom – 8’x8’ at Bryson Park.....	36
Police Car Fleet .....	38
Wastewater – Treatment Plant Upgrade .....	39
ARSA – Fresh Water Diversion.....	41
ARSA – Henderson Reservoir Under Drain Repair.....	43
ARSA – Henderson Reservoir Replace Pier/Catwalk .....	45
Wastewater – Clarifiers #2.....	47
Wastewater – E-Pump Rehab .....	49
Wastewater – Mechanical Screen Bar.....	51
Wastewater – Trickling Filter Tower .....	53
Infiltration and Inflow (I/I) Wastewater Collection Line Replacement.....	55
<b>APPENDIX A – ADDITIONAL DETAIL AND FUTURE PROJECTS.....</b>	<b>58</b>

# **APPENDIX A – ADDITIONAL DETAIL AND FUTURE PROJECTS**

## **TABLE OF CONTENTS**

<b>APPENDIX A – ADDITIONAL DETAIL AND FUTURE PROJECTS .....</b>	<b>58</b>
Marre Street Rehabilitation .....	59
Gold Dust Trail Rehabilitation .....	61
Greenstone Terrace Rehabilitation .....	63
Hanford Street Bicycle & Sidewalk Improvements .....	65
South Main Street Rehabilitation .....	67
Hanford Street Rehabilitation .....	69
* Spanish Street Rehabilitation .....	71
Patricia Lane Microsurfacing .....	73
Judy Drive Microsurfacing .....	75
* Sutter Hill Road Rehabilitation .....	77
Old Ridge Road Rehabilitation .....	79
Church Street Rehabilitation .....	81
Badger Street Road Rehabilitation .....	83
Gopher Flat Road Rehabilitation .....	85
* Gopher Flat Road Widening & Rehabilitation .....	87
Gopher Flat Road Rehabilitation .....	89
Valley View Rehabilitation .....	91
Bowers Drive Rehabilitation .....	93
* Fifield Alley / Keyes St. / Hayden Alley Rehabilitation .....	95
Main St. Sidewalk Replacement – Loc #1 .....	97
Main St. Sidewalk Replacement – Loc #2 .....	99
Main St. Sidewalk Replacement – Loc #3 .....	101
Main St. Sidewalk Replacement – Loc #4 .....	103
Main St. Sidewalk Replacement – Loc #5 .....	105
Concrete Walking Path .....	107
Restroom–10’x24’ at Boitano Parking Lot .....	109
* Solar Power at City Hall – Roof Option .....	111
Solar Power at City Hall – Parking Lot with Carports .....	113
* Solar Power at Community Center .....	115
Street Lights on Main Street .....	117
Gateway Improvement Project .....	119
Johnson Property Trail .....	121
* Central Eureka Mine Walking Trail .....	123
Additional City Parking Lot .....	125
* Restroom – 8’x8’ at Bryson Park .....	127
New City Hall .....	129
MINNIE PROVIS PARK – PAVER INSTALLATION .....	131
SUTTER CREEK/AMADOR CITY BICYCLE/PEDESTRIAN PROJECT .....	132
* KNIGHTS FOUNDRY BUILDING FOUNDATION REHABILITATION .....	133
* MONTE VERDE STORE – FLOOR & WALL REMODEL .....	134
* MONTE VERDE STORE – NEW HVAC .....	135

* GRAMMAR SCHOOL – NEW HVAC & WINDOWS .....	136
DRAINAGE STUDY AT BRYSON PARK/MOBILE HOME PARK.....	138
Drainage Improvements at Intersection of Badger/Spanish St.....	139
DRAINAGE IMPROVEMENTS AT THE INTERSECTION OF BADGERT STREET AND SPANISH STREET .....	141
DRAINAGE IMPROVEMENTS AT KARSAN ROAD.....	142
DRAINAGE IMPROVEMENTS AT 310 GOPHER FLAT ROAD .....	143
SPANISH STREET DRAINAGE INLET REPLACEMENT .....	144
DRAINAGE IMPROVEMENTS AT 154 TO 180 BADGERT STREET .....	145
<b>Completed Projects.....</b>	<b>146</b>
Oro Madre Way Overlay.....	147
Eureka Road Overlay.....	149

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## **EXECUTIVE SUMMARY**

A Capital Improvement Plan (CIP) is a 5-year City wide plan that invests critical resources to valuable assets including roads, sidewalks, drainage and miscellaneous improvements. CIPs typically provide key information for each project, including how the project was identified, a work description, anticipated costs, potential funding, and a delivery schedule.

The CIP identifies current and future capital improvements and other large-scale purchases over a 5-year time-frame. The goal of the CIP is to create a blueprint of the projected infrastructure improvement needs of the City of Sutter Creek to assist in planning and budgeting process. It is intended to achieve the following goals;

1. Systematic evaluation of all potential projects at the same time.
2. Framework by which the City Council can focus on improving the City of Sutter Creek's infrastructure while ensuring the efficient use of public funds.
3. Aligns planned capital projects with the city's strategic plan.

## **INTRODUCTION**

The City Engineers office prepared the CIP over the last 18 months at the direction of the City Manager. Project scopes and cost estimates were established based on industry standards for similar projects, including but not limited to recent public works projects the City has had performed.

The City has an abundance of project needs. The City is not unique in this situation; infrastructure is a significant challenge across the country. Almost all cities/counties have some aged infrastructure. Some are more committed to maintaining it than others, but many communities are falling behind.

The City of Sutter Creek historically has focused on paved roads. They have made infrastructure improvements typically when grant funds are received. With the limited funding, a backlog of maintenance and improvements has been created. This CIP shows a short list of projects that could potentially be funded in the next five years and then a longer, separate backlog of projects that are unfunded.

The Capital Improvement Plan spans 5-years from FY25/26 to FY29/28. While the CIP shows the long term plan, nothing is committed until the City Council reviews and approves the individual projects, holds public hearings, makes recommendations, and votes on the capital budget in conjunction with the City's Annual Operating Budget.

## **PROJECT COSTS**

The estimated project costs are located in Table 1 below.

**Table 1: Project Costs by Project Type**

<b>PROJECT TYPE</b>	<b>TOTAL COST</b>
Street/sidewalk	\$4,627,105
Facilities	\$700,000
Parks	\$2,407,500
Public Safety	\$74,000
Wastewater	\$33,667,000

## **FUNDING SOURCES**

Infrastructure can be funded via a variety of sources. Typical sources include State sources like SB1 and Active Transportation Program (ATP) grants, debt financing through bonds, and development impact fees. Enterprise fees are dedicated to solely to uses within that category. Sutter Creek recently did a wastewater rate study, which determines funding of the wastewater capital reserve to fund sewer related projects. Wastewater funds also include our existing enterprise fund reserve, wholesale customer revenue, debt financing, grants connection fees, and additional contributions from developers.

General fund resources have not typically been dedicated to major infrastructure projects. However, the local sales tax has passed and Council has committed to spending a major portion of the new tax on roads and infrastructure. The five-year plan assumes 75% of \$580,000 in the first year of the new local sales tax revenue will go towards local streets otherwise not eligible for street funding from ACTC. ACTC typically only pays for major arterials.

For most cities, developer impact fees are a major source of capital improvements. New developments can be assessed fees which can only be used for capital investment. Sutter Creek has impact fees for streets, parks, city facilities, police and fire. The five-year plan assumes that 150 new homes will be constructed within five years, generating significant impact fees.

**If the development does not occur, the timelines of the projects will need to be delayed.**

If more development occurs, impact fees will be used to tackle key projects listed in the backlog. NOTE: The city is engaged in a new nexus study and several past impact fees are being combined into a single new fee – for example separate fees for city facilities are grouped into a single city facility fee.

Grants will be leveraged as much as possible. Priority projects with undetermined funding show that amount as “unsecured funds”. It is the intention that grants will be fund to complete the needed funding.

2% annual increases are assumed in impact fees and sales tax.

**Table 2: Available Funds by Project Type**

<b>AVAILABLE FUNDS</b>	<b>Total</b>
<b>General Fund</b>	-
<b>Unsecured Funds/Grants (without Wastewater)</b>	\$1,553,175
<b>Street Enterprise Fund</b>	\$3,282,138
<b>Police Impact fee</b>	\$240,905
<b>Local Parks Reserve</b>	\$2,382,531
<b>City Facility Reserve</b>	\$516,810
<b>Wastewater Funds</b>	\$46,846,157

The difference between costs and available funds represents the funding gap of unsecured funds that must be sought out from other sources such as grants. We assume there is no debt for these projects, because the city's debt capacity must be reserved for the wastewater treatment plant.

The wastewater plan assumed \$19M in grants and developer contributions in addition to \$25M in debt financing.

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# PRIORITY CIP PROJECTS

With 5-year Funding Program

# Spanish Street Rehabilitation

## Description

This project will rehabilitate the existing roadway which consists of an asphalt concrete overlay and drainage improvements from North Amelia to Main Street. Additive Alternate #1 will add a new sidewalk on the east side of the road only.

## Project Justification

This project will enhance pedestrian and vehicular traffic. The Pavement Management Program Report – Pavement Condition Index (PCI) = 34-44. . It is a secondary evacuation route if Main street is blocked. Street condition is very poor and it is a safe route to school.

Additional detail on costs on page 69

## Notes

	Street Rehabilitation Costs Only	Additive Alternate #1 Cost
Surveying	\$ 20,000	\$ 5,250
Engineering	\$ 40,000	\$ 10,500
Construction	\$ 480,000	\$ 126,000
Construction Management	\$ 60,000	\$ 15,750
<b>Total</b>	<b>\$ 600,000</b>	<b>\$ 157,500</b>

## Estimated Project Costs

Type of Expenditure	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Surveying	-	-	25,250	-	-	-	-	<b>25,250</b>
Preliminary Engineering	-	-	50,500	-	-	-	-	<b>50,500</b>
Environmental	-	-	-	-	-	-	-	-
Right of Way	-	-	-	-	-	-	-	-
Construction Management	-	-	-	75,750	-	-	-	<b>75,750</b>
Construction	-	-	-	606,000	-	-	-	<b>606,000</b>
<b>Total Capital Costs</b>	-	-	<b>75,750</b>	<b>681,750</b>	-	-	-	<b>757,500</b>

## Method(s) of Financing

Type of Funds	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
General Fund	-	-	-	-	-	-	-	-
Unsecured Fund (Grants)	-	-	-	-	-	-	-	-
Police Capital Impact Fees	-	-	-	-	-	-	-	-
Parks Impact Fees	-	-	-	-	-	-	-	-
City Facility Impact Fees	-	-	-	-	-	-	-	-
Street Impact Fees	-	-	-	43,000	-	-	-	<b>43,000</b>
Local Sales Tax	-	25,250	315,000	374,250	-	-	-	<b>714,500</b>
<b>Total Program Financing</b>	-	<b>25,250</b>	<b>315,000</b>	<b>417,250</b>	-	-	-	<b>757,500</b>

# Spanish Street Rehabilitation

## Project Location Map



## Sutter Hill Road Rehabilitation

### Description

This project will rehabilitate the existing roadway which consists of an asphalt concrete overlay and drainage improvements from Main Street to Eureka Road.

### Project Justification

This project will enhance vehicular traffic. It is a highly travelled access point to/from the city and the pavement condition is poor.

Additional detail on costs on page 75

### Notes

### Estimated Project Costs

Type of Expenditure	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Surveying	-	23,500	-	-	-	-	-	23,500
Preliminary Engineering	-	46,500	-	-	-	-	-	46,500
Environmental	-	-	-	-	-	-	-	-
Right of Way	-	-	-	-	-	-	-	-
Construction Management	-	-	70,000	-	-	-	-	70,000
Construction	-	-	563,125	-	-	-	-	563,125
<b>Total Capital Costs</b>	-	<b>70,000</b>	<b>633,125</b>	-	-	-	-	<b>703,125</b>

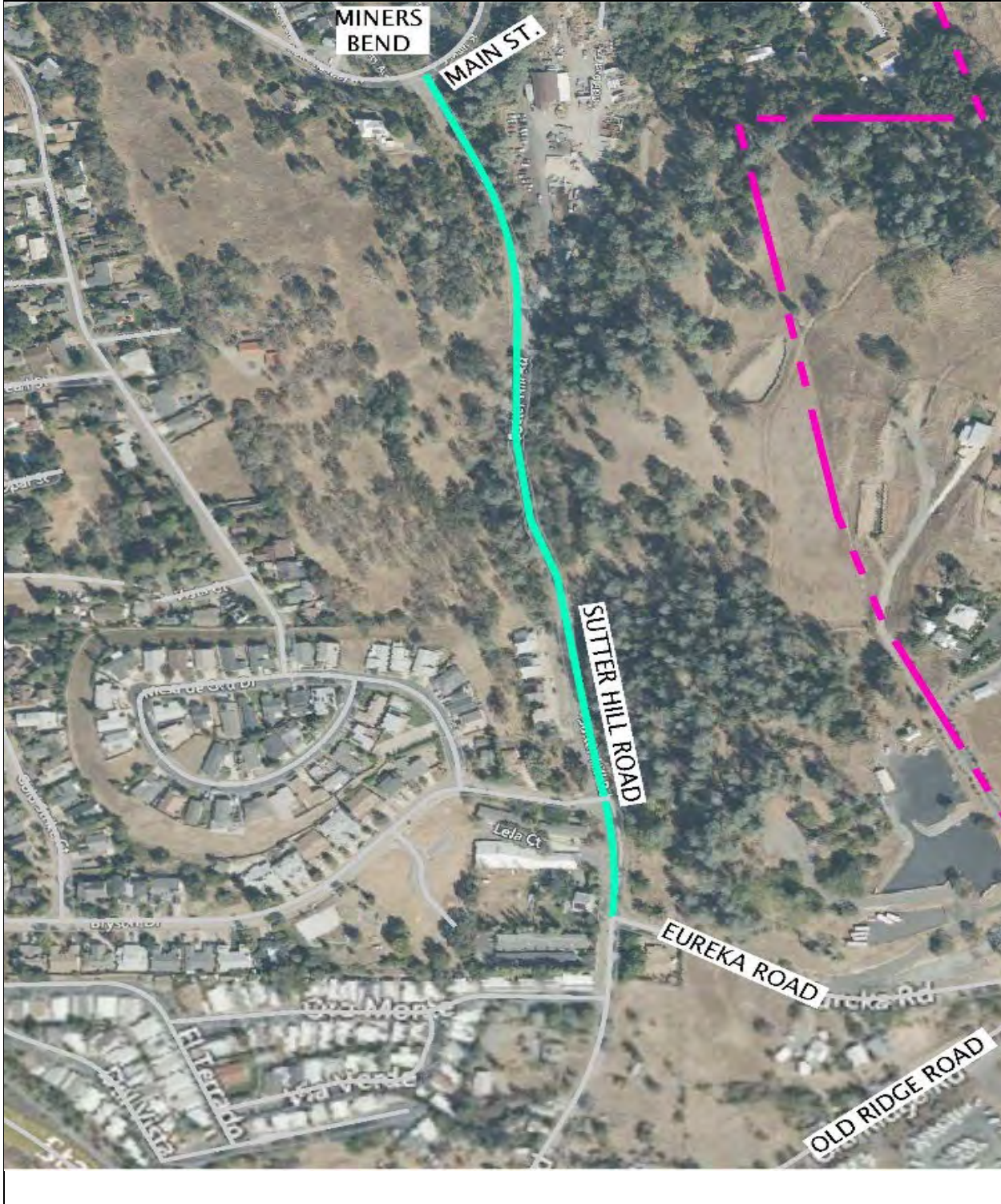
### Method(s) of Financing

Type of Funds	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
General Fund	-	-	-	-	-	-	-	-
Unsecured Fund (Grants)	-	-	-	-	-	-	-	-
Police Capital Impact Fees	-	-	-	-	-	-	-	-
Parks Impact Fees	-	-	-	-	-	-	-	-
City Facility Impact Fees	-	-	-	-	-	-	-	-
Street Impact Fees	-	26,000	53,000	-	-	-	-	79,000
Local Sales Tax	-	514,000	110,125	-	-	-	-	624,125

Total Program Financing	-	540,000	163,125	-	-	-	-	703,125
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## Sutter Hill Road Rehabilitation

### Project Location Map



## Gopher Flat Road Widening & Rehabilitation – Cole to 248 Gopher Flat

### Description

Install curb, gutter and sidewalk and widen existing roadway to City Standards. Also rehabilitate the existing roadway which includes an asphalt concrete overlay, drainage and ADA improvements. This project will be completed in five years only if we can get a grant for \$1.4M

### Project Justification

This project will enhance pedestrian and vehicular traffic. This project was identified by Table 3.14 of the Circulation Element (Project ID MM-1). While there are few accidents on the road, it is considered “unsafe” by residents. It is narrow without sidewalks

Additional detail on costs on page 85

### Notes

### Estimated Project Costs

Type of Expenditure	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Surveying	-	-	-	-	-	89,000	-	<b>89,000</b>
Preliminary Engineering	-	-	-	-	-	178,000	-	<b>178,000</b>
Environmental	-	-	-	-	-	50,000	-	<b>50,000</b>
Right of Way	-	-	-	-	-	50,000	-	<b>50,000</b>
Construction Management	-	-	-	-	-	267,000	-	<b>267,000</b>
Construction	-	-	-	-	-	2,138,175	-	<b>2,138,175</b>
<b>Total Capital Costs</b>	-	-	-	-	-	<b>2,772,175</b>	-	<b>2,772,175</b>

### Method(s) of Financing

Type of Funds	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
General Fund	-	-	-	-	-	-	-	-
Unsecured Fund (Grants)	-	-	-	-	-	1,363,175	-	<b>1,363,175</b>
Police Capital Impact Fees	-	-	-	-	-	-	-	-
Parks Impact Fees	-	-	-	-	-	-	-	-
City Facility Impact Fees	-	-	-	-	-	-	-	-
Street Impact Fees	-	-	-	82,000	393,000	195,000	-	<b>670,000</b>
Local Sales Tax	-	-	-	-	-	739,000	-	<b>739,000</b>
<b>Total Program Financing</b>	-	-	-	<b>82,000</b>	<b>393,000</b>	<b>2,772,175</b>	-	<b>2,772,175</b>

# Gopher Flat Road Rehabilitation

## Project Location Map



## Fifield Alley / Keyes St. / Hayden Alley Road Rehabilitation

### Description

This project will rehabilitate the existing roadway which consists of an asphalt concrete overlay and drainage improvements on side streets. Approx 1,100 linear feet of road and drainage improvements.

### Project Justification

This project will enhance pedestrian and vehicular traffic, roads are near failing. A planned bike/ped route to Amador City will use the alleys to get to Spanish Street.

Additional detail on costs on page 93

### Notes

### Estimated Project Costs

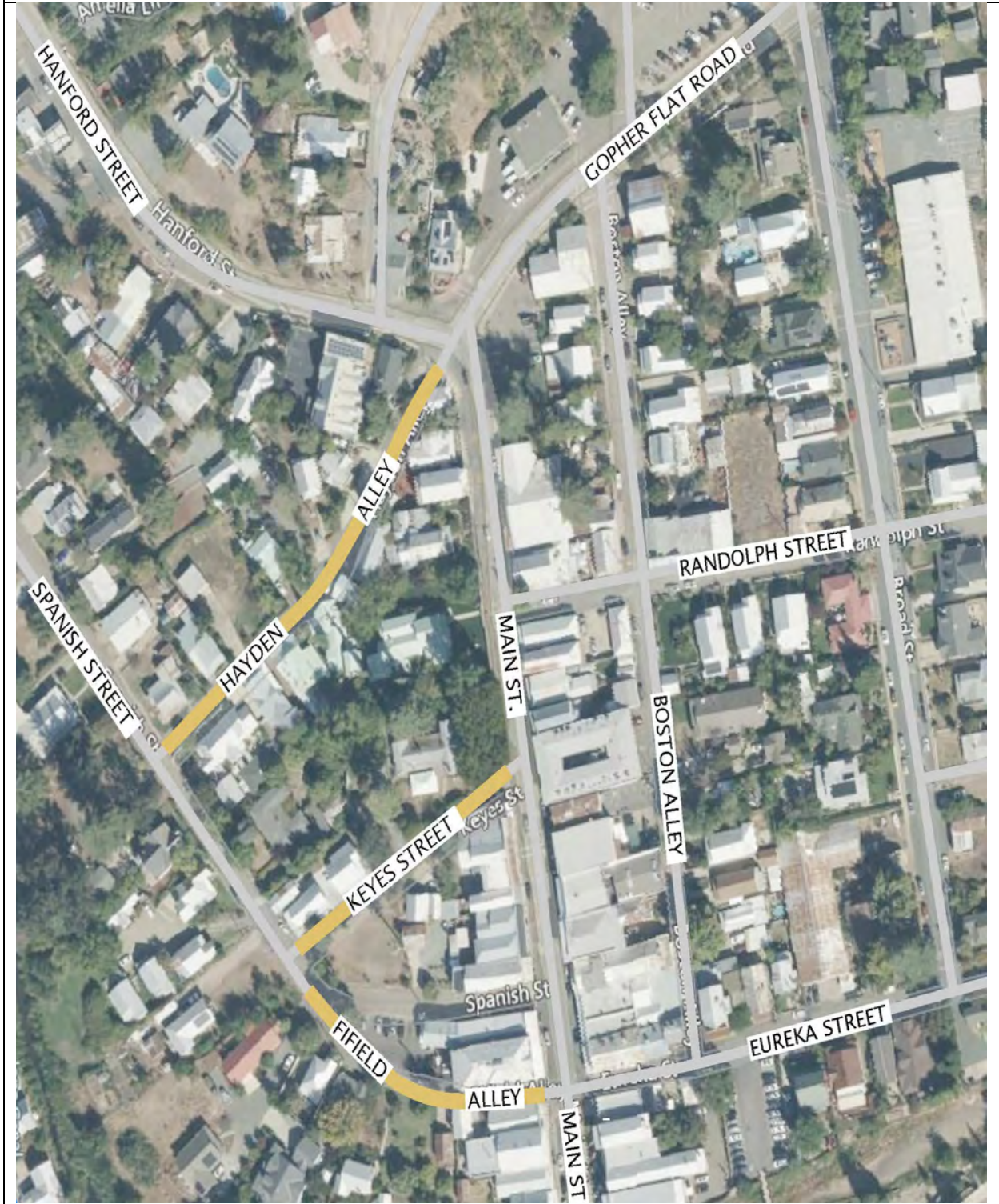
Type of Expenditure	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Surveying	-	-	-	13,500	-	-	-	13,500
Preliminary Engineering	-	-	-	26,500	-	-	-	26,500
Environmental	-	-	-	-	-	-	-	-
Right of Way	-	-	-	-	-	-	-	-
Construction Management	-	-	-	-	40,500	-	-	40,500
Construction	-	-	-	-	324,950	-	-	324,950
<b>Total Capital Costs</b>	-	-	-	<b>40,000</b>	<b>365,450</b>	-	-	<b>405,450</b>

### Method(s) of Financing

Type of Funds	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
General Fund	-	-	-	-	-	-	-	-
Unsecured Fund (Grants)	-	-	-	-	-	-	-	-
Police Capital Impact Fees	-	-	-	-	-	-	-	-
Parks Impact Fees	-	-	-	-	-	-	-	-
City Facility Impact Fees	-	-	-	-	-	-	-	-
Street Impact Fees	-	-	-	65,450	-	-	-	65,450
Local Sales Tax	-	13,500	26,500	-	300,000	-	-	340,000
<b>Total Program Financing</b>	-	<b>13,500</b>	<b>26,500</b>	<b>65,450</b>	<b>300,000</b>	-	-	<b>405,450</b>

# Fifield Alley / Keys St. / Hayden Alley Road Rehabilitation

## Project Location Map



## Solar Power at City Hall – Roof Option

### Description

Lease with solar company to install solar panels on City Hall Roof to offset power usage at City Hall. Need a subsidy of \$112,500.

### Project Justification

ROI from lower electrical costs is expected to pay for the project in 7-10 years. These projects will only be undertaken if either on bill financing or impact fees are available, and the ROI is clear. Solar and batter storage could be financed as part of the wastewater project as well

Additional detail on costs on page 109

### Notes

### Estimated Project Costs

Type of Expenditure	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Surveying	-	-	-	-	-	-	-	-
Preliminary Engineering	-	-	-	-	-	7,500	-	7,500
Environmental	-	-	-	-	-	-	-	-
Right of Way	-	-	-	-	-	-	-	-
Construction Management	-	-	-	-	-	7,500	-	7,500
Construction	-	-	-	-	-	270,000	-	270,000
<b>Total Capital Costs</b>	-	-	-	-	-	<b>285,000</b>	-	<b>285,000</b>

### Method(s) of Financing

Type of Funds	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
General Fund	-	-	-	-	-	-	-	-
Unsecured Fund (Grants)	-	-	-	-	-	112,500	-	112,500
Police Capital Impact Fees	-	-	-	-	-	-	-	-
Parks Impact Fees	-	-	-	-	-	-	-	-
City Facility Impact Fees	-	-	-	-	37,500	135,000	-	172,500
Street Impact Fees	-	-	-	-	-	-	-	-
Local Sales Tax	-	-	-	-	-	-	-	-

Total Program Financing	-	-	-	-	37,500	247,500	-	285,000
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### Solar Power at City Hall – Roof Option

#### Project Location Map



## Solar Power at Community Center

### Description

Lease with solar company to install solar panels on City Community Center Roof to offset power usage at City Community Center. This project requires a subsidy of \$77,500

### Project Justification

ROI from lower electrical costs is expected to pay for the project in 7-10 years These projects will only be undertaken if either onbill financing or impact fees are available and the ROI is clear.

Additional detail on costs on page 113

### Notes

### Estimated Project Costs

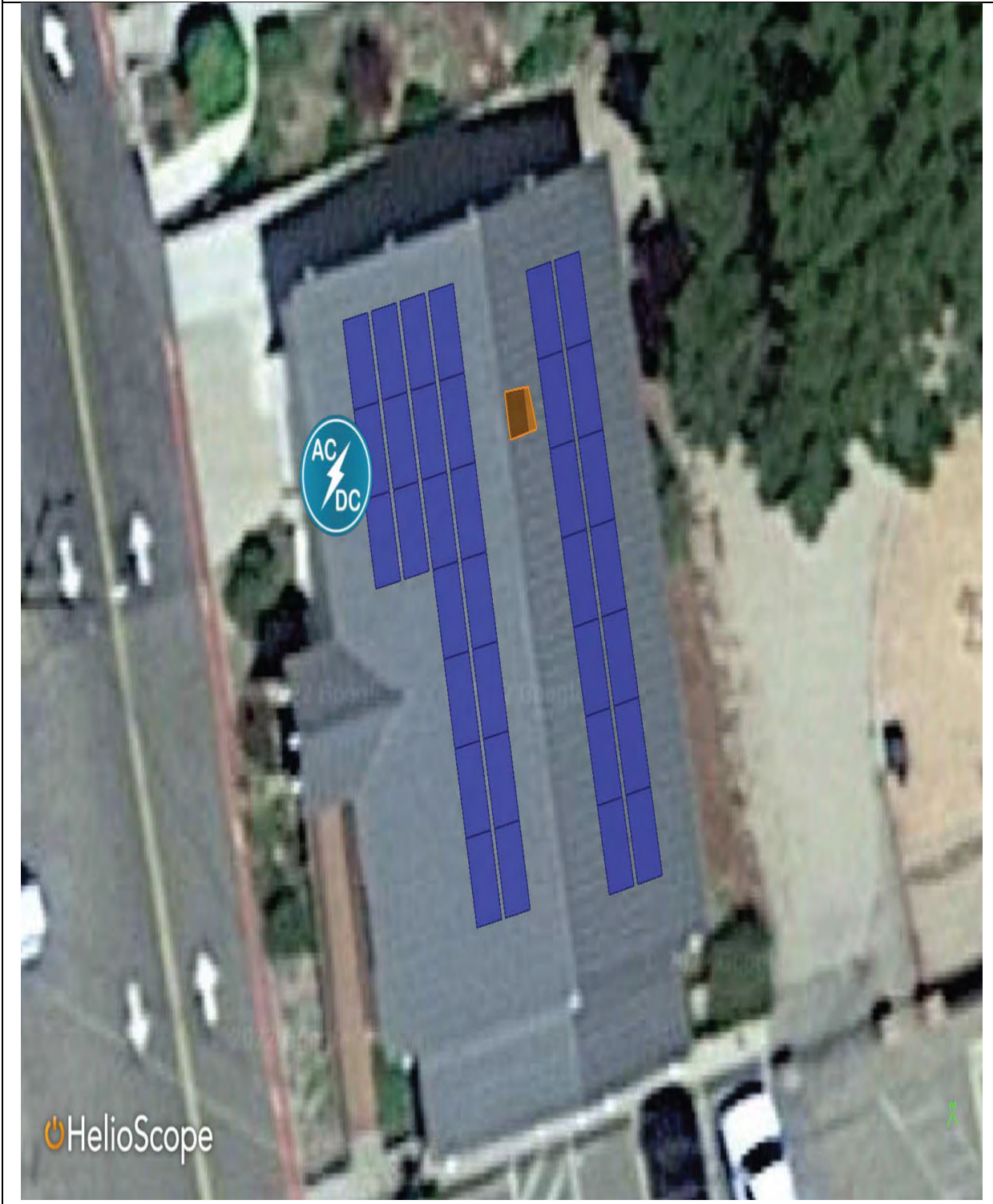
Type of Expenditure	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Surveying	-	-	-	-	-	-	-	-
Preliminary Engineering	-	-	-	-	-	7,500		7,500
Environmental	-	-	-	-	-	-		-
Right of Way	-	-	-	-	-	-		-
Construction Management	-	-	-	-	-	7,500		7,500
Construction	-	-	-	-	-	235,000		235,000
<b>Total Capital Costs</b>	-	-	-	-	-	<b>250,000</b>		<b>250,000</b>

### Method(s) of Financing

Type of Funds	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
General Fund	-	-	-	-	-	-	-	-
Unsecured Fund (Grants)	-	-	-	-	-	77,500	-	77,500
Police Capital Impact Fees	-	-	-	-	-	-	-	-
Parks Impact Fees	-	-	-	-	-	-	-	-
City Facility Impact Fees	-	-	-	-	37,500	135,000	-	172,500
Street Impact Fees	-	-	-	-	-	-	-	-
Local Sales Tax	-	-	-	-	-	-	-	-
<b>Total Program Financing</b>	-	-	-	-	<b>37,500</b>	<b>212,500</b>	-	<b>250,000</b>

# Solar Power at Community Center

## Project Location Map



## Auditorium – HVAC/Windows/Insulation

### Description

Replace the swamp cooler with an HVAC system and upgrade window/insulation for energy efficiency.

### Project Justification

This project is expected to have an ROI of 7 – 10 years in decreased electrical bills. It is currently the top city facility in terms of usage of electricity and gas.

### Notes

### Estimated Project Costs

Type of Expenditure	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Surveying	-	-	-	-	-	-	-	-
Preliminary Engineering	-	-	-	15,000	-	-	-	15,000
Environmental	-	-	-	-	-	-	-	-
Right of Way	-	-	-	-	-	-	-	-
Construction Management	-	-	-	-	15,000	-	-	15,000
Construction	-	-	-	-	135,000	-	-	135,000
<b>Total Capital Costs</b>	-	-	-	15,000	150,000	-	-	165,000

### Method(s) of Financing

Type of Funds	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
General Fund	-	-	-	-	-	-	-	-
Unsecured Fund (Grants)	-	-	-	-	-	-	-	-
Police Capital Impact Fees	-	-	-	-	-	-	-	-
Parks Impact Fees	-	-	-	-	-	-	-	-
City Facility Impact Fees	-	15,000	30,000	60,000	60,000	-	-	165,000
Street Impact Fees	-	-	-	-	-	-	-	-
Local Sales Tax	-	-	-	-	-	-	-	-
<b>Total Program Financing</b>	-	15,000	30,000	60,000	60,000	-	-	165,000

# Auditorium – HVAC/Windows/Insulation

## Project Location Map



## Knight's Foundry Building Foundation Rehabilitation

### Description

Install rock slope protection and fabric underneath two (2) existing Knight's Foundry Buildings adjacent to Sutter Creek to protect the building's foundation.

### Project Justification

Recent floods have eroded the creek threatened this historic, city-owned buildings. The Knight Foundry foundation will be approached to help with costs on the project if impact fees are not available. Museums are eligible for Parks impact fees.

Additional detail on costs on page 131

### Notes

### Estimated Project Costs

Type of Expenditure	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Surveying	-	1,000	-	-	-	-	-	1,000
Preliminary Engineering	-	2,000	-	-	-	-	-	2,000
Environmental	-	-	-	-	-	-	-	-
Right of Way	-	-	-	-	-	-	-	-
Construction Management	-	-	3,000	-	-	-	-	3,000
Construction	-	-	24,000	-	-	-	-	24,000
<b>Total Capital Costs</b>	-	<b>3,000</b>	<b>27,000</b>	-	-	-	-	<b>30,000</b>

### Method(s) of Financing

Type of Funds	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
General Fund	-	-	-	-	-	-	-	-
Unsecured Fund (Grants)	-	-	-	-	-	-	-	-
Police Capital Impact Fees	-	-	-	-	-	-	-	-
Parks Impact Fees	-	3,000	27,000	-	-	-	-	30,000
City Facility Impact Fees	-	-	-	-	-	-	-	-
Street Impact Fees	-	-	-	-	-	-	-	-
Local Sales Tax	-	-	-	-	-	-	-	-
<b>Total Program Financing</b>	-	<b>3,000</b>	<b>27,000</b>	-	-	-	-	<b>30,000</b>

# Knight's Foundry Foundation Building Rehabilitation

## Project Location Map



## Grammar School - Energy Improvements

### Description

Electrify the building with investments in a new heating and cooling system and energy efficient windows.

### Project Justification

The City expects to work with the ACUSD to transfer ownership of the property to the City in 2025. The HVAC is failing. Energy improvements will be taken on if there is a clear ROI in the the 7-10 year time frame. Community Centers are eligible to use park impact fees.

Additional detail on costs on page 134

### Notes

### Estimated Project Costs

Type of Expenditure	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Surveying	-	-	-	-	-	-	-	-
Preliminary Engineering	-	-	-	-	5,000	-	-	5,000
Environmental	-	-	-	-	-	-	-	-
Right of Way	-	-	-	-	-	-	-	-
Construction Management	-	-	-	-	5,000	-	-	5,000
Construction	-	-	-	-	90,000	-	-	90,000
<b>Total Capital Costs</b>	-	-	-	-	<b>100,000</b>	-	-	<b>100,000</b>

### Method(s) of Financing

Type of Funds	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
General Fund	-	-	-	-	-	-	-	-
Unsecured Fund (Grants)	-	-	-	-	-	-	-	-
Police Capital Impact Fees	-	-	-	-	-	-	-	-
Parks Impact Fees	-	-	-	-	100,000	-	-	100,000
City Facility Impact Fees	-	-	-	-	-	-	-	-
Street Impact Fees	-	-	-	-	-	-	-	-
Local Sales Tax	-	-	-	-	-	-	-	-
<b>Total Program Financing</b>	-	-	-	-	<b>100,000</b>	-	-	<b>100,000</b>

Grammar School - HVAC

Project Location Map



## Grammar School - Floor/Window Remodeling

### Description

Capital improvements to remodel this historic building and community center

### Project Justification

Enable increased usage of the building for additional uses, ensure structural integrity and energy efficiency.

### Notes

### Estimated Project Costs

Type of Expenditure	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Surveying	-	-	-	-	-	-	-	-
Preliminary Engineering	-	-	-	-	25,000	-	-	25,000
Environmental	-	-	-	-	-	-	-	-
Right of Way	-	-	-	-	-	-	-	-
Construction Management	-	-	-	-	-	25,000	-	25,000
Construction	-	-	-	-	-	250,000	-	250,000
<b>Total Capital Costs</b>	-	-	-	-	25,000	275,000	-	300,000

### Method(s) of Financing

Type of Funds	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
General Fund	-	-	-	-	-	-	-	-
Unsecured Fund (Grants)	-	-	-	-	-	-	-	-
Police Capital Impact Fees	-	-	-	-	-	-	-	-
Parks Impact Fees	-	-	-	-	25,000	275,000	-	300,000
City Facility Impact Fees	-	-	-	-	-	-	-	-
Street Impact Fees	-	-	-	-	-	-	-	-
Local Sales Tax	-	-	-	-	-	-	-	-
<b>Total Program Financing</b>	-	-	-	-	25,000	275,000	-	300,000

**Grammar School - Floor/Window Remodeling**

**Project Location Map**



## Monte Verde Museum - HVAC

### Description

Replace the existing deteriorating HVAC system.

### Project Justification

The current system is failing. Building occupants are extremely uncomfortable in both winter and summer.

Additional detail on costs on page 133

### Notes

### Estimated Project Costs

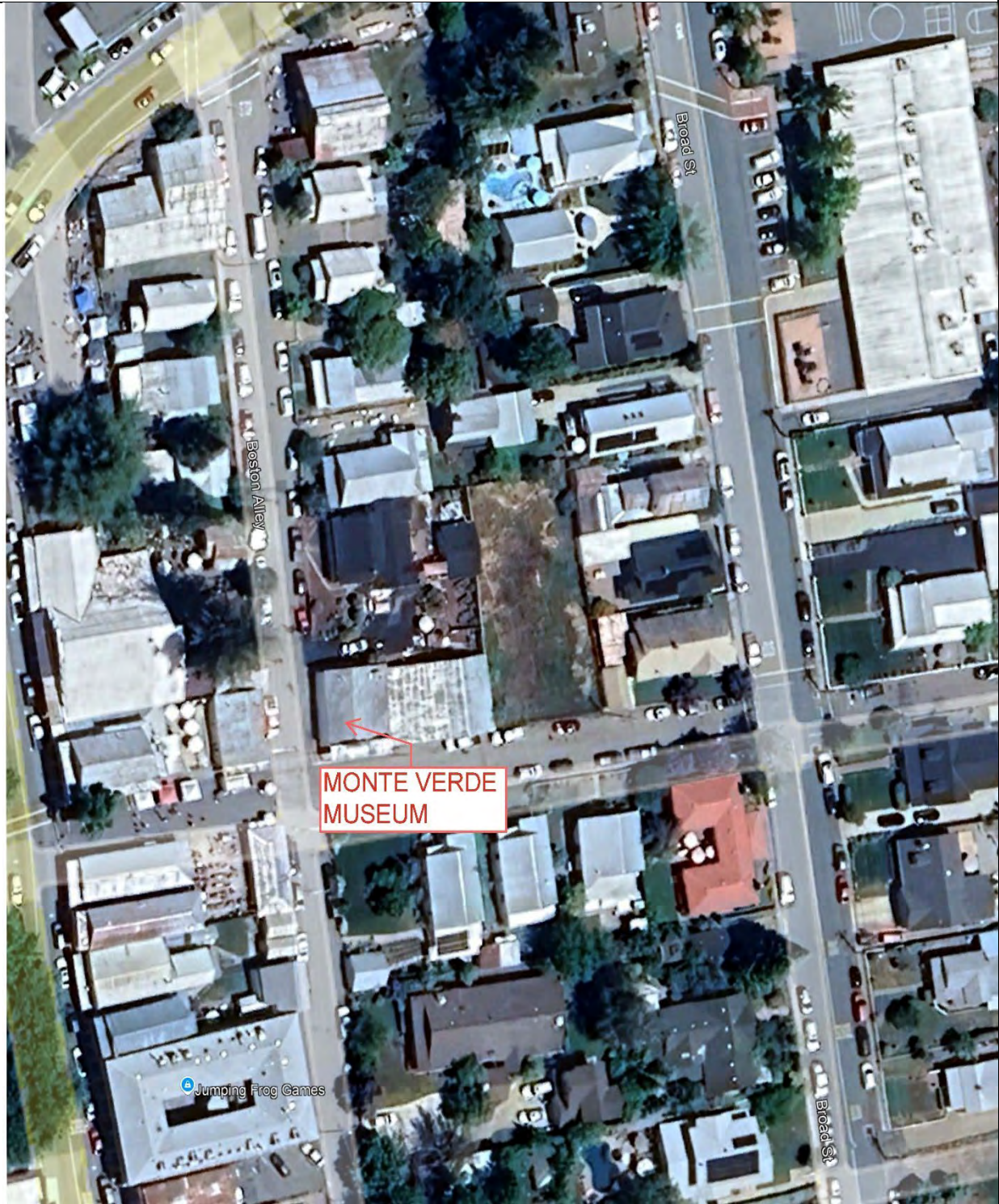
Type of Expenditure	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Surveying	-	-	-	-	-	-	-	-
Preliminary Engineering	-	2,500	-	-	-	-	-	2,500
Environmental	-	-	-	-	-	-	-	-
Right of Way	-	-	-	-	-	-	-	-
Construction Management	-	2,500	-	-	-	-	-	2,500
Construction	-	20,000	-	-	-	-	-	20,000
<b>Total Capital Costs</b>	-	<b>25,000</b>	-	-	-	-	-	<b>25,000</b>

### Method(s) of Financing

Type of Funds	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
General Fund	-	-	-	-	-	-	-	-
Unsecured Fund (Grants)	-	-	-	-	-	-	-	-
Police Capital Impact Fees	-	-	-	-	-	-	-	-
Parks Impact Fees	-	25,000	-	-	-	-	-	25,000
City Facility Impact Fees	-	-	-	-	-	-	-	-
Street Impact Fees	-	-	-	-	-	-	-	-
Local Sales Tax	-	-	-	-	-	-	-	-
<b>Total Program Financing</b>	-	<b>25,000</b>	-	-	-	-	-	<b>25,000</b>

# Monte Verde Museum - HVAC

## Project Location Map



## Monte Verde Museum – Floor & Wall Remodel

### Description

Remove and replace siding and flooring and construct foundation at the Monte Verde Museum.

### Project Justification

This historic, city owned building needs remodeling to maintain structural integrity.

Additional detail on costs on page 132

### Notes

### Estimated Project Costs

Type of Expenditure	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Surveying	-	-	-	-	-	-	-	-
Preliminary Engineering	-	5,000	-	-	-	-	-	5,000
Environmental	-	-	-	-	-	-	-	-
Right of Way	-	-	-	-	-	-	-	-
Construction Management	-	10,000	-	-	-	-	-	10,000
Construction	-	85,000	-	-	-	-	-	85,000
<b>Total Capital Costs</b>	-	<b>100,000</b>	-	-	-	-	-	<b>100,000</b>

### Method(s) of Financing

Type of Funds	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
General Fund	-	-	-	-	-	-	-	-
Unsecured Fund (Grants)	-	-	-	-	-	-	-	-
Police Capital Impact Fees	-	-	-	-	-	-	-	-
Parks Impact Fees	-	100,000	-	-	-	-	-	100,000
City Facility Impact Fees	-	-	-	-	-	-	-	-
Street Impact Fees	-	-	-	-	-	-	-	-
Local Sales Tax	-	-	-	-	-	-	-	-
<b>Total Program Financing</b>	-	<b>100,000</b>	-	-	-	-	-	<b>100,000</b>

# Monte Verde Store – Floor & Wall Rehabilitation

## Project Location Map



## Minnie Provis Park – Playground Shade & Safety Surface

### Description

Project will add a shade structure to playground, remove the existing bark and install a rubber safety surface.

### Project Justification

With the increasing hot summers, we are looking to add more shade structures to several city park facilities

### Notes

### Estimated Project Costs

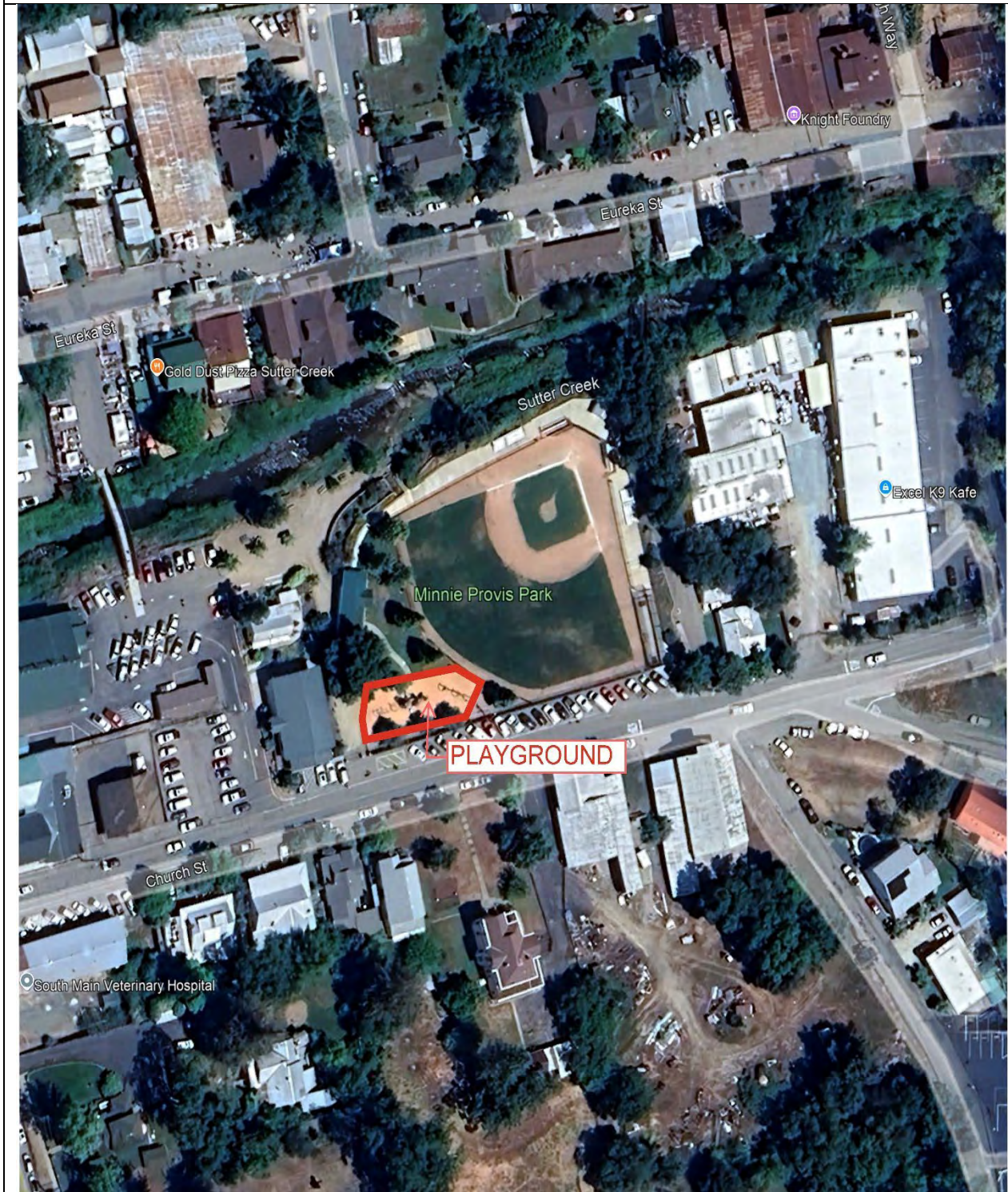
Type of Expenditure	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Surveying	-	-	11,000	-	-	-	-	11,000
Preliminary Engineering	-	-	22,000	-	-	-	-	22,000
Environmental	-	-	-	-	-	-	-	-
Right of Way	-	-	-	-	-	-	-	-
Construction Management	-	-	-	33,000	-	-	-	33,000
Construction	-	-	7,000	257,000	-	-	-	264,000
<b>Total Capital Costs</b>	-	-	<b>40,000</b>	<b>290,000</b>	-	-	-	<b>330,000</b>

### Method(s) of Financing

Type of Funds	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
General Fund	-	-	-	-	-	-	-	-
Unsecured Fund (Grants)	-	-	-	-	-	-	-	-
Police Capital Impact Fees	-	-	-	-	-	-	-	-
Parks Impact Fees	-	-	40,000	290,000	-	-	-	330,000
City Facility Impact Fees	-	-	-	-	-	-	-	-
Street Impact Fees	-	-	-	-	-	-	-	-
Local Sales Tax	-	-	-	-	-	-	-	-
<b>Total Program Financing</b>	-	-	<b>40,000</b>	<b>290,000</b>	-	-	-	<b>330,000</b>

# Minnie Provis Park – Playground Shade & Safety Surface

## Project Location Map



## Bryson Park – Playground Shade & Safety Surface

### Description

Project will add a shade structure to playground, remove the existing bark and install a rubber safety surface.

### Project Justification

With the increasing hot summers, we are looking to add more shade structures to several city park facilities

### Notes

### Estimated Project Costs

Type of Expenditure	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Surveying	-	-	-	-	11,500	-	-	11,500
Preliminary Engineering	-	-	-	-	23,000	-	-	23,000
Environmental	-	-	-	-	-	-	-	-
Right of Way	-	-	-	-	-	-	-	-
Construction Management	-	-	-	-	34,500	-	-	34,500
Construction	-	-	-	-	276,000	-	-	276,000
<b>Total Capital Costs</b>	-	-	-	-	<b>345,000</b>	-	-	<b>345,000</b>

### Method(s) of Financing

Type of Funds	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
General Fund	-	-	-	-	-	-	-	-
Unsecured Fund (Grants)	-	-	-	-	-	-	-	-
Police Capital Impact Fees	-	-	-	-	-	-	-	-
Parks Impact Fees	-	-	-	-	346,000	-	-	346,000
City Facility Impact Fees	-	-	-	-	-	-	-	-
Street Impact Fees	-	-	-	-	-	-	-	-
Local Sales Tax	-	-	-	-	-	-	-	-
<b>Total Program Financing</b>	-	-	-	-	<b>346,000</b>	-	-	<b>346,000</b>

# Bryson Park – Playground Shade & Safety Surface

## Project Location Map



## Central Eureka Mine Walking Trail

### Description

Project will add a walking trail, parking area, view areas and signage.

### Project Justification

Creation of a new city park as a historic walking trail with scenic views of the countryside and Sutter Creek.

Additional detail on costs on page 121.

### Notes

### Estimated Project Costs

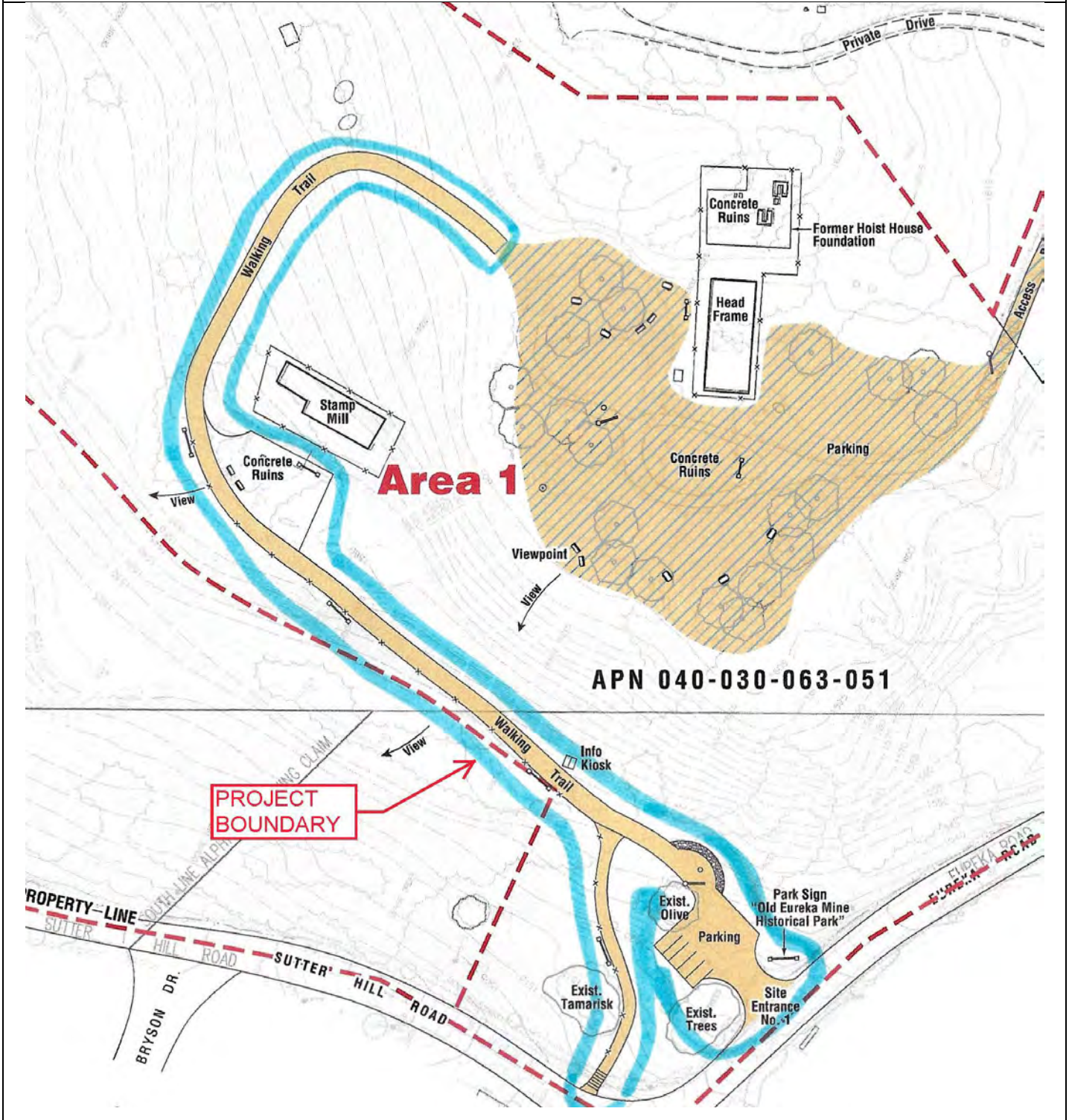
Type of Expenditure	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Surveying	-	-	-	-	19,250	-	-	19,250
Preliminary Engineering	-	-	-	-	38,500	-	-	38,500
Environmental/Geotechnical	-	-	-	-	40,000	10,000	-	50,000
Right of Way	-	-	-	-	-	-	-	-
Construction Management	-	-	-	-	-	57,750	-	57,750
Construction	-	-	-	-	-	462,000	-	462,000
<b>Total Capital Costs</b>	-	-	-	-	97,750	529,750	-	627,500

### Method(s) of Financing

Type of Funds	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
General Fund	-	-	-	-	-	-	-	-
Unsecured Fund (Grants)	-	-	-	-	-	-	-	-
Police Capital Impact Fees	-	-	-	-	-	-	-	-
Parks Impact Fees	-	-	-	-	97,750	529,750	-	627,500
City Facility Impact Fees	-	-	-	-	-	-	-	-
Street Impact Fees	-	-	-	-	-	-	-	-
Local Sales Tax	-	-	-	-	-	-	-	-
<b>Total Program Financing</b>	-	-	-	-	97,750	529,750	-	627,500

# Central Eureka Mine Walking Trail

## Project Location Map



## New City Park – Land Acquisition

### Description

This project will purchase a 5-Acre parcel for a future park (location to be determined). Costs include property acquisition, surveying the property, planning the needs of the community and an environmental document for construction.

### Project Justification

This project was identified by City Staff.

### Notes

### Estimated Project Costs

Type of Expenditure	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Surveying	-	-	-	-	-	50,000	-	50,000
Planning/Prelim. Engineering	-	-	-	-	-	85,000	TBD	85,000
Environmental	-	-	-	-	-	50,000	-	50,000
Right of Way	-	-	-	-	-	250,000	-	250,000
Construction Management	-	-	-	-	-	-	TBD	-
Construction	-	-	-	-	-	-	TBD	-
<b>Total Capital Costs</b>	-	-	-	-	-	<b>435,000</b>	-	<b>435,000</b>

### Method(s) of Financing

Type of Funds	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
General Fund	-	-	-	-	-	-	-	-
Unsecured Fund (Grants)	-	-	-	-	-	-	-	-
Police Capital Impact Fees	-	-	-	-	-	-	-	-
Parks Impact Fees	-	-	-	-	-	435,000	-	435,000
City Facility Impact Fees	-	-	-	-	-	-	-	-
Street Impact Fees	-	-	-	-	-	-	-	-
Local Sales Tax	-	-	-	-	-	-	-	-
<b>Total Program Financing</b>	-	-	-	-	-	<b>435,000</b>	-	<b>435,000</b>

## Restroom – 8’ x 8’ at Bryson Park

### Description

Install a 8’ wide x 8’ long restroom at Bryson Park.

### Project Justification

Create a new public restroom for this park.

Additional detail starting on costs on page 125.

### Notes

### Estimated Project Costs

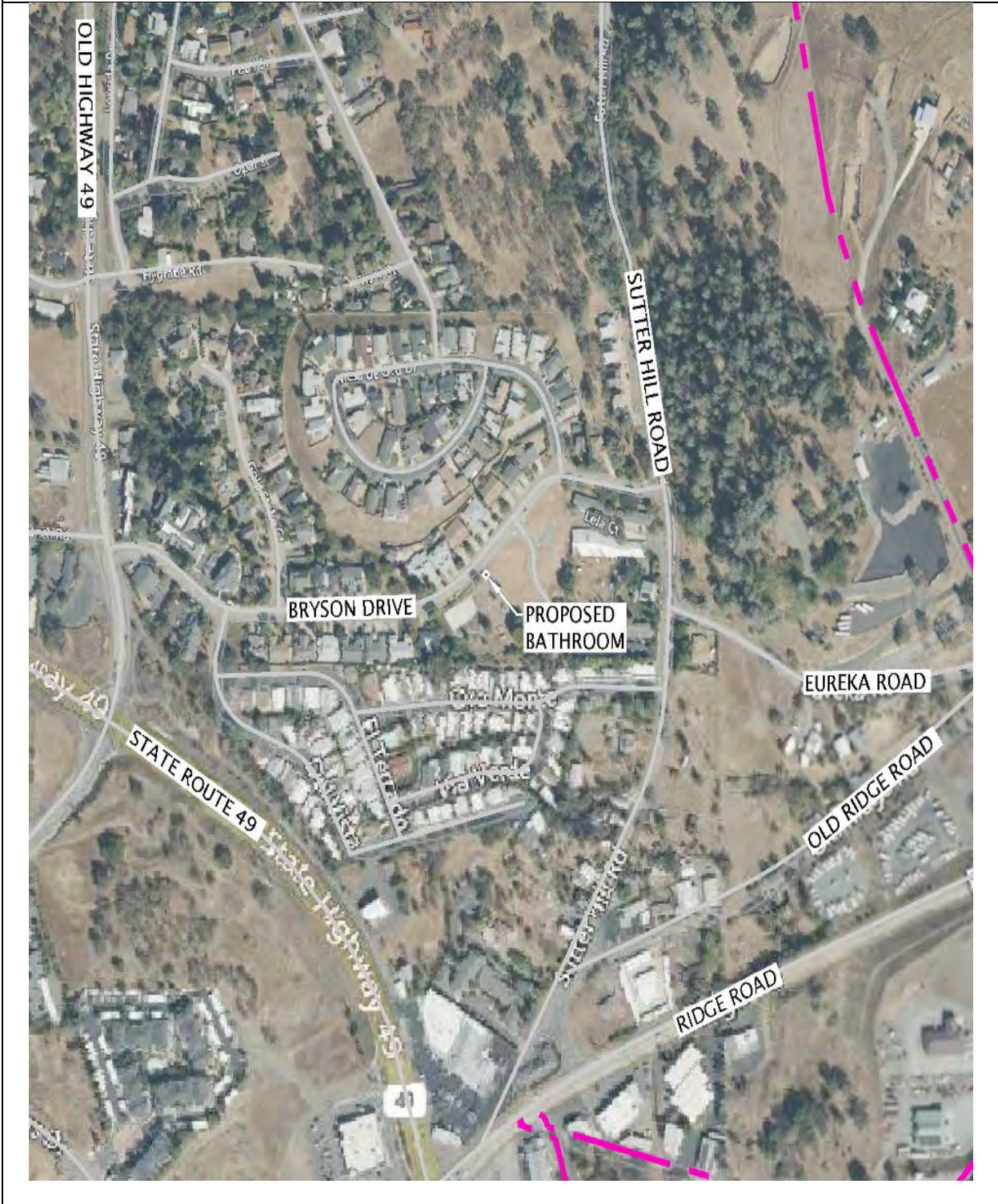
Type of Expenditure	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Surveying	-	3,000	-	-	-	-	-	3,000
Preliminary Engineering	-	6,000	-	-	-	-	-	6,000
Environmental	-	-	-	-	-	-	-	-
Right of Way	-	-	-	-	-	-	-	-
Construction Management	-	-	9,000	-	-	-	-	9,000
Construction	-	9,000	63,000	-	-	-	-	72,000
<b>Total Capital Costs</b>	-	<b>18,000</b>	<b>72,000</b>	-	-	-	-	<b>90,000</b>

### Method(s) of Financing

Type of Funds	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
General Fund	-	-	-	-	-	-	-	-
Unsecured Fund (Grants)	-	-	-	-	-	-	-	-
Police Capital Impact Fees	-	-	-	-	-	-	-	-
Parks Impact Fees	-	18,000	72,000	-	-	-	-	90,000
City Facility Impact Fees	-	-	-	-	-	-	-	-
Street Impact Fees	-	-	-	-	-	-	-	-
Local Sales Tax	-	-	-	-	-	-	-	-
<b>Total Program Financing</b>	-	<b>18,000</b>	<b>72,000</b>	-	-	-	-	<b>90,000</b>

# Restroom – 8'x8' at Bryson Park

## Project Location Map



## Police Car Fleet

### Description

Rotating update to police car fleet.

### Project Justification

Ongoing need as vehicles depreciate over 8 – 12 years.

### Notes

### Estimated Project Costs

Type of Expenditure	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Police Car Purchase	-	6,000	15,000	30,000	60,000	130,000	-	<b>241,000</b>
<b>Total Capital Costs</b>	-	<b>6,000</b>	<b>15,000</b>	<b>30,000</b>	<b>60,000</b>	<b>130,000</b>	-	<b>241,000</b>

### Method(s) of Financing

Type of Funds	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
General Fund	-	-	-	-	-	-	-	-
Unsecured Fund (Grants)	-	-	-	-	-	-	-	-
Police Capital Impact Fees	-	-	14,000	20,000	20,000	20,000	-	<b>74,000</b>
Parks Impact Fees	-	-	-	-	-	-	-	-
City Facility Impact Fees	-	-	-	-	-	-	-	-
Street Impact Fees	-	-	-	-	-	-	-	-
Local Sales Tax	-	-	-	-	-	-	-	-
<b>Total Program Financing</b>	-	<b>6,000</b>	<b>15,000</b>	<b>30,000</b>	<b>60,000</b>	<b>130,000</b>	-	<b>74,000</b>

## Wastewater – Treatment Plant Upgrade

### Description

The City of Sutter Creek (City) proposes to improve the Sutter Creek WWTP and identify a new strategy for storage and reuse/disposal of highly treated wastewater, which will be more economic in the long run and more environmentally beneficial. In addition to the WWTP upgrades, the city is looking to enhance the energy and operational efficiency of the plant to address rising energy and operating costs, reduce GHG and become more sustainable.

### Project Justification

The current plant is beyond its useful life operating near capacity. The water board has given the City notice that it intends to issue a new permit, with higher treatment requirements. Historically disposal using the state-owned pipeline to Lone's golf course has created tensions and lawsuits coordinating operations during wet and dry years. The evaluated improvement project consists of upgrades to the Sutter Creek WWTP to produce highly tertiary treated effluent, and to allow for year-round discharge of highly treated quality effluent to Sutter Creek or potential use the recycled water for other beneficial uses like parks irrigation, and landscape to reduce pressure on the water system and be more sustainable.

### Notes

This is a multi-year project that exceeds the five year time line. City staff are actively engaged in planning activities. For purposes of this CIP, we are assuming a \$25M loan over 30 years at 3.5% interest, \$400,000 in origination fees, leveraging capital reserves and grants or contributions from developers.

### Estimated Project Costs

Type of Expenditure	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Surveying	-	-	-	-	-	-	-	-
Preliminary Engineering	-	-	-	-	-	-	-	-
Environmental	-	-	-	-	-	-	-	-
Right of Way	-	-	-	-	-	-	-	-
Construction Management	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
<b>Total Capital Costs</b>	-	-	<b>\$8M</b>	<b>\$8M</b>	<b>\$8M</b>	<b>\$8M</b>	<b>\$8-18M</b>	<b>\$40-50M</b>

### Method(s) of Financing

Type of Funds	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Connection Fees								
Reserves			\$3,000,000					<b>\$3,000,000</b>
Rate payers			\$1,000,000	\$1,000,000	\$1,000,000			<b>\$3,000,000</b>
Wholesale Customers								
Debt			25,000,000					<b>\$25,000,000</b>
Grants/Developers	-	-	-	10,000,000	\$9,000,000	-	-	<b>\$19,000,000</b>
<b>Total Program Financing</b>	-	-	<b>29,000,000</b>	<b>\$11,000,000</b>	<b>\$6,000,000</b>	-	-	<b>\$50,000,000</b>

# Wastewater Treatment Plant upgrade

## Project Location Map



## ARSA – Fresh Water Diversion

### Description

The freshwater diversion contains a pipeline from Sutter Creek to a wye with two butterfly valves. One side of the wye (after the valve) goes back to Sutter Creek and the other side of the wye (after the valve) has a check valve and then connects to the ARSA pipeline. The butterfly valves are both inoperable and buried in a concrete junction box. The project would investigate if the check valves are operational, replace the butterfly valves and replace the check valve if necessary.

### Project Justification

This project is required as part of a lawsuit settlement.

### Notes

### Estimated Project Costs

Type of Expenditure	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Surveying	-	-	-	-	-	-	-	-
Preliminary Engineering	-	5,000	-	-	-	-	-	5,000
Environmental	-	-	-	-	-	-	-	-
Right of Way	-	-	-	-	-	-	-	-
Construction Management	-	5,000	-	-	-	-	-	5,000
Construction	-	40,000	-	-	-	-	-	40,000
<b>Total Capital Costs</b>	-	<b>50,000</b>	-	-	-	-	-	<b>50,000</b>

### Method(s) of Financing

Type of Funds	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Wholesale customers		5000						5,000
Reserves	-	45000	-	-	-	-	-	45,000
<b>Total Program Financing</b>	-	<b>50,000</b>	-	-	-	-	-	<b>50,000</b>

# ARSA – Fresh Water Diversion

## Project Location Map



## ARSA – Henderson Dam Reservoir Under Drain Repair

### Description

The Henderson Dam Under Drain Repair project replaces a failing 20” concrete pipe with a new 16” High-Density Polyethylene (HDPE) pipe. Approximately 94 feet of the pipeline will be replaced within an open cut trench outside of the dam footprint. The remainder (approximately 171 feet) of new pipe will be installed using slip lining and an excavation pit located outside of the dam footprint.

### Project Justification

This project has been identified by the Division of Safety of Dams (DSOD).

### Notes

### Estimated Project Costs

Type of Expenditure	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Surveying	-	-	-	-	-	-	-	-
Preliminary Engineering	-	-	-	-	-	-	-	-
Environmental	-	-	-	-	-	-	-	-
Right of Way	-	-	-	-	-	-	-	-
Construction Management	-	80,000	-	-	-	-	-	80,000
Construction	-	720,000	-	-	-	-	-	720,000
<b>Total Capital Costs</b>	-	<b>800,000</b>	-	-	-	-	-	<b>800,000</b>

### Method(s) of Financing

Type of Funds	prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Reserves	400,000	400,000	-	-	-	-	-	800,000
<b>Total Program Financing</b>	<b>400,000</b>	<b>400,000</b>	-	-	-	-	-	<b>800,000</b>

**ARSA – Henderson Reservoir Under Drain Repair**

**Project Location Map**



## ARSA – Henderson Reservoir Replace Pier/Catwalk

### Description

Replace the existing deteriorating pier/catwalk at Henderson Reservoir.

### Project Justification

If we continue to use Henderson we will need to replace the catwalk for safety and operational reasons

### Notes

### Estimated Project Costs

Type of Expenditure	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Surveying	-	-	-	-	-	-	-	-
Preliminary Engineering	-	-	-	-	25,000	-	-	25,000
Environmental	-	-	-	-	20,000	-	-	20,000
Right of Way	-	-	-	-	-	-	-	-
Construction Management	-	-	-	-	-	20,000	-	20,000
Construction	-	-	-	-	-	135,000	-	135,000
<b>Total Capital Costs</b>	-	-	-	-	45,000	155,000	-	200,000

### Method(s) of Financing

Type of Funds	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Wholesale customers			5000	5000	5000	5000		20,000
Reserve	-	-	45000	45,000	45,000	45,000	-	180,000
<b>Total Program Financing</b>	-	-	50,000	50,000	50,000	50,000	-	200,000

ARSA – Henderson Reservoir Under Drain Repair

Project Location Map



## Wastewater – Clarjusters #2

### Description

The project will identify what components have failed in the bottom digester portion of the Clarjusters. The project will require the evacuation of all wastewater and sludge and confined space entry. After discovering the condition of the drive and supporting mechanism internals (digester portion) the manufacturer will be contacted and the parts made. A second shutdown will be made to install the manufactured parts.

### Project Justification

The Clarjuster is original to the plant over 50 years old and has not been rehabbed in recent history. The cost estimate is a best guess based on the cost of the rehab that occurred with Clarjuster number 1 about 5 to 10 years ago. The Clarjuster is responsible for clarification of the wastewater and some digestion of sludge. Without the Clarjuster additional sludge will accumulate and cost more money for the operation of the WWTP.

### Notes

### Estimated Project Costs

Type of Expenditure	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Equipment Capital		-	-	-	300,000	-	-	300,000
Preliminary Engineering	-	-	-	-	-	-	-	-
Environmental	-	-	-	-	-	-	-	-
Right of Way	-	-	-	-	-	-	-	-
Construction Management	-	-	-	-	-	-	-	-
Construction/Inspection	-	-	-	67,000	-	-	-	67,000
<b>Total Capital Costs</b>	-	-	-	67,000	300,000	-	-	367,000

### Method(s) of Financing

Type of Funds	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Wholesale customers				20,000	40,000			
Connection fee	-	-	-	107,000	200,000	-	-	367,000
<b>Total Program Financing</b>	-	-	-	127,000	240,000	-	-	367,000

**Wastewater – Clarifiers #2**  
**Project Location WWTP**  
**Equipment Picture**



## Wastewater – E-Pump Rehab

### Description

The Emergency Pumps (E-pump) has only one of two pumps running currently. A spare pump needs to be ordered so that there is backup in case the E-pump goes down (15K). The return valve to the e-pump vault has a hole in the valve so the vault cannot be shut off and isolated. The valve needs to be replaced.

The control panel deck needs to be rebuilt so that there is a solid structure to access the E-pump control panel. The E-pump control panel needs to be rebuilt to allow proper operation.

### Project Justification

The E-pump operation is critical to allow the plant to accept flow if the normal pump stop working. Both of the pumps and the control panel are critical to the operation of the WWTP.

### Notes

### Estimated Project Costs

Type of Expenditure	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Equipment	10,000	-	-	20,000	-	-	10,000	40,000
Preliminary Engineering	-	-	-	-	-	-	-	-
Environmental	-	-	-	-	-	-	-	-
Right of Way	-	-	-	-	-	-	-	-
Construction Management	-	-	-	-	-	-	-	-
Construction	-	-	-	30,000	-	-	-	30,000
<b>Total Capital Costs</b>	<b>10,000</b>	<b>-</b>	<b>-</b>	<b>50,000</b>	<b>-</b>	<b>-</b>	<b>10,000</b>	<b>70,000</b>

### Method(s) of Financing

Type of Funds	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Wholesale customers	1000			3000			1,000	5,000
Connection Fee	9,000	-	-	47000	-	-	9,000	65,000
<b>Total Program Financing</b>	<b>10,000</b>	<b>-</b>	<b>-</b>	<b>50,000</b>	<b>-</b>	<b>-</b>	<b>10,000</b>	<b>70,000</b>

**Wastewater – E-Pump Rehab  
Project Location WWTP  
Equipment Picture**



Control Panel



Return Valve in E-pump Vault

## Wastewater – Mechanical Screen Bar

### Description

The mechanical bar screen has been repaired many times and is critical to the operation of the WWTP. This is the first line of defense prior to the roto strainers and all the coarse debris is separated from the Wastewater stream. The mechanical bar screen removes coarse solids and moves them to a waste bin.

### Project Justification

The mechanical bar screen has had numerous repairs and breaks constantly. Every time the bar screen breaks the operators are forced to install a bin and manually haul the waste to the trash. This fills up a few times a day making operation of the plant 24 hours a day logistically hard without overtime.

### Notes

### Estimated Project Costs

Type of Expenditure	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Equipment	-	-	75,000	-	-	-	-	75,000
Preliminary Engineering	-	-	-	-	-	-	-	-
Environmental	-	-	-	-	-	-	-	-
Right of Way	-	-	-	-	-	-	-	-
Construction Management	-	-	-	-	-	-	-	-
Construction	-	-	50,000	-	-	-	-	50,000
<b>Total Capital Costs</b>	-	-	125,000	-	-	-	-	125,000

### Method(s) of Financing

Type of Funds	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Wholesale customers		3,000	5,000					8,000
Connection Fees	-	47,000	70,000	-	-	-	-	117,000
<b>Total Program Financing</b>	-	50,000	75,000	-	-	-	-	125,000

**Wastewater – Mechanical Screen Bar  
Project Location WWTP  
Equipment Picture**



## Wastewater – Trickling Filter Tower

### Description

The trickling filter tower works to move wastewater from the center of the trickling filter to the arms to evenly distribute the wastewater over the trickling filter media. Wastewater is leaking from the bottom. The project will investigate the cause of the leaking water (missing seal or broken part) and fix the issue. Along with the fix a VFD will be installed to regulate the speed at which the trickling filter arms move. This will improve the efficiency of the treatment.

### Project Justification

The tower is shown leaking out the bottom resulting in wastewater not being treated by the trickling filter media. The wastewater is short circuiting the treatment process.

### Notes

### Estimated Project Costs

Type of Expenditure	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Equipment	-	-	-	35,000	-	-	-	35,000
Preliminary Engineering	-	-	-	-	-	-	-	-
Environmental	-	-	-	-	-	-	-	-
Right of Way	-	-	-	-	-	-	-	-
Construction Management	-	-	-	-	-	-	-	-
Construction	-	-	-	40,000	-	-	-	40,000
<b>Total Capital Costs</b>	-	-	-	<b>75,000</b>	-	-	-	<b>75,000</b>

### Method(s) of Financing

Type of Funds	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Wholesale customers			1,000	2,000				3,000
Connection fees	-	-	34,000	38,000	-	-	-	72,000
<b>Total Program Financing</b>	-	-	<b>35,000</b>	<b>40,000</b>	-	-	-	<b>75,000</b>

**Wastewater – Trickling Filter Tower  
Project Location WWTP  
Equipment Picture**



## Infiltration and Inflow (I/I) Wastewater Line Replacement

### Description

Currently the WWTP experiences peak wet weather influent flows over 8 times the normal dry weather flows due to inflow and infiltration (I&I) issues in the collection system piping. City staff have identified over 12,000 lineal feet of the collection system main piping that appears to be compromised. Meters installed to triage the worse locations. Due to the uncertain nature of fixing this issue we have budgeted by the linear foot. We have a long list of streets and areas to repair. We will prioritize and fix them up to the number of feet budgeted per year

### Project Justification

Fixing the I&I issues in the collection system has a two-fold effect. Number one, it allows the plant to operate without spilling into the creek due to the limited emergency capacity of the system. Number two, it reduces the flow that the new WWTP will need to be designed to, which reduces the cost of the new WWTP. We modelled spending \$400,000 per year on I/I. Based on the cost estimate of \$200/lineal foot that would allow approximately 2,000 feet of pipe to be replaced each year, which means we could fix all the known main problems in six years.

### Notes

### Estimated Project Costs

Type of Expenditure	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Equipment	-	-	-	-	-	-	-	-
Preliminary Engineering	-	10,000	10,000	10,000	10,000	10,000	10,000	60,000
Environmental	-	-	-	-	-	-	-	-
Right of Way	-	-	-	-	-	-	-	-
Construction Management	-	30,000	30,000	30,000	30,000	30,000	30,000	180,000
Construction	-	360,000	360,000	360,000	360,000	360,000	360,000	2,160,000
<b>Total Capital Costs</b>	-	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$2,400,000</b>

### Method(s) of Financing

Type of Funds	Expenses prior to FY 25/26	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Future \$	Total
Wholesale customers		40,000	40,000	40,000	40,000	40,000	40,000	240,000
Wastewater Rates	-	360,000	360,000	360,000	360,000	360,000	360,000	2,160,000
<b>Total Program Financing</b>	-	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$2,400,000</b>

**I/I**  
**Project Location – Multiple, all over the city**

<b>Section #</b>	<b>Lineal feet</b>	<b>Nearest Street</b>	<b>Estimated cost</b>
P-48	150	Cole Street	\$30,000
P-49	396	Gopher Flat Road	\$79,200
P-65	64	Gopher Flat Road	\$12,800
P-66	114	Boston Alley	\$22,800
P-67	96	Gopher Flat Road	\$19,200
P-68	85	Gopher Flat Road	\$17,000
P-69	50	Gopher Flat Road	\$10,000
P-70	50	Gopher Flat Road	\$10,000
P-94	360	Plaza Street	\$72,000
P-96	148	Randolph	\$29,600
P-104 (.1, .2, .3)	396	Across Broadway	\$79,200
P-100.1	627	Eureka St	\$125,400
P-108	378	South of Eureka	\$75,600
P-118	272	Greenstone Terrace	\$54,400
P-120	128	Greenstone Terrace	\$25,600
P-121	108	Greenstone Terrace	\$21,600
P-129	353	Creek	\$70,600
P-116	314	Greenstone Terrace	\$62,800
P-117	295	Greenstone Terrace	\$59,000
P-264	197	Main Street	\$39,400
P-265	495	Main Street	\$99,000
P-263	198	Worley	\$39,600
P-262	139	Worley	\$27,800
P-261	277	Leiby Avenue	\$55,400
P-266	450	Dennis Street	\$90,000
P-257	182	Hwy 49	\$36,400
P-166	336	Behind Oro Madre	\$67,200
P-167	30	Behind Oro Madre	\$6,000
P-168	105	Behind Oro Madre	\$21,000
P-173.1	92	El Terrado	\$18,400
P-173	254	El Terrado	\$50,800
P-174.1	80	El Terrado	\$16,000
P-114 (.0, .1, .2)	227	Behind Sutter Street	\$45,400
P-324	122	Behind Spanish Street	\$24,400
P-326	127	Behind Spanish Street	\$25,400
P-327	222	Behind Spanish Street	\$44,400
P-329	90	Behind Spanish Street	\$18,000
P-331	151	Behind Spanish Street	\$30,200

P-332	401	Behind Spanish Street	\$80,200
P-288	298	Below David backyard	\$59,600
P-289	150	Below David backyard	\$30,000
P-283	103	David Drive	\$20,600
P-282	50	David Drive	\$10,000
P-281	186	David Drive	\$37,200
P-280	119		
P-279	121		
P-278	75		
P-277	158	Mark Lane (Sutter Oaks 2)	\$31,600
P-255	35	Old 49	\$7,000
P-254	103	Old 49	\$20,600
P-253	35	Old 49	\$7,000
P-251	285	Behind foothill drive	\$57,000
P-250	249	Behind foothill drive	\$49,800
P-227	564	Old 49	\$112,800
P-226	126	Old 49	\$25,200
P-400	407	Independence Drive	\$81,400
P-399	438	Academy Drive	\$87,600
P-398	242	Academy Drive	\$48,400
Total lineal feet	12,303		\$2,460,600

**APPENDIX A – ADDITIONAL DETAIL AND FUTURE PROJECTS**

DRAFT

<b>Project Title:</b>	<b>Location:</b>
<b>Marre Street Rehabilitation</b>	<b>Marre Street from Mill Street to End</b>
<p>Project Identified By: Pavement Management Program Report – Pavement Condition Index (PCI) = 8, which is the worst rated street in town.</p> <p>Work Description: Install 2” asphalt concrete for approximately 400 L.F. of road and drainage improvements.</p>	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$115,875.00	\$115,875.00
Construction Contingency (20%)				\$ 23,175.00
Surveying (5%)				\$ 5,793.75
Engineering (10%)				\$ 11,587.50
Construction Management (15%)				\$ 17,381.25
<i>Subtotal</i>				\$ 57,937.50
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$173,812.50</b>

The cost estimate herein is based on our perception of current conditions at the project location. This estimate reflects our opinion of probable costs at this time and is subject to change as the project design matures. WGA has no control over variances in the cost of labor, materials, equipment, services provided by others, contractor’s methods of determining prices, competitive bidding or market conditions, practices or bidding strategies. WGA cannot and does not warrant or guarantee that proposals, bids, or actual construction costs will not vary from the cost presented herein.

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
MARRE STREET REHABILITATION  
FROM MILL STREET TO END  
8/23/2024**

<b>ITEM NO.</b>	<b>ITEM</b>	<b>UNIT OF MEASURE</b>	<b>EST. QTY.</b>	<b>UNIT PRICE</b>	<b>ITEM TOTAL</b>
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	1	\$2,500.00	\$2,500.00
2	TRAFFIC CONTROL	DAY	2	\$2,500.00	\$5,000.00
3	CLEARING & GRUBBING	DAY	1	\$5,000.00	\$5,000.00
4	ASPHALT CONCRETE GRIND	DAY	1	\$6,000.00	\$6,000.00
5	ASPHALT CONCRETE LEVELING COURSE	TON	100	\$400.00	\$40,000.00
6	ASPHALT CONCRETE	TON	105	\$350.00	\$36,750.00
7	AGGREGATE BASE	TON	60	\$100.00	\$6,000.00
8	ADJUST WATER METER BOX TO GRADE	EACH	1	\$750.00	\$750.00
9	SIGNING AND STRIPING	LS	1	\$5,000.00	\$5,000.00
10	ASPHALT CONCRETE DIKE	LF	300	\$20.00	\$6,000.00
11	REGRADE EXISTING DRAINAGE DITCH	LF	125	\$15.00	\$1,875.00
12	UNSUITABLE MATERIAL	CY	10	\$100.00	\$1,000.00
CONSTRUCTION SUBTOTAL					\$115,875.00
CONSTRUCTION CONTINGENCY (20%)					\$23,175.00
SURVEYING (5%)					\$5,793.75
ENGINEERING (10%)					\$11,587.50
CONSTRUCTION MANAGEMENT (15%)					\$17,381.25
<b>TOTAL PROJECT COST</b>					<b>\$173,812.50</b>

<b>Project Title:</b>	<b>Location:</b>
<b>Gold Dust Trail Rehabilitation</b>	<b>Church Street Intersection to 30 Gold Dust Trail</b>
<p><u>Project Identified By:</u> Pavement Management Program Report – Pavement Condition Index (PCI) = 9, which is the second worst rated street in town.</p> <p><u>Work Description:</u> Install 2” asphalt concrete for approximately 275 L.F. of road and drainage improvements.</p>	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$93,875.00	\$ 93,875.00
Construction Contingency (20%)				\$ 18,775.00
Surveying (5%)				\$ 4,693.75
Engineering (10%)				\$ 9,387.50
Construction Management (15%)				\$ 14,081.25
			<i>Subtotal</i>	\$ 46,937.50
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$140,812.50</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
GOLD DUST TRAIL REHABILITATION  
FROM CHURCH STREET INTERSECTION TO 30 GOLD DUST TRAIL  
8/23/2024**

<b>ITEM NO.</b>	<b>ITEM</b>	<b>UNIT OF MEASURE</b>	<b>EST. QTY.</b>	<b>UNIT PRICE</b>	<b>ITEM TOTAL</b>
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	1	\$2,500.00	\$2,500.00
2	TRAFFIC CONTROL	DAY	2	\$2,500.00	\$5,000.00
3	CLEARING & GRUBBING	DAY	2	\$5,000.00	\$10,000.00
4	ASPHALT CONCRETE GRIND	DAY	1	\$6,000.00	\$6,000.00
5	ASPHALT CONCRETE LEVELING COURSE	TON	25	\$400.00	\$10,000.00
6	ASPHALT CONCRETE	TON	125	\$350.00	\$43,750.00
7	AGGREGATE BASE	TON	20	\$100.00	\$2,000.00
8	ADJUST MANHOLE TO GRADE	EACH	1	\$2,500.00	\$2,500.00
9	ADJUST WATER METER BOX TO GRADE	EACH	1	\$750.00	\$750.00
10	ADJUST WATER VALVE BOX TO GRADE	EACH	3	\$750.00	\$2,250.00
11	SIGNING AND STRIPING	LS	1	\$5,000.00	\$5,000.00
12	ASPHALT CONCRETE DIKE	LF	100	\$20.00	\$2,000.00
13	REGRADE EXISTING DRAINAGE DITCH	LF	75	\$15.00	\$1,125.00
14	UNSUITABLE MATERIAL	CY	10	\$100.00	\$1,000.00
<b>CONSTRUCTION SUBTOTAL</b>					<b>\$93,875.00</b>
CONSTRUCTION CONTINGENCY (20%)					\$18,775.00
SURVEYING (5%)					\$4,693.75
ENGINEERING (10%)					\$9,387.50
CONSTRUCTION MANAGEMENT (15%)					\$14,081.25
<b>TOTAL PROJECT COST</b>					<b>\$140,812.50</b>

<b>Project Title:</b>	<b>Location:</b>
<b>Greenstone Terrace Rehabilitation</b>	<b>Church Street Intersection to 40 Greenstone Terrace</b>
<p><u>Project Identified By:</u> Pavement Management Program Report – Pavement Condition Index (PCI) = 14, which is the fourth worst rated street in town.</p> <p><u>Work Description:</u> Install 2” asphalt concrete for approximately 400 L.F. of road and drainage improvements.</p>	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$141,700.00	\$141,700.00
Construction Contingency (20%)				\$ 28,340.00
Surveying (5%)				\$ 7,085.00
Engineering (10%)				\$ 14,170.00
Construction Management (15%)				\$ 21,255.00
			<i>Subtotal</i>	\$ 70,850.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$212,550.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
GREENSTONE TERRACE REHABILITATION  
FROM CHURCH STREET INTERSECTION TO 40 GREENSTONE TERRACE  
8/23/2024**

<b>ITEM NO.</b>	<b>ITEM</b>	<b>UNIT OF MEASURE</b>	<b>EST. QTY.</b>	<b>UNIT PRICE</b>	<b>ITEM TOTAL</b>
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	2	\$2,500.00	\$5,000.00
2	TRAFFIC CONTROL	DAY	5	\$2,500.00	\$12,500.00
3	CLEARING & GRUBBING	DAY	2	\$5,000.00	\$10,000.00
4	ASPHALT CONCRETE GRIND	DAY	1	\$6,000.00	\$6,000.00
5	ASPHALT CONCRETE LEVELING COURSE	TON	25	\$400.00	\$10,000.00
6	ASPHALT CONCRETE	TON	125	\$350.00	\$43,750.00
7	AGGREGATE BASE	TON	75	\$100.00	\$7,500.00
8	ADJUST MANHOLE TO GRADE	EACH	2	\$2,500.00	\$5,000.00
9	ADJUST WATER METER BOX TO GRADE	EACH	1	\$750.00	\$750.00
10	ADJUST WATER VALVE BOX TO GRADE	EACH	2	\$750.00	\$1,500.00
11	SIGNING AND STRIPING	LS	1	\$5,000.00	\$5,000.00
12	STORM DRAIN INLET	EACH	1	\$5,000.00	\$5,000.00
13	12-INCH DIAMETER STORM DRAIN	LF	120	\$160.00	\$19,200.00
14	REGRADE EXISTING DRAINAGE DITCH	LF	500	\$15.00	\$7,500.00
15	CEMENT SLURRY BACKFILL	CY	10	\$200.00	\$2,000.00
16	UNSUITABLE MATERIAL	CY	10	\$100.00	\$1,000.00
<b>CONSTRUCTION SUBTOTAL</b>					<b>\$141,700.00</b>
CONSTRUCTION CONTINGENCY (20%)					\$28,340.00
SURVEYING (5%)					\$7,085.00
ENGINEERING (10%)					\$14,170.00
CONSTRUCTION MANAGEMENT (15%)					\$21,255.00
<b>TOTAL PROJECT COST</b>					<b>\$212,550.00</b>

<b>Project Title:</b>	<b>Location:</b>
<b>Hanford Street Bicycle &amp; Sidewalk Improvements</b>	<b>Spanish Street to Hanford House</b>

Project Identified By:  
Table 3.14 of the Circulation Element (Project ID MM-2).

Work Description:  
Install 2,450 LF of curb, gutter, and sidewalk on west side of Hanford Street and 2" asphalt concrete overlay on the west side of Hanford Street for bicycle lane and drainage improvements.



General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$1,378,275.00	\$1,378,275.00
Construction Contingency (20%)				\$ 275,655.00
Surveying (5%)				\$ 68,913.75
Engineering (10%)				\$ 137,827.50
Construction Management (15%)				\$ 206,741.25
<i>Subtotal</i>				\$ 689,137.50
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$2,067,412.50</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
HANFORD STREET BICYCLE & SIDEWALK IMPROVEMENTS  
FROM SPANISH STREET TO HANFORD HOUSE**

**8/23/2024**

ITEM NO.	ITEM	UNIT OF MEASURE	EST. QTY.	UNIT PRICE	ITEM TOTAL
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	6	\$2,500.00	\$15,000.00
2	TRAFFIC CONTROL	DAY	40	\$2,500.00	\$100,000.00
3	CLEARING & GRUBBING	DAY	15	\$5,000.00	\$75,000.00
4	ASPHALT CONCRETE GRIND	DAY	4	\$6,000.00	\$24,000.00
5	ASPHALT CONCRETE	TON	850	\$250.00	\$212,500.00
6	AGGREGATE BASE	TON	1,600	\$100.00	\$160,000.00
7	CONCRETE CURB & GUTTER	LF	2,450	\$50.00	\$122,500.00
8	CONCRETE SIDEWALK	SF	8,800	\$16.00	\$140,800.00
9	CONCRETE SIDEWALK AT DRIVEWAYS	SF	3,200	\$18.00	\$57,600.00
10	CONCRETE ADA RAMP	EACH	11	\$5,000.00	\$55,000.00
11	CONCRETE STEM WALL (0-2 FT. HEIGHT)	LF	1,075	\$75.00	\$80,625.00
12	CONCRETE RETAINING WALL	LF	320	\$200.00	\$64,000.00
13	CONCRETE DRIVEWAY REST.	SF	1,000	\$16.00	\$16,000.00
14	ASPHALT CONCRETE DRIVEWAY REST.	SF	3,000	\$10.00	\$30,000.00
15	MIDWEST GUARD RAIL	LF	850	\$100.00	\$85,000.00
16	18-INCH DIAMETER STORM DRAIN	LF	150	\$200.00	\$30,000.00
17	STORM DRAIN INLET	EACH	6	\$5,000.00	\$30,000.00
18	ROCK SLOPE PROTECTION	TON	20	\$150.00	\$3,000.00
19	ADJUST MANHOLE TO GRADE	EACH	1	\$2,500.00	\$2,500.00
20	ADJUST WATER VALVE BOX TO GRADE	EACH	10	\$750.00	\$7,500.00
21	ADJUST WATER METER TO GRADE	EACH	7	\$750.00	\$5,250.00
22	ADJUST WATER VAULT TO GRADE	EACH	2	\$5,000.00	\$10,000.00
23	SIGNING AND STRIPING	LS	1	\$25,000.00	\$25,000.00
24	EROSION CONTROL	DAY	2	\$5,000.00	\$10,000.00
25	CEMENT SLURRY BACKFILL	CY	80	\$200.00	\$16,000.00
26	UNSUITABLE MATERIAL	CY	10	\$100.00	\$1,000.00
<b>CONSTRUCTION SUBTOTAL</b>					<b>\$1,378,275.00</b>
CONSTRUCTION CONTINGENCY (20%)					\$275,655.00
SURVEYING (5%)					\$68,913.75
ENGINEERING (10%)					\$137,827.50
CONSTRUCTION MANAGEMENT (15%)					\$206,741.25
<b>TOTAL PROJECT COST</b>					<b>\$2,067,412.50</b>

<b>Project Title:</b>	<b>Location:</b>
<b>South Main Street Rehabilitation</b>	<b>Church Street to Sutter Hill Road</b>
<p><u>Project Identified By:</u> City Staff. Project location was not listed in Pavement Management Program Report.</p> <p><u>Work Description:</u> Install 2" asphalt concrete for approximately 1,350 L.F. of road improvements.</p>	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$249,500.00	\$249,500.00
Construction Contingency (20%)				\$ 49,900.00
Surveying (5%)				\$ 12,475.00
Engineering (10%)				\$ 24,950.00
Construction Management (15%)				\$ 37,425.00
			<i>Subtotal</i>	\$ 124,750.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$374,250.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
SOUTH MAIN STREET REHABILITATION  
FROM CHURCH STREET TO SUTTER HILL ROAD  
8/23/2024**

<b>ITEM NO.</b>	<b>ITEM</b>	<b>UNIT OF MEASURE</b>	<b>EST. QTY.</b>	<b>UNIT PRICE</b>	<b>ITEM TOTAL</b>
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	2	\$2,500.00	\$5,000.00
2	TRAFFIC CONTROL	DAY	8	\$2,500.00	\$20,000.00
3	CLEARING & GRUBBING	DAY	2	\$5,000.00	\$10,000.00
4	ASPHALT CONCRETE GRIND	DAY	3	\$6,000.00	\$18,000.00
5	ASPHALT CONCRETE	TON	600	\$250.00	\$150,000.00
6	AGGREGATE BASE	TON	100	\$100.00	\$10,000.00
7	ADJUST MANHOLE TO GRADE	EACH	4	\$2,500.00	\$10,000.00
8	ADJUST WATER VALVE BOX TO GRADE	EACH	2	\$750.00	\$1,500.00
9	SIGNING AND STRIPING	LS	1	\$10,000.00	\$10,000.00
10	REGRADE EXISTING DRAINAGE DITCH	LF	1,000	\$15.00	\$15,000.00
<b>CONSTRUCTION SUBTOTAL</b>					<b>\$249,500.00</b>
CONSTRUCTION CONTINGENCY (20%)					\$49,900.00
SURVEYING (5%)					\$12,475.00
ENGINEERING (10%)					\$24,950.00
CONSTRUCTION MANAGEMENT (15%)					\$37,425.00
<b>TOTAL PROJECT COST</b>					<b>\$374,250.00</b>

<b>Project Title:</b>	<b>Location:</b>
<b>Hanford Street Rehabilitation</b>	<b>Gopher Flat Road to Sutter Creek Trading Post</b>
<p><u>Project Identified By:</u> City Staff. Project location was not listed in Pavement Management Program Report.</p> <p><u>Work Description:</u> Install 2" asphalt concrete for approximately 600 L.F. of road and drainage improvements.</p>	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$239,500.00	\$239,500.00
Construction Contingency (20%)				\$ 47,900.00
Surveying (5%)				\$ 11,975.00
Engineering (10%)				\$ 23,950.00
Construction Management (15%)				\$ 35,925.00
			<i>Subtotal</i>	\$ 119,750.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$359,250.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
HANFORD STREET REHABILITATION  
FROM GOPHER FLAT ROAD TO SUTTER CREEK TRADING POST  
8/23/2024**

<b>ITEM NO.</b>	<b>ITEM</b>	<b>UNIT OF MEASURE</b>	<b>EST. QTY.</b>	<b>UNIT PRICE</b>	<b>ITEM TOTAL</b>
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	2	\$2,500.00	\$5,000.00
2	TRAFFIC CONTROL	DAY	8	\$2,500.00	\$20,000.00
3	CLEARING & GRUBBING	DAY	2	\$5,000.00	\$10,000.00
4	ASPHALT CONCRETE GRIND	DAY	2	\$6,000.00	\$12,000.00
5	ASPHALT CONCRETE	TON	300	\$350.00	\$105,000.00
6	ADJUST WATER VALVE BOX TO GRADE	EACH	2	\$750.00	\$1,500.00
7	SIGNING AND STRIPING	LS	1	\$10,000.00	\$10,000.00
8	18-INCH DIAMETER STORM DRAIN	LF	300	\$200.00	\$60,000.00
9	STORM DRAIN INLET	EACH	3	\$5,000.00	\$15,000.00
10	UNSUITABLE MATERIAL	CY	10	\$100.00	\$1,000.00
<b>CONSTRUCTION SUBTOTAL</b>					<b>\$239,500.00</b>
CONSTRUCTION CONTINGENCY (20%)					\$47,900.00
SURVEYING (5%)					\$11,975.00
ENGINEERING (10%)					\$23,950.00
CONSTRUCTION MANAGEMENT (15%)					\$35,925.00
<b>TOTAL PROJECT COST</b>					<b>\$359,250.00</b>

<b>Project Title:</b>	<b>Location:</b>
<b>Spanish Street Rehabilitation</b>	<b>Main Street to North Amelia Street</b>
<p><b>Project Identified By:</b> City Staff and Pavement Management Program Report – Pavement Condition Index (PCI) = 34-44.</p> <p><b>Work Description:</b> Install 2” asphalt concrete for approximately 1,800 L.F. of road and drainage improvements.</p>	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$400,000.00	\$400,000.00
Construction Contingency (20%)				\$ 80,000.00
Surveying (5%)				\$ 20,000.00
Engineering (10%)				\$ 40,000.00
Construction Management (15%)				\$ 60,000.00
			<i>Subtotal</i>	\$ 200,000.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$600,000.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
SPANISH STREET REHABILITATION  
FROM MAIN STREET TO NORTH AMELIA STREET  
8/23/2024**

<b>ITEM NO.</b>	<b>ITEM</b>	<b>UNIT OF MEASURE</b>	<b>EST. QTY.</b>	<b>UNIT PRICE</b>	<b>ITEM TOTAL</b>
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	2	\$2,500.00	\$5,000.00
2	TRAFFIC CONTROL	DAY	6	\$2,500.00	\$15,000.00
3	CLEARING & GRUBBING	DAY	4	\$5,000.00	\$20,000.00
4	ASPHALT CONCRETE GRIND	DAY	2	\$6,000.00	\$12,000.00
5	ASPHALT CONCRETE	TON	800	\$250.00	\$200,000.00
6	AGGREGATE BASE	TON	75	\$100.00	\$7,500.00
7	ADJUST MANHOLE TO GRADE	EACH	6	\$2,500.00	\$15,000.00
8	ADJUST WATER METER BOX TO GRADE	EACH	8	\$750.00	\$6,000.00
9	ADJUST WATER VALVE BOX TO GRADE	EACH	20	\$750.00	\$15,000.00
10	18-INCH DIAMETER STORM DRAIN	LF	300	\$200.00	\$60,000.00
11	STORM DRAIN INLET	EACH	5	\$5,000.00	\$25,000.00
12	CEMENT SLURRY BACKFILL	CY	30	\$200.00	\$6,000.00
13	UNSUITABLE MATERIAL	CY	35	\$100.00	\$3,500.00
14	SIGNING AND STRIPING	LS	1	\$10,000.00	\$10,000.00
<b>CONSTRUCTION SUBTOTAL</b>					<b>\$400,000.00</b>
CONSTRUCTION CONTINGENCY (20%)					\$80,000.00
SURVEYING (5%)					\$20,000.00
ENGINEERING (10%)					\$40,000.00
CONSTRUCTION MANAGEMENT (15%)					\$60,000.00
<b>TOTAL PROJECT COST</b>					<b>\$600,000.00</b>

<b>Project Title:</b>	<b>Location:</b>
<b>Patricia Lane Microsurfacing</b>	<b>Old Highway 49 to End of Street</b>
<p><u>Project Identified By:</u> City Sanitary Sewer CIP indicates sanitary sewer main replacement on this street. City would resurface street after this work is completed.</p> <p><u>Work Description:</u> Install asphalt concrete dig outs for approximately 15% of the roadway and install microsurfacing for approximately 2,000 L.F. of road.</p>	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$188,000.00	\$188,000.00
Construction Contingency (20%)				\$ 37,600.00
Surveying (5%)				\$ 9,400.00
Engineering (10%)				\$ 18,800.00
Construction Management (15%)				\$ 28,200.00
			<i>Subtotal</i>	\$ 94,000.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$282,000.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
PATRICIA LANE 15% DIG OUTS & MICROSURFACING  
FROM OLD HIGHWAY 49 TO END OF STREET  
8/23/2024**

<b>ITEM NO.</b>	<b>ITEM</b>	<b>UNIT OF MEASURE</b>	<b>EST. QTY.</b>	<b>UNIT PRICE</b>	<b>ITEM TOTAL</b>
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	2	\$2,500.00	\$5,000.00
2	TRAFFIC CONTROL	DAY	4	\$2,500.00	\$10,000.00
3	CLEARING & GRUBBING	DAY	2	\$5,000.00	\$10,000.00
4	ASPHALT CONCRETE GRIND	DAY	1	\$6,000.00	\$6,000.00
5	ASPHALT CONCRETE	TON	115	\$350.00	\$40,250.00
6	AGGREGATE BASE	TON	20	\$100.00	\$2,000.00
7	MICROSURFACING	SF	60,000	\$1.75	\$105,000.00
8	CONCRETE CURB & GUTTER	LF	50	\$50.00	\$2,500.00
9	ADJUST WATER METER BOX TO GRADE	EACH	2	\$750.00	\$1,500.00
10	ADJUST WATER VALVE BOX TO GRADE	EACH	1	\$750.00	\$750.00
11	SIGNING AND STRIPING	LS	1	\$5,000.00	\$5,000.00
<b>CONSTRUCTION SUBTOTAL</b>					<b>\$188,000.00</b>
CONSTRUCTION CONTINGENCY (20%)					\$37,600.00
SURVEYING (5%)					\$9,400.00
ENGINEERING (10%)					\$18,800.00
CONSTRUCTION MANAGEMENT (15%)					\$28,200.00
<b>TOTAL PROJECT COST</b>					<b>\$282,000.00</b>

<b>Project Title:</b>	<b>Location:</b>
<b>Judy Drive Microsurfacing</b>	<b>Entire Street</b>
<p><u>Project Identified By:</u> City Sanitary Sewer CIP indicates sanitary sewer main replacement on this street. City would resurface street after this work is completed.</p> <p><u>Work Description:</u> Install asphalt concrete dig outs for approximately 15% of the roadway and install microsurfacing for approximately 1,400 L.F. of road.</p>	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$142,500.00	\$142,500.00
Construction Contingency (20%)				\$ 28,500.00
Surveying (5%)				\$ 7,125.00
Engineering (10%)				\$ 14,250.00
Construction Management (15%)				\$ 21,375.00
			<i>Subtotal</i>	\$ 71,250.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$213,750.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
JUDY DRIVE 15% DIGOUTS & MICROSURFACING  
ENTIRE STREET  
8/23/2024**

<b>ITEM NO.</b>	<b>ITEM</b>	<b>UNIT OF MEASURE</b>	<b>EST. QTY.</b>	<b>UNIT PRICE</b>	<b>ITEM TOTAL</b>
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	2	\$2,500.00	\$5,000.00
2	TRAFFIC CONTROL	DAY	4	\$2,500.00	\$10,000.00
3	CLEARING & GRUBBING	DAY	2	\$5,000.00	\$10,000.00
4	ASPHALT CONCRETE GRIND	DAY	1	\$6,000.00	\$6,000.00
5	ASPHALT CONCRETE	TON	75	\$350.00	\$26,250.00
6	AGGREGATE BASE	TON	20	\$100.00	\$2,000.00
7	MICROSURFACING	SF	40,000	\$1.75	\$70,000.00
8	ADJUST WATER METER BOX TO GRADE	EACH	3	\$750.00	\$2,250.00
9	ADJUST WATER VALVE BOX TO GRADE	EACH	8	\$750.00	\$6,000.00
10	SIGNING AND STRIPING	LS	1	\$5,000.00	\$5,000.00
<b>CONSTRUCTION SUBTOTAL</b>					<b>\$142,500.00</b>
CONSTRUCTION CONTINGENCY (20%)					\$28,500.00
SURVEYING (5%)					\$7,125.00
ENGINEERING (10%)					\$14,250.00
CONSTRUCTION MANAGEMENT (15%)					\$21,375.00
<b>TOTAL PROJECT COST</b>					<b>\$213,750.00</b>

<b>Project Title:</b>	<b>Location:</b>
<b>Sutter Hill Road Rehabilitation</b>	<b>Main Street to Eureka Road</b>
<p><u>Project Identified By:</u> City Staff.</p> <p><u>Work Description:</u> Install 2" asphalt concrete for approximately 2,250 L.F. of road and drainage improvements.</p>	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$468,750.00	\$468,750.00
Construction Contingency (20%)				\$ 93,750.00
Surveying (5%)				\$ 23,437.50
Engineering (10%)				\$ 46,875.00
Construction Management (15%)				\$ 70,312.50
<i>Subtotal</i>				\$ 234,375.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$703,125.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
SUTTER HILL ROAD REHABILITATION  
FROM MAIN STREET TO EUREKA ROAD  
8/23/2024**

<b>ITEM NO.</b>	<b>ITEM</b>	<b>UNIT OF MEASURE</b>	<b>EST. QTY.</b>	<b>UNIT PRICE</b>	<b>ITEM TOTAL</b>
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	8	\$2,500.00	\$20,000.00
2	TRAFFIC CONTROL	DAY	12	\$2,500.00	\$30,000.00
3	CLEARING & GRUBBING	DAY	6	\$5,000.00	\$30,000.00
4	ASPHALT CONCRETE GRIND	DAY	1	\$6,000.00	\$6,000.00
5	ASPHALT CONCRETE LEVELING COURSE	TON	100	\$400.00	\$40,000.00
6	ASPHALT CONCRETE	TON	700	\$250.00	\$175,000.00
7	AGGREGATE BASE	TON	150	\$100.00	\$15,000.00
8	ADJUST MANHOLE TO GRADE	EACH	3	\$2,500.00	\$7,500.00
9	ADJUST WATER VALVE BOX TO GRADE	EACH	3	\$750.00	\$2,250.00
10	18-INCH DIAMETER STORM DRAIN	LF	310	\$200.00	\$62,000.00
11	CEMENT SLURRY BACKFILL	CY	80	\$200.00	\$16,000.00
12	REGRADE EXISTING DRAINAGE DITCH	LF	3,000	\$15.00	\$45,000.00
13	UNSUITABLE MATERIAL	CY	100	\$100.00	\$10,000.00
14	SIGNING AND STRIPING	LS	1	\$10,000.00	\$10,000.00
<b>CONSTRUCTION SUBTOTAL</b>					<b>\$468,750.00</b>
CONSTRUCTION CONTINGENCY (20%)					\$93,750.00
SURVEYING (5%)					\$23,437.50
ENGINEERING (10%)					\$46,875.00
CONSTRUCTION MANAGEMENT (15%)					\$70,312.50
<b>TOTAL PROJECT COST</b>					<b>\$703,125.00</b>

<b>Project Title:</b>	<b>Location:</b>
<b>Old Ridge Road Rehabilitation</b>	<b>Sutter Hill Road to Eureka Road</b>
<p><u>Project Identified By:</u> City Staff.</p> <p><u>Work Description:</u> Install 2" asphalt concrete for approximately 1,600 L.F. of road improvements.</p>	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$200,750.00	\$200,750.00
Construction Contingency (20%)				\$ 40,150.00
Surveying (5%)				\$ 10,037.50
Engineering (10%)				\$ 20,075.00
Construction Management (15%)				\$ 30,112.50
			<i>Subtotal</i>	\$ 100,375.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$301,125.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
OLD RIDGE ROAD REHABILITATION  
FROM SUTTER HILL ROAD TO EUREKA ROAD  
8/23/2024**

<b>ITEM NO.</b>	<b>ITEM</b>	<b>UNIT OF MEASURE</b>	<b>EST. QTY.</b>	<b>UNIT PRICE</b>	<b>ITEM TOTAL</b>
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	2	\$2,500.00	\$5,000.00
2	TRAFFIC CONTROL	DAY	4	\$2,500.00	\$10,000.00
3	CLEARING & GRUBBING	DAY	2	\$5,000.00	\$10,000.00
4	ASPHALT CONCRETE GRIND	DAY	1	\$6,000.00	\$6,000.00
5	ASPHALT CONCRETE LEVELING COURSE	TON	50	\$400.00	\$20,000.00
6	ASPHALT CONCRETE	TON	350	\$350.00	\$122,500.00
7	AGGREGATE BASE	TON	50	\$100.00	\$5,000.00
8	ADJUST MANHOLE TO GRADE	EACH	4	\$2,500.00	\$10,000.00
9	ADJUST WATER METER BOX TO GRADE	EACH	3	\$750.00	\$2,250.00
10	SIGNING AND STRIPING	LS	1	\$10,000.00	\$10,000.00
<b>CONSTRUCTION SUBTOTAL</b>					<b>\$200,750.00</b>
CONSTRUCTION CONTINGENCY (20%)					\$40,150.00
SURVEYING (5%)					\$10,037.50
ENGINEERING (10%)					\$20,075.00
CONSTRUCTION MANAGEMENT (15%)					\$30,112.50
<b>TOTAL PROJECT COST</b>					<b>\$301,125.00</b>

<b>Project Title:</b>	<b>Location:</b>
<b>Church Street Rehabilitation</b>	<b>Greenstone Terrace to City Limit</b>
<p><u>Project Identified By:</u> City Staff.</p> <p><u>Work Description:</u> Install 2" asphalt concrete for approximately 1,100 L.F. of road and drainage improvements.</p>	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$206,500.00	\$206,500.00
Construction Contingency (20%)				\$ 41,300.00
Surveying (5%)				\$ 10,325.00
Engineering (10%)				\$ 20,650.00
Construction Management (15%)				\$ 30,975.50
			<i>Subtotal</i>	\$ 103,250.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$309,750.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
CHURCH STREET REHABILITATION  
FROM GREENSTONE TERRACE TO CITY LIMIT  
8/23/2024**

<b>ITEM NO.</b>	<b>ITEM</b>	<b>UNIT OF MEASURE</b>	<b>EST. QTY.</b>	<b>UNIT PRICE</b>	<b>ITEM TOTAL</b>
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	2	\$2,500.00	\$5,000.00
2	TRAFFIC CONTROL	DAY	6	\$2,500.00	\$15,000.00
3	CLEARING & GRUBBING	DAY	1	\$5,000.00	\$5,000.00
4	ASPHALT CONCRETE GRIND	DAY	2	\$6,000.00	\$12,000.00
5	ASPHALT CONCRETE LEVELING COURSE	TON	80	\$400.00	\$32,000.00
6	ASPHALT CONCRETE	TON	300	\$350.00	\$105,000.00
7	AGGREGATE BASE	TON	75	\$100.00	\$7,500.00
8	REGRADE EXISTING DRAINAGE DITCH	LF	1,000	\$15.00	\$15,000.00
9	SIGNING AND STRIPING	LS	1	\$10,000.00	\$10,000.00
<b>CONSTRUCTION SUBTOTAL</b>					<b>\$206,500.00</b>
CONSTRUCTION CONTINGENCY (20%)					\$41,300.00
SURVEYING (5%)					\$10,325.00
ENGINEERING (10%)					\$20,650.00
CONSTRUCTION MANAGEMENT (15%)					\$30,975.00
<b>TOTAL PROJECT COST</b>					<b>\$309,750.00</b>

<b>Project Title:</b>	<b>Location:</b>
<b>Badger Street Road Rehabilitation</b>	<b>Badger Street Bridge Conform to Karsan Drive</b>
<p><u>Project Identified By:</u> City Staff.</p> <p><u>Work Description:</u> Mill and Fill 2" asphalt concrete for approximately 1,300 L.F. of road and drainage improvements.</p>	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$259,500.00	\$259,500.00
Construction Contingency (20%)				\$ 51,900.00
Surveying (5%)				\$ 12,975.00
Engineering (10%)				\$ 25,950.00
Construction Management (15%)				\$ 38,925.00
<i>Subtotal</i>				\$ 129,750.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$389,250.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
BADGER STREET ROAD REHABILITATION  
FROM BRIDGE CONFORM TO KARSAN DRIVE  
8/23/2024**

<b>ITEM NO.</b>	<b>ITEM</b>	<b>UNIT OF MEASURE</b>	<b>EST. QTY.</b>	<b>UNIT PRICE</b>	<b>ITEM TOTAL</b>
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	2	\$2,500.00	\$5,000.00
2	TRAFFIC CONTROL	DAY	6	\$2,500.00	\$15,000.00
3	CLEARING & GRUBBING	DAY	4	\$5,000.00	\$20,000.00
4	ASPHALT CONCRETE GRIND	DAY	2	\$6,000.00	\$12,000.00
5	ASPHALT CONCRETE	TON	450	\$250.00	\$112,500.00
6	AGGREGATE BASE	TON	40	\$100.00	\$4,000.00
7	ADJUST MANHOLE TO GRADE	EACH	2	\$2,500.00	\$5,000.00
8	ADJUST WATER METER BOX TO GRADE	EACH	7	\$750.00	\$5,250.00
9	ADJUST WATER VALVE BOX TO GRADE	EACH	5	\$750.00	\$3,750.00
10	18-INCH DIAMETER STORM DRAIN	LF	250	\$200.00	\$50,000.00
11	STORM DRAIN INLET	EACH	4	\$5,000.00	\$20,000.00
12	FENCING	LF	40	\$50.00	\$2,000.00
13	CEMENT SLURRY BACKFILL	CY	20	\$200.00	\$4,000.00
14	UNSUITABLE MATERIAL	CY	10	\$100.00	\$1,000.00
<b>CONSTRUCTION SUBTOTAL</b>					<b>\$259,500.00</b>
CONSTRUCTION CONTINGENCY (20%)					\$51,900.00
SURVEYING (5%)					\$12,975.00
ENGINEERING (10%)					\$25,950.00
CONSTRUCTION MANAGEMENT (15%)					\$38,925.00
<b>TOTAL PROJECT COST</b>					<b>\$389,250.00</b>

<b>Project Title:</b>	<b>Location:</b>
<b>Gopher Flat Road Rehabilitation</b>	<b>Main Street to Cole Street</b>
<p><u>Project Identified By:</u> Table 3.14 of the Circulation Element (Project ID MM-1).</p> <p><u>Work Description:</u> Install 2" asphalt concrete for approximately 1,100 L.F. of road, drainage and ADA improvements.</p>	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$539,250.00	\$539,250.00
Construction Contingency (20%)				\$ 107,850.00
Surveying (5%)				\$ 26,962.50
Engineering (10%)				\$ 53,925.00
Construction Management (15%)				\$ 80,887.50
<i>Subtotal</i>				\$ 269,625.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$808,875.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
GOPHER FLAT REHABILITATION  
FROM MAIN STREET TO COLE STREET  
8/23/2024**

<b>ITEM NO.</b>	<b>ITEM</b>	<b>UNIT OF MEASURE</b>	<b>EST. QTY.</b>	<b>UNIT PRICE</b>	<b>ITEM TOTAL</b>
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	4	\$2,500.00	\$10,000.00
2	TRAFFIC CONTROL	DAY	30	\$2,500.00	\$75,000.00
3	CLEARING & GRUBBING	DAY	5	\$5,000.00	\$25,000.00
4	ASPHALT CONCRETE GRIND	DAY	2	\$6,000.00	\$12,000.00
5	ASPHALT CONCRETE	TON	600	\$250.00	\$150,000.00
6	AGGREGATE BASE	TON	100	\$100.00	\$10,000.00
7	EARTHWORK	LS	1	\$10,000.00	\$10,000.00
8	CONCRETE ADA RAMP	EACH	5	\$5,000.00	\$25,000.00
9	12-INCH DIAMETER STORM DRAIN	LF	200	\$160.00	\$32,000.00
10	STORM DRAIN INLET	EACH	2	\$5,000.00	\$10,000.00
11	RECONSTRUCT CONCRETE BOX CULVERT	LF	50	\$2,000.00	\$100,000.00
12	ADJUST MANHOLE TO GRADE	EACH	7	\$2,500.00	\$17,500.00
13	ADJUST WATER VALVE BOX TO GRADE	EACH	12	\$750.00	\$9,000.00
14	ADJUST WATER METER TO GRADE	EACH	1	\$750.00	\$750.00
15	SIGNING AND STRIPING	LS	1	\$25,000.00	\$25,000.00
16	TREE REMOVAL	EACH	2	\$5,000.00	\$10,000.00
17	EROSION CONTROL	DAY	1	\$5,000.00	\$5,000.00
18	CEMENT SLURRY BACKFILL	CY	50	\$200.00	\$10,000.00
19	UNSUITABLE MATERIAL	CY	30	\$100.00	\$3,000.00
<b>CONSTRUCTION SUBTOTAL</b>					<b>\$539,250.00</b>
CONSTRUCTION CONTINGENCY (20%)					\$107,850.00
SURVEYING (5%)					\$26,962.50
ENGINEERING (10%)					\$53,925.00
CONSTRUCTION MANAGEMENT (15%)					\$80,887.50
<b>TOTAL PROJECT COST</b>					<b>\$808,875.00</b>

<b>Project Title:</b>	<b>Location:</b>
<b>Gopher Flat Road Widening &amp; Rehabilitation</b>	<b>Cole Street to 248 Gopher Flat Road</b>
<p><u>Project Identified By:</u> Table 3.14 of the Circulation Element (Project ID MM-1).</p> <p><u>Work Description:</u> Install curb, gutter and sidewalk and widen existing roadway to City Standards. Also install 2" asphalt concrete for approximately 1,800 L.F. of road, drainage and ADA improvements.</p>	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$1,776,450.00	\$1,776,450.00
Construction Contingency (20%)				\$ 355,290.00
Surveying (5%)				\$ 88,822.50
Engineering (10%)				\$ 177,645.00
Construction Management (15%)				\$ 266,467.50
			<i>Subtotal</i>	\$ 888,225.00
Environmental Document				\$ 50,000.00
Right of Way Acquisition				\$ 50,000.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$2,764,675.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
GOPHER FLAT ROAD WIDENING & REHABILITATION  
FROM COLE STREET TO 248 GOPHER FLAT ROAD  
8/23/2024**

ITEM NO.	ITEM	UNIT OF MEASURE	EST. QTY.	UNIT PRICE	ITEM TOTAL
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	10	\$2,500.00	\$25,000.00
2	TRAFFIC CONTROL	DAY	80	\$2,500.00	\$200,000.00
3	CLEARING & GRUBBING	DAY	10	\$5,000.00	\$50,000.00
4	ASPHALT CONCRETE GRIND	DAY	2	\$6,000.00	\$12,000.00
5	ASPHALT CONCRETE	TON	1,200	\$250.00	\$300,000.00
6	AGGREGATE BASE	TON	1,600	\$100.00	\$160,000.00
7	EARTHWORK	LS	1	\$250,000.00	\$250,000.00
8	TREE REMOVAL	EACH	15	\$5,000.00	\$75,000.00
9	CONCRETE CURB & GUTTER	LF	2,000	\$50.00	\$100,000.00
10	CONCRETE SIDEWALK	SF	7,000	\$16.00	\$112,000.00
11	CONCRETE SIDEWALK AT DRIVEWAYS	SF	1,000	\$18.00	\$18,000.00
12	CONCRETE ADA RAMP	EACH	1	\$5,000.00	\$5,000.00
13	CONCRETE STEM WALL (0-2 FT HT.)	LF	380	\$75.00	\$28,500.00
14	REGRADE EXISTING DITCH	LF	600	\$15.00	\$9,000.00
15	12-INCH DIAMETER STORM DRAIN	LF	270	\$160.00	\$43,200.00
16	STORM DRAIN INLET	EACH	6	\$5,000.00	\$30,000.00
17	ROCK SLOPE PROTECTION	TON	100	\$150.00	\$15,000.00
18	ADJUST MANHOLE TO GRADE	EACH	6	\$2,500.00	\$15,000.00
19	ADJUST WATER VALVE BOX TO GRADE	EACH	3	\$750.00	\$2,250.00
20	ADJUST WATER METER TO GRADE	EACH	6	\$750.00	\$4,500.00
21	RELOCATE FIRE HYDRANT	EACH	1	\$2,000.00	\$2,000.00
22	FENCING	LF	1,300	\$50.00	\$65,000.00
23	SIGNING AND STRIPING	LS	1	\$10,000.00	\$10,000.00
24	EROSION CONTROL	DAY	4	\$5,000.00	\$20,000.00
25	CEMENT SLURRY BACKFILL	CY	100	\$200.00	\$20,000.00
26	UNSUITABLE MATERIAL	CY	50	\$100.00	\$5,000.00
27	UTILITY POLE RELOCATION	EACH	4	\$50,000.00	\$200,000.00
CONSTRUCTION SUBTOTAL					\$1,776,450.00
CONSTRUCTION CONTINGENCY (20%)					\$355,290.00
SURVEYING (5%)					\$88,822.50
ENGINEERING (10%)					\$177,645.00
CONSTRUCTION MANAGEMENT (15%)					\$266,467.50
ENVIRONMENTAL DOCUMENT					\$50,000.00
RIGHT OF WAY ACQUISITION					\$50,000.00
<b>TOTAL PROJECT COST</b>					<b>\$2,764,675.00</b>

<b>Project Title:</b>	<b>Location:</b>
<b>Gopher Flat Road Rehabilitation</b>	<b>248 Gopher Flat Road to Golden Hills Drive</b>
<p><u>Project Identified By:</u> Table 3.14 of the Circulation Element (Project ID MM-1).</p> <p><u>Work Description:</u> Install 2" asphalt concrete for approximately 1,850 L.F. of road, drainage, sidewalk and ADA improvements.</p>	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$854,980.00	\$854,980.00
Construction Contingency (20%)				\$ 170,996.00
Surveying (5%)				\$ 42,749.00
Engineering (10%)				\$ 85,498.00
Construction Management (15%)				\$ 128,247.00
			<i>Subtotal</i>	\$ 427,490.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$1,282,470.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
GOPHER FLAT REHABILITATION  
FROM 248 GOPHER FLAT ROAD TO GOLDEN HILLS DRIVE  
8/23/2024**

ITEM NO.	ITEM	UNIT OF MEASURE	EST. QTY.	UNIT PRICE	ITEM TOTAL
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	10	\$2,500.00	\$25,000.00
2	TRAFFIC CONTROL	DAY	30	\$2,500.00	\$75,000.00
3	CLEARING & GRUBBING	DAY	5	\$5,000.00	\$25,000.00
4	ASPHALT CONCRETE GRIND	DAY	2	\$6,000.00	\$12,000.00
5	ASPHALT CONCRETE LEVELING COURSE	TON	360	\$400.00	\$144,000.00
6	ASPHALT CONCRETE	TON	950	\$250.00	\$237,500.00
7	AGGREGATE BASE	TON	100	\$100.00	\$10,000.00
8	EARTHWORK	LS	1	\$10,000.00	\$10,000.00
9	CONCRETE SIDEWALK	SF	3,000	\$16.00	\$48,000.00
10	CONCRETE SIDEWALK AT DRIVEWAYS	SF	360	\$18.00	\$6,480.00
11	CONCRETE ADA RAMP	EACH	5	\$5,000.00	\$25,000.00
12	REGRADE EXISTING DITCH	LF	1,800	\$15.00	\$27,000.00
13	30-INCH DIAMETER STORM DRAIN	LF	150	\$240.00	\$36,000.00
14	36-INCH DIAMETER STORM DRAIN	LF	100	\$260.00	\$26,000.00
15	42-INCH DIAMETER STORM DRAIN	LF	80	\$300.00	\$24,000.00
16	STORM DRAIN INLET	EACH	3	\$5,000.00	\$15,000.00
17	ROCK SLOPE PROTECTION	TON	20	\$150.00	\$3,000.00
18	ADJUST MANHOLE TO GRADE	EACH	8	\$2,500.00	\$20,000.00
19	ADJUST WATER VALVE BOX TO GRADE	EACH	18	\$750.00	\$13,500.00
20	ADJUST WATER METER TO GRADE	EACH	2	\$750.00	\$1,500.00
21	ADJUST WATER VAULT TO GRADE	EACH	1	\$5,000.00	\$5,000.00
22	RELOCATE FIRE HYDRANT	EACH	1	\$2,000.00	\$2,000.00
23	SIGNING AND STRIPING	LS	1	\$25,000.00	\$25,000.00
24	EROSION CONTROL	DAY	2	\$5,000.00	\$10,000.00
25	CEMENT SLURRY BACKFILL	CY	120	\$200.00	\$24,000.00
26	UNSUITABLE MATERIAL	CY	50	\$100.00	\$5,000.00
<b>CONSTRUCTION SUBTOTAL</b>					<b>\$854,980.00</b>
CONSTRUCTION CONTINGENCY (20%)					\$170,996.00
SURVEYING (5%)					\$42,749.00
ENGINEERING (10%)					\$85,498.00
CONSTRUCTION MANAGEMENT (15%)					\$128,247.00
<b>TOTAL PROJECT COST</b>					<b>\$1,282,470.00</b>

<b>Project Title:</b>	<b>Location:</b>
<b>Valley View Rehabilitation</b>	<b>SR 49 to end of Street</b>
<p><u>Project Identified By:</u> City Council and Table 3.14 of the Circulation Element (Project ID MM-22).</p> <p><u>Work Description:</u> Install 2" asphalt concrete for approximately 1,200 L.F. of road, drainage, striping and ADA improvements.</p>	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$359,560.00	\$359,560.00
Construction Contingency (20%)				\$ 71,912.00
Surveying (5%)				\$ 17,978.00
Engineering (10%)				\$ 35,956.00
Construction Management (15%)				\$ 53,934.00
			<i>Subtotal</i>	\$ 179,780.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$ 539,340.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
VALLEY VIEW REHABILITATION  
FROM STATE ROUTE 49 TO END OF ROAD  
8/23/2024**

<b>ITEM NO.</b>	<b>ITEM</b>	<b>UNIT OF MEASURE</b>	<b>EST. QTY.</b>	<b>UNIT PRICE</b>	<b>ITEM TOTAL</b>
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	2	\$2,500.00	\$5,000.00
2	TRAFFIC CONTROL	DAY	10	\$2,500.00	\$25,000.00
3	CLEARING & GRUBBING	DAY	2	\$5,000.00	\$10,000.00
4	ASPHALT CONCRETE GRIND	DAY	1	\$6,000.00	\$6,000.00
5	ASPHALT CONCRETE LEVELING COURSE	TON	225	\$400.00	\$90,000.00
6	ASPHALT CONCRETE	TON	450	\$250.00	\$112,500.00
7	AGGREGATE BASE	TON	20	\$100.00	\$2,000.00
8	CONCRETE CURB & GUTTER	LF	30	\$50.00	\$1,500.00
9	CONCRETE SIDEWALK	SF	160	\$16.00	\$2,560.00
10	CONCRETE ADA RAMP	EACH	3	\$5,000.00	\$15,000.00
11	18-INCH DIAMETER STORM DRAIN	LF	250	\$200.00	\$50,000.00
12	STORM DRAIN INLET	EACH	1	\$5,000.00	\$5,000.00
13	ADJUST MANHOLE TO GRADE	EACH	4	\$2,500.00	\$10,000.00
14	ADJUST WATER VALVE BOX TO GRADE	EACH	12	\$750.00	\$9,000.00
15	SIGNING AND STRIPING	LS	1	\$5,000.00	\$5,000.00
16	CEMENT SLURRY BACKFILL	CY	50	\$200.00	\$10,000.00
17	UNSUITABLE MATERIAL	CY	10	\$100.00	\$1,000.00
<b>CONSTRUCTION SUBTOTAL</b>					<b>\$359,560.00</b>
CONSTRUCTION CONTINGENCY (20%)					\$71,912.00
SURVEYING (5%)					\$17,978.00
ENGINEERING (10%)					\$35,956.00
CONSTRUCTION MANAGEMENT (15%)					\$53,934.00
<b>TOTAL PROJECT COST</b>					<b>\$539,340.00</b>

<b>Project Title:</b>	<b>Location:</b>
<b>Bowers Drive Rehabilitation</b>	<b>Valley View to SR 104</b>
<p><u>Project Identified By:</u> City Council and Table 3.14 of the Circulation Element (Project ID MM-23).</p> <p><u>Work Description:</u> Install 2" asphalt concrete for approximately 1,200 L.F. of road, drainage, striping and ADA improvements.</p>	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$349,750.00	\$349,750.00
Construction Contingency (20%)				\$ 69,950.00
Surveying (5%)				\$ 17,487.50
Engineering (10%)				\$ 34,975.00
Construction Management (15%)				\$ 52,462.50
			<i>Subtotal</i>	\$ 174,875.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$ 524,625.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
BOWERS DRIVE REHABILITATION  
FROM STATE ROUTE 104 TO VALLEY VIEW  
8/23/2024**

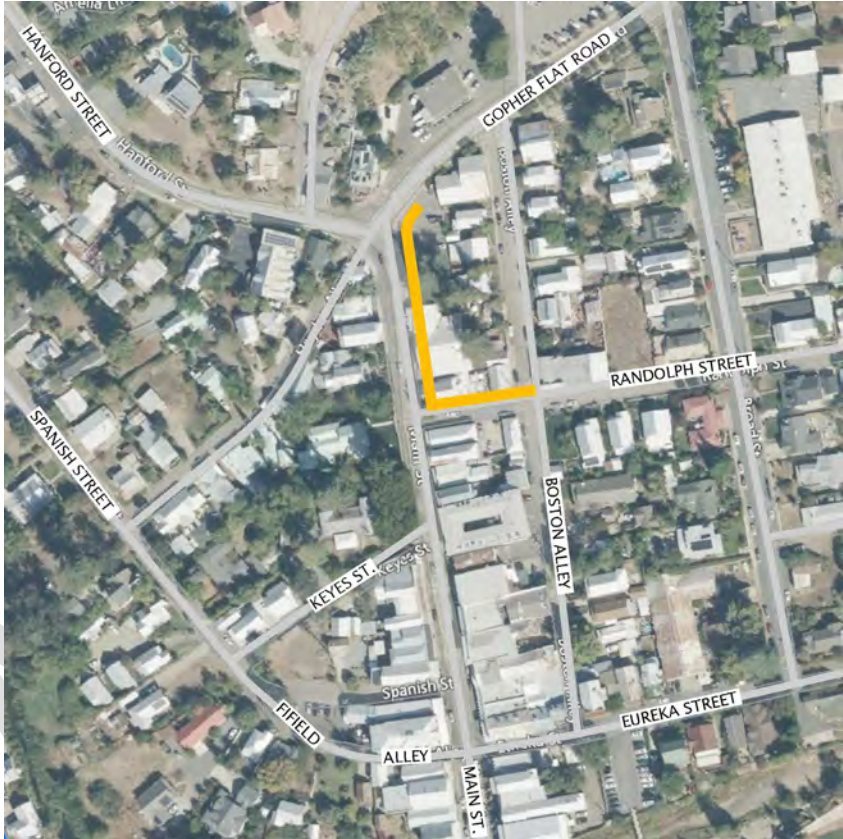
<b>ITEM NO.</b>	<b>ITEM</b>	<b>UNIT OF MEASURE</b>	<b>EST. QTY.</b>	<b>UNIT PRICE</b>	<b>ITEM TOTAL</b>
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	2	\$2,500.00	\$5,000.00
2	TRAFFIC CONTROL	DAY	10	\$2,500.00	\$25,000.00
3	CLEARING & GRUBBING	DAY	2	\$5,000.00	\$10,000.00
4	ASPHALT CONCRETE GRIND	DAY	1	\$6,000.00	\$6,000.00
5	ASPHALT CONCRETE LEVELING COURSE	TON	200	\$400.00	\$80,000.00
6	ASPHALT CONCRETE	TON	400	\$250.00	\$100,000.00
7	AGGREGATE BASE	TON	20	\$100.00	\$2,000.00
8	CONCRETE ADA RAMP	EACH	4	\$5,000.00	\$20,000.00
9	18-INCH DIAMETER STORM DRAIN	LF	300	\$200.00	\$60,000.00
10	STORM DRAIN INLET	EACH	3	\$5,000.00	\$15,000.00
11	ADJUST MANHOLE TO GRADE	EACH	2	\$2,500.00	\$5,000.00
12	ADJUST WATER VALVE BOX TO GRADE	EACH	5	\$750.00	\$3,750.00
13	SIGNING AND STRIPING	LS	1	\$5,000.00	\$5,000.00
14	CEMENT SLURRY BACKFILL	CY	60	\$200.00	\$12,000.00
15	UNSUITABLE MATERIAL	CY	10	\$100.00	\$1,000.00
<b>CONSTRUCTION SUBTOTAL</b>					<b>\$349,750.00</b>
CONSTRUCTION CONTINGENCY (20%)					\$69,950.00
SURVEYING (5%)					\$17,487.50
ENGINEERING (10%)					\$34,975.00
CONSTRUCTION MANAGEMENT (15%)					\$52,462.50
<b>TOTAL PROJECT COST</b>					<b>\$524,625.00</b>

<b>Project Title:</b> <b>Fifield Alley / Keyes St. / Hayden Alley Rehabilitation</b>	<b>Location:</b> <b>Main Street to Spanish Street</b>
<p><u>Project Identified By:</u> City Staff.</p> <p><u>Work Description:</u> Install 2" asphalt concrete for approximately 1,100 L.F. of road and drainage improvements.</p>	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$270,300.00	\$270,300.00
Construction Contingency (20%)				\$ 54,060.00
Surveying (5%)				\$ 13,515.00
Engineering (10%)				\$ 27,030.00
Construction Management (15%)				\$ 40,545.00
			<i>Subtotal</i>	\$ 135,150.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$ 405,450.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
FIFIELD ALLEY / KEYES ST. / HAYDEN ALLEY REHABILITATION  
8/23/2024**

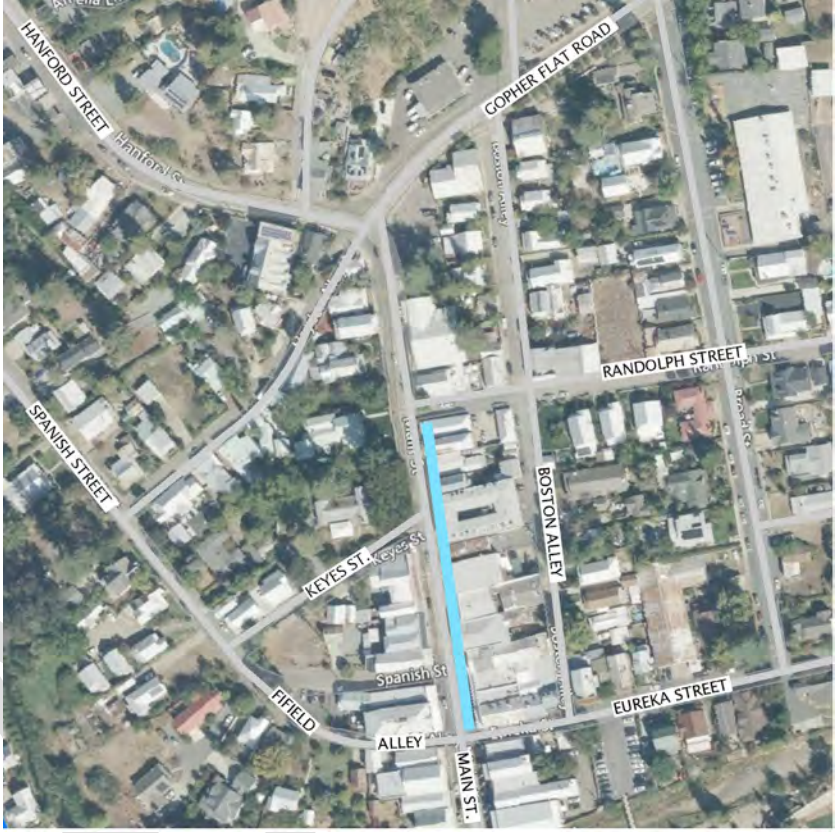
<b>ITEM NO.</b>	<b>ITEM</b>	<b>UNIT OF MEASURE</b>	<b>EST. QTY.</b>	<b>UNIT PRICE</b>	<b>ITEM TOTAL</b>
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	2	\$2,500.00	\$5,000.00
2	TRAFFIC CONTROL	DAY	5	\$2,500.00	\$12,500.00
3	CLEARING & GRUBBING	DAY	2	\$5,000.00	\$10,000.00
4	ASPHALT CONCRETE GRIND	DAY	1	\$6,000.00	\$6,000.00
5	ASPHALT CONCRETE LEVELING COURSE	TON	150	\$400.00	\$60,000.00
6	ASPHALT CONCRETE	TON	350	\$250.00	\$87,500.00
7	AGGREGATE BASE	TON	50	\$100.00	\$5,000.00
8	CONCRETE CURB & GUTTER	LF	100	\$50.00	\$5,000.00
9	CONCRETE SIDEWALK	SF	300	\$16.00	\$4,800.00
10	18-INCH DIAMETER STORM DRAIN	LF	150	\$200.00	\$30,000.00
11	STORM DRAIN INLET	EACH	2	\$5,000.00	\$10,000.00
12	ADJUST MANHOLE TO GRADE	EACH	6	\$2,500.00	\$15,000.00
13	ADJUST WATER METER TO GRADE	EACH	4	\$750.00	\$3,000.00
14	ADJUST WATER VALVE BOX TO GRADE	EACH	6	\$750.00	\$4,500.00
15	SIGNING AND STRIPING	LS	1	\$5,000.00	\$5,000.00
16	CEMENT SLURRY BACKFILL	CY	30	\$200.00	\$6,000.00
17	UNSUITABLE MATERIAL	CY	10	\$100.00	\$1,000.00
<b>CONSTRUCTION SUBTOTAL</b>					<b>\$270,300.00</b>
CONSTRUCTION CONTINGENCY (20%)					\$54,060.00
SURVEYING (5%)					\$13,515.00
ENGINEERING (10%)					\$27,030.00
CONSTRUCTION MANAGEMENT (15%)					\$40,545.00
<b>TOTAL PROJECT COST</b>					<b>\$405,450.00</b>

<b>Project Title:</b>	<b>Location:</b>
<b>Main St. Sidewalk Replacement – Loc #1</b>	<b>East side of Main Street between Gopher Flat Road and Randolph Street and North Randolph Street to Boston Alley</b>
<u>Project Identified By:</u> City Staff.  <u>Work Description:</u> Remove and replace <b>portions</b> of concrete sidewalk that are damaged including stairs that are out of compliance with the building code. Will also include installing ADA ramp(s).	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$130,200.00	\$ 130,200.00
Construction Contingency (20%)				\$ 26,040.00
Surveying (5%)				\$ 6,510.00
Engineering (10%)				\$ 13,020.00
Construction Management (15%)				\$ 19,530.00
			<i>Subtotal</i>	\$ 65,100.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$195,300.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
SIDEWALK REPLACEMENT (PORTION)  
MAIN STREET - EAST SIDE BETWEEN GOPHER FLAT/RANDOLPH & NORTH SIDE RANDOLPH  
8/23/2024**

<b>ITEM NO.</b>	<b>ITEM</b>	<b>UNIT OF MEASURE</b>	<b>EST. QTY.</b>	<b>UNIT PRICE</b>	<b>ITEM TOTAL</b>
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	4	\$2,500.00	\$10,000.00
2	TRAFFIC CONTROL	DAY	9	\$2,500.00	\$22,500.00
3	CLEARING & GRUBBING	DAY	7	\$5,000.00	\$35,000.00
4	EARTHWORK	LS	1	\$10,000.00	\$10,000.00
5	AGGREGATE BASE	TON	55	\$100.00	\$5,500.00
6	CONCRETE SIDEWALK	SF	1,150	\$16.00	\$18,400.00
7	CONCRETE STAIRS	SF	14	\$200.00	\$2,800.00
8	RAILING	LF	30	\$300.00	\$9,000.00
9	ADA RAMP	EA	1	\$5,000.00	\$5,000.00
10	TREE REMOVAL	EA	1	\$5,000.00	\$5,000.00
11	CONCRETE RETAINING WALL	LF	10	\$200.00	\$2,000.00
12	DRAINAGE INLET	EA	1	\$5,000.00	\$5,000.00
<b>CONSTRUCTION SUBTOTAL</b>					<b>\$130,200.00</b>
CONSTRUCTION CONTINGENCY (20%)					\$26,040.00
SURVEYING (5%)					\$6,510.00
ENGINEERING (10%)					\$13,020.00
CONSTRUCTION MANAGEMENT (15%)					\$19,530.00
<b>TOTAL PROJECT COST</b>					<b>\$195,300.00</b>

<b>Project Title:</b>	<b>Location:</b>
<b>Main St. Sidewalk Replacement – Loc #2</b>	<b>East side of Main Street between Randolph Street and Eureka Street</b>
<p><u>Project Identified By:</u> City Staff.</p> <p><u>Work Description:</u> Remove and replace <b>portions</b> of concrete sidewalk that are damaged including stairs that are out of compliance with the building code. Will also include installing ADA ramp(s).</p>	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$197,000.00	\$ 197,000.00
Construction Contingency (20%)				\$ 39,400.00
Surveying (5%)				\$ 9,850.00
Engineering (10%)				\$ 19,700.00
Construction Management (15%)				\$ 29,550.00
<i>Subtotal</i>				\$ 98,500.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$295,500.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
SIDEWALK REPLACEMENT (PORTION)  
MAIN STREET - EAST SIDE BETWEEN RANDOLPH ST. & EUREKA ST.  
8/23/2024**

<b>ITEM NO.</b>	<b>ITEM</b>	<b>UNIT OF MEASURE</b>	<b>EST. QTY.</b>	<b>UNIT PRICE</b>	<b>ITEM TOTAL</b>
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	4	\$2,500.00	\$10,000.00
2	TRAFFIC CONTROL	DAY	6	\$2,500.00	\$15,000.00
3	CLEARING & GRUBBING	DAY	8	\$5,000.00	\$40,000.00
4	EARTHWORK	LS	1	\$10,000.00	\$10,000.00
5	AGGREGATE BASE	TON	70	\$100.00	\$7,000.00
6	CONCRETE SIDEWALK	SF	950	\$16.00	\$15,200.00
7	CONCRETE STAIRS	SF	254	\$200.00	\$50,800.00
8	RAILING	LF	80	\$300.00	\$24,000.00
9	ADA RAMP	EA	1	\$5,000.00	\$5,000.00
10	RELOCATE STREET LIGHT	EA	1	\$20,000.00	\$20,000.00
<b>CONSTRUCTION SUBTOTAL</b>					<b>\$197,000.00</b>
CONSTRUCTION CONTINGENCY (20%)					\$39,400.00
SURVEYING (5%)					\$9,850.00
ENGINEERING (10%)					\$19,700.00
CONSTRUCTION MANAGEMENT (15%)					\$29,550.00
<b>TOTAL PROJECT COST</b>					<b>\$295,500.00</b>

<b>Project Title:</b>	<b>Location:</b>
<b>Main St. Sidewalk Replacement – Loc #3</b>	<b>West side of Main Street between Church Street and Nickerson Street</b>
<p><u>Project Identified By:</u> City Staff.</p> <p><u>Work Description:</u> Remove and replace <b>portions</b> of concrete sidewalk that are damaged. Will also include installing ADA ramp(s).</p>	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$100,050.00	\$ 100,050.00
Construction Contingency (20%)				\$ 20,010.00
Surveying (5%)				\$ 5,002.50
Engineering (10%)				\$ 10,005.00
Construction Management (15%)				\$ 15,007.50
			<i>Subtotal</i>	\$ 50,025.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$150,075.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
SIDEWALK REPLACEMENT (PORTION)  
MAIN STREET - WEST SIDE BETWEEN CHURCH ST. & NICKERSON ST.  
8/23/2024**

<b>ITEM NO.</b>	<b>ITEM</b>	<b>UNIT OF MEASURE</b>	<b>EST. QTY.</b>	<b>UNIT PRICE</b>	<b>ITEM TOTAL</b>
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	3	\$2,500.00	\$7,500.00
2	TRAFFIC CONTROL	DAY	7	\$2,500.00	\$17,500.00
3	CLEARING & GRUBBING	DAY	7	\$5,000.00	\$35,000.00
4	EARTHWORK	LS	1	\$10,000.00	\$10,000.00
5	AGGREGATE BASE	TON	35	\$100.00	\$3,500.00
6	CONCRETE SIDEWALK	SF	550	\$16.00	\$8,800.00
7	CONCRETE CURB & GUTTER	LF	40	\$50.00	\$2,000.00
8	CONCRETE STEM WALL	LF	30	\$75.00	\$2,250.00
9	ADA RAMP	EA	2	\$5,000.00	\$10,000.00
10	ASPHALT CONCRETE	TON	10	\$350.00	\$3,500.00
<b>CONSTRUCTION SUBTOTAL</b>					<b>\$100,050.00</b>
CONSTRUCTION CONTINGENCY (20%)					\$20,010.00
SURVEYING (5%)					\$5,002.50
ENGINEERING (10%)					\$10,005.00
CONSTRUCTION MANAGEMENT (15%)					\$15,007.50
<b>TOTAL PROJECT COST</b>					<b>\$150,075.00</b>

<b>Project Title:</b>	<b>Location:</b>
<b>Main St. Sidewalk Replacement – Loc #4</b>	<b>West side of Main Street between Fifield Alley and Keyes Street</b>
<p><u>Project Identified By:</u> City Staff.</p> <p><u>Work Description:</u> Remove and replace <b>portions</b> of concrete sidewalk that are damaged including stairs that are out of compliance with the building code.</p>	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$110,208.00	\$ 110,208.00
Construction Contingency (20%)				\$ 22,041.60
Surveying (5%)				\$ 5,510.40
Engineering (10%)				\$ 11,020.80
Construction Management (15%)				\$ 16,531.20
			<i>Subtotal</i>	\$ 55,104.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$165,312.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
SIDEWALK REPLACEMENT (PORTION)  
MAIN STREET - WEST SIDE BETWEEN FIEFIELD ALLEY & KEYES ST.  
8/23/2024**

<b>ITEM NO.</b>	<b>ITEM</b>	<b>UNIT OF MEASURE</b>	<b>EST. QTY.</b>	<b>UNIT PRICE</b>	<b>ITEM TOTAL</b>
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	4	\$2,500.00	\$10,000.00
2	TRAFFIC CONTROL	DAY	6	\$2,500.00	\$15,000.00
3	CLEARING & GRUBBING	DAY	4	\$5,000.00	\$20,000.00
4	EARTHWORK	LS	1	\$10,000.00	\$10,000.00
5	AGGREGATE BASE	TON	40	\$100.00	\$4,000.00
6	CONCRETE SIDEWALK	SF	488	\$16.00	\$7,808.00
7	CONCRETE STAIRS	SF	142	\$200.00	\$28,400.00
8	RAILING	LF	50	\$300.00	\$15,000.00
<b>CONSTRUCTION SUBTOTAL</b>					<b>\$110,208.00</b>
CONSTRUCTION CONTINGENCY (20%)					\$22,041.60
SURVEYING (5%)					\$5,510.40
ENGINEERING (10%)					\$11,020.80
CONSTRUCTION MANAGEMENT (15%)					\$16,531.20
<b>TOTAL PROJECT COST</b>					<b>\$165,312.00</b>

<b>Project Title:</b>	<b>Location:</b>
<b>Main St. Sidewalk Replacement – Loc #5</b>	<b>West side of Main Street between Sutter Creek Inn/Foxes Inn to Hayden Alley</b>
<u>Project Identified By:</u> City Staff.  <u>Work Description:</u> Remove and replace <b>portions</b> of sidewalk that are damaged. Also, will include replacing wood boards on retaining wall at road level.	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$125,240.00	\$ 125,240.00
Construction Contingency (20%)				\$ 25,048.00
Surveying (5%)				\$ 6,262.00
Engineering (10%)				\$ 12,524.00
Construction Management (15%)				\$ 18,786.00
			<i>Subtotal</i>	\$ 62,620.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$187,860.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
SIDEWALK REPLACEMENT (PORTION)  
MAIN STREET - WEST SIDE IN FRONT OF SUTTER CREEK INN/FOXES INN TO HAYDEN ALLEY  
8/23/2024**

<b>ITEM NO.</b>	<b>ITEM</b>	<b>UNIT OF MEASURE</b>	<b>EST. QTY.</b>	<b>UNIT PRICE</b>	<b>ITEM TOTAL</b>
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	6	\$2,500.00	\$15,000.00
2	TRAFFIC CONTROL	DAY	10	\$2,500.00	\$25,000.00
3	CLEARING & GRUBBING	DAY	8	\$5,000.00	\$40,000.00
4	EARTHWORK	LS	1	\$10,000.00	\$10,000.00
5	AGGREGATE BASE	TON	40	\$100.00	\$4,000.00
6	CONCRETE SIDEWALK	SF	1,140	\$16.00	\$18,240.00
7	ADJUST WATER METER BOX TO GRADE	EA	2	\$750.00	\$1,500.00
8	REPLACE WOOD BOARDS	LF	230	\$50.00	\$11,500.00
CONSTRUCTION SUBTOTAL					\$125,240.00
CONSTRUCTION CONTINGENCY (20%)					\$25,048.00
SURVEYING (5%)					\$6,262.00
ENGINEERING (10%)					\$12,524.00
CONSTRUCTION MANAGEMENT (15%)					\$18,786.00
TOTAL PROJECT COST					\$187,860.00

<b>Project Title:</b>	<b>Location:</b>
<b>Concrete Walking Path</b>	<b>Main Street from Miner's Bend to Sutter Hill Road adjacent to Campbell Landscape Materials</b>
<p><u>Project Identified By:</u> Table 3.14 of the Circulation Element (Project ID MM-13 and a portion of Project ID MM-16).</p> <p><u>Work Description:</u> Install curb, gutter, sidewalk and drainage improvements along Sutter Hill Road and concrete sidewalk along Main Street including ADA ramps.</p>	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$648,200.00	\$ 648,200.00
Construction Contingency (20%)				\$ 129,640.00
Surveying (5%)				\$ 32,410.00
Engineering (10%)				\$ 64,820.00
Construction Management (15%)				\$ 97,230.00
			<i>Subtotal</i>	\$ 324,100.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$972,300.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
CONCRETE WALKING PATH  
MAIN STREET AT MINER'S BEND TO SUTTER HILL  
8/23/2024**


<b>ITEM NO.</b>	<b>ITEM</b>	<b>UNIT OF MEASURE</b>	<b>EST. QTY.</b>	<b>UNIT PRICE</b>	<b>ITEM TOTAL</b>
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	4	\$2,500.00	\$10,000.00
2	TRAFFIC CONTROL	DAY	40	\$2,500.00	\$100,000.00
3	CLEARING & GRUBBING	DAY	6	\$5,000.00	\$30,000.00
4	EARTHWORK	LS	1	\$50,000.00	\$50,000.00
5	AGGREGATE BASE	TON	400	\$100.00	\$40,000.00
6	ASPHALT CONCRETE	TON	100	\$350.00	\$35,000.00
7	CONCRETE SIDEWALK	SF	5,200	\$16.00	\$83,200.00
8	CONCRETE CURB AND GUTTER	LF	1,300	\$50.00	\$65,000.00
9	ADA RAMP	EA	4	\$5,000.00	\$20,000.00
10	36-INCH DIAMETER STORM DRAIN	LF	500	\$260.00	\$130,000.00
11	CEMENT SLURRY BACKFILL	CY	100	\$200.00	\$20,000.00
12	CONCRETE S.D. JUNCTION BOX	EA	1	\$20,000.00	\$20,000.00
13	DRAINAGE INLET	EA	2	\$5,000.00	\$10,000.00
14	TREE REMOVAL	EA	5	\$5,000.00	\$25,000.00
15	SIGNING & STRIPING	LS	1	\$10,000.00	\$10,000.00
<b>CONSTRUCTION SUBTOTAL</b>					<b>\$648,200.00</b>
CONSTRUCTION CONTINGENCY (20%)					\$129,640.00
SURVEYING (5%)					\$32,410.00
ENGINEERING (10%)					\$64,820.00
CONSTRUCTION MANAGEMENT (15%)					\$97,230.00
<b>TOTAL PROJECT COST</b>					<b>\$972,300.00</b>

<b>Project Title:</b>	<b>Location:</b>
<b>Restroom–10'x24' at Boitano Parking Lot</b>	<b>Northeast corner of Boitano Parking Lot</b>
<p><u>Project Identified By:</u> City Staff.</p> <p><u>Work Description:</u> Install a 10' wide x 24' long restroom at the northeast corner of the Boitano Parking Lot. The bathroom would be similar to the existing bathroom at Minnie Provis Park.</p>	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$214,500.00	\$ 214,500.00
Construction Contingency (20%)				\$ 42,900.00
Surveying (5%)				\$ 10,725.00
Engineering (10%)				\$ 21,450.00
Construction Management (15%)				\$ 32,175.00
			<i>Subtotal</i>	\$ 107,250.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$321,750.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
10 FT. BY 24 FT. RESTROOM  
BOITANO PARKING LOT  
8/23/2024**

<b>ITEM NO.</b>	<b>ITEM</b>	<b>UNIT OF MEASURE</b>	<b>EST. QTY.</b>	<b>UNIT PRICE</b>	<b>ITEM TOTAL</b>
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	1	\$2,500.00	\$2,500.00
2	CLEARING & GRUBBING	DAY	1	\$5,000.00	\$5,000.00
3	TRAFFIC CONTROL	DAY	2	\$2,500.00	\$5,000.00
4	FOUNDATION	DAY	2	\$5,000.00	\$10,000.00
5	ROUGH CARPENTRY	DAY	5	\$5,000.00	\$25,000.00
6	FINISH CARPENTRY	DAY	4	\$5,000.00	\$20,000.00
7	ELECTRICAL	DAY	3	\$5,000.00	\$15,000.00
8	PLUMBING	DAY	5	\$5,000.00	\$25,000.00
9	SIDING/ROOFING	DAY	5	\$5,000.00	\$25,000.00
10	PAINTING/FINISHING	DAY	2	\$5,000.00	\$10,000.00
11	POWER SUPPLY	LS	1	\$25,000.00	\$25,000.00
12	WATER METER	LS	1	\$25,000.00	\$25,000.00
13	WATER/SEWER SERVICES	LF	280	\$50.00	\$14,000.00
14	SANITARY SEWER MANHOLE	EACH	1	\$8,000.00	\$8,000.00
<b>CONSTRUCTION SUBTOTAL</b>					<b>\$214,500.00</b>
CONSTRUCTION CONTINGENCY (20%)					\$42,900.00
SURVEYING (5%)					\$10,725.00
ENGINEERING (10%)					\$21,450.00
CONSTRUCTION MANAGEMENT (15%)					\$32,175.00
<b>TOTAL PROJECT COST</b>					<b>\$321,750.00</b>


<b>Project Title:</b>	<b>Location:</b>
<b>Solar Power at City Hall – Roof Option</b>	<b>City Hall Roof</b>
<p><u>Project Identified By:</u> City Staff.</p> <p><u>Work Description:</u> Install solar panels on City Hall Roof to offset power usage at City Hall.</p>	 <p>An aerial photograph of a city street intersection. A large building, identified as City Hall, is visible. The roof of the building is highlighted with a blue grid pattern, representing the proposed solar panel installation. An orange outline indicates the perimeter of the solar array. The surrounding area includes a parking lot with several cars, a road with traffic, and some greenery. A 'HelioScope' logo is visible in the bottom left corner of the image.</p>

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$250,000.00	\$ 250,000.00
Construction Contingency (20%)				\$ 50,000.00
Engineering (10%)				\$ 25,000.00
Construction Management (15%)				\$ 37,500.00
			<i>Subtotal</i>	\$ 112,500.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$362,500.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
LEASED SOLAR POWER AT CITY HALL – ROOF OPTION  
8/23/2024**

ITEM NO.	ITEM	UNIT OF MEASURE	EST. QTY.	UNIT PRICE	ITEM TOTAL
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	1	\$2,500.00	\$2,500.00
2	LEASED SOLAR PANELS AT ROOF	LS	1	\$247,500	\$247,500.00
CONSTRUCTION SUBTOTAL					\$250,000.00
CONSTRUCTION CONTINGENCY (20%)					\$50,000.00
ENGINEERING (10%)					\$25,000.00
CONSTRUCTION MANAGEMENT (15%)					\$37,500.00
TOTAL PROJECT COST					\$362,500.00

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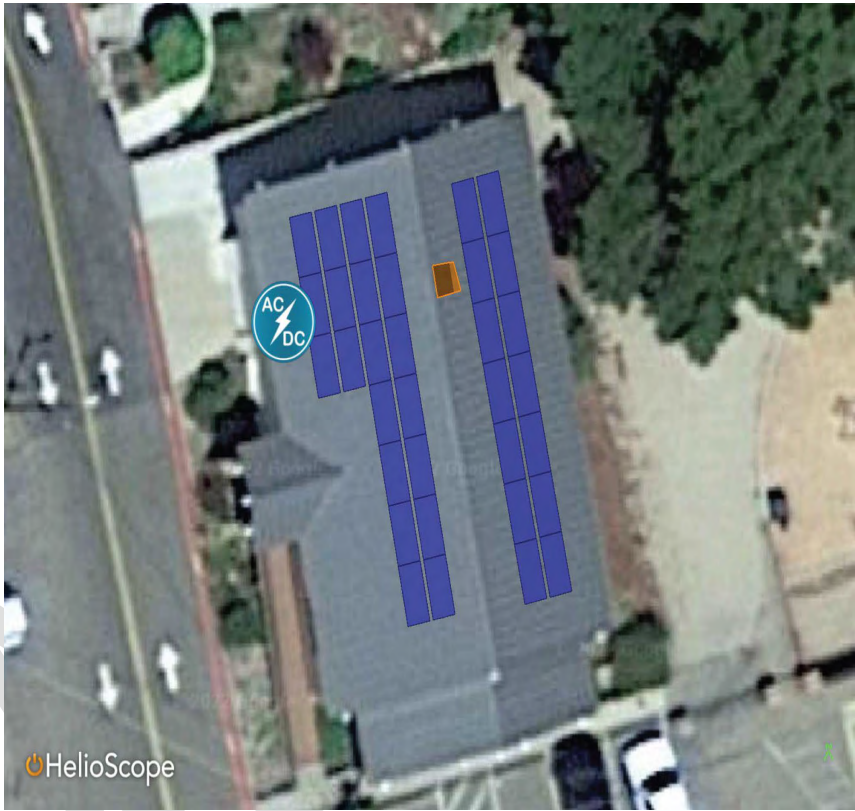
<b>Project Title:</b>	<b>Location:</b>
<b>Solar Power at City Hall – Parking Lot with Carports</b>	<b>City Hall Parking Lot</b>
<p><u>Project Identified By:</u> City Staff.</p> <p><u>Work Description:</u> Install solar panels at City Hall Parking Lot with carports to offset power usage at City Hall.</p>	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$307,400.00	\$ 307,400.00
Construction Contingency (20%)				\$ 61,480.00
Engineering (10%)				\$ 30,740.00
Construction Management (15%)				\$ 46,110.00
			<i>Subtotal</i>	\$ 138,330.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$445,730.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
SOLAR POWER AT CITY HALL PARKING LOT WITH CARPORTS  
8/23/2024**

ITEM NO.	ITEM	UNIT OF MEASURE	EST. QTY.	UNIT PRICE	ITEM TOTAL
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	2	\$2,500.00	\$5,000.00
2	SOLAR PANELS AT ROOF	KW	67,200	\$4.50	\$302,400.00
CONSTRUCTION SUBTOTAL					\$307,400.00
CONSTRUCTION CONTINGENCY (20%)					\$61,480.00
ENGINEERING (10%)					\$30,740.00
CONSTRUCTION MANAGEMENT (15%)					\$46,110.00
TOTAL PROJECT COST					\$445,730.00

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<b>Project Title:</b>	<b>Location:</b>
<b>Solar Power at Community Center</b>	<b>Community Center Roof</b>
<p><u>Project Identified By:</u> City Staff.</p> <p><u>Work Description:</u> Install solar panels on Community Center Roof to offset power usage at Community Center.</p>	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$175,000.00	\$ 175,000.00
Construction Contingency (20%)				\$ 35,000.00
Engineering (10%)				\$ 17,500.00
Construction Management (15%)				\$ 26,250.00
			<i>Subtotal</i>	\$ 78,750.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$253,750.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
LEASED SOLAR POWER AT COMMUNITY CENTER ROOF  
8/23/2024**

ITEM NO.	ITEM	UNIT OF MEASURE	EST. QTY.	UNIT PRICE	ITEM TOTAL
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	1	\$2,500.00	\$2,500.00
2	LEASED SOLAR PANELS AT ROOF	LS	1	\$172,500	\$172,500.00
CONSTRUCTION SUBTOTAL					\$175,000.00
CONSTRUCTION CONTINGENCY (20%)					\$35,000.00
ENGINEERING (10%)					\$17,500.00
CONSTRUCTION MANAGEMENT (15%)					\$26,250.00
TOTAL PROJECT COST					\$253,750.00


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<b>Project Title:</b>	<b>Location:</b>
<b>Street Lights on Main Street</b>	<b>Main Street</b>
<p><u>Project Identified By:</u> City Staff.</p> <p><u>Work Description:</u> Install 7 new street lights to match the new street lights at the Main Street Bridge.</p>	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$125,000.00	\$ 125,000.00
Construction Contingency (20%)				\$ 25,000.00
Surveying (5%)				\$ 6,250.00
Engineering (10%)				\$ 12,500.00
Construction Management (15%)				\$ 18,750.00
			<i>Subtotal</i>	\$ 62,500.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$187,500.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
REMOVE AND REPLACE 7 STREET LIGHTS ON MAIN STREET  
TO MATCH NEW STREET LIGHTS AT MAIN STREET BRIDGE  
8/23/2024**

ITEM NO.	ITEM	UNIT OF MEASURE	EST. QTY.	UNIT PRICE	ITEM TOTAL
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	2	\$2,500.00	\$5,000.00
2	CLEARING & GRUBBING	DAY	4	\$5,000.00	\$20,000.00
3	TRAFFIC CONTROL	DAY	4	\$2,500.00	\$10,000.00
4	ELECTRICAL	DAY	4	\$5,000.00	\$20,000.00
5	STREET LIGHTS	EACH	7	\$10,000.00	\$70,000.00
CONSTRUCTION SUBTOTAL					\$125,000.00
CONSTRUCTION CONTINGENCY (20%)					\$25,000.00
SURVEYING (5%)					\$6,250.00
ENGINEERING (10%)					\$12,500.00
CONSTRUCTION MANAGEMENT (15%)					\$18,750.00
TOTAL PROJECT COST					\$187,500.00

<b>Project Title:</b>	<b>Location:</b>
<b>Gateway Improvement Project</b>	<b>Northwest intersection of SR49/Old State Route 49</b>
<p><u>Project Identified By:</u> City Staff.</p> <p><u>Work Description:</u> Develop the City's property with a new gateway project. This would include installing an asphalt concrete walking path, drainage improvements, a new monument sign and landscaping.</p>	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$500,000.00	\$ 500,000.00
Construction Contingency (20%)				\$ 100,000.00
Surveying (5%)				\$ 25,000.00
Engineering (10%)				\$ 50,000.00
Construction Management (15%)				\$ 75,000.00
			<i>Subtotal</i>	\$ 250,000.00
Architectural Plan				\$ 50,000.00
Environmental Document				\$ 20,000.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$820,000.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
GATEWAY IMPROVEMENTS  
NORTHWEST OF INTERSECTION OF SR49/OLD ROUTE 49  
8/23/2024**

ITEM NO.	ITEM	UNIT OF MEASURE	EST. QTY.	UNIT PRICE	ITEM TOTAL
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	2	\$2,500.00	\$5,000.00
2	TRAFFIC CONTROL	DAY	20	\$2,500.00	\$50,000.00
3	CLEARING & GRUBBING	DAY	4	\$5,000.00	\$20,000.00
4	ASPHALT CONCRETE	TON	100	\$350.00	\$35,000.00
5	AGGREGATE BASE	TON	230	\$100.00	\$23,000.00
6	EARTHWORK	LS	1	\$75,000.00	\$75,000.00
7	12-INCH DIAMETER STORM DRAIN	LF	150	\$160.00	\$24,000.00
8	STORM DRAIN INLET	EACH	3	\$5,000.00	\$15,000.00
9	ROCK SLOPE PROTECTION	TON	20	\$150.00	\$3,000.00
10	EROSION CONTROL	DAY	1	\$5,000.00	\$5,000.00
11	UNSUITABLE MATERIAL	CY	50	\$100.00	\$5,000.00
12	POWER SUPPLY	LS	1	\$25,000.00	\$25,000.00
13	ELECTRICAL	DAY	10	\$5,000.00	\$50,000.00
14	WATER METER	LS	1	\$25,000.00	\$25,000.00
15	LANDSCAPING/PLANTING/IRRIGATION	LS	1	\$75,000.00	\$75,000.00
16	MONUMENT SIGN	LS	1	\$60,000.00	\$60,000.00
17	CALTRANS PERMIT COMPLIANCE	LS	1	\$5,000.00	\$5,000.00
CONSTRUCTION SUBTOTAL					\$500,000.00
CONSTRUCTION CONTINGENCY (20%)					\$100,000.00
SURVEYING (5%)					\$25,000.00
ENGINEERING (10%)					\$50,000.00
CONSTRUCTION MANAGEMENT (15%)					\$75,000.00
	ARCHITECTURAL PLAN	LS	1	\$50,000.00	\$50,000.00
	ENVIRONMENTAL DOCUMENT	LS	1	\$20,000.00	\$20,000.00
<b>TOTAL PROJECT COST</b>					<b>\$ 820,000.00</b>

<b>Project Title:</b>	<b>Location:</b>
<b>Johnson Property Trail</b>	<b>Johnson Property from Connie Lane to Sutter Hill Road</b>
<p><u>Project Identified By:</u> City Staff.</p> <p><u>Work Description:</u> Install an 8 foot wide aggregate base walking trail through the Johnson property to assist with pedestrian access through town.</p>	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$286,000.00	\$ 286,000.00
Construction Contingency (20%)				\$ 57,200.00
Surveying (5%)				\$ 14,300.00
Engineering (10%)				\$ 28,600.00
Construction Management (15%)				\$ 42,900.00
			<i>Subtotal</i>	\$ 143,000.00
Preliminary Plan Alternatives				\$ 25,000.00
Environmental Document				\$ 20,000.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$474,000.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
JOHNSON PROPERTY TRAIL  
CONNIE LANE TO SUTTER HILL ROAD  
8/23/2024**

<b>ITEM NO.</b>	<b>ITEM</b>	<b>UNIT OF MEASURE</b>	<b>EST. QTY.</b>	<b>UNIT PRICE</b>	<b>ITEM TOTAL</b>
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	2	\$2,500.00	\$5,000.00
2	TRAFFIC CONTROL	DAY	10	\$2,500.00	\$25,000.00
3	CLEARING & GRUBBING	DAY	6	\$5,000.00	\$30,000.00
4	TREE REMOVAL	EACH	10	\$5,000.00	\$50,000.00
5	AGGREGATE BASE	TON	400	\$100.00	\$40,000.00
6	EARTHWORK	LS	1	\$75,000.00	\$75,000.00
7	STORM DRAINAGE	LS	1	\$25,000.00	\$25,000.00
8	ROCK SLOPE PROTECTION	TON	40	\$150.00	\$6,000.00
9	EROSION CONTROL	DAY	2	\$5,000.00	\$10,000.00
10	FENCING	LF	200	\$50.00	\$10,000.00
11	BENCHES	EACH	4	\$2,500.00	\$10,000.00
<b>CONSTRUCTION SUBTOTAL</b>					<b>\$286,000.00</b>
CONSTRUCTION CONTINGENCY (20%)					\$57,200.00
SURVEYING (5%)					\$14,300.00
ENGINEERING (10%)					\$28,600.00
CONSTRUCTION MANAGEMENT (15%)					\$42,900.00
	PRELIMINARY PLAN ALTERNATIVES	LS	1	\$25,000.00	\$25,000.00
	ENVIRONMENTAL DOCUMENT	LS	1	\$20,000.00	\$20,000.00
<b>TOTAL PROJECT COST</b>					<b>\$474,000.00</b>

<b>Project Title:</b>	<b>Location:</b>
<b>Central Eureka Mine Walking Trail</b>	<b>Central Eureka Mine</b>
<p><u>Project Identified By:</u> City Staff.</p> <p><u>Work Description:</u> Cap the existing contaminated material and install an 8-foot-wide aggregate base walking trail thru the Central Eureka Mine property. Also install a small parking area.</p>	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$385,000.00	\$ 385,000.00
Construction Contingency (20%)				\$ 77,000.00
Surveying (5%)				\$ 19,250.00
Engineering (10%)				\$ 38,500.00
Construction Management (15%)				\$ 57,750.00
			<i>Subtotal</i>	\$ 192,500.00
Geotechnical Removal Action Workplan				\$ 50,000.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$627,500.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
CENTRAL EUREKA MINE WALKING TRAIL  
8/23/2024**

<b>ITEM NO.</b>	<b>ITEM</b>	<b>UNIT OF MEASURE</b>	<b>EST. QTY.</b>	<b>UNIT PRICE</b>	<b>ITEM TOTAL</b>
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	2	\$2,500.00	\$5,000.00
2	TRAFFIC CONTROL	DAY	6	\$2,500.00	\$15,000.00
3	CLEARING & GRUBBING	DAY	6	\$5,000.00	\$30,000.00
4	TREE REMOVAL	EACH	10	\$5,000.00	\$50,000.00
5	IMPORT FILL	CY	500	\$100.00	\$50,000.00
6	AGGREGATE BASE	TON	150	\$100.00	\$15,000.00
7	ASPHALT CONCRETE	TON	100	\$350.00	\$35,000.00
8	CONCRETE STAIRS	SF	100	\$200.00	\$20,000.00
9	STORM DRAINAGE	LS	1	\$25,000.00	\$25,000.00
10	ROCK SLOPE PROTECTION	TON	40	\$150.00	\$6,000.00
11	EROSION CONTROL	DAY	2	\$5,000.00	\$10,000.00
12	FENCING	LF	900	\$50.00	\$45,000.00
13	UTILITY POLE RELOCATION	EACH	1	\$50,000.00	\$50,000.00
14	GATE	EACH	1	\$1,500.00	\$1,500.00
15	INFORMATIVE SIGNS	EACH	7	\$2,500.00	\$17,500.00
16	BENCHES	EACH	4	\$2,500.00	\$10,000.00
<b>CONSTRUCTION SUBTOTAL</b>					<b>\$385,000.00</b>
CONSTRUCTION CONTINGENCY (20%)					\$77,000.00
SURVEYING (5%)					\$19,250.00
ENGINEERING (10%)					\$38,500.00
CONSTRUCTION MANAGEMENT (15%)					\$57,750.00
	GEOTECHNICAL REMOVAL ACTION WORKPLAN	LS	1	\$50,000.00	\$50,000.00
<b>TOTAL PROJECT COST</b>					<b>\$627,500.00</b>

<b>Project Title:</b>	<b>Location:</b>
<b>Additional City Parking Lot</b>	<b>TBD</b>
<u>Project Identified By:</u> City Staff.  <u>Work Description:</u> Install an asphalt concrete parking lot on property donated or shared to the City. Exact location is not determined at this time, but assumed to be approximately 30,000 square feet.	<b>TBD</b>

<b>General Line Item</b>	<b>Estimated Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Total Cost (2024 Dollars)</b>
Construction	1	LS	\$586,400.00	\$ 586,400.00
Construction Contingency (20%)				\$ 117,280.00
Surveying (5%)				\$ 29,320.00
Engineering (10%)				\$ 58,640.00
Construction Management (15%)				\$ 87,960.00
<i>Subtotal</i>				\$ 293,200.00
Architectural Plan				\$ 50,000.00
Environmental Document				\$ 20,000.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$949,600.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
ADDITIONAL PARKING LOT  
8/23/2024**

ITEM NO.	ITEM	UNIT OF MEASURE	EST. QTY.	UNIT PRICE	ITEM TOTAL
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	2	\$2,500.00	\$5,000.00
2	TRAFFIC CONTROL	DAY	8	\$2,500.00	\$20,000.00
3	CLEARING & GRUBBING	DAY	4	\$5,000.00	\$20,000.00
4	ASPHALT CONCRETE	TON	500	\$250.00	\$125,000.00
5	AGGREGATE BASE	TON	1,100	\$100.00	\$110,000.00
6	EARTHWORK	LS	1	\$75,000.00	\$75,000.00
7	12-INCH DIAMETER STORM DRAIN	LF	150	\$160.00	\$24,000.00
8	STORM DRAIN INLET	EACH	4	\$5,000.00	\$20,000.00
9	EROSION CONTROL	DAY	1	\$5,000.00	\$5,000.00
10	UNSUITABLE MATERIAL	CY	50	\$100.00	\$5,000.00
11	CONCRETE CURB & GUTTER	LF	1,500	\$50.00	\$75,000.00
12	CONCRETE DRIVEWAY	DAY	150	\$16.00	\$2,400.00
13	WATER METER	LS	1	\$25,000.00	\$25,000.00
14	LANDSCAPING/PLANTING/IRRIGATION	LS	1	\$75,000.00	\$75,000.00
CONSTRUCTION SUBTOTAL					\$586,400.00
CONSTRUCTION CONTINGENCY (20%)					\$117,280.00
SURVEYING (5%)					\$29,320.00
ENGINEERING (10%)					\$58,640.00
CONSTRUCTION MANAGEMENT (15%)					\$87,960.00
	ARCHITECTURAL PLAN	LS	1	\$50,000.00	\$50,000.00
	ENVIRONMENTAL DOCUMENT	LS	1	\$20,000.00	\$20,000.00
TOTAL PROJECT COST					\$949,600.00

<b>Project Title:</b>	<b>Location:</b>
<b>Restroom – 8'x8' at Bryson Park</b>	<b>Northeast corner of Bryson Park</b>
<u>Project Identified By:</u> City Staff.  <u>Work Description:</u> Install a 8' wide x 8' long restroom at Bryson Park.	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$60,000.00	\$ 60,000.00
Construction Contingency (20%)				\$ 12,000.00
Surveying (5%)				\$ 3,000.00
Engineering (10%)				\$ 6,000.00
Construction Management (15%)				\$ 9,000.00
			<i>Subtotal</i>	\$ 30,000.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$ 90,000.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
8 FT. BY 8 FT. RESTROOM  
BRYSON PARK  
8/23/2024**

<b>ITEM NO.</b>	<b>ITEM</b>	<b>UNIT OF MEASURE</b>	<b>EST. QTY.</b>	<b>UNIT PRICE</b>	<b>ITEM TOTAL</b>
1	CLEARING & GRUBBING	DAY	1	\$5,000.00	\$5,000.00
2	FOUNDATION	DAY	2	\$5,000.00	\$10,000.00
3	ROUGH CARPENTRY	DAY	1	\$5,000.00	\$5,000.00
4	FINISH CARPENTRY	DAY	1	\$5,000.00	\$5,000.00
5	ELECTRICAL	DAY	1	\$5,000.00	\$5,000.00
6	PLUMBING	DAY	2	\$5,000.00	\$10,000.00
7	SIDING/ROOFING	DAY	1	\$5,000.00	\$5,000.00
8	PAINTING/FINISHING	DAY	3	\$5,000.00	\$5,000.00
<b>CONSTRUCTION SUBTOTAL</b>					<b>\$60,000.00</b>
CONSTRUCTION CONTINGENCY (20%)					\$12,000.00
SURVEYING (5%)					\$3,000.00
ENGINEERING (10%)					\$6,000.00
CONSTRUCTION MANAGEMENT (15%)					\$9,000.00
<b>TOTAL PROJECT COST</b>					<b>\$90,000.00</b>

<b>Project Title:</b>	<b>Location:</b>
<b>New City Hall</b>	<b>TBD</b>
<u>Project Identified By:</u> City Staff.  <u>Work Description:</u> Construct a new 3,600 square foot building and install an asphalt concrete parking lot with drainage, utilities, landscaping and irrigation. Exact location is not determined at this time.	<b>TBD</b>

<b>General Line Item</b>	<b>Estimated Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Total Cost (2024 Dollars)</b>
Construction	1	LS	\$5,000,000.00	\$ 5,000,000.00
Construction Contingency (20%)				\$ 1,000,000.00
Surveying (5%)				\$ 250,000.00
Engineering (10%)				\$ 500,000.00
Architectural (10%)				\$ 500,000.00
Construction Management (15%)				\$ 750,000.00
			<i>Subtotal</i>	\$ 3,000,000.00
Right of Way Acquisition				\$ 500,000.00
Environmental Document				\$ 200,000.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$8,700,000.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
NEW CITY HALL**

**8/23/2024**

ITEM NO.	ITEM	UNIT OF MEASURE	EST. QTY.	UNIT PRICE	ITEM TOTAL
1	NEW 3,600 S.F. BUILDING	LS	1	\$4,000,000.00	\$4,000,000.00
2	PARKING LOT WITH DRAINAGE, UTILITIES, LANDSCAPING & IRRIGATION	LS	1	\$1,000,000.00	\$1,000,000.00
CONSTRUCTION SUBTOTAL					\$5,000,000.00
CONSTRUCTION CONTINGENCY (20%)					\$1,000,000.00
SURVEYING (5%)					\$250,000.00
ENGINEERING (10%)					\$500,000.00
ARCHITECTURAL (10%)					\$500,000.00
CONSTRUCTION MANAGEMENT (15%)					\$750,000.00
	RIGHT OF WAY ACQUISTION	LS	1	\$500,000.00	\$500,000.00
	ENVIRONMENTAL DOCUMENT	LS	1	\$200,000.00	\$200,000.00
<b>TOTAL PROJECT COST</b>					<b>\$8,700,000.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
MINNIE PROVIS PARK – PAVER INSTALLATION**

**8/23/2024**

ITEM NO.	ITEM	UNIT OF MEASURE	EST. QTY.	UNIT PRICE	ITEM TOTAL
1	CLEARING & GRUBBING	DAY	1	\$5,000.00	\$5,000.00
2	CONCRETE PAVERS	SF	2000	\$10.00	\$20,000.00
CONSTRUCTION SUBTOTAL					\$25,000.00
CONSTRUCTION CONTINGENCY (20%)					\$5,000.00
SURVEYING (5%)					\$1,250.00
ENGINEERING (10%)					\$2,500.00
CONSTRUCTION MANAGEMENT (15%)					\$3,750.00
<b>TOTAL PROJECT COST</b>					<b>\$37,500.00</b>

DRAFT

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
SUTTER CREEK/AMADOR CITY BICYCLE/PEDESTRIAN PROJECT**

**8/23/2024**

PLANNING & ENGINEERING	\$150,000.00
TOTAL PROJECT COST	\$150,000.00

DRAFT

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
KNIGHTS FOUNDRY BUILDING FOUNDATION REHABILITATION**

**8/23/2024**

ITEM NO.	ITEM	UNIT OF MEASURE	EST. QTY.	UNIT PRICE	ITEM TOTAL
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	1	\$2,500.00	\$2,500.00
2	CLEARING & GRUBBING	DAY	1	\$5,000.00	\$5,000.00
3	ROCK SLOPE PROTECTION FABRIC	SF	1000	\$2.00	\$2,000.00
4	ROCK SLOPE PROTECTION	TON	70	\$150.00	\$10,500.00
CONSTRUCTION SUBTOTAL					\$20,000.00
CONSTRUCTION CONTINGENCY (20%)					\$4,000.00
SURVEYING (5%)					\$1,000.00
ENGINEERING (10%)					\$2,000.00
CONSTRUCTION MANAGEMENT (15%)					\$3,000.00
TOTAL PROJECT COST					\$30,000.00

DRAFT

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
MONTE VERDE STORE – FLOOR & WALL REHABILITATION**

**8/23/2024**

ITEM NO.	ITEM	UNIT OF MEASURE	EST. QTY.	UNIT PRICE	ITEM TOTAL
1	FLOOR & WALL REHABILITATION	LS	1	\$100,000.00	\$100,000.00
<b>TOTAL PROJECT COST</b>					<b>\$100,000.00</b>

DRAFT

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
MONTE VERDE STORE – NEW HVAC**

**8/23/2024**

ITEM NO.	ITEM	UNIT OF MEASURE	EST. QTY.	UNIT PRICE	ITEM TOTAL
1	NEW HVAC UNIT	LS	1	\$20,000.00	\$20,000.00
<b>TOTAL PROJECT COST</b>					<b>\$20,000.00</b>

DRAFT

**CITY OF SUTTER CREEK  
 PRELIMINARY ENGINEER'S ESTIMATE  
 GRAMMAR SCHOOL – NEW HVAC & WINDOWS**

**8/23/2024**

ITEM NO.	ITEM	UNIT OF MEASURE	EST. QTY.	UNIT PRICE	ITEM TOTAL
1	NEW HVAC UNIT & WINDOWS	LS	1	\$100,000.00	\$100,000.00
<b>TOTAL PROJECT COST</b>					<b>\$100,000.00</b>

DRAFT

<b>Project Title:</b>	<b>Location:</b>
<b>Drainage Study at Bryson Park/Mobile Home Park</b>	<b>At Sutter Terrace Mobile Home Park/Bryson Park</b>
<u>Project Identified By:</u> City Staff.  <u>Work Description:</u> This work is for a Licensed Civil Engineer to prepare a drainage study for the drainage ditch at Bryson Park/Mobile Home Park.	

<b>General Line Item</b>	<b>Estimated Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Total Cost (2024 Dollars)</b>
Engineering	1	LS	\$45,000.00	\$ 45,000.00
<i>Subtotal</i>				\$ 45,000.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$ 45,000.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
DRAINAGE STUDY AT BRYSON PARK/MOBILE HOME PARK**

**8/23/2024**

	ENGINEERING	\$45,000.00
TOTAL PROJECT COST		\$45,000.00

DRAFT

<b>Project Title:</b>	<b>Location:</b>
<b>Drainage Improvements at Intersection of Badger/Spanish St.</b>	<b>Intersection of Badger Street and Spanish Street</b>
<p><u>Project Identified By:</u> City Staff.</p> <p><u>Work Description:</u> Install approximately 360 L.F. of dual 42-inch diameter storm drain pipe to connect to the existing storm drain junction box that was installed as part of the Badger Street Bridge Replacement Project to alleviate the flooding in this area. This work would also include overlaying the existing intersection with 2" asphalt concrete.</p>	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2024 Dollars)
Construction	1	LS	\$546,000.00	\$ 546,000.00
Construction Contingency (20%)				\$ 109,200.00
Surveying (5%)				\$ 27,300.00
Engineering (10%)				\$ 54,600.00
Construction Management (15%)				\$ 81,900.00
			<i>Subtotal</i>	\$ 273,000.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$ 819,000.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
DRAINAGE IMPROVEMENTS AT  
BRYSON PARK DRAINAGE CHANNEL  
8/23/2024**

<b>ITEM NO.</b>	<b>ITEM</b>	<b>UNIT OF MEASURE</b>	<b>EST. QTY.</b>	<b>UNIT PRICE</b>	<b>ITEM TOTAL</b>
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	1	\$2,500.00	\$2,500.00
2	CLEARING & GRUBBING	DAY	2	\$5,000.00	\$10,000.00
3	EARTHWORK	LS	1	\$50,000.00	\$50,000.00
4	EROSION CONTROL	DAY	1	\$5,000.00	\$5,000.00
5	ROCK SLOPE PROTECTION	TON	100	\$150.00	\$15,000.00
CONSTRUCTION SUBTOTAL					\$82,500.00
CONSTRUCTION CONTINGENCY (20%)					\$16,500.00
SURVEYING (5%)					\$4,125.00
ENGINEERING (10%)					\$8,250.00
ENVIRONMENTAL PERMITS					\$40,000.00
CONSTRUCTION MANAGEMENT (15%)					\$12,375.00
<b>TOTAL PROJECT COST</b>					<b>\$163,750.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
DRAINAGE IMPROVEMENTS AT THE INTERSECTION OF BADGERT STREET AND SPANISH STREET**

**8/23/2024**

<b>ITEM NO.</b>	<b>ITEM</b>	<b>UNIT OF MEASURE</b>	<b>EST. QTY.</b>	<b>UNIT PRICE</b>	<b>ITEM TOTAL</b>
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	8	\$2,500.00	\$20,000.00
2	TRAFFIC CONTROL	DAY	30	\$2,500.00	\$75,000.00
3	CLEARING & GRUBBING	DAY	4	\$5,000.00	\$20,000.00
4	12-INCH DIAMETER STORM DRAIN	LF	175	\$160.00	\$28,000.00
5	42-INCH DIAMETER STORM DRAIN	LF	360	\$300.00	\$108,000.00
6	STORM DRAIN INLET	EACH	3	\$5,000.00	\$15,000.00
7	CONCRETE HEADWALL	EACH	1	\$20,000.00	\$20,000.00
8	STORM DRAIN MANHOLE	EACH	1	\$8,000.00	\$8,000.00
9	CONCRETE S.D. JUNCTION BOX	EACH	1	\$40,000.00	\$40,000.00
10	CONNECT TO EX. S.D. JUNCTION BOX	EACH	1	\$10,000.00	\$10,000.00
11	CEMENT SLURRY BACKFILL	CY	450	\$200.00	\$90,000.00
12	ASPHALT CONCRETE	TON	180	\$250.00	\$45,000.00
13	ASPHALT CONCRETE DIKE	LF	100	\$20.00	\$2,000.00
14	SIGNING AND STRIPING	LS	1	\$5,000.00	\$5,000.00
15	RELOCATE EXISTING GAS MAIN	LS	1	\$50,000.00	\$50,000.00
16	UNSUITABLE MATERIAL	CY	100	\$100.00	\$10,000.00
<b>CONSTRUCTION SUBTOTAL</b>					<b>\$546,000.00</b>
CONSTRUCTION CONTINGENCY (20%)					\$109,200.00
SURVEYING (5%)					\$27,300.00
ENGINEERING (10%)					\$54,600.00
CONSTRUCTION MANAGEMENT (15%)					\$81,900.00
<b>TOTAL PROJECT COST</b>					<b>\$819,000.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
DRAINAGE IMPROVEMENTS AT KARSAN ROAD  
8/23/2024**

<b>ITEM NO.</b>	<b>ITEM</b>	<b>UNIT OF MEASURE</b>	<b>EST. QTY.</b>	<b>UNIT PRICE</b>	<b>ITEM TOTAL</b>
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	1	\$2,500.00	\$2,500.00
2	TRAFFIC CONTROL	DAY	1	\$2,500.00	\$2,500.00
3	CLEARING & GRUBBING	DAY	2	\$5,000.00	\$10,000.00
4	EARTHWORK	LS	1	\$10,000.00	\$10,000.00
5	ULTRA BLOCK RETAINING WALL	LF	100	\$200.00	\$20,000.00
6	AGGREGATE BASE	TON	60	\$100.00	\$6,000.00
7	ASPHALT CONCRETE	TON	30	\$250.00	\$7,500.00
8	EROSION CONTROL	DAY	1	\$5,000.00	\$5,000.00
9	ROCK SLOPE PROTECTION	TON	100	\$150.00	\$15,000.00
CONSTRUCTION SUBTOTAL					\$78,500.00
CONSTRUCTION CONTINGENCY (20%)					\$15,700.00
SURVEYING (5%)					\$3,925.00
ENGINEERING (10%)					\$7,850.00
ENVIRONMENTAL PERMITS					\$40,000.00
CONSTRUCTION MANAGEMENT (15%)					\$11,775.00
<b>TOTAL PROJECT COST</b>					<b>\$157,750.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
DRAINAGE IMPROVEMENTS AT 310 GOPHER FLAT ROAD  
8/23/2024**

<b>ITEM NO.</b>	<b>ITEM</b>	<b>UNIT OF MEASURE</b>	<b>EST. QTY.</b>	<b>UNIT PRICE</b>	<b>ITEM TOTAL</b>
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	1	\$2,500.00	\$2,500.00
2	CLEARING & GRUBBING	DAY	1	\$5,000.00	\$5,000.00
3	18-INCH DIAMETER STORM DRAIN	LF	140	\$200.00	\$28,000.00
4	STORM DRAIN INLET	EACH	2	\$5,000.00	\$10,000.00
5	FLARED END SECTION	EACH	2	\$2,000.00	\$4,000.00
6	ROCK SLOPE PROTECTION	TON	10	\$150.00	\$1,500.00
7	AGGREGATE BASE	TON	30	\$100.00	\$3,000.00
8	ASPHALT CONCRETE	TON	24	\$250.00	\$6,000.00
CONSTRUCTION SUBTOTAL					\$60,000.00
CONSTRUCTION CONTINGENCY (20%)					\$12,000.00
SURVEYING (5%)					\$3,000.00
ENGINEERING (10%)					\$6,000.00
CONSTRUCTION MANAGEMENT (15%)					\$9,000.00
<b>TOTAL PROJECT COST</b>					<b>\$90,000.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
DRAINAGE IMPROVEMENTS FOR  
SPANISH STREET DRAINAGE INLET REPLACEMENT  
8/23/2024**

ITEM NO.	ITEM	UNIT OF MEASURE	EST. QTY.	UNIT PRICE	ITEM TOTAL
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	4	\$2,500.00	\$10,000.00
2	CLEARING & GRUBBING	DAY	2	\$5,000.00	\$10,000.00
3	TRAFFIC CONTROL	DAY	10	\$2,500.00	\$25,000.00
4	18-INCH DIAMETER STORM DRAIN	LF	25	\$200.00	\$5,000.00
5	STORM DRAIN INLET	EACH	4	\$5,000.00	\$20,000.00
6	CEMENT SLURRY BACKFILL	CY	5	\$200.00	\$1,000.00
7	AGGREGATE BASE	TON	40	\$100.00	\$4,000.00
8	ASPHALT CONCRETE	TON	20	\$250.00	\$5,000.00
CONSTRUCTION SUBTOTAL					\$80,000.00
CONSTRUCTION CONTINGENCY (20%)					\$16,000.00
SURVEYING (5%)					\$4,000.00
ENGINEERING (10%)					\$8,000.00
CONSTRUCTION MANAGEMENT (15%)					\$12,000.00
TOTAL PROJECT COST					\$120,000.00

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
DRAINAGE IMPROVEMENTS AT 154 TO 180 BADGERT STREET**

**8/23/2024**

ITEM NO.	ITEM	UNIT OF MEASURE	EST. QTY.	UNIT PRICE	ITEM TOTAL
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	2	\$2,500.00	\$5,000.00
2	CLEARING & GRUBBING	DAY	2	\$5,000.00	\$10,000.00
3	TRAFFIC CONTROL	DAY	6	\$2,500.00	\$15,000.00
4	18-INCH DIAMETER STORM DRAIN	LF	250	\$200.00	\$50,000.00
5	STORM DRAIN INLET	EACH	2	\$5,000.00	\$10,000.00
6	FLARED END SECTION	EACH	1	\$2,000.00	\$2,000.00
7	ROCK SLOPE PROTECTION	TON	20	\$150.00	\$3,000.00
8	CONCRETE VALLEY GUTTER	SF	1,200	\$40.00	\$48,000.00
9	ASPHALT CONCRETE GRIND	DAY	1	\$6,000.00	\$6,000.00
10	AGGREGATE BASE	TON	50	\$100.00	\$5,000.00
11	ASPHALT CONCRETE	TON	50	\$250.00	\$12,500.00
12	EROSION CONTROL	DAY	1	\$5,000.00	\$5,000.00
CONSTRUCTION SUBTOTAL					\$171,500.00
CONSTRUCTION CONTINGENCY (20%)					\$34,300.00
SURVEYING (5%)					\$8,575.00
ENGINEERING (10%)					\$17,150.00
CONSTRUCTION MANAGEMENT (15%)					\$25,725.00
<b>TOTAL PROJECT COST</b>					<b>\$257,250.00</b>

**Completed Projects**

DRAFT

<b>Project Title:</b>	<b>Location:</b>
<b>Oro Madre Way Overlay</b>	<b>251 Mahoney Mill Road to Sutter Ione Road</b>
<p><u>Project Identified By:</u> Pavement Management Program Report – Pavement Condition Index (PCI) = 15, which is the fifth worst rated street in town. This project was also included in Table 3.14 of the Circulation Element (Project ID RD-1).</p> <p><u>Work Description:</u> Install 2” asphalt concrete for approximately 1,525 L.F. of road and drainage improvements.</p>	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2022 Dollars)
Construction	1	LS	\$213,500.00	\$213,500.00
Construction Contingency (20%)				\$ 42,700.00
Surveying (5%)				\$ 10,675.00
Engineering (10%)				\$ 21,350.00
Construction Management (15%)				\$ 32,025.00
			<i>Subtotal</i>	\$ 106,750.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$320,250.00</b>

ADD IN ACTUAL COSTS – KEEP ESTIMATES AND ADD COLUMN FOR ACTUAL

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
ORO MADRE WAY OVERLAY  
FROM 251 MAHONEY MILL ROAD TO SUTTER IONE ROAD  
5/4/2022**

<b>ITEM NO.</b>	<b>ITEM</b>	<b>UNIT OF MEASURE</b>	<b>EST. QTY.</b>	<b>UNIT PRICE</b>	<b>ITEM TOTAL</b>
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	2	\$2,500.00	\$5,000.00
2	TRAFFIC CONTROL	DAY	4	\$2,500.00	\$10,000.00
3	CLEARING & GRUBBING	DAY	1	\$5,000.00	\$5,000.00
4	ASPHALT CONCRETE GRIND	DAY	2	\$6,000.00	\$12,000.00
5	ASPHALT CONCRETE LEVELING COURSE	TON	70	\$400.00	\$28,000.00
6	ASPHALT CONCRETE	TON	500	\$250.00	\$125,000.00
7	AGGREGATE BASE	TON	75	\$100.00	\$7,500.00
8	ADJUST MANHOLE TO GRADE	EACH	1	\$2,500.00	\$2,500.00
9	ADJUST DROP INLET TO GRADE	EACH	1	\$2,500.00	\$2,500.00
10	18-INCH DIAMETER STORM DRAIN	LF	40	\$200.00	\$8,000.00
11	STORM DRAIN INLET	EACH	1	\$5,000.00	\$5,000.00
12	CEMENT SLURRY BACKFILL	CY	10	\$200.00	\$2,000.00
13	UNSUITABLE MATERIAL	CY	10	\$100.00	\$1,000.00
<b>CONSTRUCTION SUBTOTAL</b>					<b>\$213,500.00</b>
CONSTRUCTION CONTINGENCY (20%)					\$42,700.00
SURVEYING (5%)					\$10,675.00
ENGINEERING (10%)					\$21,350.00
CONSTRUCTION MANAGEMENT (15%)					\$32,025.00
<b>TOTAL PROJECT COST</b>					<b>\$320,250.00</b>

<b>Project Title:</b>	<b>Location:</b>
<b>Eureka Road Overlay</b>	<b>Sutter Hill Road to Old Ridge Road</b>
<p><u>Project Identified By:</u> City Staff.</p> <p><u>Work Description:</u> Install 2" asphalt concrete for approximately 1,100 L.F. of road and drainage improvements.</p>	

General Line Item	Estimated Quantity	Unit	Unit Price	Total Cost (2022 Dollars)
Construction	1	LS	\$299,850.00	\$299,850.00
Construction Contingency (20%)				\$ 59,970.00
Surveying (5%)				\$ 14,992.50
Engineering (10%)				\$ 29,985.00
Construction Management (15%)				\$ 44,977.50
			<i>Subtotal</i>	\$ 149,925.00
<b>Total Estimated Cost (after project bid, at project award)</b>				<b>\$449,775.00</b>

**CITY OF SUTTER CREEK  
PRELIMINARY ENGINEER'S ESTIMATE  
EUREKA ROAD OVERLAY  
FROM SUTTER HILL ROAD TO OLD RIDGE ROAD  
5/4/2022**

<b>ITEM NO.</b>	<b>ITEM</b>	<b>UNIT OF MEASURE</b>	<b>EST. QTY.</b>	<b>UNIT PRICE</b>	<b>ITEM TOTAL</b>
1	LOCATE & PROTECT EXISTING UTILITIES	DAY	4	\$2,500.00	\$10,000.00
2	TRAFFIC CONTROL	DAY	8	\$2,500.00	\$20,000.00
3	CLEARING & GRUBBING	DAY	4	\$5,000.00	\$20,000.00
4	ASPHALT CONCRETE GRIND	DAY	1	\$6,000.00	\$6,000.00
5	ASPHALT CONCRETE LEVELING COURSE	TON	75	\$400.00	\$30,000.00
5	ASPHALT CONCRETE	TON	375	\$350.00	\$131,250.00
6	AGGREGATE BASE	TON	50	\$100.00	\$5,000.00
7	12-INCH DIAMETER STORM DRAIN	LF	85	\$160.00	\$13,600.00
8	FLARED END SECTION	EA	4	\$4,000.00	\$16,000.00
9	AC DIKE	LF	800	\$20.00	\$16,000.00
10	EARTHWORK	LS	1	\$10,000.00	\$10,000.00
11	CEMENT SLURRY BACKFILL	CY	10	\$200.00	\$2,000.00
12	UNSUITABLE MATERIAL	CY	100	\$100.00	\$10,000.00
13	SIGNING AND STRIPING	LS	1	\$10,000.00	\$10,000.00
<b>CONSTRUCTION SUBTOTAL</b>					<b>\$299,850.00</b>
CONSTRUCTION CONTINGENCY (20%)					\$59,970.00
SURVEYING (5%)					\$14,992.50
ENGINEERING (10%)					\$29,985.00
CONSTRUCTION MANAGEMENT (15%)					\$44,977.50
<b>TOTAL PROJECT COST</b>					<b>\$449,775.00</b>