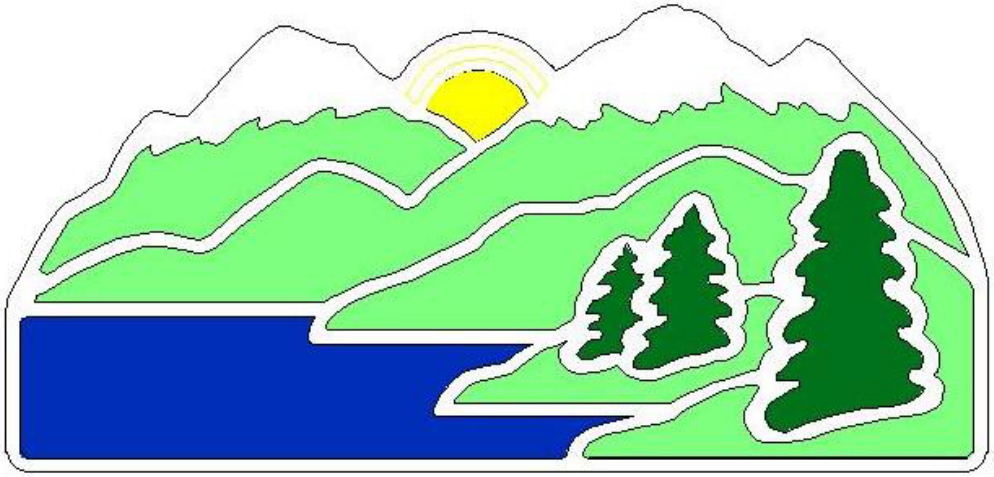
Tahoe City Public Utility District



2025 Capital Project Information Sheets

February 12, 2025

2025 Water Projects

Project Justification Legend

Asset Type
- Distribution
- Transmission
- Source
- Storage
- Equipment
- Multiple

Project Type
- Upgrade
- Replace
- Rehab

Justification Category
- Capacity
- Age/Condition
- Safety/Security
- Regulatory
- Vulnerability/Risk
- Best Practice
- Redundancy/Reliability
- Multiple
- Other

8126	P/N

Project Title:	West Lake Tahoe Regional Water Treatment Plant
Project Manager:	Sarah Hussong Johnson
Current Phase:	CONSTRUCTION
Budget Location:	CAPITAL - WATER
Design Consultant:	Kennedy-Jenks
Const. Contractor:	Thompson Builders Corporation

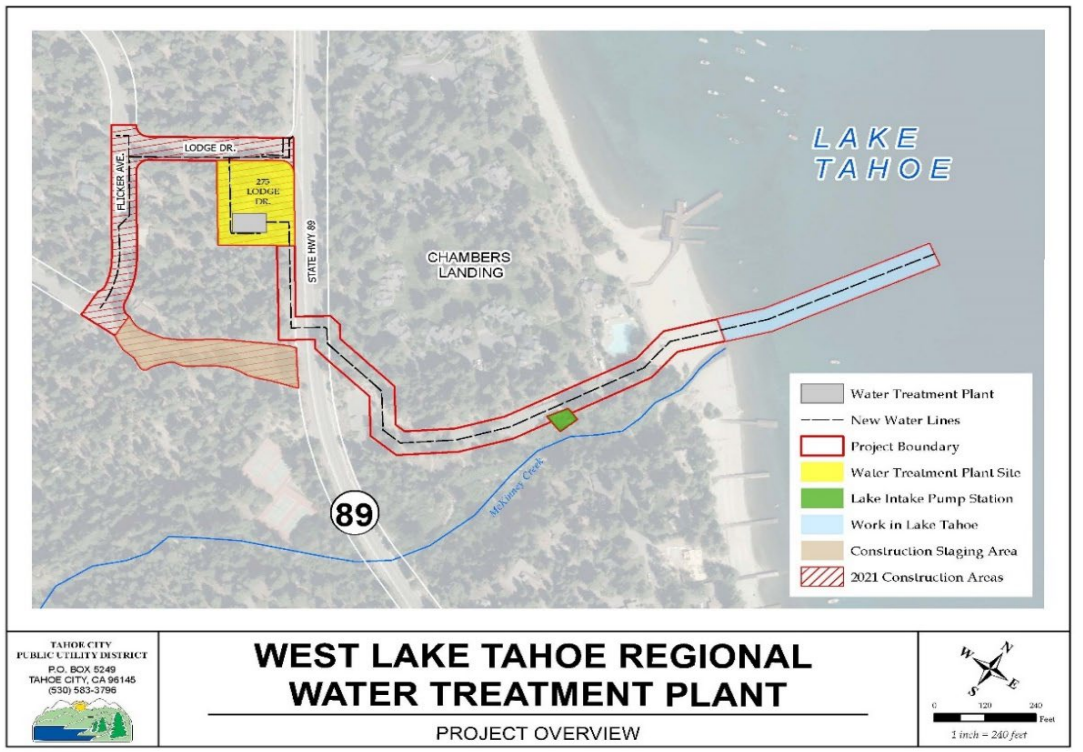
Project Description:

Construction of a permanent surface water treatment plant that will service the TCPUD McKinney-Quail, Tahoe Cedars, and Madden Creek water service areas and potentially other water systems in the area as a regional water supply. This plant would replace the existing seasonal interim surface water treatment plant at Chambers Landing, constructed in the spring of 2004. The project also includes reconstruction of the existing McKinney Sewer Pump Station building to house the power and control facilities for the new lake intake pumps and pre-treatment equipment.

Justification or Significance of Improvement:

The TCPUD McKinney-Quail, Tahoe Cedars, and Madden Creek water service areas have been interconnected and are each supplied by their individual groundwater wells. The McKinney-Quail system is also served by the seasonal plant at Chambers Landing, and the emergency interconnect to the McKinney Water District. A failure of any of the groundwater wells could cause a major disruption during the winter months, including a potential emergency boil order if untreated surface water was used. A permanent secondary source is required. A new surface water treatment plant has been identified as the best solution for this issue. A plant capable of supplying, or being expanded to serve more regional needs is planned. This will allow a lower cost of service per customer as well as planning for future source needs in the broader area currently served by private water systems.

Map/Photo:



Justification Data:

Asset Category:	WATER
Asset Type:	Source
Project Type:	Upgrade
Justification Category:	Capacity
Facility Age (Life):	N/A

Project Costs

Phase	Pre 2023 Actual	2023 Actual	2024 Projected	2025 Budget	2026 Budget	Total
Preliminary	$ 230,244			$ -	$ -	$ 230,244
Design	$ 4,031,986	$ -	$ -	$ -	$ -	$ 4,031,986
Construction	$ 11,853,542	$ 8,927,559	$ 4,104,958	$ 1,617,837	$ -	$ 26,503,896
Total Project Costs	**$ 16,115,772**	**$ 8,927,559**	**$ 4,104,958**	**$ 1,617,837**	**$ -**	**$ 30,766,126**
Funding Source(s):						
Secured Outside Funding	$ 1,282,500	$ -	$ -	$ -	$ -	$ 1,282,500
EDCWA Grant	$ -	$ 500,000	$ -	$ -		$ 500,000
SRF Construction Loan	$ 5,688,184	$ 5,819,464	$ 6,768,457	$ 1,400,000	$ -	$ 19,676,105
DWR Construction Grant	$ 2,845,994	$ 1,733,153	$ 420,853	$ -	$ -	$ 5,000,000
Net Capital Expenditure	**$ 6,299,094**	**$ 874,942**	**$ (3,084,352)**	**$ 217,837**	**$ -**	**$ 4,307,521**

Project Schedule

Begin Design:	Jan-13
Bid Construction:	Dec-20
Start Construction:	Jun-21
Complete Construction:	Jun-25

	P/N
Project Title:	The Villas Water Line Replacement
Project Manager:	Will Stelter
Current Phase:	DESIGN
Budget Location:	CAPITAL - WATER
Design Consultant:	TBD
Const. Contractor:	TBD

Project Description:

Replace approximately 2,500 linear feet of existing 2.5-inch & 6-inch water line with 8-inch water line, including associated service laterals and fire hydrants in The Villas complex. The project will include 7 fire hydrants and 3 system connections.

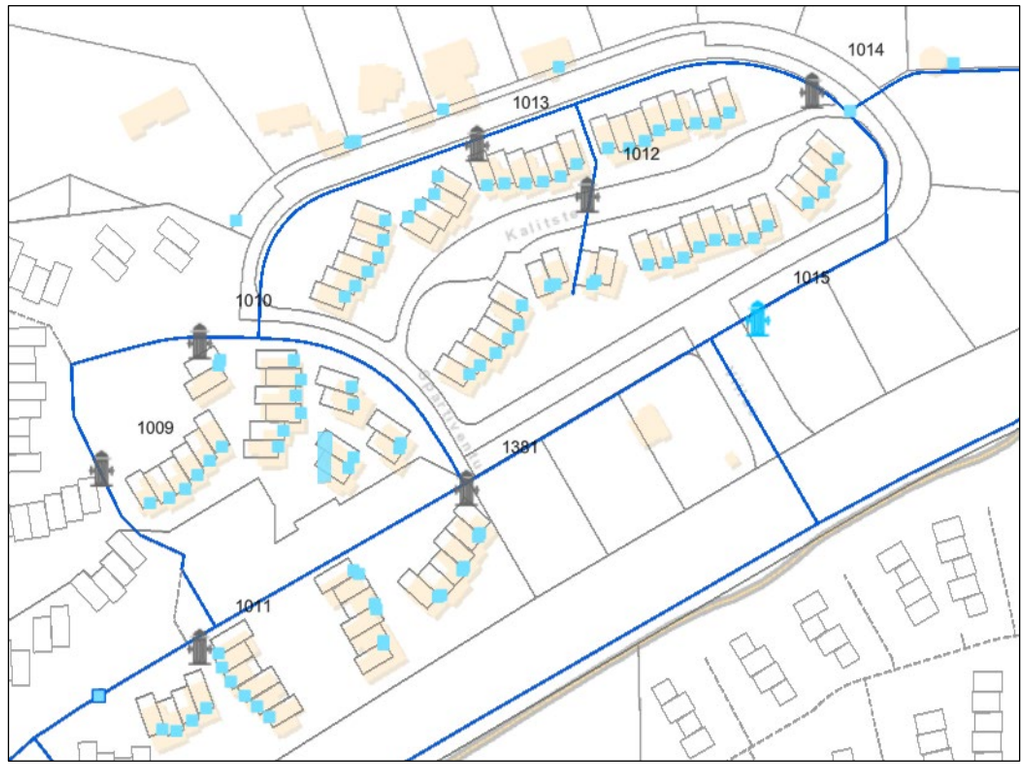
Justification or Significance of Improvement:

The water main is ageing thin walled steel, actively failing and at the end of its useful life. Replacement of this watermain will bring the water system to current District standards.

Justification Data:

Asset Category:	WATER
Asset Type:	Multiple
Project Type:	Upgrade
Justification Category:	Multiple
Facility Age (Life):	N/A

Map/Photo:



Project Costs

Phase	Pre 2024 Actual	2024 Projected	2025 Budget	2026 Budget	2027 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ 6,945	$ 82,955	$ 67,797	$ 46,610	$ -	$ 204,307
Construction	$ -	$ -	$ -	$ -	$ 2,953,710	$ 2,953,710
Total Project Costs	**$ 6,945**	**$ 82,955**	**$ 67,797**	**$ 46,610**	**$ 2,953,710**	**$ 3,158,017**
Funding Source(s):						
	$ -	$ -	$ -	$ -	$ -	$ -
Net Capital Expenditure	**$ 6,945**	**$ 82,955**	**$ 67,797**	**$ 46,610**	**$ 2,953,710**	**$ 3,158,017**

Project Schedule

Begin Design:	Sep-23
Bid Construction:	Jan-27
Start Construction:	May-27
Complete Construction:	Sep-27

8180	P/N

Project Title:	Lower Meeks Bay Pressure Reducing Valve Project
Project Manager:	Phillip Tapia
Current Phase:	DESIGN
Budget Location:	CAPITAL - WATER
Design Consultant:	Auerbach Engineering Corp.
Const. Contractor:	Vinciguerra Construction

Project Description:

The work will consist of the installation of approximately 600 feet of new 8" water main and a pressure reducing valve (PRV) station to connect the Meeks Bay Vista pressure zone to the Tahoe Hills distribution system.

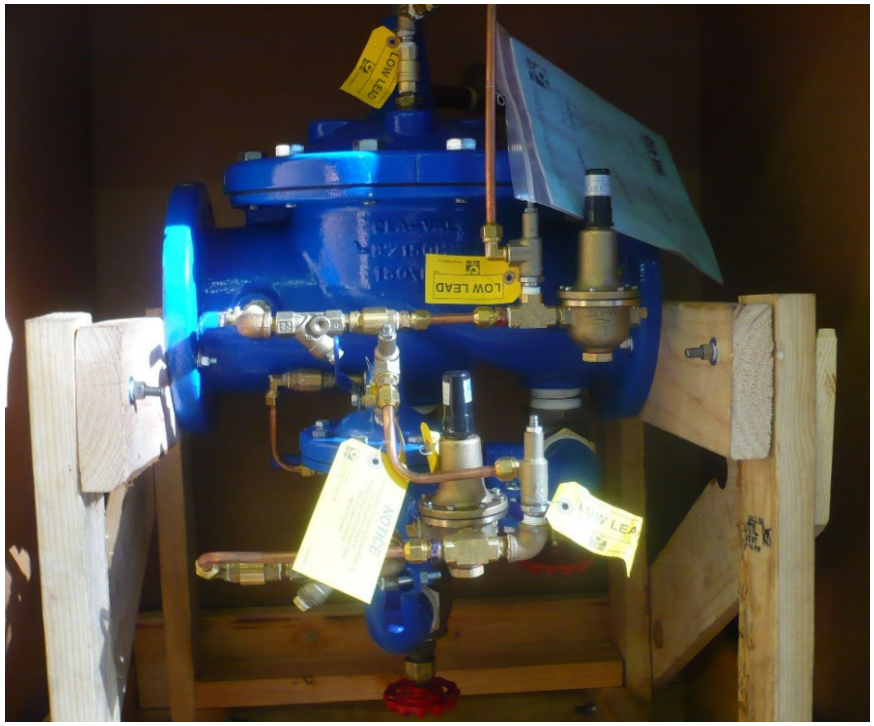
Justification or Significance of Improvement:

The Meeks Bay Vista pressure zone is currently fed from one PRV on the south end of the system running the length of Meeks Bay Avenue (5,700 feet). The system experiences severe head loss under fire flows. Providing a northerly connection will greatly improve fire flow at all hydrants along Meeks Bay Avenue and create a redundant connection to the system in the event of a failure or maintenance of one PRV.

Justification Data:

Asset Category:	WATER
Asset Type:	Distribution
Project Type:	Upgrade
Justification Category:	Capacity
Age of the Asset :	N/A

Map/Photo:



Project Costs

Phase	Pre 2024 Actual	2023 Actual	2024 Projected	2025 Budget	2026 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ -	$ 31,414	$ 127,804	$ 15,000	$ -	$ 174,218
Construction	$ -	$ -	$ -	$ 1,005,934	$ -	$ 1,005,934
Total Project Costs	**$ -**	**$ 31,414**	**$ 127,804**	**$ 1,020,934**	**$ -**	**$ 1,180,152**
Funding Source(s):						
El Dorado Water Agency (EDWA)	$ -	$ -	$ -	$ 200,000	$ -	$ 200,000
Net Capital Expenditure	**$ -**	**$ 31,414**	**$ 127,804**	**$ 820,934**	**$ -**	**$ 980,152**

Project Schedule

Begin Design:	Jan-22
Bid Construction:	Nov-24
Start Construction:	May-25
Complete Construction:	Sep-25

8183	P/N

Project Title:	Rubicon Wells 2 & 3 - Backup Power Project
Project Manager:	Celeste Havener
Current Phase:	CONSTRUCTION
Budget Location:	CAPITAL - WATER
Design Consultant:	Sauers Engineering Inc.
Const. Contractor:	K.G. Walters

Project Description:

The Rubicon Wells 2 & 3 Station is located on two parcels just south of Meeks Bay. The District will design and construct a building to house a permanent backup generator. Both wells will run off of one generator in the new building.

Justification or Significance of Improvement:

Located just south of Meeks Bay, backup electric power is critical. Winter access can be difficult and the lack of a permanent generator can make emergency response during power outages difficult.

Justification Data:

Asset Category:	WATER
Asset Type:	Source
Project Type:	Upgrade
Justification Category:	Vulnerability/Risk
Facility Age (Life):	N/A

Map/Photo:

Project Costs

Phase	Pre 2024 Actual	2023 Actual	2024 Projected	2025 Budget*	2026 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ 2,971	$ 29,069	$ 166,739	$ -	$ -	$ 198,778
Construction	$ -	$ -	$ 173,068	$ 2,172,296	$ -	$ 2,345,364
Total Project Costs	**$ 2,971**	**$ 29,069**	**$ 339,807**	**$ 2,172,296**	**$ -**	**$ 2,544,142**
Funding Source(s):						
El Dorado Water Agency (EDWA)	$ -	$ -	$ -	$ 200,000	$ -	$ 200,000
Net Capital Expenditure	**$ 2,971**	**$ 29,069**	**$ 339,807**	**$ 1,972,296**	**$ -**	**$ 2,344,142**

*Approved with Notice of Award

Project Schedule

Begin Design:	Jan-22
Bid Construction:	Nov-24
Start Construction:	May-25
Complete Construction:	Dec-25

8179	P/N

Project Title:	Rubicon Tank No. 1 Water Feed Line Replace
Project Manager:	Phillip Tapia
Current Phase:	DESIGN
Budget Location:	CAPITAL - WATER
Design Consultant:	Auerbach Engineering Corp.
Const. Contractor:	Vinciguerra Construction

Project Description:

Replace approximately 275 feet of 6-inch water main with a 10-inch diameter water main from the Rubicon Tank No. 1 to the existing distribution main in Lakeridge Dr.

Justification or Significance of Improvement:

The current 6-inch water main serves as the common inlet/outlet from the Rubicon Tank No. 1. The current 6-inch diameter is undersized to meet the higher flow demands of the Rubicon system. Increasing the diameter of this section of pipe will provide additional flow and pressure under high demand conditions such as fire flow.

Justification Data:

Asset Category:	WATER
Asset Type:	Storage
Project Type:	Replace
Justification Category:	Capacity
Facility Age (Life):	N/A

Map/Photo:

Project Costs

Phase	Pre 2024 Actual	2023 Actual	2024 Projected	2025 Budget	2026 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ 1,020	$ 27,577	$ 72,852	$ 7,000	$ -	$ 108,449
Construction	$ -	$ -	$ -	$ 505,310	$ -	$ 505,310
Total Project Costs	**$ 1,020**	**$ 27,577**	**$ 72,852**	**$ 512,310**	**$ -**	**$ 613,759**
Funding Source(s):						
El Dorado Water Agency (EDWA)	$ -		$ -	$ 75,000	$ -	$ 75,000
Net Capital Expenditure	**$ 1,020**	**$ 27,577**	**$ 72,852**	**$ 437,310**	**$ -**	**$ 538,759**

Project Schedule

Begin Design:	Jan-22
Bid Construction:	Nov-24
Start Construction:	May-25
Complete Construction:	Sep-25

	P/N
Project Title:	Tahoe Swiss Service Area - Meter Installation Project
Project Manager:	TBD
Current Phase:	DESIGN
Budget Location:	CAPITAL - WATER
Design Consultant:	TBD
Const. Contractor:	TBD

Map/Photo:

Project Description:

Install new water meters for customers who have existing water meters and customers who have existing water meter setters, but no meter.

Install meter boxes, setters and metering equipment at customer locations who currently only have a service valve.

Justification or Significance of Improvement:

Customer water metering is best practice and is required in the State of California. Existing and future water conservation regulations will make the use of water meters imperative in meeting future mandates and water use targets.

Justification Data:

Asset Category:	WATER
Asset Type:	Distribution
Project Type:	Upgrade
Justification Category:	Regulatory
Age of the Asset :	N/A

Project Costs

Phase	Pre 2024 Actual	2024 Projected	2025 Budget	2026 Budget	2027 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ -	$ -	$ 89,370	$ -	$ -	$ 89,370
Construction	$ -	$ -	$ -	$ 2,244,180	$ -	$ 2,244,180
Total Project Costs	**$ -**	**$ -**	**$ 89,370**	**$ 2,244,180**	**$ -**	**$ 2,333,550**
Funding Source(s):						
	$ -	$ -	$ -		$ -	$ -
Net Capital Expenditure	**$ -**	**$ -**	**$ 89,370**	**$ 2,244,180**	**$ -**	**$ 2,333,550**

Project Schedule

Begin Design:	Jun-25
Bid Construction:	Feb-26
Start Construction:	May-26
Complete Construction:	Oct-26

	P/N
Project Title:	Glenridge Service Area - Meter Installation Project
Project Manager:	TBD
Current Phase:	DESIGN
Budget Location:	CAPITAL - WATER
Design Consultant:	TBD
Const. Contractor:	TBD

Map/Photo:

Project Description:

Install new water meters for customers who have existing water meters and customers who have existing water meter setters, but no meter.

Install meter boxes, setters and metering equipment at customer locations who currently only have a service valve.

Justification or Significance of Improvement:

Customer water metering is best practice and is required in the State of California. Existing and future water conservation regulations will make the use of water meters imperative in meeting future mandates and water use targets.

Justification Data:

Asset Category:	WATER
Asset Type:	Distribution
Project Type:	Upgrade
Justification Category:	Regulatory
Age of the Asset :	N/A

Project Costs

Phase	Pre 2024 Actual	2024 Projected	2025 Budget	2026 Budget	2027 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ -	$ -	$ 28,980	$ -		$ 28,980
Construction	$ -	$ -	$ -	$ 311,880		$ 311,880
Total Project Costs	**$ -**	**$ -**	**$ 28,980**	**$ 311,880**	**$ -**	**$ 340,860**
Funding Source(s):						
	$ -	$ -	$ -		$ -	$ -
Net Capital Expenditure	**$ -**	**$ -**	**$ 28,980**	**$ 311,880**	**$ -**	**$ 340,860**

Project Schedule

Begin Design:	Jun-25
Bid Construction:	Feb-26
Start Construction:	May-26
Complete Construction:	Oct-26

	P/N
Project Title:	Tahoe Swiss Service Area - Interconnection Pipeline
Project Manager:	TBD
Current Phase:	DESIGN
Budget Location:	CAPITAL - WATER
Design Consultant:	TBD
Const. Contractor:	TBD

Project Description:

Improve hydraulic capacity of the existing interconnection between Madden Creek and Tahoe Swiss water systems. Work includes improvements of the interconnection and pipeline improvements in the Tahoe Swiss service area to move water more efficiently. Improvements are needed in the Madden Creek system but should be completed by another project.

Justification or Significance of Improvement:

Improve the redundancy and reliability of the Tahoe Swiss service area by providing an alternative source of water that can feed the entire TSVU service area.

Justification Data:

Asset Category:	WATER
Asset Type:	Distribution
Project Type:	Upgrade
Justification Category:	Redundancy/Reliability
Age of the Asset :	N/A

Map/Photo:

Project Costs

Phase	Pre 2024 Actual	2024 Projected	2025 Budget	2026 Budget	2027 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ -	$ -	$ 328,050	$ -	$ -	$ 328,050
Construction	$ -	$ -	$ -	$ 2,493,180	$ -	$ 2,493,180
Total Project Costs	**$ -**	**$ -**	**$ 328,050**	**$ 2,493,180**	**$ -**	**$ 2,821,230**
Funding Source(s):						
	$ -	$ -	$ -		$ -	$ -
Net Capital Expenditure	**$ -**	**$ -**	**$ 328,050**	**$ 2,493,180**	**$ -**	**$ 2,821,230**

Project Schedule

Begin Design:	Jun-25
Bid Construction:	Feb-26
Start Construction:	May-26
Complete Construction:	Oct-26

	P/N
Project Title:	Concrete Tank Rehabilitation
Project Manager:	Phillip Tapia
Current Phase:	PLANNING
Budget Location:	CAPITAL - WATER
Design Consultant:	TBD
Const. Contractor:	TBD

Project Description:

This project will conduct condition assessment of the Four Seasons and Tahoe Tavern concrete water tanks to determine rehabilitation needs and then construct the identified improvements.

Justification or Significance of Improvement:

Tank inspection and rehabilitation efforts are intended to keep facilities in operation as long as possible by identifying defects early, and addressing them before they result in failure of the structure. These two tanks are constructed of prestressed concrete. There are few companies in the United States qualified to perform detailed and thorough assessment and rehabilitatation, therefore the costs are higher than with typical steel tanks.

Justification Data:

Asset Category:	WATER
Asset Type:	Storage
Project Type:	Rehab
Justification Category:	Vulnerability/Risk
Facility Age (Life):	N/A

Map/Photo:

Project Costs

Phase	Pre 2024 Actual	2023 Actual	2024 Projected	2025 Budget	2026 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ -	$ -	$ 24,304	$ 66,050	$ -	$ 90,354
Construction	$ -	$ -	$ -	$ -	$ 752,400	$ 752,400
Total Project Costs	**$ -**	**$ -**	**$ 24,304**	**$ 66,050**	**$ 752,400**	**$ 842,754**
Funding Source(s):						
	$ -	$ -	$ -	$ -	$ -	$ -
Net Capital Expenditure	**$ -**	**$ -**	**$ 24,304**	**$ 66,050**	**$ 752,400**	**$ 842,754**

Project Schedule

Begin Design:	Feb-24
Bid Construction:	Feb-26
Start Construction:	May-26
Complete Construction:	Oct-26

8178	P/N

Project Title:	West Shore Storage Augmentation
Project Manager:	Will Stelter
Current Phase:	PLANNING
Budget Location:	CAPITAL - WATER
Design Consultant:	Carollo Engineers
Const. Contractor:	TBD

Project Description:

Provide increased regional water storage capacity and transmission connectivity between Timberland and Tahoe Cedars on the west shore of Lake Tahoe. For budgeting, assumed to include 2 new water storage tanks and 12,000 linear feet of transmission line. Prepare a preliminary design report addressing tank site selection & sizing, existing tank analysis, and transmission main routing & sizing as recommended in the 2010 PCWA - Northwest Lake Tahoe Area Water System Master Plan Project Report.

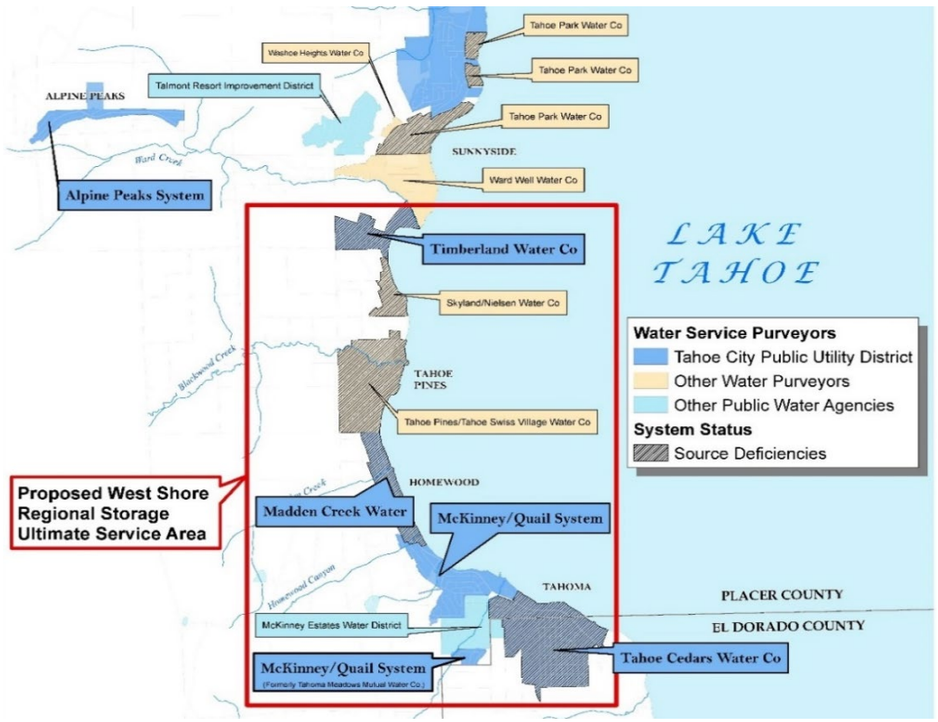
Justification or Significance of Improvement:

As discussed in the PCWA report, the west shore of Lake Tahoe has multiple disconnected water systems, which do not have sufficient fire flow and storage capacity. This project would provide a regional system capable of providing sufficient fire flow and storage to these systems including the TCPUD's Timberland, Madden Creek, McKinney/Quail, and Tahoe Cedars water systems. This regional system would also take advantage of the water source established with the WLTRWTP

Justification Data:

Asset Category:	WATER
Asset Type:	Multiple
Project Type:	Upgrade
Justification Category:	Redundancy/Reliability
Facility Age (Life):	N/A

Map/Photo:



Project Costs

Phase	Pre 2024 Actual	2024 Projected	2025 Budget	2026 Budget	2027 Budget	2028 Budget	2029-2033 Budget	Total
Preliminary	$ 312,348	$ 91,095	$ 81,000	$ -	$ -	$ -	$ -	$ 484,443
Design	$ -	$ -	$ -	$ 51,700	$ 232,650	$ 232,650	$ 1,056,000	$ 1,573,000
Construction	$ -	$ -	$ -	$ -	$ -	$ 2,812,500	$ 10,625,000	$ 13,437,500
Total Project Costs	**$ 312,348**	**$ 91,095**	**$ 81,000**	**$ 51,700**	**$ 232,650**	**$ 3,045,150**	**$ 11,681,000**	**$ 15,494,943**
Funding Source(s):								
	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Net Capital Expenditure	**$ 312,348**	**$ 91,095**	**$ 81,000**	**$ 51,700**	**$ 232,650**	**$ 3,045,150**	**$ 11,681,000**	**$ 15,494,943**

Project Schedule

Begin Design:	Jun-23
Bid Construction:	Nov-27
Start Construction:	May-27
Complete Construction:	Oct-33

8171	P/N

Project Title:	Madden Creek Water System Reconstruction Project
Project Manager:	Will Stelter
Current Phase:	DESIGN
Budget Location:	CAPITAL - WATER
Design Consultant:	Auerbach Engeering Corp.
Const. Contractor:	TBD

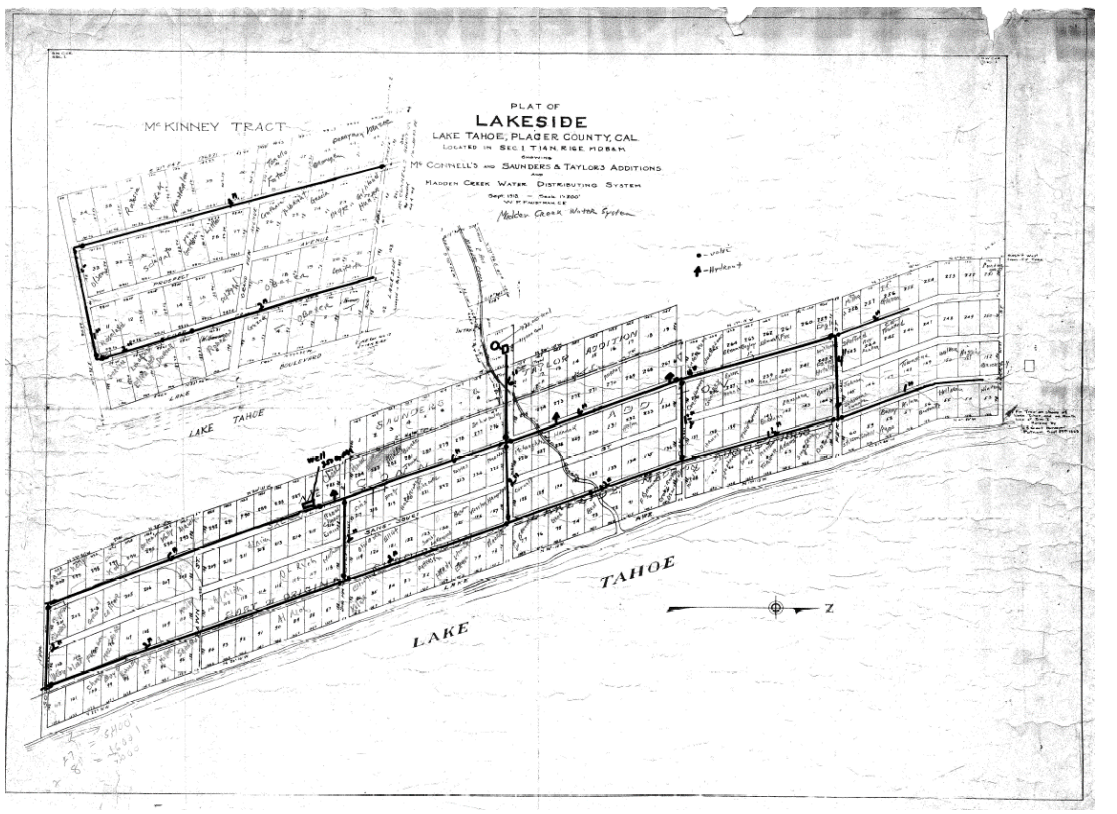
Project Description:

This project will completely replace the existing water distribution system. The first two phases provided an interconnection between the Madden Creek Water system and the McKinney Quail Water System and replaced 3,700 linear feet of water main, and installed 93 service laterals and 11 fire hydrants. The remaining Madden Creek water system has approximately 18,400 linear feet of water main to replace, 124 service laterals, and 32 fire hydrants.

Justification or Significance of Improvement:

The 2019 Phase 1 Project provided an interconnection with the TCPUD McKinney-Quail water service area, increasing capacity and storage capable of enhanced fire flows and access to the future regional water supply from the West Lake Tahoe Regional Water Treatment Plant project. Phase 2 of the Project began the replacement of the undersized and aging water lines necessary to improve system operation and improve fire protection. The final phase of this project will complete the replacement of the entire Madden Creek Water System and provide a safe reliable water system that meets District standards.

Map/Photo:



Justification Data:

Asset Category:	WATER
Asset Type:	Distribution
Project Type:	Replace
Justification Category:	Age/Condition
Facility Age (Life):	100+ years old

Project Costs

Phase	Pre 2023 Actual	2023 Actual	2024 Projected	2025 Budget	2026-2027 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ 63,989	$ 233,863	$ 285,116	$ 319,154	$ -	$ 902,122
Construction	$ -	$ -	$ 362,282	$ 6,726,997	$ 9,197,652	$ 16,286,931
Total Project Costs	**$ 63,989**	**$ 233,863**	**$ 647,398**	**$ 7,046,152**	**$ 9,197,652**	**$ 17,189,054**
Funding Source(s):						
	$ -	$ -	$ -	$ -	$ -	$ -
Net Capital Expenditure	**$ 63,989**	**$ 233,863**	**$ 647,398**	**$ 7,046,152**	**$ 9,197,652**	**$ 17,189,054**

Project Schedule

Begin Design:	Jan-23
Bid Construction:	Feb-25
Start Construction:	May-25
Complete Construction:	Oct-27

8184	P/N

Project Title:	Tahoe Cedars Water System Reconstruction Project
Project Manager:	Matt Homolka
Current Phase:	PLANNING
Budget Location:	CAPITAL - WATER
Design Consultant:	TBD
Const. Contractor:	TBD

Project Description:

This project will completely replace the existing failing water distribution system. Tahoe Cedars water system has approximately 79,000 linear feet of water main to replace and and 1,000 meters and 97 fire hydrants to install.

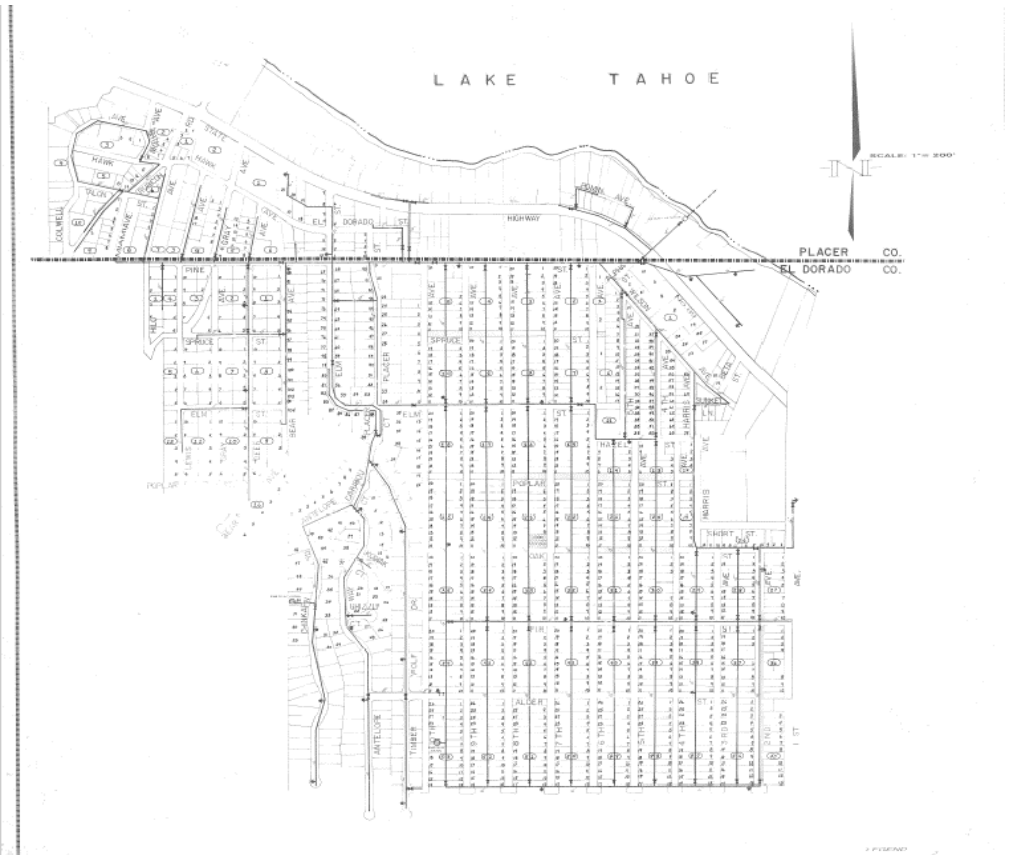
Justification or Significance of Improvement:

The Tahoe Cedars Water System was acquired by the TCPUD in January of 2018. It is unmetered, the distribution system is severely undersized, and is in very poor condition. The proposed project will address metering, fire flow, hydrant spacing, networking, valving, and water quality. When completed the replacement of the entire Tahoe Cedars water system will provide a safe reliable water system that meets District standards.

Justification Data:

Asset Category:	WATER
Asset Type:	Distribution
Project Type:	Rehab
Justification Category:	Multiple
Facility Age (Life):	TBD

Map/Photo:



Project Costs

Phase	Pre 2024 Actual	2024 Projected	2025 Budget	2026 Budget	2027 Budget	2028- 2031 Budget	Total
Prelim	$ 22,631	$ -	$ -	$ -	$ -	$ -	$ 22,631
PDB Procurement	$ 354,315	$ 326,294	$ 475,000	$ 270,000	$ 155,000	$ 620,000	$ 2,200,609
Design/Construction	$ -	$ -	$ 4,000,000	$ 9,333,333	$ 9,333,333	$37,333,333	$ 60,000,000
Total Project Costs	**$ 376,947**	**$ 326,294**	**$ 4,475,000**	**$ 9,603,333**	**$ 9,488,333**	**$37,953,333**	**$ 62,223,240**
Funding Source(s):							
	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Net Capital Expenditure	**$ 376,947**	**$ 326,294**	**$ 4,475,000**	**$ 9,603,333**	**$ 9,488,333**	**$37,953,333**	**$ 62,223,240**

Project Schedule

Begin Design:	Jan-25
Start Construction:	May-25
Complete Construction:	Oct-31

8102	P/N

Project Title:	Large Commercial/Domestic Meter Replacement Program
Project Manager:	TBD
Current Phase:	CONSTRUCTION
Budget Location:	CAPITAL - WATER
Design Consultant:	NA
Const. Contractor:	DISTRICT

Map/Photo:

Project Description:

This project replaces approximately 25% of the large commercial and domestic 2-inch meters with more accurate compound meters.

Justification or Significance of Improvement:

Leak detection and water audit data have shown that several 2-inch meters are failing to register lower domestic flows. This problem will become more prevalent as meters routinely wear and lose the ability to register low flow. This inaccuracy leads to false water audit data and lost revenue due to unaccounted for water. Many of the commercial meters are approaching 15-18 years of age and are likely to need replacement in the next five years.

Justification Data:

Asset Category:	WATER
Asset Type:	Distribution
Project Type:	Replace
Justification Category:	Age/Condition
Facility Age (Life):	9 to 20

Project Costs

Phase	Pre 2024 Actual	2023 Actual	2024 Projected	2025 Budget	2026 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 54,515	$ -	$ -	$ 35,547	$ -	$ 90,062
Total Project Costs	**$ 54,515**	**$ -**	**$ -**	**$ 35,547**	**$ -**	**$ 90,062**
Funding Source(s):						
	$ -	$ -	$ -	$ -	$ -	$ -
Net Capital Expenditure	**$ 54,515**	**$ -**	**$ -**	**$ 35,547**	**$ -**	**$ 90,062**

Project Schedule

Begin Design:	NA
Bid Construction:	NA
Start Construction:	Aug-15
Complete Construction:	Dec-25

2025 Sewer Projects

Project Justification Legend

Asset Type
- Transmission
- Collection
- Equipment
- Multiple

Project Type
- Upgrade
- Replace
- Rehab

Justification Category
- Capacity
- Age/Condition
- Safety/Security
- Regulatory
- Vulnerability/Risk
- Best Practice
- Redundancy/Reliability
- Multiple
- Other

8350	P/N

Project Title:	Line Replacement/Sliplining, Manhole Rehab & Lateral Repairs
Project Manager:	TBD
Current Phase:	CONSTRUCTION
Budget Location:	CAPITAL - SEWER
Design Consultant:	District
Const. Contractor:	District & Multiple

Map/Photo:

Project Description:

Perform long-term rehabilitation procedures on structural deficiencies found in the District's sewer system.

Justification or Significance of Improvement:

With 20% of the District sewer lines being TV tested annually and in wet years allowing the District to find infiltration, it is necessary to perform spot repairs and/or rehabilitation to immediately correct deficiencies. This project will be utilized to perform ongoing rehabilitation of the sewer system to minimize the risk of overflows and minimize inflow into the sewer system.

Justification Data:

Asset Category:	SEWER
Asset Type:	Collection
Project Type:	Rehab
Justification Category:	Age/Condition
Facility Age (Life):	NA

Project Costs

Phase	Pre 2024 Actual	2024 Projected	2025 Budget	2026 Budget	2027-2029 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 579,243	$ 20,545	$ 50,000	$ 50,000	$ 150,000	$ 849,788
Total Project Costs	**$ 579,243**	**$ 20,545**	**$ 50,000**	**$ 50,000**	**$ 150,000**	**$ 849,788**
Funding Source(s):						
	$ -	$ -	$ -	$ -	$ -	$ -
Net Capital Expenditure	**$ 579,243**	**$ 20,545**	**$ 50,000**	**$ 50,000**	**$ 150,000**	**$ 849,788**

Project Schedule

Begin Design:	NA
Bid Construction:	NA
Start Construction:	Ongoing
Complete Construction:	NA

8369	P/N

Project Title:	SPS Storage Improvement - (Lonely Gulch, Water's Edge, North Lane, Coast Guard)
Project Manager:	Will Stelter
Current Phase:	Ph. 2 - DESIGN
Budget Location:	CAPITAL - SEWER
Design Consultant:	Heggen Lentz Engineering
Const. Contractor:	Phase 2 - TBD

Map/Photo:

Project Description:

In 2022 the Lonely Gulch and North Lane sewer pump stations received precast overflow wet wells. The Water's Edge (Ph. 2) and Coast Guard (Ph. 3) pump stations are scheduled for installation of expanded precast overflow wet wells.

Justification or Significance of Improvement:

Increasing storage capacity at the pump stations dramatically reduces the chances of a sanitary sewer overflow occurring due to a pump station failure or export line problem. The increased storage capacity will allow District staff additional time to correct the problem prior to an overflow occurring. These projects were recommendations identified in the Board-adopted Sewer Pump Station Master Plan.

Justification Data:

Asset Category:	SEWER
Asset Type:	Transmission
Project Type:	Upgrade
Justification Category:	Vulnerability/Risk
Facility Age (Life):	N/A (60)

Project Costs

Phase	Pre 2024 Actual	2024 Projected	2025 Budget	2026 Budget	2027 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ 248,983	$ 57,235	$ 136,586	$ -	$ -	$ 442,804
Construction	$ 389,146	$ -	$ 2,184,114	$ -	$ -	$ 2,573,260
Total Project Costs	**$ 638,129**	**$ 154,442**	**$ 2,320,700**	**$ -**	**$ -**	**$ 3,016,064**
Funding Source(s):						
	$ -	$ -	$ -	$ -	$ -	$ -
Net Capital Expenditure	**$ 638,129**	**$ 154,442**	**$ 2,320,700**	**$ -**	**$ -**	**$ 3,016,064**

Project Schedule

Begin Design:	May-21
Bid Ph. 1 Construction:	Jul-22
Start Ph. 1 Construction:	Sep-22
Complete Ph. 1 Construction:	Oct-22
Bid Ph. 2 Construction:	May-25
Bid Ph. 3 Construction:	Jan-25

8357	P/N

Project Title:	Emergency Bypass Facilities (PS & FM)
Project Manager:	Phillip Tapia
Current Phase:	Ph. 2 - DESIGN
Budget Location:	CAPITAL - SEWER
Design Consultant:	Heggen Lentz Engineering
Const. Contractor:	Phase 2 - TBD

Project Description:

In 2022, The Gold Coast force main received 4 emergency bypass ports. The work for 2023-2024 consisted of installing emergency bypass facilities at Meeks Bay, Sunnyside, Blackwood, Madden, and McKinney pump stations. Additional intermediate bypass ports will be installed on the Meeks Bay force mains due to their length (over 6,000 LF).

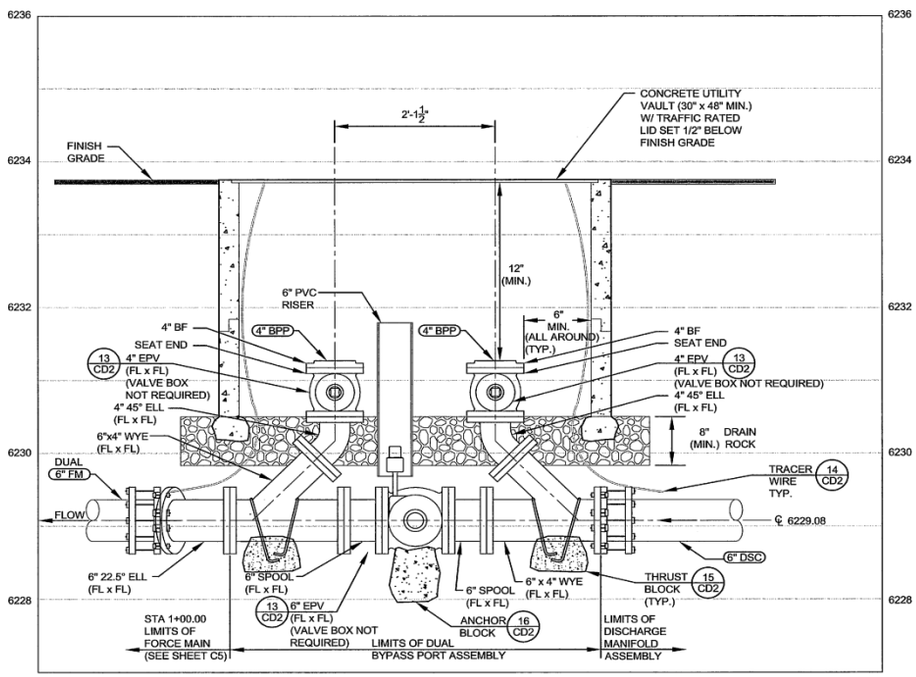
Justification or Significance of Improvement:

A sewer pump station or force main failure often requires sewage flow to be bypassed into trucks or to the nearest gravity collection system downstream of the pump station basin. Timing and ease of bypass are critical to achieving a bypass without spilling sewage. These facilities will allow District personnel to bypass a sewer pump station quicker and more effectively.

Justification Data:

Asset Category:	SEWER
Asset Type:	Transmission
Project Type:	Upgrade
Justification Category:	Redundancy/Reliability
Facility Age (Life):	N/A

Map/Photo:



H DUAL BYPASS PORT DETAIL

Project Costs

Phase	Pre 2024 Actual	2024 Projected	2025 Budget	2026 Budget	2027 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ 203,671	$ -	$ -	$ -	$ -	$ 203,671
Construction	$ 1,462,666	$ 545,900	$ 73,443	$ -	$ -	$ 2,082,009
Total Project Costs	**$ 1,666,337**	**$ 545,900**	**$ 73,443**	**$ -**	**$ -**	**$ 2,285,681**
Funding Source(s):						
	$ -	$ -	$ -	$ -	$ -	$ -
Net Capital Expenditure	**$ 1,666,337**	**$ 545,900**	**$ 73,443**	**$ -**	**$ -**	**$ 2,285,681**

Project Schedule

Begin Design:	May-21
Bid Ph. 1 Construction:	Jul-22
Start Ph. 1 Construction:	Sep-22
Complete Ph. 1 Construction:	Oct-22
Bid Ph. 2 Construction:	Jun-23
Start Ph. 2 Construction:	Aug-23
Complete Ph. 2 Construction:	Oct-25

8370	P/N

Project Title:	Sixth Avenue Sewer Line Replacement
Project Manager:	Phillip Tapia
Current Phase:	CONSTRUCTION
Budget Location:	CAPITAL - SEWER
Design Consultant:	Auerbach Engineering Corp.
Const. Contractor:	F.W. Carson Co.

Project Description:

The project will replace 1,350 linear feet of 8-inch sewer main on Sixth Avenue in Tahoma. Work will include 4 sanitary sewer manholes, 7 service lateral connections, bypass pumping, pavement restoration, traffic control, and shoring.

Justification or Significance of Improvement:

In late summer 2022 District Utilities crew were conducting routine sewer line cleaning on this section of pipe. Staff recognized gravel backfill at the opposite end of the sewer line. Upon TV inspection of the sewer main they identified internal signs of the structural failure.

Justification Data:

Asset Category:	SEWER
Asset Type:	Collection
Project Type:	Upgrade
Justification Category:	Multiple
Facility Age (Life):	N/A

Map/Photo:

Project Costs

Phase	Pre 2024 Actual	2024 Projected	2025 Budget	2026 Budget	2027 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ 21,210	$ 81,372			$ -	$ 102,582
Construction	$ -	$ 1,201,926	$ 10,340	$ -	$ -	$ 1,212,266
Total Project Costs	**$ 21,210**	**$ 1,283,298**	**$ 10,340**	**$ -**	**$ -**	**$ 1,314,848**
Funding Source(s):						
PCWA	$ -		$ -	$ -	$ -	$ -
Net Capital Expenditure	**$ 21,210**	**$ 1,283,298**	**$ 10,340**	**$ -**	**$ -**	**$ 1,314,848**

Project Schedule

Begin Design:	Mar-23
Bid Construction:	Mar-24
Start Construction:	Jul-24
Complete Construction:	Oct-24

8331	P/N

Project Title:	Dollar/Edgewater Sewer Repair Phase 3
Project Manager:	Matt Homolka
Current Phase:	DESIGN
Budget Location:	CAPITAL - SEWER
Design Consultant:	Auerbach Engineering Corp.
Const. Contractor:	TBD

Project Description:

This work will consist of the development of alternatives, design, and construction of a mitigation measure to protect and cover the repaired pipe in the shorezone.

Justification or Significance of Improvement:

The pipe that was repaired in 2019 has been exposed on the surface of the lakebed. The District is working with the appropriate regulatory agencies and the fronting property owners to develop a sustainable solution that will cover and protect the pipe from wave action and erosion.

Justification Data:

Asset Category:	SEWER
Asset Type:	Collection
Project Type:	Rehabilitation
Justification Category:	Vulnerability/Risk
Facility Age (Life):	53(40)

Map/Photo:

Project Costs

Phase	Pre 2024 Actual	2024 Projected	2025 Budget	2026 Budget	2027 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ 144,117	$ -	$ 190,902	$ -	$ -	$ 335,019
Construction	$ -	$ -	$ -	$ 1,143,000	$ -	$ 1,143,000
Total Project Costs	**$ 144,117**	**$ -**	**$ 190,902**	**$ 1,143,000**	**$ -**	**$ 1,478,019**
Funding Source(s):						
	$ -	$ -	$ -	$ -	$ -	$ -
Net Capital Expenditure	**$ 144,117**	**$ -**	**$ 190,902**	**$ 1,143,000**	**$ -**	**$ 1,478,019**

Project Schedule

Begin Design:	Nov-20
Bid Construction:	Mar-26
Start Construction:	May-26
Complete Construction:	Sep-26

	P/N
Project Title:	Sewer Line Rehabilitation - Bunker Drive
Project Manager:	TBD
Current Phase:	PLANNING
Budget Location:	CAPITAL - SEWER
Design Consultant:	TBD
Const. Contractor:	TBD

Project Description:

Rehabilitate the sewer mains in the Bunker Drive area with a combination of spot repairs and cure-in-place lining.

Justification or Significance of Improvement:

The Bunker Drive area was one of the first subdivisions to be sewered in the TCPUD area. At the time, the use of vitrified clay sewer pipe (VCP) was common. While VCP as a material is very impervious and resilient to the sewer environment, the means and methods of installing and joining the pipe are causing cracks and joint failure which leads to root intrusion and infiltration. Root intrusion is a leading cause of sanitary sewer overflows, and as much of this area is in a sensitive drainage, overflows can be damaging to the environment and private property.

Justification Data:

Asset Category:	WATER
Asset Type:	Multiple
Project Type:	Upgrade
Justification Category:	Multiple
Facility Age (Life):	N/A

Map/Photo:

Project Costs

Phase	Pre 2024 Actual	2024 Projected	2025 Budget	2026 Budget	2027 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ -	$ -	$ 258,923	$ -	$ -	$ 258,923
Construction	$ -	$ -	$ -	$ 1,159,973	$ -	$ 1,159,973
Total Project Costs	**$ -**	**$ -**	**$ 258,923**	**$ 1,159,973**	**$ -**	**$ 1,418,895**
Funding Source(s):						
	$ -	$ -	$ -	$ -	$ -	$ -
Net Capital Expenditure	**$ -**	**$ -**	**$ 258,923**	**$ 1,159,973**	**$ -**	**$ 1,418,895**

Project Schedule

Begin Design:	Jun-25
Bid Construction:	Mar-26
Start Construction:	May-26
Complete Construction:	Oct-26

	P/N

Project Title:	Sewer Line Rehabilitation
Project Manager:	TBD
Current Phase:	PLANNING
Budget Location:	CAPITAL - WATER
Design Consultant:	N/A
Const. Contractor:	TBD

Project Description:

Preliminary design to rehabilitate the sewer mains in the Tahoe City Downtown, Tahoe City Golf Course and Fairway Drive areas, resulting in three separate construction projects.

Justification or Significance of Improvement:

Downtown Tahoe City was one of the first sewered in the TCPUD area. At the time, the use of vitrified clay sewer pipe (VCP) was common. While VCP as a material is very impervious and resilient to the sewer environment, the means and methods of installing and joining the pipe are causing cracks and joint failure which leads to root intrusion and infiltration. Root intrusion is a leading cause of sanitary sewer overflows, and as much of this area is in a sensitive drainage, overflows can be damaging to the environment and private property.

Justification Data:

Asset Category:	WATER
Asset Type:	Multiple
Project Type:	Upgrade
Justification Category:	Multiple
Facility Age (Life):	N/A

Map/Photo:

Project Costs

Phase	Pre 2025 Actual	2025 Budget	2026 Budget	2027 Budget	2028 Budget	2029 Budget	Total
Preliminary	$ -	$ 85,748	$ -	$ -	$ -	$ -	$ 85,748
Design	$ -	$ -	$ 60,518	$ 65,400	$ 88,452	$ -	$ 214,370
Construction	$ -	$ -	$ -	$ 671,753	$ 725,940	$ 981,817	$ 2,379,511
Total Project Costs	**$ -**	**$ 85,748**	**$ 60,518**	**$ 737,153**	**$ 814,392**	**$ 981,817**	**$ 2,679,629**
Funding Source(s):							
PCWA	$ -		$ -	$ -	$ -	$ -	$ -
Net Capital Expenditure	**$ -**	**$ 85,748**	**$ 60,518**	**$ 737,153**	**$ 814,392**	**$ 981,817**	**$ 2,679,629**

Project Schedule

Begin Design:	Jun-25
Bid Construction:	Mar-27
Start Construction:	May-27
Complete Construction:	Oct-29

8371	P/N

Project Title:	Sewer Pump Station Drywell Floor Recoating
Project Manager:	Phillip Tapia
Current Phase:	CONSTRUCTION
Budget Location:	CAPITAL - SEWER
Design Consultant:	Bay Area Coating Consultants, Inc.
Const. Contractor:	Ph. 2 - TDB

Project Description:

Interior surface recoating of the floors at various District sewer pump stations.

Justification or Significance of Improvement:

Virtually all of the District's sewer pump stations consist of a steel underground structure which houses the pumps, valves , piping and electrical controls. Preserving the integrity of the steel structure is critically important to keeping the stations running properly into the future. Wear/tear and age have taken their toll on the interior coatings that protect the steel structures. In addition, many of these coatings are original and have been found to contain lead. This Project will remove lead-based coatings in the high-wear floor areas and recoat them with modern coating material, extending the life of the facility and providing a safer environment.

Justification Data:

Asset Category:	SEWER
Asset Type:	Multiple
Project Type:	Upgrade
Justification Category:	Multiple
Facility Age (Life):	N/A

Map/Photo:

Project Costs

Phase	Pre 2024 Actual	2024 Projected	2025 Budget	2026 Budget	2027 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ -	$ 28,242	$ 37,180	$ -	$ -	$ 65,422
Construction	$ -	$ 223,796	$ -	$ 233,090	$ -	$ 456,886
Total Project Costs	**$ -**	**$ 252,039**	**$ 37,180**	**$ 233,090**	**$ -**	**$ 522,309**
Funding Source(s):						
	$ -	$ -	$ -	$ -	$ -	$ -
Net Capital Expenditure	**$ -**	**$ 252,039**	**$ 37,180**	**$ 233,090**	**$ -**	**$ 522,309**

Project Schedule

Begin Ph. 1 Design:	Jan-24
Bid Ph. 1 Construction:	May-24
Start Ph. 1 Construction:	Jun-24
Complete Ph. 1 Construction:	Sep-24
Begin Ph. 2 Design:	Oct-25
Bid Ph. 2 Construction:	May-26
Start Ph. 2 Construction:	Jun-26
Complete Ph. 2 Construction:	Sep-26

	P/N
Project Title:	Sewer Pump Station Valve Replacements
Project Manager:	Francisco González
Current Phase:	PLANNING
Budget Location:	CAPITAL - SEWER
Design Consultant:	TBD
Const. Contractor:	TBD

Project Description:

Replace isolation valves and check valves at various District sewer pump stations.

Justification or Significance of Improvement:

Virtually all of the District's sewer pump stations consist of a steel underground structure which houses the pumps, valves , piping and electrical controls.

Integral to the pumping system are the valves which allow isolation of the inlet and outlet to the pumps for maintenance, and the check valves which keep the pumps primed and force mains from draining back . Many of these valve are now 50+ years old and are in need of replacement.

Justification Data:

Asset Category:	SEWER
Asset Type:	Multiple
Project Type:	Replace
Justification Category:	Multiple
Facility Age (Life):	N/A

Map/Photo:

Project Costs

Phase	Pre 2023 Actual	2023 Projected	2024 Budget	2025 Budget	2026 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ -	$ -	$ -	$ 30,000	$ 20,000	$ 50,000
Construction	$ -	$ -	$ -	$ 169,500	$ 136,750	$ 306,250
Total Project Costs	**$ -**	**$ -**	**$ -**	**$ 199,500**	**$ 156,750**	**$ 356,250**
Funding Source(s):						
	$ -	$ -	$ -	$ -	$ -	$ -
Net Capital Expenditure	**$ -**	**$ -**	**$ -**	**$ 199,500**	**$ 156,750**	**$ 356,250**

Project Schedule

Begin Design:	Jan-25
Bid Construction:	Apr-25
Start Construction:	Jun-25
Complete Construction:	Jan-26

8334	P/N

Project Title:	Transfer Switch Replacement
Project Manager:	Francisco González
Current Phase:	CONSTRUCTION
Budget Location:	CAPITAL - SEWER
Design Consultant:	District
Const. Contractor:	District

Map/Photo:

Project Description:

Replacement of aging emergency generator automatic transfer switches at sewer pump stations

Justification or Significance of Improvement:

This switch automatically starts the generator and transfers the building electrical load to the generator in the event of a power outage. The switch then transfers power back to Utility power when normal power is restored and shuts down the generator. Many of the District's existing switches are aging. Reliability and parts availability for these older switches are becoming a concern.

Justification Data:

Asset Category:	SEWER
Asset Type:	Transmission
Project Type:	Replace
Justification Category:	Age/Condition
Facility Age (Life):	20-40 (30)

Project Costs

Phase	Pre 2024 Actual	2024 Projected	2025 Budget	2026 Budget	2027 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 41,690	$ -	$ 51,000	$ -	$ -	$ 92,690
Total Project Costs	**$ 41,690**	**$ -**	**$ 51,000**	**$ -**	**$ -**	**$ 92,690**
Funding Source(s):						
	$ -	$ -	$ -	$ -	$ -	$ -
Net Capital Expenditure	**$ 41,690**	**$ -**	**$ 51,000**	**$ -**	**$ -**	**$ 92,690**

Project Schedule

Begin Design:	Jan-20
Bid Construction:	NA
Start Construction:	May-20
Complete Construction:	Nov-25

8345	P/N

Project Title:	Satellite Pump Station Controls
Project Manager:	Francisco González
Current Phase:	CONSTRUCTION
Budget Location:	CAPITAL - SEWER
Design Consultant:	District
Const. Contractor:	District

Map/Photo:

Project Description:

This work consists of installing new controls and interfaces at the satellite sewer pump stations.

Justification or Significance of Improvement:

The current control technology in use at the satellite pump stations dates to the 1960s. Although fairly reliable, it requires significant maintenance and ongoing component repair. We are proposing to replace the existing controls with new, more reliable controls that allow for both local access and remote access.

Justification Data:

Asset Category:	SEWER
Asset Type:	Transmission
Project Type:	Replace
Justification Category:	Redundancy/Reliability
Facility Age (Life):	56 (50)

Project Costs

Phase	Pre 2024 Actual	2024 Projected	2025 Budget	2026 Budget	2027 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 406,555	$ 50,000	$ 100,000		$ -	$ 556,555
Total Project Costs	**$ 406,555**	**$ 50,000**	**$ 100,000**	**$ -**	**$ -**	**$ 556,555**
Funding Source(s):						
	$ -	$ -	$ -	$ -	$ -	$ -
Net Capital Expenditure	**$ 406,555**	**$ 50,000**	**$ 100,000**	**$ -**	**$ -**	**$ 556,555**

Project Schedule

Begin Design:	NA
Bid Construction:	NA
Start Construction:	Sep-12
Complete Construction:	Oct-25

8333	P/N

Project Title:	Spare Pumps
Project Manager:	Francisco González
Current Phase:	PLANNING
Budget Location:	CAPITAL - SEWER
Design Consultant:	NA
Const. Contractor:	NA

Project Description:

Purchase spare pumps and impellers.

Justification or Significance of Improvement:

The District is currently building an inventory of spare pumps for smaller two-pump sewage pumping stations. Many of the pumps are reaching the end of their useful life and need rebuilding. The District should perform several strategic purchases of pump impellers and motors to be able to rotate through and rebuild our smaller pump inventory while still maintaining two pump redundancy at all times.

Justification Data:

Asset Category:	SEWER
Asset Type:	Equipment
Project Type:	Replace
Justification Category:	Redundancy/Reliability
Facility Age (Life):	40

Map/Photo:

Project Costs

Phase	Pre 2024 Actual	2024 Projected	2025 Budget	2026 Budget	2027 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ -	$ -	$ -	$ -	$ -	$ -
Purchase	$ 153,583	$ -	$ 50,000	$ -	$ -	$ 203,583
Total Project Costs	**$ 153,583**	**$ -**	**$ 50,000**	**$ -**	**$ -**	**$ 203,583**
Funding Source(s):						
	$ -	$ -	$ -	$ -	$ -	$ -
Net Capital Expenditure	**$ 153,583**	**$ -**	**$ 50,000**	**$ -**	**$ -**	**$ 203,583**

Project Schedule

Begin Design:	NA
Bid Construction:	NA
Start Construction:	NA
Complete Construction:	NA

8314	P/N

Project Title:	Pump Station Flow Meters & Bypass Ports
Project Manager:	Francisco González
Current Phase:	CONSTRUCTION
Budget Location:	CAPITAL - SEWER
Design Consultant:	District
Const. Contractor:	District

Project Description:

Installation of magnetic flow meters at all sewer pump stations.

Map/Photo:

Justification or Significance of Improvement:

Accurate and reliable flow rate and volume measurements are all vital aspects of sewer pump station and collection system best management practices. Magnetic flow meters will allow early warning of pending clogging or pump failures. They will also provide daily flow volume measurements to establish baselines, identify excess infiltration or inflow, and allow operators to monitor pump and impeller wear on a statistical basis.

Justification Data:

Asset Category:	SEWER
Asset Type:	Transmission
Project Type:	Upgrade
Justification Category:	Best Practice
Facility Age (Life):	NA

Project Costs

Phase	Pre 2024 Actual	2024 Projected	2025 Budget	2026 Budget	2027 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 214,960	$ -	$ 50,000	$ -	$ -	$ 264,960
Total Project Costs	**$ 214,960**	**$ -**	**$ 50,000**	**$ -**	**$ -**	**$ 264,960**
Funding Source(s):						
	$ -	$ -	$ -	$ -	$ -	$ -
Net Capital Expenditure	**$ 214,960**	**$ -**	**$ 50,000**	**$ -**	**$ -**	**$ 264,960**

Project Schedule

Begin Design:	NA
Bid Construction:	NA
Start Construction:	Dec-10
Complete Construction:	Dec-25

2025 Parks Projects

Project Justification Legend

Asset Type
- Facility
- Parks
- Trails
- Equipment

Project Type
- Upgrade
- Replace
- Rehab

Justification Category
- Capacity
- Age/Condition
- Safety/Security
- Regulatory
- Vulnerability/Risk
- Best Practice
- Redundancy/Reliability
- Multiple
- Other

	P/N

Project Title:	Multi-Use Trail Rehabilitation Project
Project Manager:	Celeste Havener
Current Phase:	DESIGN
Budget Location:	CAPITAL - P&R
Design Consultant:	Lumos and Associates
Const. Contractor:	Segments 2&3 TBD

Project Description:

Asphalt paving and rehabilitation of existing bike trails. Project to include addressing transverse cracking, vegetation and root damage, shoulder erosion resulting in edge longitudinal cracking, and localized poor drainage. Safety issues and pavement retention to be prioritized.

Justification or Significance of Improvement:

A large portion of the trails are over 20 years old with some of the sections built over 40 years ago. Reoccurring cracking and breakdown of current asphalt has led to the trail system in need of reconstruction and resurfacing. This will provide a smoother, safer, and well-maintained trail system. Several locations have also been identified to improve safety between motorists, pedestrians and cyclists.

Justification Data:

Asset Category:	PARKS
Asset Type:	Trails
Project Type:	Rehab
Justification Category:	Age/Condition
Facility Age (Life):	20-40 years

Map/Photo:

Project Costs

Phase	Pre 2024 Actual	2024 Projected	2025 Budget	2026 Budget	2027 Budget	2028-2029 Budget	Total
Preliminary	$ 110,182		$ -	$ -	$ -	$ -	$ 110,182
Design	$ 116,707	$ 360,937	$ 157,500	$ 87,500	$ -	$ -	$ 722,643
NS Trail Construction	$ -	$ 3,201,203	$ -	$ -	$ -	$ -	$ 3,201,203
WS Trail Construction	$ -	$ -	$ 4,596,550	$ 3,735,069	$ -	$ 7,823,915	$ 16,155,534
Total Project Costs	**$ 226,889**	**$ 3,562,140**	**$ 4,754,050**	**$ 3,822,569**	**$ -**	**$ 7,823,915**	**$ 20,189,563**
Funding Source(s):							
Placer County TOT Secured	$ -	$ 1,662,375	$ 2,844,670	$ 770,775	$ -	$ -	$ 5,277,820
OS Funding Not Secured	$ -	$ -	$ -	$ -	$ -	$ 5,867,936	$ 5,867,936
Net Capital Expenditure	**$ 226,889**	**$ 1,899,765**	**$ 1,909,380**	**$ 3,051,794**	**$ -**	**$ 1,955,979**	**$ 9,043,807**

Project Schedule

Segment 2 - (Sunnyside to Timberland)	
Segment 3- (Timberland to Idlewild Way)	
Begin Design:	Mar-23
Bid Construction:	Mar-25
Start Construction:	May-25
Complete Construction:	Oct-25
Segment 1 - (64 Acres To Sequoia)	
Begin Design:	Mar-25
Bid Construction:	Mar-26
Start Construction:	May-26
Complete Construction:	Oct-26
Segment 4 (Idlewild Way to McKinney Drive)	2028
Segment 5 (McKinney Drive to the Sugar Pine Point State Park)	*2029*

P/N	
Project Title:	Truckee River Trail Retaining Wall
Project Manager:	Anna Klovstad
Current Phase:	DESIGN
Budget Location:	CAPITAL - P&R
Design Consultant:	Auerbach Engineering
Const. Contractor:	TBD

Project Description:

Project to include evaluation of existing retaining wall structure, multi-use trail width, maintenance needs, and reconstruction of the wall.

Justification or Significance of Improvement:

To prevent further deterioration or collapse of wall.

Justification Data:

Asset Category:	PARKS
Asset Type:	Trails
Project Type:	Rehab
Justification Category:	Safety/Security
Facility Age (Life):	40+ Years

Map/Photo:

Project Costs

Phase	Pre 2022 Actual	2023 Actual	2024 Projected	2025 Budget	2026 Budget	Total
Preliminary	$ 2,646	$ -	$ 15,000	$ -	$ -	$ 17,646
Design	$ -	$ -	$ -	$ 86,490	$ -	$ 86,490
Construction	$ -	$ -	$ -	$ -	$ 591,012	$ 591,012
Total Project Costs	**$ 2,646**	**$ -**	**$ 15,000**	**$ 86,490**	**$ 591,012**	**$ 695,148**
Funding Source(s):						
	$ -	$ -	$ -	$ -	$ -	$ -
Net Capital Expenditure	**$ 2,646**	**$ -**	**$ 15,000**	**$ 86,490**	**$ 591,012**	**$ 695,148**

Project Schedule

Begin Design:	Jan-25
Bid Construction:	Jan-26
Start Construction:	May-26
Complete Construction:	Oct-26

	P/N
Project Title:	Bells Landing Retaining Wall Repair
Project Manager:	Anna Klovstad
Current Phase:	DESIGN
Budget Location:	CAPITAL - P&R
Design Consultant:	Auerbach Engineering
Const. Contractor:	TBD

Project Description:

Project to include assessing erosion at base of the blue retaining wall, and either design and reconstruction or rehabilitation of the wall.

Justification or Significance of Improvement:

To prevent further erosion or collapse of wall.

Justification Data:

Asset Category:	PARKS
Asset Type:	Trails
Project Type:	Rehab
Justification Category:	Safety/Security
Facility Age (Life):	40+ Years

Map/Photo:

Project Costs

Phase	Pre 2023 Actual	2024 Projected	2025 Budget	2026 Budget	2027 Budget	Total
Preliminary	$ -	$ -	$ 17,000	$ -	$ -	$ 17,000
Design	$ -	$ -	$ -	$ 64,000	$ -	$ 64,000
Construction	$ -	$ -	$ -	$ -	$ 351,000	$ 351,000
Total Project Costs	**$ -**	**$ -**	**$ 17,000**	**$ 64,000**	**$ 351,000**	**$ 432,000**
Funding Source(s):						
Net Capital Expenditure	**$ -**	**$ -**	**$ 17,000**	**$ 64,000**	**$ 351,000**	**$ 432,000**

Project Schedule

Begin Design:	Jun-25
Bid Construction:	Jan-27
Start Construction:	Jun-27
Complete Construction:	Oct-27

	P/N
Project Title:	TCGC Operational Improvement Projects
Project Manager:	Kay Berntson
Current Phase:	CONSTRUCTION
Budget Location:	CAPITAL - P&R
Design Consultant:	N/A
Const. Contractor:	TBD

Project Description:

Annual Operational Improvement Projects:

- Golf Cart Paths
- Bunker drainage and sand
- Smaller drainage improvement areas
- Segments of Irrigation Transmission Line

Justification or Significance of Improvement:

Aging and failing infrastructure requires annual repairs, rehabilitation, and replacement to maintain player safety and good course conditions.

Map/Photo:





Justification Data:

Asset Category:	PARKS
Asset Type:	Parks
Project Type:	Replace
Justification Category:	Age/Condition
Facility Age (Life):	20 yrs

Project Costs

Phase	2024 Budget	2025 Budget	2026 Budget	2027 Budget	2028 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 200,000
Total Project Costs	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 200,000**
Funding Source(s):						
	$ -	$ -	$ -	$ -	$ -	$ -
Net Capital Expenditure	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 200,000**

Project Schedule

Begin Design:	N/A
Bid Construction:	N/A
Start Construction:	2017
Complete Construction:	Ongoing

	P/N
Project Title:	Queenie Dunn Practice Facility - Privacy Fencing
Project Manager:	Kay Berntson
Current Phase:	CONSTRUCTION
Budget Location:	CAPITAL - P&R
Design Consultant:	N/A
Const. Contractor:	TBD

Map/Photo:

Project Description:

Install Privacy Fencing on both sides of the Golf Course M&O Facility.

Justification or Significance of Improvement:

The fencing will provide privacy for the users of the Queenie Dunn Facility and provide a fenced storage area for the golf course maintenance equipment.

Justification Data:

Asset Category:	PARKS
Asset Type:	Parks
Project Type:	Upgrade
Justification Category:	Best Practice
Facility Age (Life):	N/A

Project Costs

Phase	2024 Budget	2025 Budget	2026 Budget	2027 Budget	2028 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 25,000	$ -	$ -	$ -	$ -	$ 25,000
Total Project Costs	**$ 25,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 25,000**
Funding Source(s):						
	$ -	$ -	$ -	$ -	$ -	$ -
Net Capital Expenditure	**$ 25,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 25,000**

Project Schedule

Begin Design:	N/A
Bid Construction:	May-25
Start Construction:	May-25
Complete Construction:	

	P/N
Project Title:	TCGC/WSP 3rd Hole Improvements
Project Manager:	Matt Homolka
Current Phase:	PLANNING
Budget Location:	CAPITAL - P&R
Design Consultant:	TBD
Const. Contractor:	TBD

Project Description:

Construct the multi-purpose trail along the 3rd hole connecting the TC Lodge and the Expanded Grove Street lots as called for in Placer County's TC Mobility Plan. Reconstruct and heighten the safety netting along the commercial properties. Reconstruct and relocate the existing perimeter drainage system along 3rd hole. Project would be phased depending on outside funding availability.

Justification or Significance of Improvement:

The trail is proposed as part of the TC Mobility Plan and would be eligible for TOT or other funding. It would further satisfy TCPUD's partnership responsibilities from TCGC Purchase. The safety netting in this area is out of date and a significant safety concern to the neighboring commercial properties. The perimeter golf course drainage system no longer functions and is the location of flooding during winter rain on snow events.

Justification Data:

Asset Category:	PARKS
Asset Type:	Parks
Project Type:	Upgrade
Justification Category:	Multiple
Facility Age (Life):	20+ yrs

Map/Photo:

Project Costs

Phase	Pre 2024 Actual	2024 Projected	2025 Budget	2026 Budget	2027 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ -	$ -	$ 69,266	$ 118,422	$ -	$ 187,688
Construction	$ -	$ -	$ 247,188	$ 762,750	$ -	$ 1,009,938
Total Project Costs	**$ -**	**$ -**	**$ 316,453**	**$ 881,172**	**$ -**	**$ 1,197,625**
Funding Source(s):						
	$ -	$ -	$ -	$ 762,750	$ -	$ 762,750
Net Capital Expenditure	**$ -**	**$ -**	**$ 316,453**	**$ 118,422**	**$ -**	**$ 434,875**

Project Schedule

Begin Design:	Jan-24
Bid Construction:	May-24
Start Construction:	Oct-24
Complete Construction:	Nov-26

8684	P/N

Project Title:	TCGC/WSP 2nd Hole Improvements
Project Manager:	Matt Homolka
Current Phase:	PLANNING
Budget Location:	CAPITAL - P&R
Design Consultant:	TBD
Const. Contractor:	TBD

Project Description:

In conjunction with Placer County's Grove Street Parking Lot, the TCPUD would make additional safety and playability improvements to Hole No. 2. Replace and heighten the safety netting at Conners Field. Add safety netting at the 3rd tee box. Extend 3rd hole drainage system to collect low point on 2nd hole. Reconstruct and reorient the 2nd hole tee box and replace and modernize the irrigation system.

Justification or Significance of Improvement:

Placer County will be responsible for constructing a new 2nd green and safety netting behind the 2nd green. TCPUD can take advantage of this work to complete a number of critical safety and playability improvements and operational efficiencies on the rest of the 2nd hole. Critical improvements are safety netting improvements and line of play improvement (reorienting the 2nd tee).

Justification Data:

Asset Category:	PARKS
Asset Type:	Parks
Project Type:	Rehab
Justification Category:	Age/Condition
Facility Age (Life):	20+ yrs

Map/Photo:

Project Costs

Phase	Pre 2024 Actual	2024 Projected	2025 Budget	2026 Budget	2027 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ -	$ -	$ 66,938	$ -	$ -	$ 66,938
Construction	$ -	$ -	$ -	$ 444,938	$ -	$ 444,938
Total Project Costs	**$ -**	**$ -**	**$ 66,938**	**$ 444,938**	**$ -**	**$ 511,875**
Funding Source(s):						
	$ -	$ -	$ -	$ -	$ -	$ -
Net Capital Expenditure	**$ -**	**$ -**	**$ 66,938**	**$ 444,938**	**$ -**	**$ 511,875**

Project Schedule

Begin Design:	Jan-24
Bid Construction:	TBD
Start Construction:	TBD
Complete Construction:	TBD

8684	P/N

Project Title:	TCGC/WSP Drainage Repair/Rehab
Project Manager:	Matt Homolka
Current Phase:	CONSTRUCTION
Budget Location:	CAPITAL - P&R
Design Consultant:	TCPUD Staff
Const. Contractor:	Multiple

Map/Photo:

Project Description:

Staff have drafted a work plan to address failing main line perimeter and internal drainage systems at the TCGC/WSP to be completed over a period of years. Since 2017, approximately 2,000 feet of ditch and 1,500 feet of pipe have been rehabilitated or replaced along with associated inlets and outlets. For 2025 this program is planned to continue.

Justification or Significance of Improvement:

During the past winters, it has become apparent that a number of the perimeter and internal drainage systems at the TCGC/WSP were no longer functioning properly. The proposed work plan will address these issues over the next years.

Justification Data:

Asset Category:	PARKS
Asset Type:	Facility
Project Type:	Rehab
Justification Category:	Age/Condition
Facility Age (Life):	20+ yrs

Project Costs

Phase	Pre 2024 Actual	2024 Projected	2025 Budget	2026 Budget	2027 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ 10,863	$ -	$ -	$ -	$ -	$ 10,863
Construction	$ 212,221	$ 53,868	$ 215,000	$ 55,000	$ 55,000	$ 591,089
Total Project Costs	**$ 223,084**	**$ 53,868**	**$ 215,000**	**$ 55,000**	**$ 55,000**	**$ 601,952**
Funding Source(s):						
	$ -	$ -	$ -	$ -	$ -	$ -
Net Capital Expenditure	**$ 223,084**	**$ 53,868**	**$ 215,000**	**$ 55,000**	**$ 55,000**	**$ 601,952**

Project Schedule

Begin Design:	N/A
Bid Construction:	TBD
Start Construction:	Oct-17
Complete Construction:	Ongoing

	P/N
Project Title:	TCGC Irrigation Replacement
Project Manager:	Anna Klovstad
Current Phase:	CONSTRUCTION
Budget Location:	CAPITAL - P&R
Design Consultant:	EC DESIGNS
Const. Contractor:	

Project Description:

Complete renovation/replacement of the existing irrigation system.

Map/Photo:

Justification or Significance of Improvement:

Tahoe City Golf Course's last irrigation renovation was in 1976. Average life span of an irrigation system in a mountain environment is 30 years. The current system's irrigation efficiency is extremely poor. Staff spend a large amount of time dealing with repairs and compensating for the irrigation system's inefficiencies.
A new system will increase the irrigation efficiency, save water, reduce repairs, and enhance turf playing/coverage conditions.

Justification Data:

Asset Category:	PARKS
Asset Type:	Parks
Project Type:	Replace
Justification Category:	Age/Condition
Facility Age (Life):	40 Yrs

Project Costs

Phase	2023 Actual	2024 Projected	2025 Budget	2026 Budget	2027 Budget	Total
Preliminary	$ 26,484	$ -	$ -	$ -	$ -	$ 26,484
Design	$ -	$ 61,057	$ -	$ -	$ -	$ 61,057
Construction	$ -		$ 1,890,708	$ -	$ -	$ 1,890,708
Total Project Costs	**$ 26,484**	**$ 61,057**	**$ 1,890,708**	**$ -**	**$ -**	$ 1,978,249
Funding Source(s):						
Funding Not Secured	$ -	$ -	$ -	$ -	$ -	$ -
Net Capital Expenditure	**$ 26,484**	**$ 13,000**	**$ 1,890,708**	**$ -**	**$ -**	**$ 1,978,249**

Project Schedule

Begin Design:	Jan-23
Bid Construction:	Jan-25
Start Construction:	May-25
Complete Construction:	Oct-25

	P/N
Project Title:	Kilner Park Improvement Plan
Project Manager:	Indra Winquest
Current Phase:	SPECIAL STUDY
Budget Location:	CAPITAL - P&R
Design Consultant:	TBD
Const. Contractor:	TBD

Project Description:

To strategically address the needs of Kilner Park, staff recommend engaging with a consultant to conduct a high-level planning process. This process would complete a land capability verification and identify opportunities and constraints, desired improvements and amenities that can enhance the overall user experience at Kilner Park. Once the scope of improvements is determined, staff would then estimate the total cost for design, permitting, and construction of desired improvements and a project implementation schedule.

Justification or Significance of Improvement:

Kilner Park has been under the District's ownership and operation since 1974. In 2019, a rehabilitation project was undertaken that included the conversion of four permanent pickleball courts on one of the two existing tennis courts. Other amenities in the park, parking lot, bathrooms, and playground, were constructed over 25 years ago, and have either reached the end of their useful life or may not conform with ADA standards. An improvement plan will assist the District in strategically addressing park needs.

Justification Data:

Asset Category:	PARKS
Asset Type:	Parks
Project Type:	Upgrade
Justification Category:	Age/Condition
Facility Age (Life):	30 Years

Map/Photo:

Project Costs

Phase	2025 Budget	2026 Budget	2027 Budget	2028 Budget	2029 Budget	Total
Preliminary	$ 35,000		$ -	$ -	$ -	$ 35,000
Design	$ -	$ 250,000	$ -	$ -	$ -	$ 250,000
Construction	$ -	$ 750,000	$ 1,000,000	$ 1,000,000		$ 2,750,000
Total Project Costs	**$ 35,000**	**$ 1,000,000**	**$ 1,000,000**	**$ 1,000,000**	**$ -**	**$ 3,035,000**
Funding Source(s):						
Net Capital Expenditure	**$ 35,000**	**$ 1,000,000**	**$ 1,000,000**	**$ 1,000,000**	**$ -**	**$ 3,035,000**

Project Schedule

Begin Design:	Jan-26
Bid Construction:	NA
Start Construction:	NA
Complete Construction:	Dec-28

	P/N
Project Title:	Toro Fairway Mower Replacement
Project Manager:	Kay Berntson
Current Phase:	PLANNING
Budget Location:	CAPITAL - P&R
Design Consultant:	TBD
Const. Contractor:	TBD

Project Description:

Purchase of One Toro 5410 Fairway Mower for the TCGC.

Justification or Significance of Improvement:

The new Toro 5410 Fairway Mower will be replacing a 2007 Toro 5410 that has come to the end of its useful mechanical life.

Justification Data:

Asset Category:	PARKS
Asset Type:	Equipment
Project Type:	Replace
Justification Category:	Age/Condition
Facility Age (Life):	New

Map/Photo:

Project Costs

Phase	2024 Budget	2025 Budget	2026 Budget	2027 Budget	2028 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ -	$ -	$ -	$ -	$ -	$ -
Purchase	$ 92,000	$ -	$ -	$ -	$ -	$ 92,000
Total Project Costs	**$ 92,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 92,000**
Funding Source(s):						
Net Capital Expenditure	**$ 92,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 92,000**

Project Schedule

Begin Design:	N/A
Bid Construction:	Jan-24
Start Construction:	N/A
Complete Construction:	N/A

	P/N
Project Title:	Toro 3500 Utility Mower
Project Manager:	Kay Berntson
Current Phase:	PLANNING
Budget Location:	CAPITAL - P&R
Design Consultant:	TBD
Const. Contractor:	TBD

Project Description:

Purchase of one Toro 3500 Utility Mower

Justification or Significance of Improvement:

The new Toro 3500 utility mower will replace existing golf course and parks mowers that no longer meet current California Air Resources Board requirements for small diesel engines.

Justification Data:

Asset Category:	PARKS
Asset Type:	Parks
Project Type:	Replace
Justification Category:	Age/Condition
Facility Age (Life):	New

Map/Photo:

Project Costs

Phase	2025 Budget	2026 Budget	2027 Budget	2028 Budget	2029 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ -	$ -	$ -	$ -	$ -	$ -
Purchase	$ 52,000		$ -	$ -	$ -	$ 52,000
Total Project Costs	**$ 52,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 52,000**
Funding Source(s):						
Net Capital Expenditure	**$ 52,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 52,000**

Project Schedule

Begin Design:	N/A
Bid Construction:	Jan-25
Start Construction:	N/A
Complete Construction:	N/A

	P/N
Project Title:	Bandit Wood Chipper
Project Manager:	Kay Berntson
Current Phase:	PLANNING
Budget Location:	CAPITAL - P&R
Design Consultant:	TBD
Const. Contractor:	TBD

Project Description:

Purchase of one new Bandit 200XP wood chipper.

Justification or Significance of Improvement:

Staff have been renting a wood chipper multiple times each year and have recognized the substantial value and long-term benefits of the District owning this essential piece of equipment.

Justification Data:

Asset Category:	PARKS
Asset Type:	Equipment
Project Type:	Upgrade
Justification Category:	Age/Condition
Facility Age (Life):	New

Map/Photo:

Project Costs

Phase	2025 Budget	2026 Budget	2027 Budget	2028 Budget	2029 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ -	$ -	$ -	$ -	$ -	$ -
Purchase	$ 62,000			$ -	$ -	$ 62,000
Total Project Costs	**$ 62,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 62,000**
Funding Source(s):						
		$ -	$ -	$ -	$ -	$ -
Net Capital Expenditure	**$ 62,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Project Schedule

Begin Design:	N/A
Bid Construction:	Jan-25
Start Construction:	
Complete Construction:	

	P/N
Project Title:	30' Storage Container
Project Manager:	Kay Berntson
Current Phase:	PLANNING
Budget Location:	CAPITAL - P&R
Design Consultant:	TBD
Const. Contractor:	TBD

Project Description:

Purchase of one New 30' High Cube Storage Container

Justification or Significance of Improvement:

The new storage container will replace an existing storage area that has come to the end of its useful service life.

Justification Data:

Asset Category:	PARKS
Asset Type:	Parks
Project Type:	Upgrade
Justification Category:	Age/Condition
Facility Age (Life):	New

Map/Photo:

Project Costs

Phase	2025 Budget	2026 Budget	2027 Budget	2028 Budget	2029 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ -	$ -	$ -	$ -	$ -	$ -
Purchase	$ 7,200		$ -	$ -	$ -	$ 7,200
Total Project Costs	**$ 7,200**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 7,200**
Funding Source(s):						
Net Capital Expenditure	**$ 7,200**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 7,200**

Project Schedule

Begin Design:	N/A
Bid Construction:	Jan-25
Start Construction:	May-25
Complete Construction:	May-25

8691	P/N

Project Title:	TCCC Small Remodel Project
Project Manager:	Anna Klovstad
Current Phase:	DESIGN
Budget Location:	CAPITAL - P&R
Design Consultant:	Ward Young Architecture
Const. Contractor:	TBD

Project Description:

This project involves separating the north and south activity rooms with a wall and creating dedicated restroom access to each activity room. The kitchen will be brought back into functional use with a small staff break room and storage created.

Map/Photo:

Justification or Significance of Improvement:

This will facilitate occupancy code requirements for small group activities on the main floor while providing sound attenuation for the business offices upstairs. The project will allow the District to put this facility into service for the community.

Justification Data:

Asset Category:	PARKS
Asset Type:	Facility
Project Type:	Upgrade
Justification Category:	Age/Condition
Facility Age (Life):	30+ yrs

Project Costs

Phase	Pre 2023 Actual	2023 Actual	2024 Projected	2025 Budget	2026 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ 34,428	$ 36,516	$ 32,818	$ 31,500	$ -	$ 135,262
Construction	$ -	$ -	$ -	$ 462,080	$ -	$ 462,080
Total Project Costs	**$ 34,428**	**$ 36,516**	**$ 32,818**	**$ 493,580**	**$ -**	**$ 597,342**
Funding Source(s):						
OS Funding Not Secured	$ -	$ -	$ -	$ -	$ -	$ -
Net Capital Expenditure	**$ 34,428**	**$ 36,516**	**$ 32,818**	**$ 493,580**	**$ -**	**$ 597,342**

Project Schedule

Begin Design:	Jan-22
Bid Construction:	Jun-25
Start Construction:	Sep-25
Complete Construction:	Dec-25

	P/N
Project Title:	TCCC Office Air Conditioning
Project Manager:	Anna Klovstad
Current Phase:	CONSTRUCTION
Budget Location:	CAPITAL - P&R
Design Consultant:	Sugarpine Engineering
Const. Contractor:	Stephen's Construction

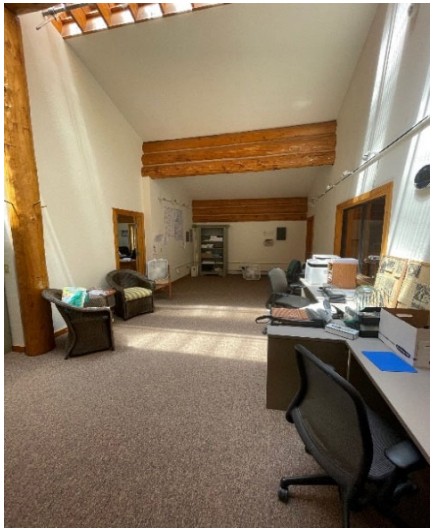
Project Description:

Parks and Recreation staff occupy the second floor of the Tahoe City Community Center. This facility does not have a central air conditioning system.

Justification or Significance of Improvement:

The purpose of this project is to improve the comfort and air quality in the second floor offices.

Map/Photo:



Justification Data:

Asset Category:	PARKS
Asset Type:	Parks
Project Type:	Upgrade
Justification Category:	Age/Condition
Facility Age (Life):	N/A

Project Costs

Phase	2024 Projected	2025 Budget	2026 Budget	2027 Budget	2028 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ 27,871	$ -	$ -	$ -	$ -	$ 27,871
Construction	$ -	$ 184,986	$ -	$ -	$ -	$ 184,986
Total Project Costs	**$ 27,871**	**$ 184,986**	**$ -**	**$ -**	**$ -**	**$ 212,857**
Funding Source(s):						
Net Capital Expenditure	**$ 27,871**	**$ 184,986**	**$ -**	**$ -**	**$ -**	**$ 212,857**

Project Schedule

Begin Design:	Jan-24
Bid Construction:	Aug-24
Start Construction:	Nov-24
Complete Construction:	Mar-25

8702	P/N

Project Title:	Lake Forest Boat Ramp Dredging Project
Project Manager:	Kay Berntson
Current Phase:	CONSTRUCTION
Budget Location:	CAPITAL - P&R
Design Consultant:	Auerbach Engineering Corp.
Const. Contractor:	TBD

Project Description:

Dredging of boat launch and surrounding dock area.

Map/Photo:

Justification or Significance of Improvement:

Environmental conditions have deposited large amounts of sand and silt into the launch and dock areas. This causes safety and launching issues during low water years. This project will bring the base lake level back to 6219' in the Lake Forest Pier area. This is a maintenance project that will be performed every 5-7 years, as needed, to maintain safe accessibility to Lake Tahoe for recreation.

Justification Data:

Asset Category:	PARKS
Asset Type:	Facility
Project Type:	Rehab
Justification Category:	Safety/Security
Facility Age (Life):	5-7 years

Project Costs

Phase	Pre 2024 Actual	2024 Projected	2025 Budget	2026 Budget	2027 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ 50,053	$ 11,000	$ 39,924	$ -	$ -	$ 100,977
Construction	$ -	$ -	$ 268,938	$ -	$ -	$ 268,938
Total Project Costs	**$ 50,053**	**$ 11,000**	**$ 308,861**	**$ -**	**$ -**	**$ 369,915**
Funding Source(s):						
	$ -	$ -	$ -	$ -	$ -	$ -
Net Capital Expenditure	**$ 50,053**	**$ 11,000**	**$ 308,861**	**$ -**	**$ -**	**$ 369,915**

Project Schedule

Begin Design:	Jun-22
Bid Construction:	TBD
Start Construction:	TBD
Complete Construction:	TBD

2025 Governance & Administrative Services Projects

Project Justification Legend

Asset Type
- Facility
- Parks
- Trails
- Equipment

Project Type
- Upgrade
- Replace
- Rehab

Justification Category
- Safety/Security
- Regulatory
- Vulnerability/Risk
- Best Practice
- Redundancy/Reliability
- Obsolesces

	P/N

Project Title:	District Server Replacement
Project Manager:	IT
Current Phase:	PROCURMENT
Budget Location:	GSS
Design Consultant:	IT
Const. Contractor:	IT

Map/Photo:

Project Description:

Replace one (1) existing Dell server (VIRTSVR), one of the District's three virtual host servers.

Justification or Significance of Improvement:

Replace one (1) existing District Dell server that has reached the end of its useful life as defined by District Electronic Device Replacement Policy. To ensure continued security, reliability and efficiency in management, the District will proactively replace. The one server identified for replacement will be replaced by a single Dell rack server that will allow for improved performance and reduce costs for administration and power consumption.

Justification Data:

Asset Category:	G&AS
Asset Type:	EQUIPMENT
Project Type:	Replace
Justification Category:	Age/Condition
Facility Age (Life):	7 Years

Equipment Costs

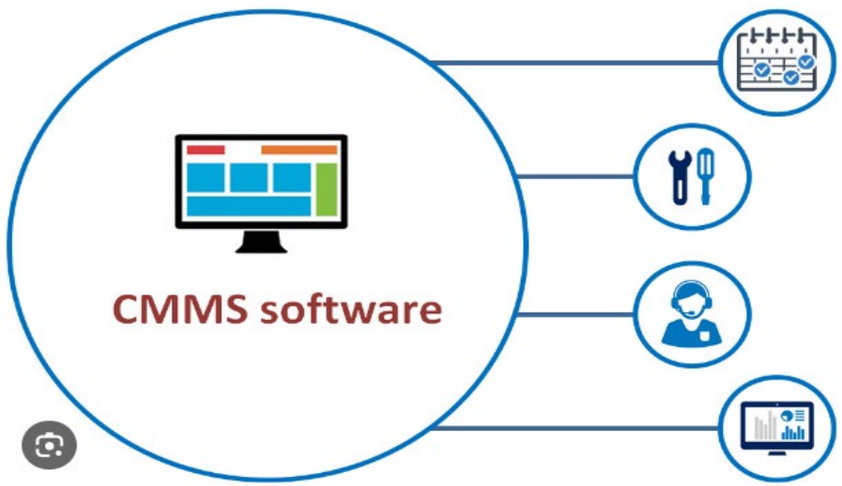
Phase	2025	2026	2027	2028	2029	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ -	$ -	$ -	$ -	$ -	$ -
Purchase	$ 12,000	$ 8,500	$ 13,000		$ 14,000	$ 47,500
Total Project Costs	**$ 12,000**	**$ 8,500**	**$ 13,000**	**$ -**	**$ 14,000**	**$ 47,500**
Funding Source(s):						
	$ -	$ -	$ -	$ -	$ -	$ -
Net Capital Expenditure	**$ 12,000**	**$ 8,500**	**$ 13,000**	**$ -**	**$ 14,000**	**$ 47,500**

Project Schedule

Begin Design:	N/A
Bid Construction:	N/A
Start Construction:	N/A
Complete Construction:	N/A

	P/N
Project Title:	Replace District Computerized Maintenance Management System (CMMS)
Project Manager:	K. Vickers
Current Phase:	PROCUREMENT
Budget Location:	G&AS
Design Consultant:	N/A
Const. Contractor:	N/A

Map/Photo:



Project Description:

Replacement of current CMMS software platform (VueWorks)

Justification or Significance of Improvement:

Replacement of current CMMS software platform (VueWorks) to increase efficiencies across multiple departments, enhance front end user experience, develop better mobile capabilities, advance backend database and IT management protocols/procedures, and improve client/vendor support.

Justification Data:

Asset Category:	G&AS
Asset Type:	OTHER
Project Type:	New
Justification Category:	Best Practice
Facility Age (Life):	15

Project Costs

Phase	2025	2026	2027	2028	2029	Total
GFOA implementation Svs	$ 70,000					$ 70,000
CMMS Provider Svs	$ 250,000					$ 250,000
Other Provider Svs	$ 50,000					$ 50,000
Total Project Costs	**$ 370,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 370,000**
Funding Source(s):						
						$ -
Net Capital Expenditure	**$ 370,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 370,000**

Project Schedule

Begin Design:	
Bid Construction:	
Start Construction:	Jan-25
Complete:	Dec-25

	P/N
Project Title:	Large Format Color Plotter/Copier/Scanner
Project Manager:	IT
Current Phase:	PROCUREMENT
Budget Location:	GSS
Design Consultant:	IT
Const. Contractor:	TBD

Project Description:

Purchase a new large format color plotter/copier/scanner.

Map/Photo:

Justification or Significance of Improvement:

The existing large format device is heavily used in the Administration building and has reached its useful life.

Justification Data:

Asset Category:	G&AS
Asset Type:	EQUIPMENT
Project Type:	Replace
Justification Category:	Age/Condition
Facility Age (Life):	7

Project Costs

Phase	2025	2026	2027	2028	2029	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 14,000	$ -	$ -	$ -	$ -	$ 14,000
Total Project Costs	**$ 14,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 14,000**
Funding Source(s):						
	$ -	$ -	$ -	$ -	$ -	$ -
Net Capital Expenditure	**$ 14,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 14,000**

Project Schedule

Begin Design:	N/A
Bid Construction:	N/A
Start Construction:	N/A
Complete Construction:	N/A

	P/N
Project Title:	Administrative Roof Replacement
Project Manager:	Anna Klovstad
Current Phase:	CONSTRUCTION/DESIGN
Budget Location:	P&R CAPITAL
Design Consultant:	Ward Young Architects
Const. Contractor:	TBD

Project Description:

Full replacement of the Admin Facility Roof.

Justification or Significance of Improvement:

The Admin facility roof is 30 years old and has reached the end of its useful life. The roof has begun to develop several areas that leak from holes in the membrane due to ice damage and the snow load, and the South facing shingles have begun to deteriorate.

Justification Data:

Asset Category:	G&AS
Asset Type:	Parks
Project Type:	Replace
Justification Category:	Age/Condition
Facility Age (Life):	40 Years

Map/Photo:

Project Costs

Phase	2024 Projected	2025 Budget	2026 Budget	2027 Budget	2028 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ 8,000	$ 38,502	$ -	$ -	$ -	$ 46,502
Construction	$ -	$ 457,942	$ -	$ -	$ -	$ 457,942
Total Project Costs	**$ 8,000**	**$ 496,444**	**$ -**	**$ -**	**$ -**	**$ 504,444**
Funding Source(s):						
Net Capital Expenditure	**$ 8,000**	**$ 496,444**	**$ -**	**$ -**	**$ -**	**$ 504,444**

Project Schedule

Begin Design:	Jan-25
Bid Construction:	May-25
Start Construction:	Jul-25
Complete Construction:	Oct-25

	P/N
Project Title:	Administrative Window Replacement
Project Manager:	Anna Klovstad
Current Phase:	CONSTRUCTION/DESIGN
Budget Location:	P&R CAPITAL
Design Consultant:	TBD
Const. Contractor:	TBD

Project Description:

Full replacement of the Admin Facility Windows

Justification or Significance of Improvement:

The Administrative facility windows are 30 years old and have reached the end of their useful life. They are less energy efficient than modern options and replacing them will lead to energy savings

Justification Data:

Asset Category:	G&AS
Asset Type:	Parks
Project Type:	Replace
Justification Category:	Age/Condition
Facility Age (Life):	40 Years

Map/Photo:

Project Costs

Phase	2024 Projected	2025 Budget	2026 Budget	2027 Budget	2028 Budget	Total
Preliminary	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ 4,000	$ 22,310	$ -	$ -	$ -	$ 26,310
Construction	$ -	$ -	$ 281,438	$ -	$ -	$ 281,438
Total Project Costs	**$ 4,000**	**$ 22,310**	**$ 281,438**	**$ -**	**$ -**	**$ 307,748**
Funding Source(s):						
Net Capital Expenditure	**$ 4,000**	**$ 22,310**	**$ 281,438**	**$ -**	**$ -**	**$ 307,748**

Project Schedule

Begin Design:	Jun-25
Bid Construction:	Feb-26
Start Construction:	May-26
Complete Construction:	Aug-26