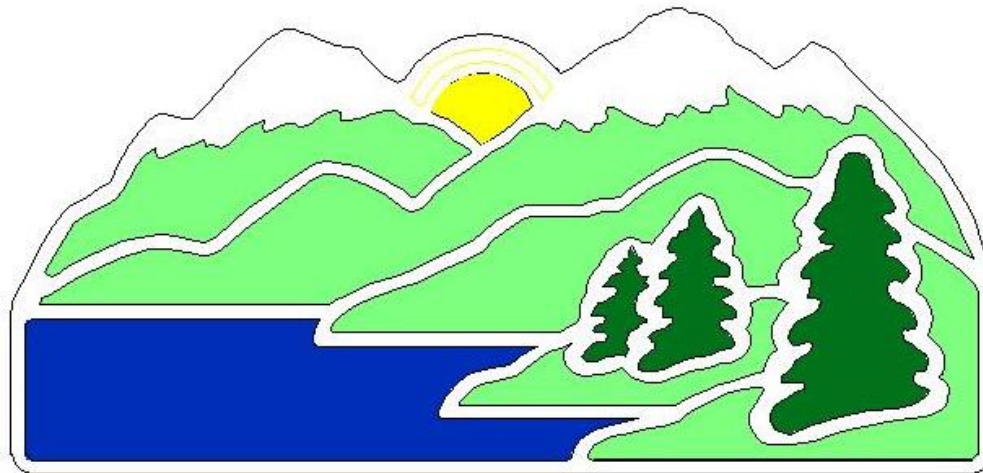


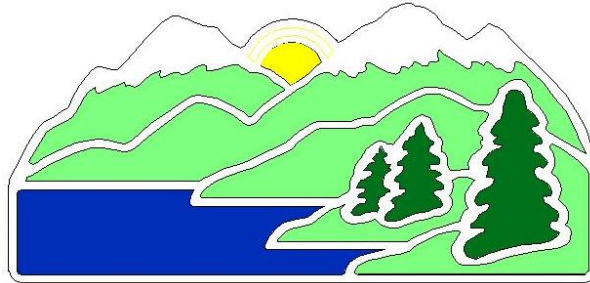
# **Tahoe City Public Utility District**



## **2021 Capital Project Information Sheets**

December 9, 2020

# 2021 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

8176	P/N										
<b>Project Title:</b>	Timberland Water Interconnection and Distribution Improvement Project										
<b>Project Manager:</b>	Charley Miller										
<b>Current Phase:</b>	CONSTRUCTION										
<b>Budget Location:</b>	CAPITAL - WATER										
<b>Design Consultant:</b>	Sauers Engineering										
<b>Const. Contractor:</b>	Ph. I - White Rock Construction / Ph. II Vinciguerra										
<b>Project Description:</b>	<p>This Project will consist of the assessment and evaluation of the existing distribution system for complete system rehabilitation to meet the District's level of service and to install meters. Phase II of the project included the design and construction of new water mains, new water services, water meters and fire hydrants for the northern roads of Cedar Ln., Rustic Ln., Shady Ln., and along the eastern side of State Hwy 89.</p>										
<b>Justification or Significance of Improvement:</b>	<p>Placer County had planned to overlay the pavement in the entire Timberland subdivision in 2018. They agreed to defer this work until 2020/21 to allow the District to complete the proposed project prior to the imposition of the usual 5-year moratorium on underground utility work. The Timberland Water System was acquired by the TCPUD in Jan. 2018 and is unmetered. The distribution system is undersized and not networked. The proposed project will address metering, fire flow, hydrant spacing, networking, valving, and water quality.</p>										
<b>Justification Data:</b>	<table border="1"> <tr> <td>Asset Category:</td> <td>WATER</td> </tr> <tr> <td>Asset Type:</td> <td>Distribution</td> </tr> <tr> <td>Project Type:</td> <td>Replace</td> </tr> <tr> <td>Justification Category:</td> <td>Age/Condition</td> </tr> <tr> <td>Facility Age (Life):</td> <td>50+</td> </tr> </table>	Asset Category:	WATER	Asset Type:	Distribution	Project Type:	Replace	Justification Category:	Age/Condition	Facility Age (Life):	50+
Asset Category:	WATER										
Asset Type:	Distribution										
Project Type:	Replace										
Justification Category:	Age/Condition										
Facility Age (Life):	50+										
<b>Map/Photo:</b>											

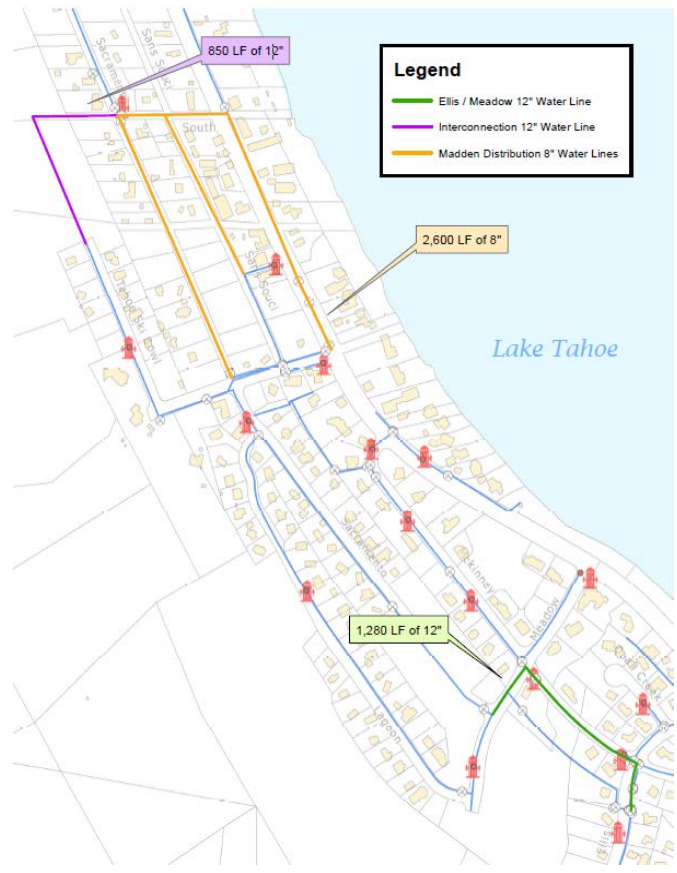
Project Costs						
Phase	Pre 2020 Actual	2020 Projected	2021 Budget	2022 Budget	2023 Budget	Total
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	\$ 215,148	\$ 84,940		\$ -	\$ -	\$ 300,087
Construction	\$ 1,954,436	\$ 1,330,638	\$ 10,000	\$ -	\$ -	\$ 3,295,074
<b>Total Project Costs</b>	<b>\$ 2,169,583</b>	<b>\$ 1,415,578</b>	<b>\$ 10,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,595,161</b>
<b>Funding Source(s):</b>						
PCWA	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ 10,000
BOR	\$ -	\$ 75,000		\$ -	\$ -	\$ 75,000
<b>Net Capital Expenditure</b>	<b>\$ 2,159,583</b>	<b>\$ 1,340,578</b>	<b>\$ 10,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,510,161</b>

Project Schedule	
<b>Begin Design:</b>	Jun-18
<b>Bid Construction Ph. I:</b>	May-19
<b>Start Construction Ph. I:</b>	Jun-19
<b>Complete Construction Ph. I:</b>	Oct-19
<b>Bid Construction Ph. II:</b>	Mar-20
<b>Start Construction Ph. II:</b>	May-20
<b>Complete Construction Ph. II:</b>	Oct-20

8171	P/N
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<b>Project Title:</b>	Madden Creek Water System Interconnection and Distribution Improvements Ph. 1 & Ph. 2.
<b>Project Manager:</b>	Will Stelter
<b>Current Phase:</b>	DESIGN
<b>Budget Location:</b>	CAPITAL - WATER
<b>Design Consultant:</b>	Auerbach Engineering Corp
<b>Const. Contractor:</b>	Ph. 1 - Vinciguerra Construction, Inc., Ph. 2 - TBD

**Map/Photo:**



**Project Description:**  
 The Phase 1 Project included construction of approximately 850 LF of new 12-inch water line and appurtenances to interconnect the Madden Creek Water System with the TCPUD McKinney-Quail water service area. Phase 1 also included the former Ellis to Lagoon Water Line Project, which replaced approximately 1,280 LF of water line with 12-inch pipe for fire protection purposes. Phase 1 was completed in 2019. The Phase 2 Project includes replacement of approximately 2,600 LF of 1-inch, 2-inch, and 4-inch water lines with 8-inch pipe. This will include servicing, fire hydrants and appurtenances, throughout the Madden Creek service area; Phase 2 construction is scheduled for 2021.

**Justification or Significance of Improvement:**  
 Prior to acquisition by the TCPUD, the Madden Creek Water System had only one groundwater source supplying the system. The constructed Phase 1 Project provided an interconnection with the TCPUD McKinney-Quail water service area for backup water supply with sufficient capacity and storage capable of enhanced fire flows. This also provided access to the future regional water supply from the WLTRWTP project. The Phase 2 Project includes work to replace undersized and aging Madden Creek water lines to improve system operation and provide fire protection.

**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 2020 Actual	2020 Projected	2021 Budget	2022 Budget	2023 Budget	Total
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	\$ 265,064	\$ 31,495	\$ 86,773	\$ -	\$ -	\$ 383,332
Construction	\$ 958,045	\$ 2,253	\$ 2,283,130	\$ -	\$ -	\$ 3,243,427
<b>Total Project Costs</b>	<b>\$ 1,223,108</b>	<b>\$ 33,748</b>	<b>\$ 2,369,903</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,626,759</b>

**Funding Source(s):**

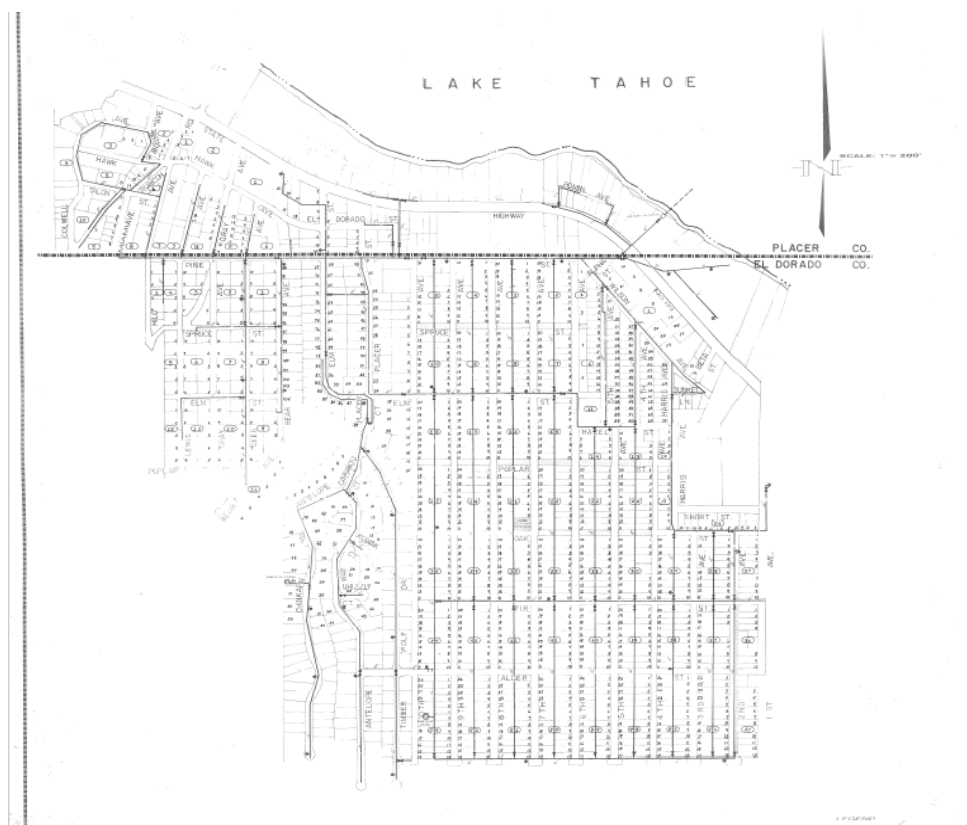
PCWA	\$ 66,150		\$ -	\$ -	\$ -	\$ 66,150
<b>Net Capital Expenditure</b>	<b>\$ 1,156,958</b>	<b>\$ 33,748</b>	<b>\$ 2,369,903</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,560,609</b>

**Project Schedule**

<b>Begin Design:</b>	Sep-17
<b>Bid Ph. 1 Construction:</b>	May-19
<b>Start Ph. 1 Construction:</b>	Aug-19
<b>Complete Ph. 1 Construction:</b>	Oct-19
<b>Bid Ph. 2 Construction:</b>	Feb-21
<b>Start Ph. 2 Construction:</b>	May-21
<b>Complete Ph. 2 Construction:</b>	Oct-21

	P/N
<b>Project Title:</b>	Tahoe Cedars Water System Distribution Improvements - Ph. 2
<b>Project Manager:</b>	Will Stelter
<b>Current Phase:</b>	PLANNING
<b>Budget Location:</b>	CAPITAL - WATER
<b>Design Consultant:</b>	TBD
<b>Const. Contractor:</b>	TBD

**Map/Photo:**



**Project Description:**  
 Located in the Tahoma subdivision along Highway 89, the project will construct approximately 4,400 LF of new water main and appurtenances to improve the fire supply and protection. The new water main will tie into existing water mains in Pine St. and Moana Cir. Additionally the existing water main located under the Marie Sluchak playground will be relocated outside of the park to within the County Right-of-Way and a new water main will be installed in Pomin Ave.

**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. This phase will address the commercial core.

**Justification Data:**

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

Project Costs						
Phase	Pre 2020 Actual	2020 Projected	2021 Budget	2022 Budget	2023 Budget	Total
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	\$ -	\$ 38,616	\$ 347,548	\$ -	\$ -	\$ 386,164
Construction	\$ -	\$ -	\$ -	\$ 2,531,525	\$ -	\$ 2,531,525
<b>Total Project Costs</b>	<b>\$ -</b>	<b>\$ 38,616</b>	<b>\$ 347,548</b>	<b>\$ 2,531,525</b>	<b>\$ -</b>	<b>\$ 2,917,689</b>
<b>Funding Source(s):</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Capital Expenditure</b>	<b>\$ -</b>	<b>\$ 38,616</b>	<b>\$ 347,548</b>	<b>\$ 2,531,525</b>	<b>\$ -</b>	<b>\$ 2,917,689</b>

**Project Schedule**

<b>Begin Design:</b>	Feb-21
<b>Bid Construction:</b>	Feb-22
<b>Start Construction:</b>	May-22
<b>Complete Construction:</b>	Oct-22

8126	P/N
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<b>Project Title:</b>	West Lake Tahoe Regional Water Treatment Plant
<b>Project Manager:</b>	Sarah Hussong Johnson
<b>Current Phase:</b>	DESIGN
<b>Budget Location:</b>	CAPITAL - WATER
<b>Design Consultant:</b>	Kennedy-Jenks
<b>Const. Contractor:</b>	TBD

**Map/Photo:**

**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.

**Justification Data:**

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



Phase	Project Costs					Total
	Pre 2020 Actual	2020 Projected	2021 Budget	2022 Budget	2023 Budget	
Preliminary	\$ 237,639	\$ -	\$ -	\$ -	\$ -	\$ 237,639
Design	\$ 2,076,487	\$ 1,541,923	\$ -	\$ -	\$ -	\$ 3,618,409
Construction	\$ -	\$ 97,687	\$ 5,255,124	\$ 7,624,157	\$ 1,430,152	\$ 14,407,120
<b>Total Project Costs</b>	<b>\$ 2,314,125</b>	<b>\$ 1,639,610</b>	<b>\$ 5,255,124</b>	<b>\$ 7,624,157</b>	<b>\$ 1,430,152</b>	<b>\$ 18,263,168</b>
<b>Funding Source(s):</b>						
Secured Outside Funding	\$ 532,500	\$ -	\$ -	\$ -	\$ -	\$ 532,500
Capital Offset for McKinney Sewer PS	\$ -		\$ 114,939	\$ -	\$ -	\$ 114,939
<b>Net Capital Expenditure</b>	<b>\$ 1,781,625</b>	<b>\$ 1,639,610</b>	<b>\$ 5,140,185</b>	<b>\$ 7,624,157</b>	<b>\$ 1,430,152</b>	<b>\$ 17,615,729</b>

**Project Schedule**

<b>Begin Design:</b>	Jan-13
<b>Bid Construction:</b>	Nov-20
<b>Start Construction:</b>	May-21
<b>Complete Construction:</b>	Nov-22

	P/N
<b>Project Title:</b>	Rubicon Wells 2 & 3 - Backup Power Project
<b>Project Manager:</b>	Charley Miller
<b>Current Phase:</b>	PLANNING
<b>Budget Location:</b>	CAPITAL - WATER
<b>Design Consultant:</b>	TBD
<b>Const. Contractor:</b>	TBD

**Map/Photo:**



**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):	TBD

**Project Costs**

Phase	2019 Budget	2020 Budget	2021 Budget	2022 Budget	2023 Budget	Total
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	\$ -	\$ 118,219	\$ -	\$ -	\$ -	\$ 118,219
Construction	\$ -	\$ -	\$ 617,962	\$ -	\$ -	\$ 617,962
<b>Total Project Costs</b>	<b>\$ -</b>	<b>\$ 118,219</b>	<b>\$ 617,962</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 736,181</b>
<b>Funding Source(s):</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Net Capital Expenditure</b>	<b>\$ -</b>	<b>\$ 118,219</b>	<b>\$ 617,962</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 736,181</b>

**Project Schedule**

<b>Begin Design:</b>	Feb-20
<b>Bid Construction:</b>	2021
<b>Start Construction:</b>	2021
<b>Complete Construction:</b>	2021

	P/N
<b>Project Title:</b>	Lower Meeks Bay PRV
<b>Project Manager:</b>	Charley Miller
<b>Current Phase:</b>	DESIGN
<b>Budget Location:</b>	CAPITAL - WATER
<b>Design Consultant:</b>	TBD
<b>Const. Contractor:</b>	TBD

**Map/Photo:**



**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. This will greatly improve fire flow at all hydrants along the length of Meeks Bay Avenue and will create a redundant connection in the event of a failure or maintenance of one PRV.

**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.

**Justification Data:**

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

**Project Costs**

Phase	Pre 2020 Actual	2020 Projected	2021 Budget	2022 Budget	Total
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -
Design	\$ -	\$ -	\$ 72,626	\$ -	\$ 72,626
Construction	\$ -	\$ -	\$ -	\$ 397,716	\$ 397,716
<b>Total Project Costs</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 72,626</b>	<b>\$ 397,716</b>	<b>\$ 470,342</b>
<b>Funding Source(s):</b>	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Capital Expenditure</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 72,626</b>	<b>\$ 397,716</b>	<b>\$ 470,342</b>

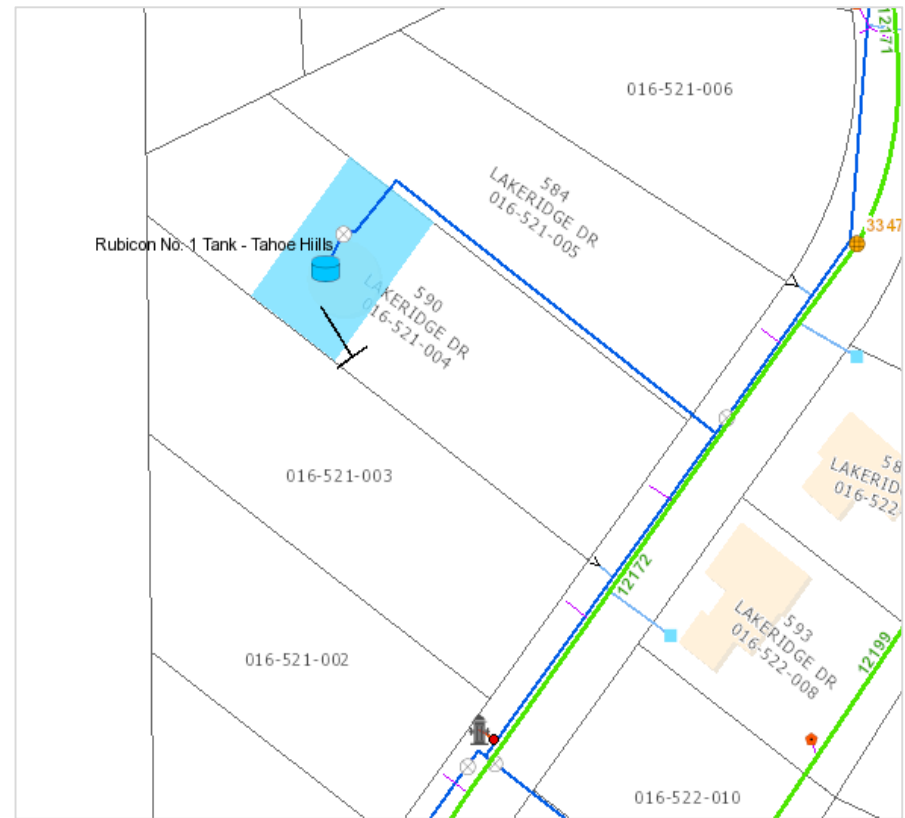
**Project Schedule**

<b>Begin Design:</b>	Jan-21
<b>Bid Construction:</b>	Jan-22
<b>Start Construction:</b>	May-22
<b>Complete Construction:</b>	Sep-22



	P/N
<b>Project Title:</b>	Rubicon Tank No. 1 Water Feed Line Replace
<b>Project Manager:</b>	Charley Miller
<b>Current Phase:</b>	DESIGN
<b>Budget Location:</b>	CAPITAL - WATER
<b>Design Consultant:</b>	N/A
<b>Const. Contractor:</b>	TBD

**Map/Photo:**



**Project Description:**  
 Replace approximately 275 feet of 6-inch water main with a 10-inch diameter water main.

**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 diameter of 6-inches 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:	Multiple
Facility Age (Life):	N/A

**Project Costs**

Phase	Pre 2020 Actual	2020 Projected	2021 Budget	2022 Budget	2023 Budget	Total
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	\$ -	\$ -	\$ 43,500	\$ -	\$ -	\$ 43,500
Construction	\$ -	\$ -	\$ -	\$ 177,000	\$ -	\$ 177,000
<b>Total Project Costs</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 43,500</b>	<b>\$ 177,000</b>	<b>\$ -</b>	<b>\$ 220,500</b>
<b>Funding Source(s):</b>						
PCWA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Capital Expenditure</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 43,500</b>	<b>\$ 177,000</b>	<b>\$ -</b>	<b>\$ 220,500</b>

**Project Schedule**

<b>Begin Design:</b>	Feb-21
<b>Bid Construction:</b>	May-21
<b>Start Construction:</b>	Jul-21
<b>Complete Construction:</b>	Sep-21

8173	P/N
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<b>Project Title:</b>	Tahoe Cedars System Upgrades
<b>Project Manager:</b>	Tony Laliotis
<b>Current Phase:</b>	CONSTRUCTION
<b>Budget Location:</b>	CAPITAL - WATER
<b>Design Consultant:</b>	N/A
<b>Const. Contractor:</b>	DISTRICT

**Map/Photo:**



**Project Description:**

Immediately needed operational projects for the water systems. Projects include:

- Purchase a spare well pump
- Water meter installations in existing metered customer locations
- Bacteriological sampling site installations
- Well flow meter installation
- Variable Frequency Drive (VFD)/Control Valve Installation
- Professional leak detection
- SCADA system integration
- Electric service to tank site

**Justification or Significance of Improvement:**

These projects are needed to improve system reliability, integrate the systems into our existing work practices, enhance water quality testing, provide key data points and create a more efficient operation.

**Justification Data:**

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

**Project Costs**

Phase	Pre 2020 Actual	2020 Projected	2021 Budget	2022 Budget	2023 Budget	Total
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 190,417	\$ 50,981	\$ 20,000	\$ 20,000	\$ -	\$ 281,398
<b>Total Project Costs</b>	<b>\$ 190,417</b>	<b>\$ 50,981</b>	<b>\$ 20,000</b>	<b>\$ 20,000</b>	<b>\$ -</b>	<b>\$ 281,398</b>
<b>Funding Source(s):</b>						
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Capital Expenditure</b>	<b>\$ 190,417</b>	<b>\$ 50,981</b>	<b>\$ 20,000</b>	<b>\$ 20,000</b>	<b>\$ -</b>	<b>\$ 281,398</b>

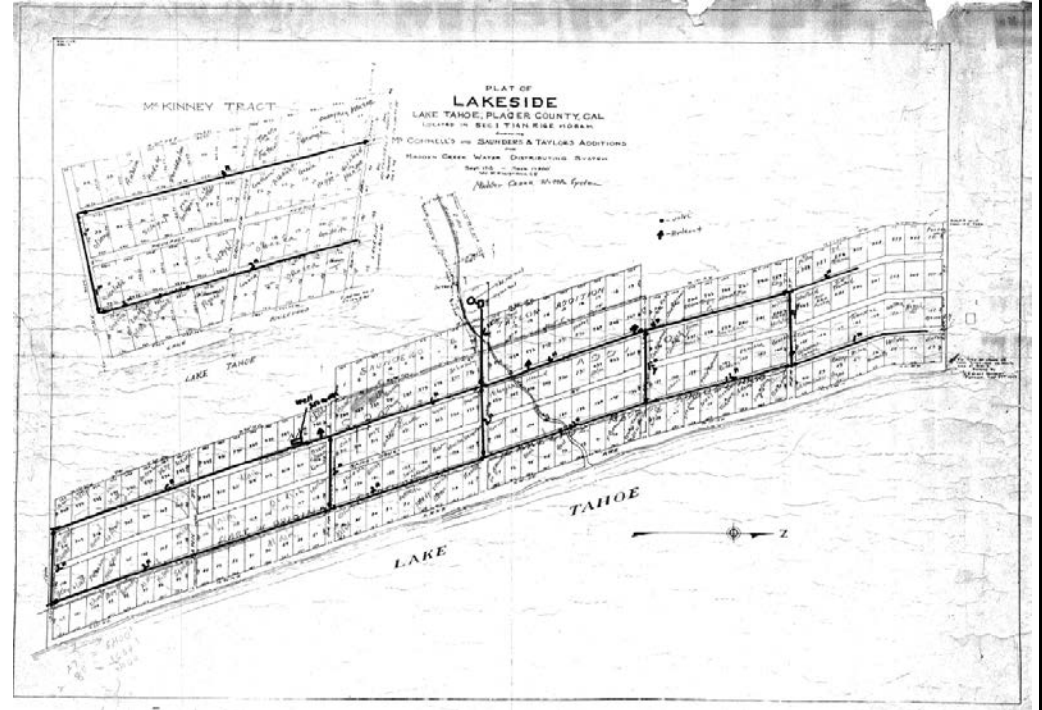
**Project Schedule**

<b>Begin Design:</b>	N/A
<b>Bid Construction:</b>	N/A
<b>Start Construction:</b>	Jan-18
<b>Complete Construction:</b>	2022

8174	P/N
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<b>Project Title:</b>	Madden Creek System Upgrades
<b>Project Manager:</b>	Tony Laliotis
<b>Current Phase:</b>	CONSTRUCTION
<b>Budget Location:</b>	CAPITAL - WATER
<b>Design Consultant:</b>	N/A
<b>Const. Contractor:</b>	DISTRICT

**Map/Photo:**



**Project Description:**

Immediately needed operational projects for the water systems acquired in 2018. Projects include:

- Purchase a spare well pump
- Water meter installations in existing metered customer locations
- Tank ladder and railing installation
- Bacteriological sampling site installations
- Well flow meter installation
- Professional leak detection
- SCADA system integration
- Electric service or robust solar system at tank site

**Justification or Significance of Improvement:**

These projects are needed to improve system reliability, integrate the system into our existing work practices, enhance water quality testing, provide key data points and create a more efficient operation.

**Justification Data:**

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

**Project Costs**

Phase	Pre 2020 Actual	2020 Projected	2021 Budget	2022 Budget	2023 Budget	Total
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 66,067	\$ 14,780	\$ 7,000	\$ 5,000	\$ -	\$ 92,847
<b>Total Project Costs</b>	<b>\$ 66,067</b>	<b>\$ 14,780</b>	<b>\$ 7,000</b>	<b>\$ 5,000</b>	<b>\$ -</b>	<b>\$ 92,847</b>
<b>Funding Source(s):</b>						
0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Capital Expenditure</b>	<b>\$ 66,067</b>	<b>\$ 14,780</b>	<b>\$ 7,000</b>	<b>\$ 5,000</b>	<b>\$ -</b>	<b>\$ 92,847</b>

**Project Schedule**

<b>Begin Design:</b>	N/A
<b>Bid Construction:</b>	N/A
<b>Start Construction:</b>	Jan-18
<b>Complete Construction:</b>	2022

8175	P/N
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<b>Project Title:</b>	Timberland System Upgrades
<b>Project Manager:</b>	Tony Laliotis
<b>Current Phase:</b>	CONSTRUCTION
<b>Budget Location:</b>	CAPITAL - WATER
<b>Design Consultant:</b>	N/A
<b>Const. Contractor:</b>	DISTRICT

**Map/Photo:**



**Project Description:**

Immediately needed operational projects for the water systems acquired in 2018. Projects include:

- Backup water supply (school well)
- VFD for well pump
- Purchase a spare well pump
- Water meter installations in existing metered customer locations
- Bacteriological sampling site installations
- Well flow meter installation

**Justification or Significance of Improvement:**

These projects are needed to improve system reliability, integrate the system into our existing work practices, enhance water quality testing, provide key data points and create a more efficient operation.

**Justification Data:**

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

Project Costs						
Phase	Pre 2020 Actual	2020 Projected	2021 Budget	2022 Budget	2023 Budget	Total
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 121,498	\$ 24,674	\$ 8,000	\$ 8,000	\$ -	\$ 162,172
<b>Total Project Costs</b>	<b>\$ 121,498</b>	<b>\$ 24,674</b>	<b>\$ 8,000</b>	<b>\$ 8,000</b>	<b>\$ -</b>	<b>\$ 162,172</b>
<b>Funding Source(s):</b>						
PCWA	\$ -		\$ -	\$ -	\$ -	\$ -
<b>Net Capital Expenditure</b>	<b>\$ 121,498</b>	<b>\$ 24,674</b>	<b>\$ 8,000</b>	<b>\$ 8,000</b>	<b>\$ -</b>	<b>\$ 162,172</b>

**Project Schedule**

<b>Begin Design:</b>	N/A
<b>Bid Construction:</b>	N/A
<b>Start Construction:</b>	Jan-18
<b>Complete Construction:</b>	2022

	P/N
<b>Project Title:</b>	Replace Telemetry RTUs (Water and Sewer Dept.s)
<b>Project Manager:</b>	Tony Laliotis
<b>Current Phase:</b>	DESIGN
<b>Budget Location:</b>	CAPITAL - WATER (60%)/SEWER (40%)
<b>Design Consultant:</b>	TBD
<b>Const. Contractor:</b>	TBD

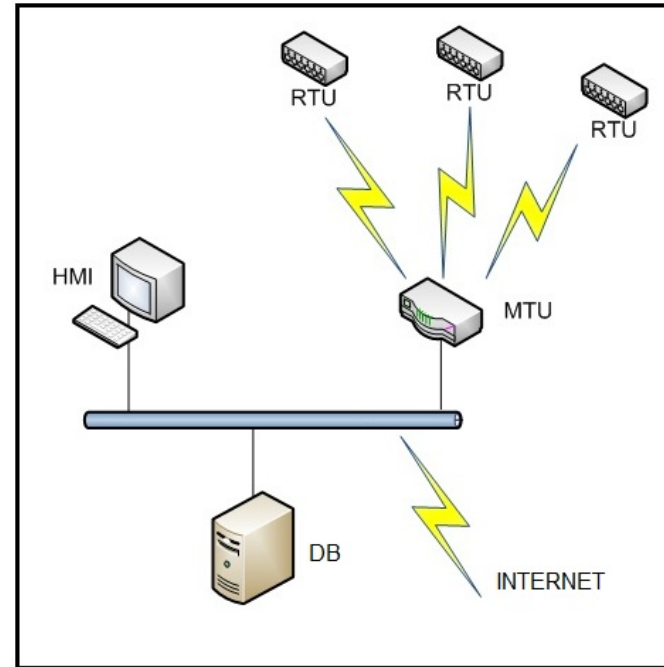
**Project Description:**  
 Replacement of all existing Remote Terminal Units (RTU) within all District water and sewer facilities (stations). RTUs communicate between the stations and the Supervisory Control and Data Acquisition (SCADA) system at the office allowing for remote monitoring, recording, and control of all District water and sewer facilities.

**Justification or Significance of Improvement:**  
 The current RTUs have reached the end of their service life and replacement parts are no longer readily available. Newer models provide expanded capabilities and allow for remote programming.

**Justification Data:**

Asset Category:	WATER
Asset Type:	Transmission
Project Type:	Replace
Justification Category:	Age/Condition
Age:	15+ Years

**Map/Photo:**



**Project Costs**

Phase	Pre 2020 Actual	2020 Projected	2021 Budget	2022 Budget	2023 Budget	Total
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ 74,494	\$ 75,000	\$ 75,000	\$ -	\$ 224,494
<b>Total Project Costs</b>	<b>\$ -</b>	<b>\$ 74,494</b>	<b>\$ 75,000</b>	<b>\$ 75,000</b>	<b>\$ -</b>	<b>\$ 224,494</b>
<b>Funding Source(s):</b>						
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Capital Expenditure</b>	<b>\$ -</b>	<b>\$ 74,494</b>	<b>\$ 75,000</b>	<b>\$ 75,000</b>	<b>\$ -</b>	<b>\$ 224,494</b>

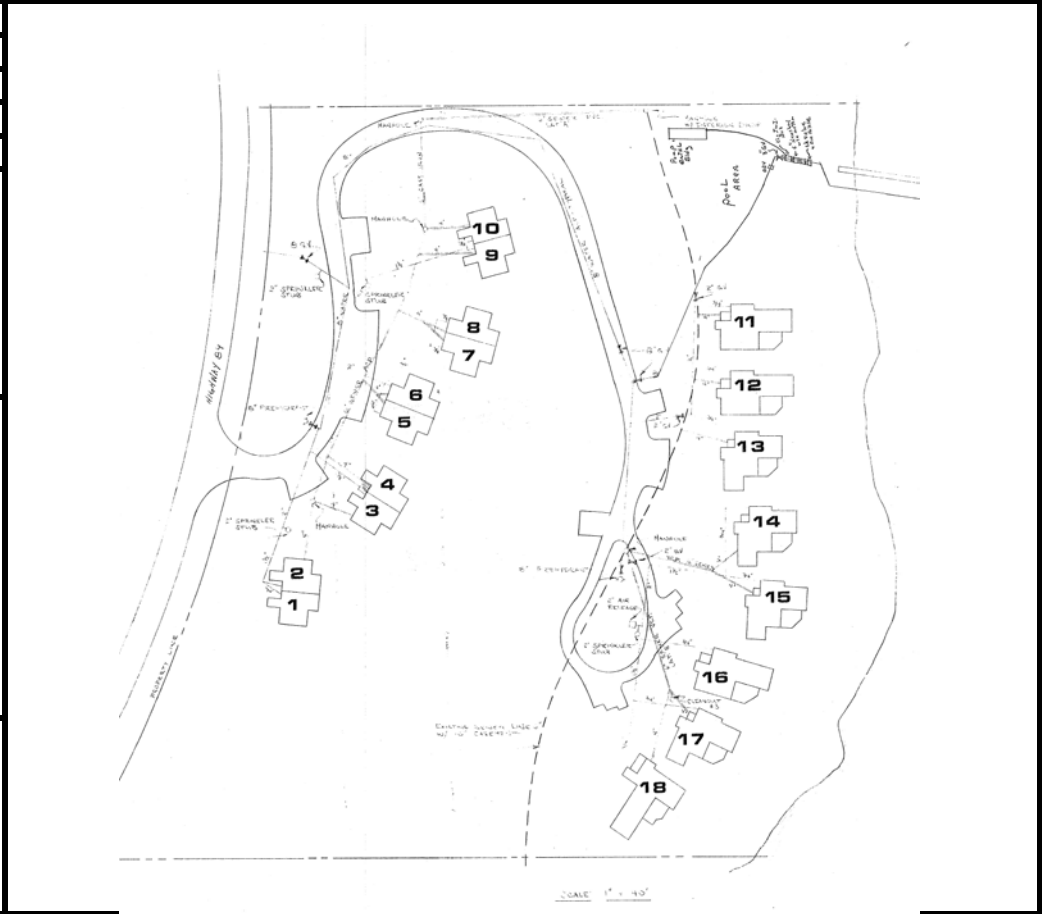
**Project Schedule**

<b>Begin Design:</b>	N/A
<b>Bid Construction:</b>	N/A
<b>Start Construction:</b>	Aug-20
<b>Complete Construction:</b>	Nov-22

8167	P/N
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<b>Project Title:</b>	Cedar Point Condo Water Service Line Replacements
<b>Project Manager:</b>	Tony Laliotis
<b>Current Phase:</b>	CONSTRUCTION
<b>Budget Location:</b>	CAPITAL - WATER
<b>Design Consultant:</b>	NA
<b>Const. Contractor:</b>	District

**Map/Photo:**



**Project Description:**  
 This project will replace or slip line all galvanized steel laterals in the complex between 2" and 1" in size. Based on ownership, install block meters as appropriate.

**Justification or Significance of Improvement:**  
 Cedar Point steel laterals have experienced major failures over the years causing significant water loss. In the process of replacing or slip lining these lines the District will take the opportunity to install block meters. The District never took ownership of 3/4" laterals and water services to individual units when this complex was developed. Therefore, a transition to block meters will now be commensurate with ownership within the complex.

**Justification Data:**

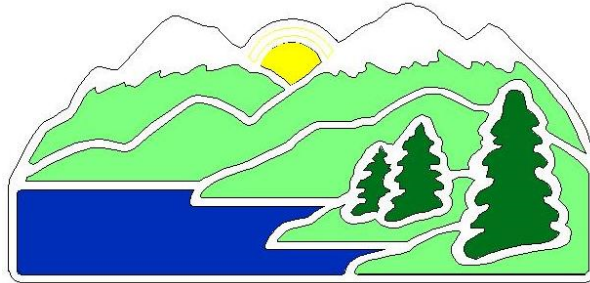
Asset Category:	WATER
Asset Type:	Distribution
Project Type:	Replace
Justification Category:	Age/Condition
Facility Age (Life):	39

Project Costs						
Phase	Pre 2020 Actual	2020 Projected	2021 Budget	2022 Budget	2023 Budget	Total
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	\$ 310	\$ -	\$ -	\$ -	\$ -	\$ 310
Construction	\$ -	\$ 7,000	\$ 40,500	\$ -	\$ -	\$ 47,500
<b>Total Project Costs</b>	<b>\$ 310</b>	<b>\$ 7,000</b>	<b>\$ 40,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 47,810</b>
<b>Funding Source(s):</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Capital Expenditure</b>	<b>\$ 310</b>	<b>\$ 7,000</b>	<b>\$ 40,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 47,810</b>

**Project Schedule**

<b>Begin Design:</b>	NA
<b>Bid Construction:</b>	NA
<b>Start Construction:</b>	May-20
<b>Complete Construction:</b>	Nov-20

# 2021 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
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<b>Project Title:</b>	Line Replacement/Sliplining, Manhole Rehab & Lateral Repairs
<b>Project Manager:</b>	Tony Laliotis
<b>Current Phase:</b>	CONSTRUCTION
<b>Budget Location:</b>	CAPITAL - SEWER
<b>Design Consultant:</b>	District
<b>Const. Contractor:</b>	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 televised 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 2020 Actual	2020 Projected	2021 Budget	2022 Budget	2023-2025 Budget	Total
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 306,714	\$ 42,680	\$ 50,000	\$ 50,000	\$ 150,000	\$ 599,394
<b>Total Project Costs</b>	<b>\$ 306,714</b>	<b>\$ 42,680</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ 150,000</b>	<b>\$ 599,394</b>
<b>Funding Source(s):</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Capital Expenditure</b>	<b>\$ 306,714</b>	<b>\$ 42,680</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ 150,000</b>	<b>\$ 599,394</b>

**Project Schedule**

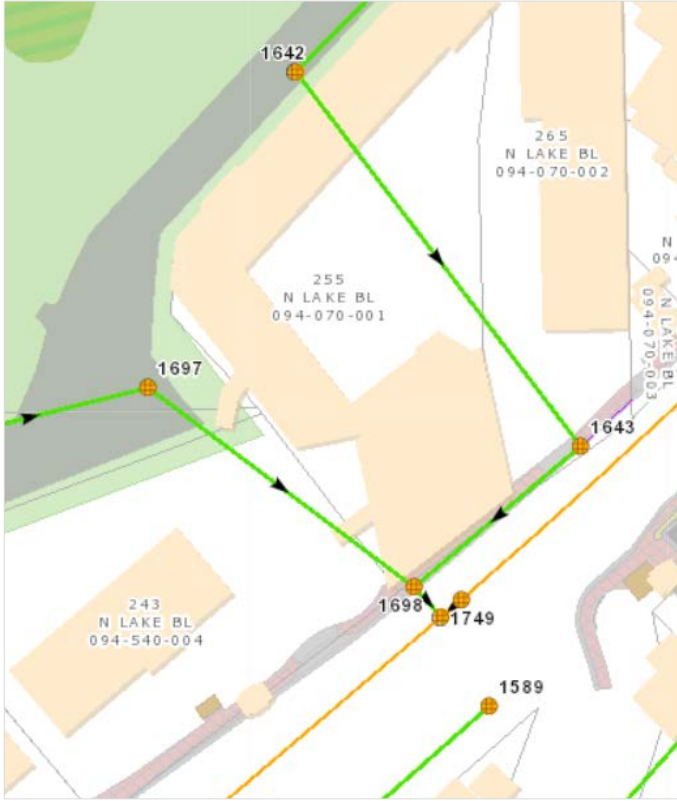
<b>Begin Design:</b>	NA
<b>Bid Construction:</b>	NA
<b>Start Construction:</b>	Ongoing
<b>Complete Construction:</b>	NA



8315	P/N
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<b>Project Title:</b>	Tahoe City Sewer System Rehabilitation Ph.3
<b>Project Manager:</b>	Charley Miller
<b>Current Phase:</b>	DESIGN
<b>Budget Location:</b>	CAPITAL - SEWER
<b>Design Consultant:</b>	Auerbach Engineering Corp.
<b>Const. Contractor:</b>	TBD

**Map/Photo:**



**Project Description:**  
 Phase 3 of the project will: 1) realign (MH1642 to MH1697) and replace the existing sewer running through 255 North Lake Blvd (MH1642 to MH1643) and 2) replace or rehabilitate the existing sewer main from MH1697 to MH1749 that runs primarily through 243 North Lake Blvd.

**Justification or Significance of Improvement:**  
 The existing sewer collection system located in this area is over 60 years old and has reached the end of its service life. The existing pipeline is a significant source of groundwater infiltration and heavily affected by root intrusion. The line from MH1642 to MH1643 crosses and conflicts with a proposed development project and staff has determined that the configuration proposed is superior to the existing.

**Justification Data:**

Asset Category:	SEWER
Asset Type:	Collection
Project Type:	Replace
Justification Category:	Age/Condition
Facility Age (Life):	66(40)

**Project Costs**

Phase	Pre 2020 Actual	2020 Projected	2021 Budget	2022 Budget	2023 Budget	Total
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	\$ 30,121	\$ 12,850	\$ 46,886	\$ -	\$ -	\$ 89,857
Construction	\$ -	\$ -	\$ 330,068	\$ -	\$ -	\$ 330,068
<b>Total Project Costs</b>	<b>\$ 30,121</b>	<b>\$ 12,850</b>	<b>\$ 376,954</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 419,926</b>
<b>Funding Source(s):</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Capital Expenditure</b>	<b>\$ 30,121</b>	<b>\$ 12,850</b>	<b>\$ 376,954</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 419,926</b>

**Project Schedule**

<b>Begin Design:</b>	Feb-18
<b>Bid Construction:</b>	TBD
<b>Start Construction:</b>	TBD
<b>Complete Construction:</b>	TBD

	P/N
<b>Project Title:</b>	SPS Storage Improvement - Lonely Gulch
<b>Project Manager:</b>	Charley Miller
<b>Current Phase:</b>	PLANNING
<b>Budget Location:</b>	CAPITAL - SEWER
<b>Design Consultant:</b>	TBD
<b>Const. Contractor:</b>	TBD

**Map/Photo:**



**Project Description:**  
 Install a 5,000 gallon precast overflow wet well, bypass ports, emergency float, and ultrasonic level programming modifications. This project will be located at the Lonely Gulch Pump Station.

**Justification or Significance of Improvement:**  
 Increasing storage capacity at the Lonely Gulch pump station dramatically reduces the chances of a sanitary sewer overflow occurring due to a pump station failure. The increased storage capacity will allow District staff additional time to correct a pump station failure prior to an overflow occurring.

**Justification Data:**

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

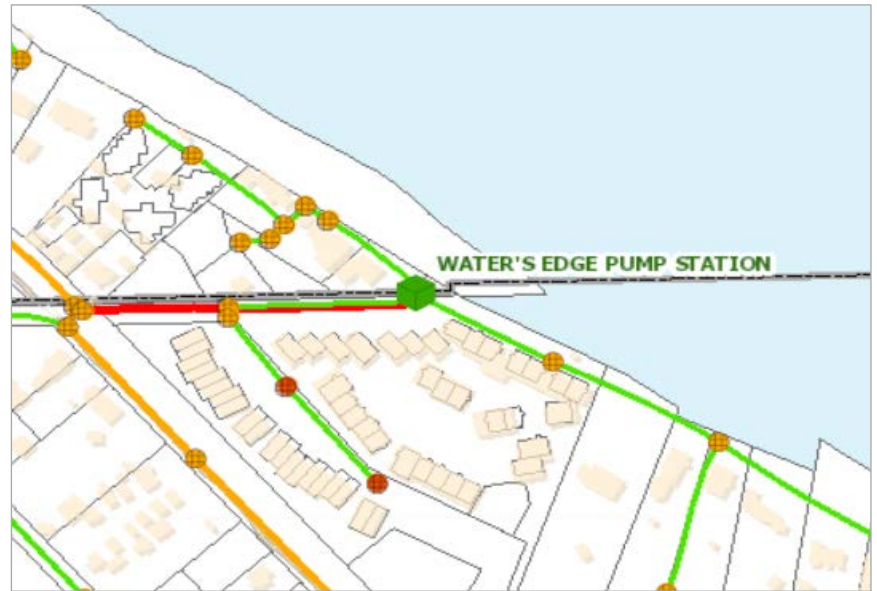
Project Costs						
Phase	Pre 2020 Actual	2020 Projected	2021 Budget	2022 Budget	2023 Budget	Total
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	\$ -	\$ -	\$ 42,008	\$ -	\$ -	\$ 42,008
Construction	\$ -	\$ -	\$ -	\$ 190,650	\$ -	\$ 190,650
<b>Total Project Costs</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 42,008</b>	<b>\$ 190,650</b>	<b>\$ -</b>	<b>\$ 232,658</b>
<b>Funding Source(s):</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Capital Expenditure</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 42,008</b>	<b>\$ 190,650</b>	<b>\$ -</b>	<b>\$ 232,658</b>

**Project Schedule**

<b>Begin Design:</b>	May-21
<b>Bid Construction:</b>	Feb-22
<b>Start Construction:</b>	May-22
<b>Complete Construction:</b>	Oct-22

	P/N
<b>Project Title:</b>	SPS Storage Improvement - Water's Edge
<b>Project Manager:</b>	Tony Laliotis
<b>Current Phase:</b>	PLANNING
<b>Budget Location:</b>	CAPITAL - SEWER
<b>Design Consultant:</b>	TBD
<b>Const. Contractor:</b>	TBD

**Map/Photo:**



**Project Description:**  
 Install a 5,000 gallon precast overflow wet well, bypass ports, emergency float, and ultrasonic level programming modifications. This project will be located at the Water's Edge Pump Station.

**Justification or Significance of Improvement:**  
 Increasing storage capacity at the Water's Edge pump station dramatically reduces the chances of a sanitary sewer overflow occurring due to a pump station failure. The increased storage capacity will allow District staff additional time to correct a pump station failure prior to an overflow occurring.


**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 2020 Actual	2020 Projected	2021 Budget	2022 Budget	2023 Budget	Total
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	\$ -	\$ -	\$ 40,622	\$ -	\$ -	\$ 40,622
Construction	\$ -	\$ -	\$ -	\$ 184,363	\$ -	\$ 184,363
<b>Total Project Costs</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 40,622</b>	<b>\$ 184,363</b>	<b>\$ -</b>	<b>\$ 224,985</b>
<b>Funding Source(s):</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Net Capital Expenditure</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 40,622</b>	<b>\$ 184,363</b>	<b>\$ -</b>	<b>\$ 224,985</b>

**Project Schedule**

<b>Begin Design:</b>	May-21
<b>Bid Construction:</b>	Feb-22
<b>Start Construction:</b>	May-22
<b>Complete Construction:</b>	Oct-22

	P/N											
<b>Project Title:</b>	SPS Storage Improvement - North Lane	<b>Map/Photo:</b>										
<b>Project Manager:</b>	Charley Miller											
<b>Current Phase:</b>	PLANNING											
<b>Budget Location:</b>	CAPITAL - SEWER											
<b>Design Consultant:</b>	TBD											
<b>Const. Contractor:</b>	TBD											
<b>Project Description:</b>	Install a 5,000 gallon precast overflow wet well, bypass ports, emergency float, and ultrasonic level programming modifications. This project will be located at the North Lane Pump Station											
<b>Justification or Significance of Improvement:</b>	Increasing storage capacity at the North Lane pump station dramatically reduces the chances of a sanitary sewer overflow occurring due to a pump station failure. The increased storage capacity will allow District staff additional time to correct a pump station failure prior to an overflow occurring.											
<b>Justification Data:</b>	<table border="1"> <tr> <td>Asset Category:</td> <td>SEWER</td> </tr> <tr> <td>Asset Type:</td> <td>Transmission</td> </tr> <tr> <td>Project Type:</td> <td>Upgrade</td> </tr> <tr> <td>Justification Category:</td> <td>Vulnerability/Risk</td> </tr> <tr> <td>Facility Age (Life):</td> <td>N/A (60)</td> </tr> </table>		Asset Category:	SEWER	Asset Type:	Transmission	Project Type:	Upgrade	Justification Category:	Vulnerability/Risk	Facility Age (Life):	N/A (60)
Asset Category:	SEWER											
Asset Type:	Transmission											
Project Type:	Upgrade											
Justification Category:	Vulnerability/Risk											
Facility Age (Life):	N/A (60)											
												

Project Costs						
Phase	Pre 2020 Actual	2020 Projected	2021 Budget	2022 Budget	2023 Budget	Total
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	\$ -	\$ -	\$ 37,265	\$ -	\$ -	\$ 37,265
Construction	\$ -	\$ -	\$ -	\$ 169,127	\$ -	\$ 169,127
<b>Total Project Costs</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 37,265</b>	<b>\$ 169,127</b>	<b>\$ -</b>	<b>\$ 206,392</b>
<b>Funding Source(s):</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Net Capital Expenditure</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 37,265</b>	<b>\$ 169,127</b>	<b>\$ -</b>	<b>\$ 206,392</b>

Project Schedule	
<b>Begin Design:</b>	May-21
<b>Bid Construction:</b>	Feb-22
<b>Start Construction:</b>	May-22
<b>Complete Construction:</b>	Oct-22

	P/N
<b>Project Title:</b>	Force Main Improvement - Park Terrace
<b>Project Manager:</b>	Charley Miller
<b>Current Phase:</b>	PLANNING
<b>Budget Location:</b>	CAPITAL - SEWER
<b>Design Consultant:</b>	TBD
<b>Const. Contractor:</b>	TBD

**Map/Photo:**



**Project Description:**  
 Replace piping and valves and 145 LF of Force Main Improvements. This project will be located at the Park Terrace Pump station on Sierra Terrace Road.

**Justification or Significance of Improvement:**  
 This force main, constructed in 1958, has reached the end of its useful life. As identified in the Sewer Pump Station Master Plan condition assessment the AC pipe is below its design standards.

**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 2020 Actual	2020 Projected	2021 Budget	2022 Budget	2023 Budget	Total
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	\$ -	\$ -	\$ 23,275	\$ -	\$ -	\$ 23,275
Construction	\$ -	\$ -	\$ -	\$ 105,634	\$ -	\$ 105,634
<b>Total Project Costs</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 23,275</b>	<b>\$ 105,634</b>	<b>\$ -</b>	<b>\$ 128,909</b>
<b>Funding Source(s):</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Net Capital Expenditure</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 23,275</b>	<b>\$ 105,634</b>	<b>\$ -</b>	<b>\$ 128,909</b>

**Project Schedule**

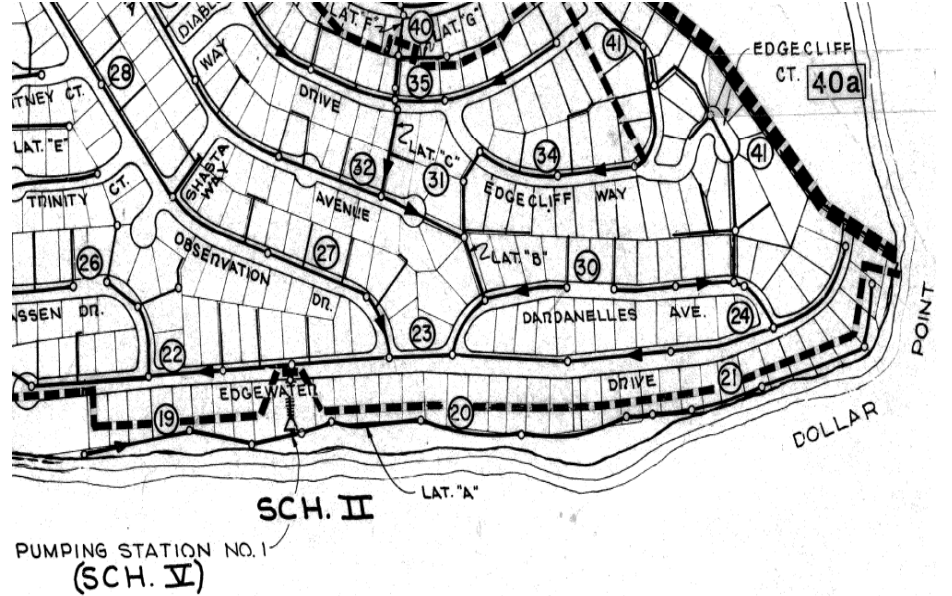
<b>Begin Design:</b>	May-21
<b>Bid Construction:</b>	Feb-22
<b>Start Construction:</b>	May-22
<b>Complete Construction:</b>	Oct-22

8331 P/N

**Project Title:** Dollar/Edgewater Lakefront SLR  
**Project Manager:** Charley Miller  
**Current Phase:** DESIGN  
**Budget Location:** CAPITAL - SEWER  
**Design Consultant:** Auerbach Engineering Corp.  
**Const. Contractor:** TBD

**Map/Photo:**

**Project Description:**  
 This work will consist of studying and evaluating the condition of the existing "Lateral A" sewer collection line located along the shoreline of Lake Tahoe; developing and implementing a solution to replace, repair, or protect the existing line as conditions dictate.



**Justification or Significance of Improvement:**  
 The existing "Lateral A" sewer collection line is an aging line located in the lake shore. It's shallow and vulnerable to damage. The project will help avoid any contamination of the area due to failing of or damage to the sewer line.

**Justification Data:**

Asset Category:	SEWER
Asset Type:	Collection
Project Type:	Rehabilitation
Justification Category:	Vulnerability/Risk
Facility Age (Life):	52(40)

**Project Costs**

Phase	Pre 2020 Actual	2020 Projected	2021 Budget	2022 Budget	2023 Budget	Total
Preliminary	\$ 118,571	\$ -	\$ -	\$ -	\$ -	\$ 118,571
Emergency Work	\$ 393,572	\$ 1,888	\$ -	\$ -	\$ -	\$ 395,459
Emergency Work - Ph. 2	\$ -	\$ 595,000	\$ -	\$ -	\$ -	\$ 595,000
Design	\$ -	\$ 101,109	\$ 363,411	\$ 370,000	\$ -	\$ 834,520
Construction	\$ -	\$ -	\$ -	\$ -	\$ 2,258,250	\$ 2,258,250
<b>Total Project Costs</b>	<b>\$ 512,142</b>	<b>\$ 697,997</b>	<b>\$ 363,411</b>	<b>\$ 370,000</b>	<b>\$ 2,258,250</b>	<b>\$ 4,201,800</b>
Funding Source(s):	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Capital Expenditure</b>	<b>\$ 512,142</b>	<b>\$ 697,997</b>	<b>\$ 363,411</b>	<b>\$ 370,000</b>	<b>\$ 2,258,250</b>	<b>\$ 4,201,800</b>

**Project Schedule**

<b>Begin Design:</b>	Sep-14
<b>Bid Construction:</b>	2023
<b>Start Construction:</b>	2023
<b>Complete Construction:</b>	2023

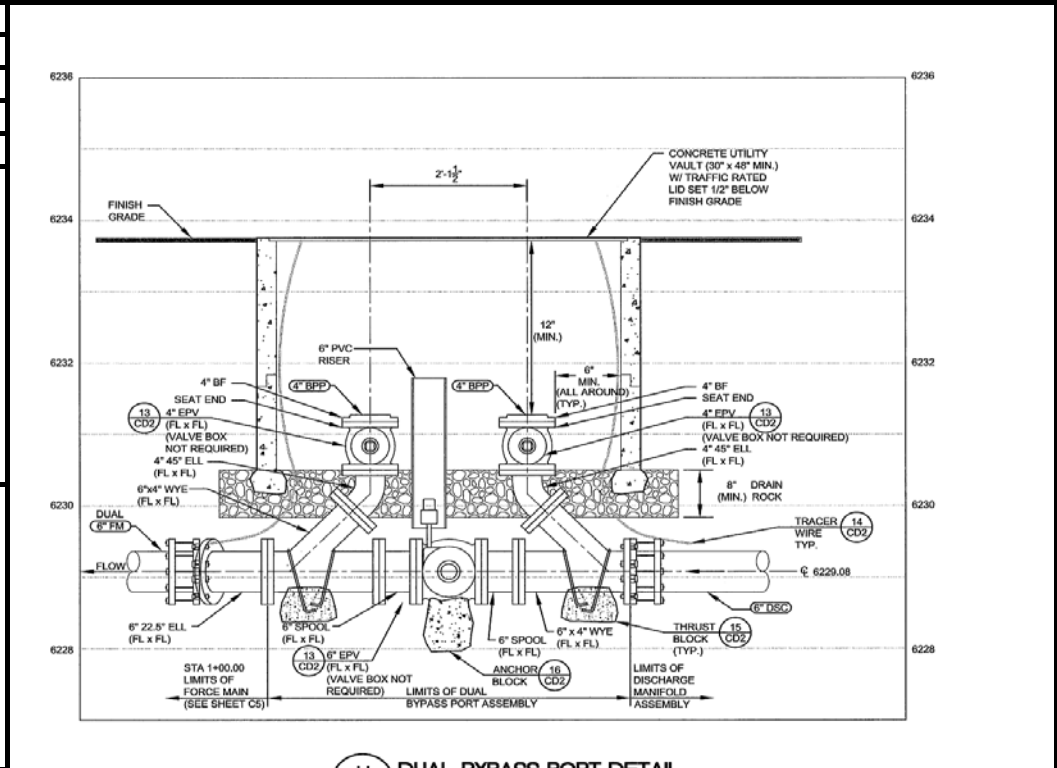
8357	P/N
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<b>Project Title:</b>	Emergency Bypass Facilities (PS & FM)
<b>Project Manager:</b>	Tony Laliotis
<b>Current Phase:</b>	PLANNING
<b>Budget Location:</b>	CAPITAL - SEWER
<b>Design Consultant:</b>	TBD
<b>Const. Contractor:</b>	District & TBD

**Map/Photo:**

**Project Description:**  
 This work will consist of installing emergency bypass facilities at Meeks Bay, Gold Coast, Sunnyside, Blackwood, Madden, and McKinney pump stations. Additional intermediate bypass ports will be installed on the Meeks Bay and Gold Coast 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):	NA

**Project Costs**

Phase	Pre 2020 Actual	2020 Projected	2021 Budget	2022 Budget	2023 Budget	Total
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	\$ -	\$ -	\$ 198,000	\$ -	\$ -	\$ 198,000
Construction	\$ 20,904	\$ -	\$ -	\$ 827,400	\$ 1,283,400	\$ 2,131,704
<b>Total Project Costs</b>	<b>\$ 20,904</b>	<b>\$ -</b>	<b>\$ 198,000</b>	<b>\$ 827,400</b>	<b>\$ 1,283,400</b>	<b>\$ 2,329,704</b>
<b>Funding Source(s):</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Capital Expenditure</b>	<b>\$ 20,904</b>	<b>\$ -</b>	<b>\$ 198,000</b>	<b>\$ 827,400</b>	<b>\$ 1,283,400</b>	<b>\$ 2,329,704</b>

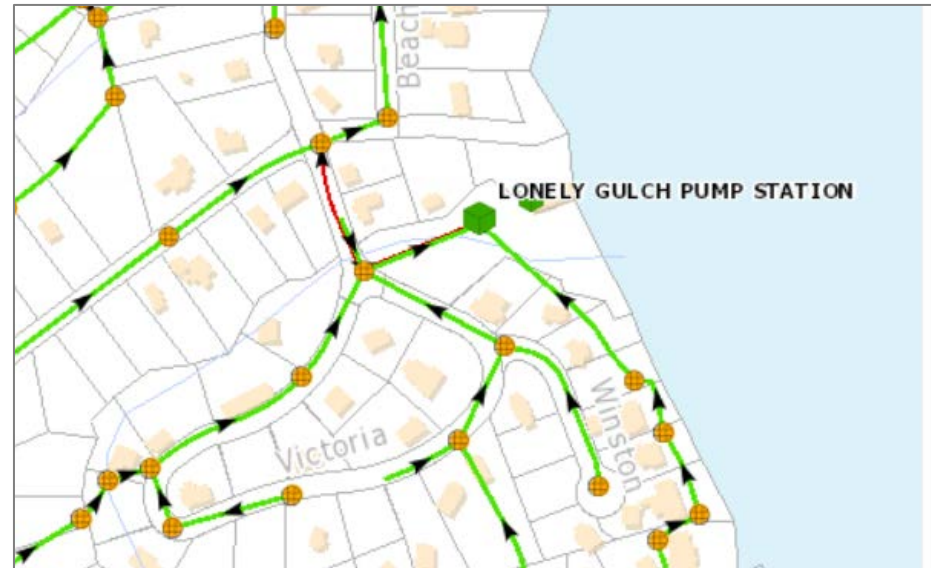
**Project Schedule**

<b>Begin Design:</b>	Jan-21
<b>Bid Construction:</b>	Dec-21
<b>Start Construction:</b>	May-22
<b>Complete Construction:</b>	Oct-22

8364	P/N
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<b>Project Title:</b>	Lonely Gulch Pump Station Generator Replacement
<b>Project Manager:</b>	Tony Laliotis
<b>Current Phase:</b>	PLANNING
<b>Budget Location:</b>	CAPITAL - SEWER
<b>Design Consultant:</b>	NA
<b>Const. Contractor:</b>	NA

**Map/Photo:**



**Project Description:**  
Purchase and install a new generator for Lonely Gulch Pump Station.

**Justification or Significance of Improvement:**  
This sewer pump station is powered by an underground electric line from the North Lane pump station. The underground power supply has failed several times, each time requiring significant down time for repairs. The pump station has very little storage and can spill within a few hours of non operation. The addition of a generator at Lonely Gulch will provide backup power in the event of a failure of the underground circuit.

**Justification Data:**

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

**Project Costs**

Phase	Pre 2020 Actual	2020 Projected	2021 Budget	2022 Budget	2023 Budget	Total
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Purchase	\$ 27,632	\$ -	\$ -	\$ -	\$ -	\$ 27,632
Construction	\$ 13,719	\$ 45,882	\$ 10,000	\$ -	\$ -	\$ 69,600
<b>Total Project Costs</b>	<b>\$ 41,351</b>	<b>\$ 45,882</b>	<b>\$ 10,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 97,232</b>
Funding Source(s):	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Capital Expenditure</b>	<b>\$ 41,351</b>	<b>\$ 45,882</b>	<b>\$ 10,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 97,232</b>

**Project Schedule**

<b>Begin Design:</b>	NA
<b>Bid Construction:</b>	NA
<b>Start Construction:</b>	Aug-18
<b>Complete Construction:</b>	Aug-21



8345	P/N
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<b>Project Title:</b>	Satellite Pump Station Controls
<b>Project Manager:</b>	Tony Laliotis
<b>Current Phase:</b>	CONSTRUCTION
<b>Budget Location:</b>	CAPITAL - SEWER
<b>Design Consultant:</b>	District
<b>Const. Contractor:</b>	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 back 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)



Phase	Project Costs					
	Pre 2020 Actual	2020 Projected	2021 Budget	2022 Budget	2023 Budget	Total
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 258,616	\$ 29,279	\$ 25,000	\$ -	\$ -	\$ 312,895
<b>Total Project Costs</b>	<b>\$ 258,616</b>	<b>\$ 29,279</b>	<b>\$ 25,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 312,895</b>
Funding Source(s):	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Capital Expenditure</b>	<b>\$ 258,616</b>	<b>\$ 29,279</b>	<b>\$ 25,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 312,895</b>

Project Schedule	
<b>Begin Design:</b>	NA
<b>Bid Construction:</b>	NA
<b>Start Construction:</b>	Sep-12
<b>Complete Construction:</b>	Dec-21

8333	P/N
------	-----

<b>Project Title:</b>	Spare Pumps
<b>Project Manager:</b>	Tony Laliotis
<b>Current Phase:</b>	PLANNING
<b>Budget Location:</b>	CAPITAL - SEWER
<b>Design Consultant:</b>	NA
<b>Const. Contractor:</b>	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 2020 Actual	2020 Projected	2021 Budget	2022 Budget	2023 Budget	Total
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Purchase	\$ 188,416	\$ 29,485	\$ 50,000	\$ 50,000	\$ 50,000	\$ 367,901
<b>Total Project Costs</b>	<b>\$ 188,416</b>	<b>\$ 29,485</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ 367,901</b>
<b>Funding Source(s):</b>						
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Capital Expenditure</b>	<b>\$ 188,416</b>	<b>\$ 29,485</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ 367,901</b>

**Project Schedule**

<b>Begin Design:</b>	NA
<b>Bid Construction:</b>	NA
<b>Start Construction:</b>	NA
<b>Complete Construction:</b>	NA

8334	P/N
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<b>Project Title:</b>	Transfer Switch Replacement
<b>Project Manager:</b>	Tony Laliotis
<b>Current Phase:</b>	CONSTRUCTION
<b>Budget Location:</b>	CAPITAL - SEWER
<b>Design Consultant:</b>	District
<b>Const. Contractor:</b>	District

**Map/Photo:**



**Project Description:**  
Replacement of aging emergency generator automatic transfer switches at 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 2020 Actual	2020 Projected	2021 Budget	2022 Budget	2023 Budget	Total
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ 51,000	\$ 51,000	\$ -	\$ -	\$ 102,000
<b>Total Project Costs</b>	<b>\$ -</b>	<b>\$ 51,000</b>	<b>\$ 51,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 102,000</b>
<b>Funding Source(s):</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Capital Expenditure</b>	<b>\$ -</b>	<b>\$ 51,000</b>	<b>\$ 51,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 102,000</b>

**Project Schedule**

<b>Begin Design:</b>	Jan-20
<b>Bid Construction:</b>	NA
<b>Start Construction:</b>	May-20
<b>Complete Construction:</b>	Oct-21

8314	P/N											
<b>Project Title:</b>	Pump Station Flow Meters & Bypass Ports	<b>Map/Photo:</b>										
<b>Project Manager:</b>	Tony Laliotis											
<b>Current Phase:</b>	CONSTRUCTION											
<b>Budget Location:</b>	CAPITAL - SEWER											
<b>Design Consultant:</b>	District											
<b>Const. Contractor:</b>	District											
<b>Project Description:</b>	Installation of magnetic flow meters at all sewer pump stations.											
<b>Justification or Significance of Improvement:</b>	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.											
<b>Justification Data:</b>	<table border="1"> <tr> <td>Asset Category:</td> <td>SEWER</td> </tr> <tr> <td>Asset Type:</td> <td>Transmission</td> </tr> <tr> <td>Project Type:</td> <td>Upgrade</td> </tr> <tr> <td>Justification Category:</td> <td>Best Practice</td> </tr> <tr> <td>Facility Age (Life):</td> <td>NA</td> </tr> </table>		Asset Category:	SEWER	Asset Type:	Transmission	Project Type:	Upgrade	Justification Category:	Best Practice	Facility Age (Life):	NA
Asset Category:	SEWER											
Asset Type:	Transmission											
Project Type:	Upgrade											
Justification Category:	Best Practice											
Facility Age (Life):	NA											

Project Costs							Project Schedule	
Phase	Pre 2020 Actual	2020 Projected	2021 Budget	2022 Budget	2023 Budget	Total		
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		NA
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		NA
Construction	\$ 184,960	\$ -	\$ 50,000	\$ 50,000	\$ -	\$ 284,960		Dec-10
<b>Total Project Costs</b>	<b>\$ 184,960</b>	<b>\$ -</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ -</b>	<b>\$ 284,960</b>		Dec-21
<b>Funding Source(s):</b>								
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
<b>Net Capital Expenditure</b>	<b>\$ 184,960</b>	<b>\$ -</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ -</b>	<b>\$ 284,960</b>		

	P/N
<b>Project Title:</b>	Bay Vista Generator Installation
<b>Project Manager:</b>	Tony Laliotis
<b>Current Phase:</b>	PLANNING
<b>Budget Location:</b>	CAPITAL - SEWER
<b>Design Consultant:</b>	NA
<b>Const. Contractor:</b>	NA

**Project Description:**  
 This work consists of purchasing and installing a backup generator at the Bay Vista Satellite Sewer Pump Station.

**Justification or Significance of Improvement:**  
 During power outages, Utilities crews must provide portable power to the Pump Station. Winter access can be difficult and the lack of a permanent generator can make emergency response during power outages both difficult and dangerous. This project will eliminate the need to bring a portable generator to pump down the station and will provide immediate power during outages.

**Justification Data:**

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

**Map/Photo:**



**Project Costs**

Phase	Pre 2020 Actual	2020 Projected	2021 Budget	2022 Budget	2023 Budget	Total
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ 70,000	\$ 20,000	\$ -	\$ -	\$ 90,000
<b>Total Project Costs</b>	<b>\$ -</b>	<b>\$ 70,000</b>	<b>\$ 20,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 90,000</b>
<b>Funding Source(s):</b>						
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Capital Expenditure</b>	<b>\$ -</b>	<b>\$ 70,000</b>	<b>\$ 20,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 90,000</b>

**Project Schedule**

<b>Begin Design:</b>	NA
<b>Bid Construction:</b>	NA
<b>Start Construction:</b>	May-20
<b>Complete Construction:</b>	Oct-20

	P/N
<b>Project Title:</b>	Tahoma Generator Installation
<b>Project Manager:</b>	Tony Laliotis
<b>Current Phase:</b>	PLANNING
<b>Budget Location:</b>	CAPITAL - SEWER
<b>Design Consultant:</b>	NA
<b>Const. Contractor:</b>	NA

**Project Description:**  
 This work consists of purchasing and installing a backup generator at the Tahoma Satellite Sewer Pump Station.

**Justification or Significance of Improvement:**  
 During power outages, Utilities crews must provide portable power to the Pump Station. Winter access can be difficult and the lack of a permanent generator can make emergency response during power outages both difficult and dangerous. This project will eliminate the need to bring a portable generator to pump down the station and will provide immediate power during outages.

**Justification Data:**

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

**Map/Photo:**



Project Costs						
Phase	Pre 2020 Actual	2020 Projected	2021 Budget	2022 Budget	2023 Budget	Total
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ 45,000	\$ 20,000	\$ -	\$ -	\$ 65,000
<b>Total Project Costs</b>	<b>\$ -</b>	<b>\$ 45,000</b>	<b>\$ 20,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 65,000</b>
<b>Funding Source(s):</b>						
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Capital Expenditure</b>	<b>\$ -</b>	<b>\$ 45,000</b>	<b>\$ 20,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 65,000</b>

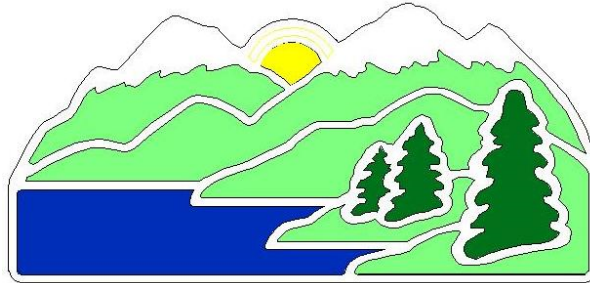
**Project Schedule**

<b>Begin Design:</b>	NA
<b>Bid Construction:</b>	NA
<b>Start Construction:</b>	May-20
<b>Complete Construction:</b>	Oct-21

	P/N	
<b>Project Title:</b>	Portable Sewer Flow Meters	<b>Map/Photo:</b> 
<b>Project Manager:</b>	Tony Laliotis	
<b>Current Phase:</b>	PLANNING	
<b>Budget Location:</b>	CAPITAL - SEWER	
<b>Design Consultant:</b>	NA	
<b>Const. Contractor:</b>	NA	
<b>Project Description:</b>		
This project will consist of the purchase of several portable sewer flow meters.		
<b>Justification or Significance of Improvement:</b>		
This project will allow District personnel to monitor sewer flow in smaller more defined areas.		
<b>Justification Data:</b>		
Asset Category:	SEWER	
Asset Type:	Equipment	
Project Type:	Upgrade	
Justification Category:	Best Practice	
Facility Age (Life):	NA	

Project Costs							Project Schedule	
Phase	Pre 2020 Actual	2020 Projected	2021 Budget	2022 Budget	2023 Budget	Total		
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		NA
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		NA
Purchase	\$ -	\$ -	\$ 10,000		\$ -	\$ 10,000		NA
<b>Total Project Costs</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 10,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 10,000</b>		NA
<b>Funding Source(s):</b>								
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
<b>Net Capital Expenditure</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 10,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 10,000</b>		

# 2021 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
<b>Project Title:</b>	Lakeside Trail Phase IIA
<b>Project Manager:</b>	Kay Berntson
<b>Current Phase:</b>	PLANNING
<b>Budget Location:</b>	CAPITAL - P&R
<b>Design Consultant:</b>	TBD
<b>Const. Contractor:</b>	TBD

**Map/Photo:**



**Project Description:**  
Wood Plank Replacement on Lakeside Trail adjacent to Outlet Parcel.

**Justification or Significance of Improvement:**  
Wood and hardware are worn, rotted, and need replacement.

**Justification Data:**


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

**Project Costs**

Phase	2021 Budget	2022 Budget	2023 Budget	2024 Budget	2025 Budget	Total
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 18,500	\$ -	\$ -	\$ -	\$ -	\$ 18,500
<b>Total Project Costs</b>	<b>\$ 18,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 18,500</b>
<b>Funding Source(s):</b>						
<b>Net Capital Expenditure</b>	<b>\$ 18,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 18,500</b>

**Project Schedule**

<b>Begin Design:</b>	TBD
<b>Bid Construction:</b>	TBD
<b>Start Construction:</b>	TBD
<b>Complete Construction:</b>	TBD

	P/N												
<b>Project Title:</b>	Lakeside Trail Phase IIB	<b>Map/Photo:</b>											
<b>Project Manager:</b>	Mitch Jonas												
<b>Current Phase:</b>	PLANNING												
<b>Budget Location:</b>	CAPITAL - P&R												
<b>Design Consultant:</b>	TBD												
<b>Const. Contractor:</b>	TBD												
<b>Project Description:</b>	Remove and replace approximately 800 square feet of asphalt on Lakeside Trail adjacent to the Outlet Parcel.												
<b>Justification or Significance of Improvement:</b>	This is a safety concern due to significant amount of root heaving, cracks and tripping hazards on asphalt trail surface.												
<b>Justification Data:</b>	<table border="1"> <tr> <td>Asset Category:</td> <td>PARKS</td> </tr> <tr> <td>Asset Type:</td> <td>Trails</td> </tr> <tr> <td>Project Type:</td> <td>Rehab</td> </tr> <tr> <td>Justification Category:</td> <td>Safety/Security</td> </tr> <tr> <td>Facility Age (Life):</td> <td>5-10 years</td> </tr> </table>		Asset Category:	PARKS	Asset Type:	Trails	Project Type:	Rehab	Justification Category:	Safety/Security	Facility Age (Life):	5-10 years	
Asset Category:	PARKS												
Asset Type:	Trails												
Project Type:	Rehab												
Justification Category:	Safety/Security												
Facility Age (Life):	5-10 years												

Project Costs							Project Schedule	
Phase	2021 Budget	2022 Budget	2023 Budget	2024 Budget	2025 Budget	Total		
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		TBD
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		TBD
Construction	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000		TBD
<b>Total Project Costs</b>	<b>\$ 25,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 25,000</b>		TBD
<b>Funding Source(s):</b>			\$ -	\$ -	\$ -	\$ -		
<b>Net Capital Expenditure</b>	<b>\$ 25,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 25,000</b>		

	P/N
<b>Project Title:</b>	TCGC Operational Improvement Projects
<b>Project Manager:</b>	Valli Murnane
<b>Current Phase:</b>	CONSTRUCTION
<b>Budget Location:</b>	CAPITAL - P&R
<b>Design Consultant:</b>	NA
<b>Const. Contractor:</b>	TBD

**Map/Photo:**



**Project Description:**

Annual Operational Improvement Projects;

- Cart Paths
- Bunkers
- Poles
- 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.

**Justification Data:**

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

Project Costs							Project Schedule	
Phase	2021 Budget	2022 Budget	2023 Budget	2024 Budget	2025 Budget	Total		
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		N/A
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		N/A
Construction	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ 200,000		2020
<b>Total Project Costs</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ -</b>	<b>\$ 200,000</b>		TBD
<b>Funding Source(s):</b>								
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
<b>Net Capital Expenditure</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ -</b>	<b>\$ 200,000</b>		

8684	P/N
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<b>Project Title:</b>	TCGC/WSP Drainage Repair/Rehab
<b>Project Manager:</b>	Matt Homolka
<b>Current Phase:</b>	CONSTRUCTION
<b>Budget Location:</b>	CAPITAL - P&R
<b>Design Consultant:</b>	TCPUD Staff
<b>Const. Contractor:</b>	Multiple

**Map/Photo:**



**Project Description:**  
 Staff has 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. For 2021, a larger project along the commercial property frontage is planned.

**Justification or Significance of Improvement:**  
 After acquisition and a few large winters, it became 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 a number of 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 2020 Actual	2020 Projected	2021 Budget	2022 Budget	2023 Budget	Total
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 175,619	\$ 39,170	\$ 235,000	\$ -	\$ -	\$ 449,789
<b>Total Project Costs</b>	<b>\$ 175,619</b>	<b>\$ 39,170</b>	<b>\$ 235,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 449,789</b>
<b>Funding Source(s):</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Capital Expenditure</b>	<b>\$ 175,619</b>	<b>\$ 39,170</b>	<b>\$ 235,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 449,789</b>

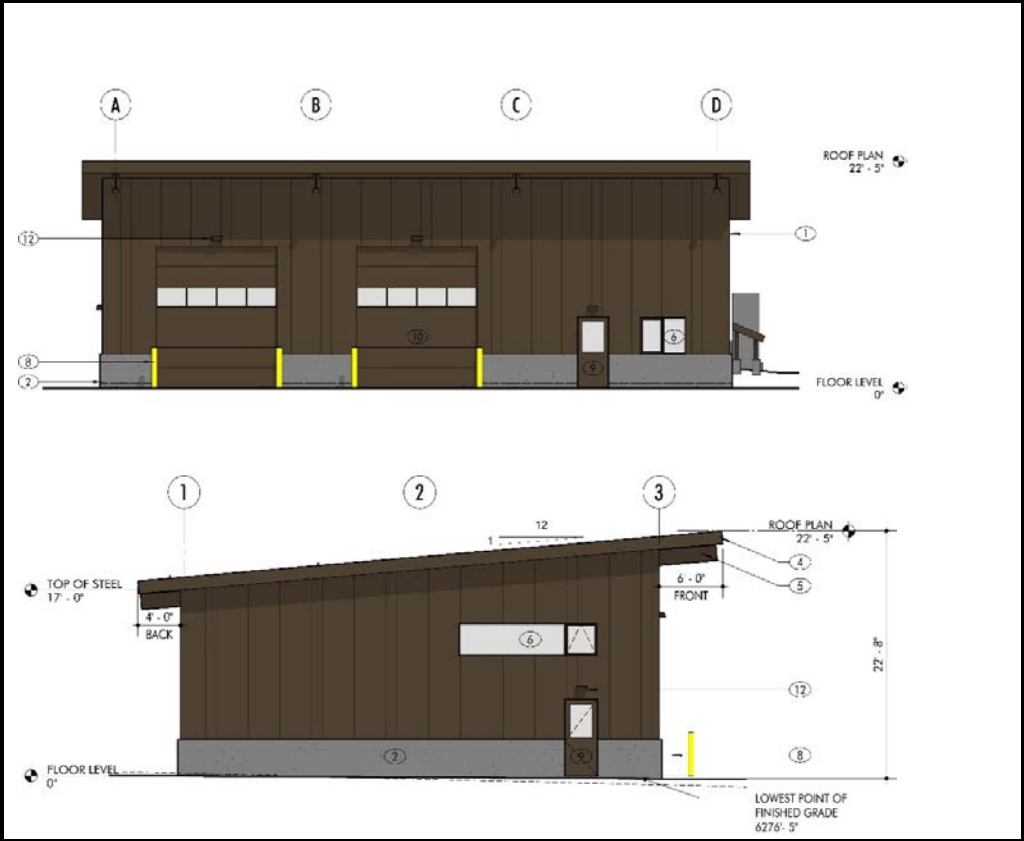
**Project Schedule**

<b>Begin Design:</b>	N/A
<b>Bid Construction:</b>	TBD
<b>Start Construction:</b>	Ongoing
<b>Complete Construction:</b>	Ongoing

8685	P/N
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<b>Project Title:</b>	TCGC Upper Parking & Maintenance Area BMP Improvements, Phase 2 – M&O Facility
<b>Project Manager:</b>	Charley Miller
<b>Current Phase:</b>	DESIGN
<b>Budget Location:</b>	CAPITAL - P&R
<b>Design Consultant:</b>	Ward-Young Architecture & Planning and Auerbach Engineering
<b>Const. Contractor:</b>	TBD

**Map/Photo:**



**Project Description:**  
 The project involves replacement of the existing cargo containers with a 2,820 SF maintenance and operations steel frame building and associated site improvements. The building will include space for an office and a bathroom. The public parking lot improvements adjacent to the M&O Facility were constructed separately as Phase 1 in 2018.

**Justification or Significance of Improvement:**  
 The existing Tahoe City Golf Course upper parking and maintenance areas are non-compliant with TRPA BMP requirements. Both phases of this project are designed to bring the area in to compliance. In addition, the existing maintenance facility is comprised of a series of cargo containers and miscellaneous attachments that have become limiting to golf course operations, unsafe for staff, poorly contained and an eyesore on the property.

**Justification Data:**

Asset Category:	PARKS
Asset Type:	Facility
Project Type:	Rehab
Justification Category:	Safety/Security
Facility Age (Life):	50 yrs

**Project Costs**

Phase	Pre 2020 Actual	2020 Projected	2021 Budget	2023 Budget	2024 Budget	Total
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	\$ 233,230	\$ 24,538	\$ -	\$ -	\$ -	\$ 257,768
Construction	\$ -	\$ 1,583,284	\$ 175,920	\$ -	\$ -	\$ 1,759,204
<b>Total Project Costs</b>	<b>\$ 233,230</b>	<b>\$ 1,607,822</b>	<b>\$ 175,920</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,016,972</b>
<b>Funding Source(s):</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Capital Expenditure</b>	<b>\$ 233,230</b>	<b>\$ 1,607,822</b>	<b>\$ 175,920</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,016,972</b>


**Project Schedule**

<b>Begin Design:</b>	Feb-18
<b>Bid Construction:</b>	Dec-19
<b>Start Construction:</b>	May-20
<b>Complete Construction:</b>	May-21


	P/N											
<b>Project Title:</b>	Honda Snowblowers	<b>Map/Photo:</b>										
<b>Project Manager:</b>	Kay Bertson											
<b>Current Phase:</b>	PLANNING											
<b>Budget Location:</b>	CAPITAL - P&R											
<b>Design Consultant:</b>	N/A											
<b>Const. Contractor:</b>	N/A											
<b>Project Description:</b>	Purchase of two (2) new Honda 1336 snowblowers for use in all Parks and Facilities.											
<b>Justification or Significance of Improvement:</b>	Replacement of older snowblowers for use in all Parks and Facilities.											
<b>Justification Data:</b>	<table border="1"> <tr> <td>Asset Category:</td> <td>PARKS</td> </tr> <tr> <td>Asset Type:</td> <td>Equipment</td> </tr> <tr> <td>Project Type:</td> <td>Replace</td> </tr> <tr> <td>Justification Category:</td> <td>Age/Condition</td> </tr> <tr> <td>Facility Age (Life):</td> <td>N/A</td> </tr> </table>		Asset Category:	PARKS	Asset Type:	Equipment	Project Type:	Replace	Justification Category:	Age/Condition	Facility Age (Life):	N/A
Asset Category:	PARKS											
Asset Type:	Equipment											
Project Type:	Replace											
Justification Category:	Age/Condition											
Facility Age (Life):	N/A											



Project Costs							Project Schedule	
Phase	2021 Budget	2022 Budget	2023 Budget	2024 Budget	2025 Budget	Total		
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		N/A
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		Jan-21
Purchase	\$ 17,500	\$ -	\$ -	\$ -	\$ -	\$ 17,500		N/A
<b>Total Project Costs</b>	<b>\$ 17,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 17,500</b>		N/A
<b>Funding Source(s):</b>						\$ -		
<b>Net Capital Expenditure</b>	<b>\$ 17,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 17,500</b>		


	P/N	
<b>Project Title:</b>	Turco Triwave Seeder 60	<b>Map/Photo:</b>
<b>Project Manager:</b>	Mitch Jonas	
<b>Current Phase:</b>	PLANNING	
<b>Budget Location:</b>	CAPITAL - P&R	
<b>Design Consultant:</b>	TBD	
<b>Const. Contractor:</b>	TBD	
<b>Project Description:</b>		
<p>The purchase of a power take-off (PTO) operated seeder that will be used in parks, ballfields, and golf course to seed thin or bare turfgrass areas. This implement is operated by attaching to a tractor, which we already own.</p>		
<b>Justification or Significance of Improvement:</b>		
<p>The purchase of this seeder will be a large labor savings and will allow staff to get the seeding done in a timely manner. We do not currently own a seeder and the current method is a 5-step process using multiple staff members. The labor savings will offset price of the machine in 2.5 years.</p>		
<b>Justification Data:</b>		
Asset Category:	PARKS	
Asset Type:	Equipment	
Project Type:	Upgrade	
Justification Category:	Regulatory	
Facility Age (Life):	NA	

Project Costs							Project Schedule	
Phase	2021 Budget	2022 Budget	2023 Budget	2024 Budget	2025 Budget	Total		
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		TBD
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		Mar-21
Purchase	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000		TBD
<b>Total Project Costs</b>	<b>\$ 20,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 20,000</b>		TBD
<b>Funding Source(s):</b>								
			\$ -	\$ -	\$ -	\$ -		
<b>Net Capital Expenditure</b>	<b>\$ 20,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 20,000</b>		



	P/N											
<b>Project Title:</b>	401 West Lake Blvd. Building Improvement Proj.	<b>Map/Photo:</b>										
<b>Project Manager:</b>	Valli Murnane											
<b>Current Phase:</b>	PLANNING											
<b>Budget Location:</b>	CAPITAL - P&R											
<b>Design Consultant:</b>	TBD											
<b>Const. Contractor:</b>	TBD											
<b>Project Description:</b>	<p>The project involves the following improvements, repairs and replacements. Estimated budget breakdown presented below are preliminary.</p> <p><b>2021:</b></p> <ul style="list-style-type: none"> <li>Architectural and Engineering Consultation - \$30,000</li> <li>Fire Sprinkler System installation - \$78,000</li> <li>HVAC System replacement - \$150,000</li> <li>ADA Bathroom improvements - \$40,000</li> <li>Meeting/Conference Room improvement - \$80,000</li> <li>Roof repair - \$7,500</li> <li>Exterior building and Emergency Stairwell Exit repairs - \$243,000</li> <li>Exterior and interior building electrical repairs - \$12,000</li> <li>Building entrance signage - \$5,000</li> <li>Security System – TBD</li> </ul> <p><b>2022:</b></p> <ul style="list-style-type: none"> <li>\$120K in ongoing building capital improvements</li> </ul>											
<b>Justification or Significance of Improvement:</b>	<p>The building requires significant improvements and repair to bring the building into compliance to be used as a public recreational and meeting/event space. In addition, the building will be used as office space for the Recreation Department.</p>											
<b>Justification Data:</b>	<table border="1"> <tr> <td>Asset Category:</td> <td>PARKS</td> </tr> <tr> <td>Asset Type:</td> <td>Facility</td> </tr> <tr> <td>Project Type:</td> <td>Rehab</td> </tr> <tr> <td>Justification Category:</td> <td>Safety/Security</td> </tr> <tr> <td>Facility Age (Life):</td> <td>Estimated at 30 yrs</td> </tr> </table>		Asset Category:	PARKS	Asset Type:	Facility	Project Type:	Rehab	Justification Category:	Safety/Security	Facility Age (Life):	Estimated at 30 yrs
Asset Category:	PARKS											
Asset Type:	Facility											
Project Type:	Rehab											
Justification Category:	Safety/Security											
Facility Age (Life):	Estimated at 30 yrs											

Project Costs							Project Schedule	
Phase	2021 Budget	2022 Budget	2023 Budget	2024 Budget	2025 Budget	Total		
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		TBD
Design	\$ 30,000	\$ 20,000	\$ -	\$ -	\$ -	\$ 50,000		TBD
Construction	\$ 615,500	\$ 100,000	\$ -	\$ -	\$ -	\$ 715,500		TBD
<b>Total Project Costs</b>	<b>\$ 645,500</b>	<b>\$ 120,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 765,500</b>		TBD
<b>Funding Source(s):</b>								
<b>Net Capital Expenditure</b>	<b>\$ 645,500</b>	<b>\$ 120,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 765,500</b>		TBD



	P/N											
<b>Project Title:</b>	401 West Lake Blvd. Grounds Improvements	<b>Map/Photo:</b>										
<b>Project Manager:</b>	Valli Murnane											
<b>Current Phase:</b>	PLANNING											
<b>Budget Location:</b>	CAPITAL - P&R											
<b>Design Consultant:</b>	TBD											
<b>Const. Contractor:</b>	TBD											
<b>Project Description:</b>	<p>The project involves the following improvements, repairs and replacements. Estimated budget breakdown presented below are preliminary.</p> <p><u>2021:</u>  Engineering Consultation - \$30,000  ADA exterior walkway improvements - \$50,000  Grounds electrical improvements - \$150,000  West Lake Blvd Street Signage replacement - \$50,000</p> <p><u>2022 and beyond:</u>  Rough Estimate of \$100K/Year for ongoing grounds capital improvements</p>											
<b>Justification or Significance of Improvement:</b>	<p>The grounds require significant improvements and repairs to bring the grounds into compliance to be safely used as a public outdoor recreational and event space.</p>											
<b>Justification Data:</b>	<table border="1"> <tr> <td>Asset Category:</td> <td>PARKS</td> </tr> <tr> <td>Asset Type:</td> <td>Facility</td> </tr> <tr> <td>Project Type:</td> <td>Rehab</td> </tr> <tr> <td>Justification Category:</td> <td>Safety/Security</td> </tr> <tr> <td>Facility Age (Life):</td> <td>Varies</td> </tr> </table>		Asset Category:	PARKS	Asset Type:	Facility	Project Type:	Rehab	Justification Category:	Safety/Security	Facility Age (Life):	Varies
Asset Category:	PARKS											
Asset Type:	Facility											
Project Type:	Rehab											
Justification Category:	Safety/Security											
Facility Age (Life):	Varies											

Project Costs							Project Schedule	
Phase	2021 Budget	2022 Budget	2023 Budget	2024 Budget	2025 Budget	Total		
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		Begin Design: TBD
Design	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000		Bid Construction: TBD
Construction	\$ 250,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 650,000		Start Construction: TBD
<b>Total Project Costs</b>	<b>\$ 280,000</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ 680,000</b>		Complete Construction: TBD
<b>Funding Source(s):</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
<b>Net Capital Expenditure</b>	<b>\$ 280,000</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ 680,000</b>		

	P/N	
<b>Project Title:</b>	Indoor Play Center - 401 W. Lake Blvd.	<b>Map/Photo:</b>
<b>Project Manager:</b>	Valli Murnane	
<b>Current Phase:</b>	PLANNING	
<b>Budget Location:</b>	CAPITAL - P&R	
<b>Design Consultant:</b>	TBD	
<b>Const. Contractor:</b>	TBD	
<b>Project Description:</b>	Provide an indoor play area at 401 W. Lake Blvd.	
<b>Justification or Significance of Improvement:</b>	Offer a play area that considers age appropriate equipment, activities, and child safety. The indoor play area will offer visitors and residents to the 401 W. Lake Blvd Facility a place to let their child play safely during organized days and times, namely during the winter and spring seasons, while also offering a place for parents and caregivers to socialize.	
<b>Justification Data:</b>		
Asset Category:	PARKS	
Asset Type:	Facility	
Project Type:	Upgrade	
Justification Category:	Age/Condition	
Facility Age (Life):		

Project Costs							Project Schedule	
Phase	2021 Budget	2022 Budget	2023 Budget	2024 Budget	2025 Budget	Total		
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		TBD
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		TBD
Construction	\$ 13,000	\$ -	\$ -	\$ -	\$ -	\$ 13,000		TBD
<b>Total Project Costs</b>	<b>\$ 13,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 13,000</b>		TBD
<b>Funding Source(s):</b>								
TTCF	\$ 13,000		\$ -	\$ -	\$ -	\$ 13,000		
<b>Net Capital Expenditure</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>		

	P/N
<b>Project Title:</b>	Rideout Gym Scoreboard
<b>Project Manager:</b>	Valli Murnane
<b>Current Phase:</b>	PLANNING
<b>Budget Location:</b>	CAPITAL - P&R
<b>Design Consultant:</b>	TBD
<b>Const. Contractor:</b>	TBD

**Map/Photo:**



**Project Description:**  
 Replace scoreboard at the Rideout gym.

**Justification or Significance of Improvement:**  
 Replace the Rideout Gym scoreboard used to support youth and adult sports programs offered at this facility. The scoreboard's receiver and wireless controller are in poor working condition and due to its age, replacement parts are no longer available.


**Justification Data:**

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

Project Costs						
Phase	2021 Budget	2022 Budget	2023 Budget	2024 Budget	2025 Budget	Total
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 7,400	\$ -	\$ -	\$ -	\$ -	\$ 7,400
<b>Total Project Costs</b>	<b>\$ 7,400</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 7,400</b>
<b>Funding Source(s):</b>			\$ -	\$ -	\$ -	
<b>Net Capital Expenditure</b>	<b>\$ 7,400</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 7,400</b>

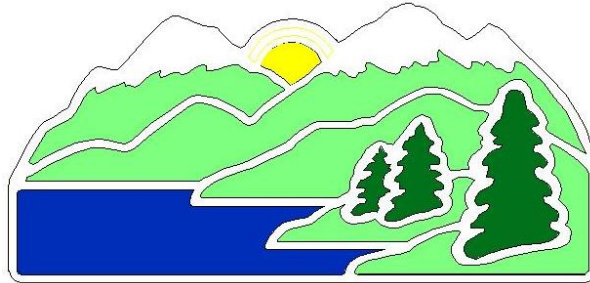
**Project Schedule**

<b>Begin Design:</b>	TBD
<b>Bid Construction:</b>	TBD
<b>Start Construction:</b>	TBD
<b>Complete Construction:</b>	TBD

	P/N	
<b>Project Title:</b>	Skylandia Water Bars/Stair Replacement	<b>Map/Photo:</b>
<b>Project Manager:</b>	Valli Murnane	
<b>Current Phase:</b>	PLANNING	
<b>Budget Location:</b>	CAPITAL - P&R	
<b>Design Consultant:</b>	TBD	
<b>Const. Contractor:</b>	TBD	
<b>Project Description:</b>		
Rehabilitate water bar stairs to beach at Skylandia Park.		
<b>Justification or Significance of Improvement:</b>		
Rehabilitation is needed for safety and aesthetics.		
<b>Justification Data:</b>		
Asset Category:	PARKS	
Asset Type:	Parks	
Project Type:	Replace	
Justification Category:	Safety/Security	
Facility Age (Life):	10 yrs	

Project Costs							Project Schedule	
Phase	2020 Actual	2021 Budget	2022 Budget	2023 Budget	2024 Budget	Total		
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	<b>Begin Design:</b>	Feb-19
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	<b>Bid Construction:</b>	TBD
Construction	\$ 1,093	\$ 20,000	\$ -	\$ -	\$ -	\$ 21,093	<b>Start Construction:</b>	May-20
<b>Total Project Costs</b>	<b>\$ 1,093</b>	<b>\$ 20,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 21,093</b>	<b>Complete Construction:</b>	Jun-21
<b>Funding Source(s):</b>								
Placer County TOT		\$ 20,000				\$ 20,000		
<b>Net Capital Expenditure</b>	<b>\$ 1,093</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,093</b>		

# 2021 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											
<b>Project Title:</b>	District Server Replacement	<b>Map/Photo:</b>										
<b>Project Manager:</b>	IT											
<b>Current Phase:</b>	PROCUREMENT											
<b>Budget Location:</b>	GSS											
<b>Design Consultant:</b>	IT											
<b>Const. Contractor:</b>	IT											
<b>Project Description:</b>	<p>Replace one (1) existing Dell server (TC-DOCSVR), one of the District's two virtual host servers.</p>											
<b>Justification or Significance of Improvement:</b>	<p>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.</p>											
<b>Justification Data:</b>	<table border="1"> <tr> <td>Asset Category:</td> <td>G&amp;AS</td> </tr> <tr> <td>Asset Type:</td> <td>EQUIPMENT</td> </tr> <tr> <td>Project Type:</td> <td>Replace</td> </tr> <tr> <td>Justification Category:</td> <td>Age/Condition</td> </tr> <tr> <td>Facility Age (Life):</td> <td>7 Years</td> </tr> </table>		Asset Category:	G&AS	Asset Type:	EQUIPMENT	Project Type:	Replace	Justification Category:	Age/Condition	Facility Age (Life):	7 Years
Asset Category:	G&AS											
Asset Type:	EQUIPMENT											
Project Type:	Replace											
Justification Category:	Age/Condition											
Facility Age (Life):	7 Years											

Project Costs							Project Schedule	
Phase	2021 Budget	2022 Budget	2023 Budget	2024 Budget	2025 Budget	Total		
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Purchase	\$ 9,000	\$ 13,000	\$ 10,000	\$ 2,000	\$ 18,000	\$ 52,000		
<b>Total Project Costs</b>	<b>\$ 9,000</b>	<b>\$ 13,000</b>	<b>\$ 10,000</b>	<b>\$ 2,000</b>	<b>\$ 18,000</b>	<b>\$ 52,000</b>		
<b>Funding Source(s):</b>						\$ -		
<b>Net Capital Expenditure</b>	<b>\$ 9,000</b>	<b>\$ 13,000</b>	<b>\$ 10,000</b>	<b>\$ 2,000</b>	<b>\$ 18,000</b>	<b>\$ 52,000</b>		

<b>Begin Design:</b>	
<b>Bid Construction:</b>	
<b>Start Construction:</b>	Mar-21
<b>Complete Construction:</b>	Apr-21

	P/N											
<b>Project Title:</b>	Administration Office Copiers (2)		<b>Map/Photo:</b>									
<b>Project Manager:</b>	IT											
<b>Current Phase:</b>	PROCUREMENT											
<b>Budget Location:</b>	GSS											
<b>Design Consultant:</b>	IT											
<b>Const. Contractor:</b>	TBD											
<b>Project Description:</b>	Purchase two workgroup office multifunction copiers for the administration office. Replacement would be one multifunction color copier and the second a black and white copier. This is currently what is in place.											
<b>Justification or Significance of Improvement:</b>	<p>The existing multifunction devices are used by the Administration staff. These machines are heavily used in the Administration building and has reached their useful life.</p> <p>Before replacement staff will evaluate the effectiveness of the copiers and compare actual use to their maximum and recommended duty cycle.</p>											
<b>Justification Data:</b>	<table border="1"> <tr> <td>Asset Category:</td> <td>G&amp;AS</td> </tr> <tr> <td>Asset Type:</td> <td>EQUIPMENT</td> </tr> <tr> <td>Project Type:</td> <td>Replace</td> </tr> <tr> <td>Justification Category:</td> <td>Age/Condition</td> </tr> <tr> <td>Facility Age (Life):</td> <td>5</td> </tr> </table>		Asset Category:	G&AS	Asset Type:	EQUIPMENT	Project Type:	Replace	Justification Category:	Age/Condition	Facility Age (Life):	5
Asset Category:	G&AS											
Asset Type:	EQUIPMENT											
Project Type:	Replace											
Justification Category:	Age/Condition											
Facility Age (Life):	5											



Project Costs							Project Schedule	
Phase	2021 Budget	2022 Budget	2023 Budget	2024 Budget	2025 Budget	Total		
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Purchase	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000		
<b>Total Project Costs</b>	<b>\$ 50,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 50,000</b>		
<b>Funding Source(s):</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
<b>Net Capital Expenditure</b>	<b>\$ 50,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 50,000</b>		

<b>Begin Design:</b>	
<b>Bid Construction:</b>	
<b>Start Construction:</b>	Oct-21
<b>Complete Construction:</b>	Nov-21

	P/N	
<b>Project Title:</b>	Front Administration Office Copier	<b>Map/Photo:</b>
<b>Project Manager:</b>	IT	
<b>Current Phase:</b>	PROCUREMENT	
<b>Budget Location:</b>	GSS	
<b>Design Consultant:</b>	IT	
<b>Const. Contractor:</b>	TBD	
<b>Project Description:</b>		
Purchase a new workgroup office multifunction device for the Tech Service office.		
<b>Justification or Significance of Improvement:</b>		
The existing multifunction device was used by the Recreation staff and moved to the Administration facility in 2017 during the Rideout re-location. This machine is now heavily used in the Administration building and has improved efficiency. Before replacement staff will evaluate the effectiveness of the copier compared to its maximum and recommended duty cycle.		
<b>Justification Data:</b>		
Asset Category:	G&AS	
Asset Type:	EQUIPMENT	
Project Type:	Replace	
Justification Category:	Age/Condition	
Facility Age (Life):	5	

Project Costs							Project Schedule	
Phase	2021 Budget	2022 Budget	2023 Budget	2024 Budget	2025 Budget	Total		
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Construction	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ 15,000		
<b>Total Project Costs</b>	<b>\$ 15,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 15,000</b>		
<b>Funding Source(s):</b>								
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
<b>Net Capital Expenditure</b>	<b>\$ 15,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 15,000</b>		

<b>Begin Design:</b>	
<b>Bid Construction:</b>	
<b>Start Construction:</b>	Oct-21
<b>Complete Construction:</b>	Nov-21



	P/N
<b>Project Title:</b>	401 WLB Office Copier
<b>Project Manager:</b>	IT
<b>Current Phase:</b>	PROCUREMENT
<b>Budget Location:</b>	GSS
<b>Design Consultant:</b>	IT
<b>Const. Contractor:</b>	TBD
<b>Project Description:</b>	
Purchase a new workgroup office multifunction device for the 401WLB property for the Recreation Administrative Office.	
<b>Justification or Significance of Improvement:</b>	
The existing multifunction device was used by the Recreation staff and moved to the Administration facility in 2017 during the Rideout relocation. This machine is now heavily used in the Administration building and has improved efficiency. Once the Recreation staff is relocated to 401 WLB staff will require a similar multifunction device.	
<b>Justification Data:</b>	
Asset Category:	G&AS
Asset Type:	EQUIPMENT
Project Type:	Replace
Justification Category:	Age/Condition
Facility Age (Life):	5



**Map/Photo:**



Project Costs						
Phase	2021 Budget	2022 Budget	2023 Budget	2024 Budget	2025 Budget	Total
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ 15,000
<b>Total Project Costs</b>	<b>\$ 15,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 15,000</b>
<b>Funding Source(s):</b>						
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Capital Expenditure</b>	<b>\$ 15,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 15,000</b>

Project Schedule	
<b>Begin Design:</b>	
<b>Bid Construction:</b>	
<b>Start Construction:</b>	Feb-21
<b>Complete Construction:</b>	Mar-21

	P/N											
<b>Project Title:</b>	Board Rm Hybrid Meeting Webcast System Imp Project	<b>Map/Photo:</b>										
<b>Project Manager:</b>	Sean Barclay	  										
<b>Current Phase:</b>	PROCUREMENT											
<b>Budget Location:</b>	GSS											
<b>Design Consultant:</b>	TBD											
<b>Const. Contractor:</b>	TBD											
<b>Project Description:</b>	<p>Project to upgrade the existing video and audio capabilities of our webcast system to offer hybrid meetings, clearer picture and sound, and enhance the experience for remote viewers.</p>											
<b>Justification or Significance of Improvement:</b>	<p>To ensure public transparency and ability to our constituents to be able to view and hear meetings.</p>											
<b>Justification Data:</b>	<table border="1"> <tr> <td>Asset Category:</td> <td>G&amp;AS</td> </tr> <tr> <td>Asset Type:</td> <td>EQUIPMENT</td> </tr> <tr> <td>Project Type:</td> <td>Upgrade</td> </tr> <tr> <td>Justification Category:</td> <td>Best Practice</td> </tr> <tr> <td>Facility Age (Life):</td> <td>7</td> </tr> </table>		Asset Category:	G&AS	Asset Type:	EQUIPMENT	Project Type:	Upgrade	Justification Category:	Best Practice	Facility Age (Life):	7
Asset Category:	G&AS											
Asset Type:	EQUIPMENT											
Project Type:	Upgrade											
Justification Category:	Best Practice											
Facility Age (Life):	7											

**Project Costs**

Phase	2021 Budget	2022 Budget	2023 Budget	2024 Budget	2025 Budget	Total
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000
<b>Total Project Costs</b>	<b>\$ 25,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 25,000</b>
<b>Funding Source(s):</b>						\$ -
<b>Net Capital Expenditure</b>	<b>\$ 25,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 25,000</b>

**Project Schedule**

**Begin Design:**  
**Bid Construction:**  
**Start Construction:**  
**Complete Construction:**